City of Santa Barbara

STORM WATER MANAGEMENT PROGRAM
2009 ANNUAL REPORT
YEAR 1

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City of Santa Barbara SWMP Annual Report – Year 1
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ANNUAL REPORT

General Permit for the Discharger of Storm Water from Small Municipal Separate Storm Sewer Systems (General Permit)

Check box if this is a new name, address, etc.

A. Permittee Information

1. Permittee (Agency Name): City of Santa Barbara ☐
2. Contact Person: Autumn Malanca and/or Cameron Benson ☐
3. Mailing Address: 620 Laguna St. ☐
4. City, State and Zip Code: Santa Barbara, CA 93101 ☐
5. Contact Phone Number: 805-897-1910 or 805-897-2508 ☐
6.. WDID # 3 42MS03023
7. Have any areas been added to the MS4 due to annexation or other legal means? ☐ YES ☒ NO

If YES

Outfall	Has map been updated?		Has SWMP been updated?		Receiving Water Name
	YES	NO	YES	NO	

8. Are you subject to the Design Standards contained in Attachment 4 of the General Permit? ☒ YES ☐ NO

If yes, report on the implementation of the Design Standards in section E.5 of this Annual Report Form.

B. Reporting Period (check one):

(Report is due by April 1 each year)

☒ January 1, 2009 to December 31, 2009 (Year 1)
☐ January 1, 2010 to December 31, 2010 (Year 2)
☐ January 1, 2011 to December 31, 2011 (Year 3)
☐ January 1, 2012 to December 31, 2012 (Year 4)
☐ January 1, 2013 to December 31, 2013 (Year 5)

C. Executive Summary

The City of Santa Barbara's Storm Water Management Program (SWMP) was prepared in response to State Water Resources Control Board Water Quality Order 2003-0005-DWQ for National Pollutant Discharge Elimination System (NPDES) Phase II General Permit No. CAS000004 (State General Permit). The overall objective of the City's SWMP is to comply with the NPDES Phase II regulations and State General Permit, and to meet water quality standards contained in the Statewide Water Quality Control Plan, the California Toxics Rule, and the Regional Water Quality Control Board Basin Plan.

The City Council authorized submittal of the SWMP to the Central Coast Regional Water Quality Control Board (RWQCB) in January 2006, with direction to begin implementation of the SWMP's water quality goals and BMPs, pending the RWQCB's formal approval. Several rounds of Board comments and City resubmittals took place between 2006 and 2008. The RWQCB approved the City's SWMP in November 2008, subject to the inclusion of minor final edits. Year one of formal SWMP implementation began January 5, 2009, and ended December 31, 2009.

The SWMP demonstrates the City's commitment to surface water quality protection. The Best Management Practices (BMPs) and measurable goals designated in the SWMP have been designed to effectively protect water quality and assess the City's success in the effort. This Annual Report (2009) demonstrates effective SWMP implementation and identifies necessary program modifications.. Sections 1.0 through 6.0 report the successes and challenges of implementation of the City's six minimum control measures. Sections 7.0 and 8.0 are the City's Waterfront and Airport Departments' Annual Reports. Section 9.0 is the Program Effectiveness Assessment, which confirms the results of the overall program and identifies necessary modifications.

To compile this Annual Report, City staff reported their SWMP implementation status to the City Creeks Division on a quarterly-basis; January through March, April through June, July through September, and October through December, 2009. Therefore, many of the sections in the report discuss the implementation of BMPs on a quarterly-basis.

D. Certification

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

3/30/2010

Signature of Permittee (legally responsible person) — Date Signed

James L. Armstrong — City Administrator

Name (printed) — Title

E. Minimum Control Measures

1. Public Education and Outreach

Activity	*BMP*	*Description/Implementation*	*Status*					
			Implemented	**Not Applicable**	**Modified**	**Effective**	**Unknown**	**Not Effective**
Education Program for School Children	1.1	Document all youth education programs presented and number of students.	X			X		
Enrichment-Based Youth Education	1.2	Identify opportunities to develop and implement after-school educational programs including creek clean-ups and planting days.	X			X		
Distribute Informational Brochures and Postcards	1.3a	Distribute "The Ocean Begins on Your Street" Brochure in English. Document the target audience, number of brochures distributed through community events, reach 50% of intended audience.	X			X		
	1.3b	Distribute "The Ocean Begins on Your Street" Brochure in Spanish. Document the target audience, number of brochures distributed through community events, reach 50% of intended audience.	X			X		
	1.3c	Year 1: Automotive Year 2: Restaurants Year 3: Mobile Washers Year 4: Mobile Washers Year 5: Hotels Document the number of brochures distributed to promote the Clean Water Business Program and in response to illegal discharge investigations. Reach 100% of intended audience.	X		X	X		
	1.3d	Develop new informational brochures, document distribution to specific target audiences on an annual basis. Reach 100% of intended audience.	X			X		
Event Participation	1.4a	Earth Day Exhibit	X			X		
	1.4b	Creek Week	X			X		
	1.4c	Sustainable Landscape Fair		X	X			
	1.4d	Other Relevant Events (2)						
Storm Drain Marking	1.5	Maintain and replace storm drain markers as necessary.	X		X	X		

Activity	***BMP***	***Description/Implementation***	***Status***					
			Implemented	**Not Applicable**	**Modified**	**Effective**	**Unknown**	**Not Effective**
Stormwater Hotline/City Information Line	1.6a	Advertise call-in number on SWMP media and educational materials in English.	X			X		
	1.6b	Advertise call-in number on SWMP media and educational materials in Spanish.	X			X		
Neighborhood-based Outreach Program	1.7	Implement annual neighborhood outreach program with educational programming, creek clean-ups, and creek restoration activities.	X			X		
Community-based Social Marketing	1.8	Assess outreach opportunities to utilize community-based social marketing strategies.	X				X	
www.sbcreeks.com	1.9	Maintain and update the Creeks Division website on a quarterly basis.	X			X		
Clean Water Business Program	1.10	Continue certification of automotive service businesses and expand to include certification program for restaurants, hotels, contractors, and mobile businesses (mobile detailers, power washers, carpet cleaners).	X			X		
Community Media Campaigns	1.11a	Develop and air public service announcements on the radio in English.	X			X		
	1.11b	Develop and air public service announcements on the radio in Spanish.	X			X		
	1.11c	Develop and air public service announcements on television in English and Spanish.	X			X		
	1.11d	Develop and publish print advertising in English.	X			X		
	1.11e	Develop and publish print advertising in Spanish.	X			X		
Conduct a Public Opinion Survey	1.12	Hire a consultant to perform the survey.	X			X		

BMP 1.1 Education Program for School Children

Measurable Goal 1.1: *Provide 132 presentations/year. Reach 3,000 youth. Conduct annual teacher surveys, where feasible, to evaluate and revise program accordingly.*

Status: During the first quarter of 2009 (January-March), 45 watershed presentations were provided by Art From Scrap for 465 youth. During the second quarter of 2009 (April-June), 29 watershed presentations were provided for 564 youth, including 19 presentations by Art From Scrap, and 10 presentations by local poet and educator Sojourner Rolle as part of the Adams School Bioswale project. During the third quarter of 2009 (July-September), 12 presentations were provided for 215 youth, including 7 presentations by Art From Scrap, and 5 presentations by Sojourner Rolle and City Staff as part of the Adams School Bioswale project. During the fourth quarter of 2009 (October-December), 46 presentations were provided for 1,474 youth, including 38 presentations by Art From Scrap, and 8 presentations by Sojourner Rolle and City staff as part of the Adams School Bioswale project.

Art From Scrap, the contractor who conducts a majority of the City's watershed presentations, has initiated a teacher survey for classes that participate in the 3-part Creek Kids Series to obtain feedback for the purpose of revising the program annually or as needed**.** A brief survey was also provided to teachers at Adams Elementary School following the Bioswale presentations.

Adams Elementary School teachers who participated in Bioswale presentations were asked to complete surveys, rating the educational benefits of the presentations on a scale of 1-10, 1 being lowest, 10 being highest (see Appendix 1A). Teachers rated the value of the visits very high (8, 9, 10, 10, 10, 10, 10), as well as their students' increased understanding of how wetlands help improve water quality and provide habitat (8, 9, 9, 9, 10, 10, 10). Teachers noted that they looked forward to taking their classes on field trips down their watershed to Arroyo Burro Beach and the Watershed Resource Center, and felt it would help their students to better understand the watershed concept.

2009 Total: 132 Presentations; 3,209 Youth

Proposed Modifications: None.

Proposed Year 2 Activities: Ongoing.

BMP 1.2 Enrichment-Based Youth Education

Measurable Goal 1.2: *Document number of youth that participate in programs.*

Status: Over the course of 2009, the Youth CineMedia program worked with approximately 100 "at-risk" teens after school to create multi-media projects for the Creeks Division's Outreach program. These materials have included educational print ads (see Appendix 1B1 and 1B2), videos, bus ads (see Appendix 1C), a display banner, and producing a Creek Week event (see Appendix 1D). Creek videos produced by youth were featured at the Santa Barbara International Film Festival, and also shown as a regular column online at www.independent.com, a popular local weekly newspaper. By employing youth in the Youth CineMedia program to create outreach materials and films related to water quality issues and restoration projects, the City is raising awareness of water quality issues and solutions among that group of at-risk teens, who in turn are helping raise awareness among other teens, the Spanish speaking community, and the community at large.

In September, 30 students in the Afterschool Opportunities for Kids Program (A-OK!) and the Recreation Afterschool Program (RAP) at Adams Elementary School participated in a native planting project at the new bioswale on their campus, installing 50 plants at the site. By involving these students in hands-on activities and educational programs, and creating a "natural" creek on their campus, the children are learning about the benefits of natural creek systems and native plants. This project will be incorporated into the Creek Kids series of watershed presentations and field trips to the Watershed Resource Center at Arroyo Burro Beach. By taking students on a trip down their own watershed, they better understand the concept that the water that flows through the Bioswale on their campus ends up at the beach, and that activities in the neighborhood around the school, as well as on their campus, have a direct effect on the health of Arroyo Burro Creek and Beach.

2009 Total: 130 Youth

Proposed Modifications: None.

Proposed Year 2 Activities: Ongoing.

BMP 1.3 Distribute Informational Brochures and Postcards

Measurable Goal 1.3a: *Document the target audience, number of brochures ("The Ocean Begins on Your Street" in English) distributed through community events, reach 50% of intended audience.*

Status: During the first quarter of 2009, brochures were distributed by request only, as there were no community events during this quarter. Brochures were mailed to the Summerland Sanitary District at their request (20). During the second quarter, brochures were distributed at the Earth Day Festival (86), the World Ocean Day Festival (13), the "Synthetic Sea" Community Forum (2), and the Summer Solstice Festival (10). Brochures were also provided to local Surfrider Foundation staff for their outreach efforts (20). During the third quarter, brochures were distributed during Creek Week (23). During the fourth quarter, brochures were distributed at the Harbor & Seafood Festival (5) and at the City and County sponsored Rain Barrel Sale (4).

2009 Total: 183 English Brochures Distributed

Proposed Modifications: None.

Proposed Year 2 Activities: Ongoing.

Measurable Goal 1.3b: *Document the target audience, number of brochures ("The Ocean Begins on Your Street" in Spanish) distributed through community events, reach 50% of intended audience.*

Status: During the first quarter of 2009, brochures were distributed by request only, as there were no community events during this quarter. Brochures were mailed to the Summerland Sanitary District at their request (5). During the second quarter, brochures were distributed at the Earth Day Festival (28) and the World Ocean Day Festival (6). Brochures were also provided to local Surfrider Foundation staff for their outreach efforts (10). During the third quarter, brochures were distributed during Creek Week (8). During the fourth quarter, brochures were distributed at the Harbor & Seafood Festival (1), and at the City and County sponsored Rain Barrel Sale (2).

2009 Total: 60 Spanish Brochures Distributed

Proposed Modifications: None.

Proposed Year 2 Activities: Ongoing.

Measurable Goal 1.3c: *Document the number of brochures distributed to promote the Clean Water Business Program and in response to illegal discharge investigations. Reach 100% of intended audience. (Year 1: Automotive; Year 2: Restaurants; Year 3: Mobile Washers; Year 4: Mobile Washers; Year 5: Hotels)*

Status: Approximately 65 brochures/program announcements were distributed (mailed) to promote the addition of mobile businesses to the Clean Water Business Program (Appendix 1E1). According to the City business license files, this is 100% of the mobile washers located in the City. The City also coordinated with the County's Project Clean Water Program to reach out to other mobile washers within the County of Santa Barbara. Creeks Division staff participated in a Project Clean Water stakeholder meeting/workshop that included both City and County mobile washers. We discussed the City's Clean Water Business Program opportunities and demonstrated proper washing BMPs. (See Appendix 1E2).

During the second quarter, brochures promoting the Clean Water Business Program and the Business Assistance Program were distributed at the Earth Day Festival (30), the World Ocean Day Festival (2), and at the Summer Solstice Festival (3). During the fourth quarter, brochures were distributed at the Harbor & Seafood Festival (1).

Proposed Modifications: This goal should be partially modified. Restaurants and Automotive businesses have already been part of the Clean Water Business Program since 2007-2008 (approximately 28 automotive and 30 restaurant businesses have been certified). Year 1 of SWMP implementation (2009) began with the inclusion of mobile washers as part of the Clean Water Business Program (mobile car washers and power washers).

Proposed Year 2 Activities: Year 2 will focus on carpet cleaners (a large subset of mobile washers).

Measurable Goal 1.3d: *Develop new informational brochures, document distribution to specific target audiences on an annual basis. Reach 100% of intended audience.*

Status: In March of 2009, the Creeks Division produced a new brochure entitled "A Homeowner's Guide to Managing Storm Water", which was translated into Spanish in October (see Appendix 1G1 and 1G2). 450 English and 75 Spanish copies were provided to the Planning Division to make available to the public at the City's Planning Counter. An additional 24 English brochures were distributed at the City and County sponsored Rain Barrel Sale.

Proposed Modifications: None.

Proposed Year 2 Activities: The City will collaborate with the County of Santa Barbara and potentially the Cities of Goleta and Carpinteria to create new outreach materials, as well as producing materials specific to the City of Santa Barbara.

BMP 1.4 Event Participation

Measurable Goal 1.4a: *Earth Day (1 event).*

Status: Staff from eight City divisions attended and presented information at the Earth Day Festival on Sunday, April 19. Participating divisions included Creeks, Wastewater, Water Resources, Parks/Forestry, Environmental Services, Planning/Building, Transportation, and Facilities/Energy (see Appendix 1H). Informational materials and presentations were provided to festival attendees.

Proposed Modifications: None.

Proposed Year 2 Activities: Ongoing.

Measurable Goal 1.4b: *Creek Week (1 event).*

Status: Over 1,000 community members participated in 23 events during Santa Barbara's 10th Annual Creek Week, held September 19-26. Coordinated by the City Creeks Division, County Project Clean Water, the City of Carpinteria, and the City of Goleta, Creek Week kicked off with the 25th Annual Coastal Cleanup Day on September 19th, where an impressive 4,443 pounds of trash and debris was removed from beaches and creeks Countywide. Over 30 students at Adams School planted 50 native plants at the newly constructed bioswale on their campus. Neighbors toured the Upper Las Positas Creek Restoration and Storm Water Management Project at the Santa Barbara Golf Club. Horny Toad Activewear employees cleaned and replaced 110 storm drain markers in the beachfront and downtown areas. County Project Clean Water sold 600 rain barrels in just over 3 hours. Other events during the week-long celebration included presentations about efforts to restore the endangered steelhead trout to our local creeks, tours of the Arroyo Hondo Preserve and the Carpinteria Salt Marsh Reserve, a bird walk with the Santa Barbara Audubon Society, games and activities hosted by Art From Scrap at the Watershed Resource Center, and an environmental awareness challenge called "Trash Wars" designed by Youth CineMedia. (See Appendices 1I,1J, 1K, 1L, and 1D.)

Proposed Modifications: None.

Proposed Year 2 Activities: Ongoing.

Measurable Goal 1.4c: *Sustainable Landscape Fair (1 event).*

Status: This event no longer takes place regularly.

Proposed Modifications: Change this BMP to: Sponsor and participate in the countywide Green Gardener Program to educate landscape professionals and the public on sustainable landscaping and efficient irrigation in order to reduce contaminated runoff."

Proposed Year 2 Activities: …

Measurable Goal 1.4d: *Other Relevant Events (2 events).*

Status: Staff attended and presented information at the World Ocean Day Festival on June 6, the Summer Solstice Festival on June 20, a Watershed Resource Center Celebration on August 23, the Harbor & Seafood

Festival on October 10, and the City and County sponsored a Rain Barrel Sale on November 21.

Total: 5 Events

Proposed Modifications: None.

Proposed Year 2 Activities: Ongoing.

BMP 1.5 Storm Drain Marking

Measurable Goal 1.5: *Evaluate and clean 2,300 storm drain markers annually, as necessary.*

Status: The "drains to ocean" emblems are cleaned when Streets Division staff perform the monthly storm drain cleaning assignments. The Creeks Division sends the Streets Division a monthly list with 60 to 80 storm drain locations identified for inspection and cleaning. The storm drain locations are equipped with screens or filters. The crew inspects the operations of the drain screen and makes repairs as needed. The crew removes leaf debris, trash and sediment from the storm drain and filters. The Streets Division focused on cleaning the storm drain markers throughout the summer months of 2009.

In addition, on September 24 as part of Creek Week, volunteers from Horny Toad Active Wear cleaned and replaced 110 storm drain markers in the downtown and beachfront areas. On October 10, a local Boy Scout organized a volunteer event for his Eagle Scout project, bringing together 30 volunteers to clean and replace 319 markers downtown.

Proposed Modifications: The number of storm drain markers (2,300) needs to be revised to 1,572; only the catch basins have the decals (1,572), not the drop inlets (800).

Proposed Year 2 Activities: *Evaluate and clean 1,500 storm drain markers annually, as necessary.*

BMP 1.6 Stormwater Hotline/City Information Line

Measurable Goal 1.6a: *4 information pieces through direct mail, media campaigns and/or public events to reach a minimum of 5,000 residents (advertise call-in number in English).*

Status: The Creeks Division Stormwater Hotline was listed in the Parks & Recreation Spring Activity Guide (Appendix 1M), which was distributed to approximately 50,000 households in the City. The hotline was included in an ad placed in a local high school's theater production program in April (Appendix 1N), reaching approximately 1,500 students, staff, and parents, and posted online. The hotline was listed on approximately 50 magnets (Appendix 1O) distributed at Earth Day, the World Ocean Day Festival, the "Synthetic Sea" Community Forum, and the Summer Solstice Festival. Another 36 magnets were distributed at the Harbor & Seafood Festival, and 14 at the Rain Barrel Sale. The hotline was also listed in an ad in the Parks & Recreation Fall Activity Guide (Appendix 1P), which was distributed to approximately 50,000 households in the City. The County's (Project Clean Water) hotline was listed on interior (all year) and exterior (summer months) MTD bus ads (Appendix 1C), and in "The Ocean Begins on Your Street" brochure, distributed at various community events. The Creeks Division's general information number was also listed on nearly all printed materials throughout the year, including event flyers, postcards, meeting notices, print advertisements, and brochures.

Proposed Modifications: None.

Proposed Year 2 Activities: Ongoing.

Measurable Goal 1.6b: *4 information pieces through direct mail, media campaigns and/or public events to reach a minimum of 5,000 residents (advertise call-in number in Spanish).*

Status: The Stormwater Hotline was included in an ad placed in a local high school's theater production program in April (Appendix 1N), reaching approximately 1,500 students, staff, and parents, and posted online. The hotline was also listed in the Parks & Recreation Fall Activity Guide (Appendix 1P), which was distributed to approximately 50,000 households in the City. The County's hotline was listed on interior (all year) and exterior (summer months) MTD bus ads (Appendix 1C), and in "The Ocean Begins on Your Street" brochure, distributed at various community events throughout the year. The Creeks Division's general information number was also included in print ads in *El Mexicano* (Appendix 1B2), a local Spanish-language bi-weekly newspaper.

Proposed Modifications: None.

Proposed Year 2 Activities: Ongoing.

BMP 1.7 Neighborhood-based Outreach Program

Measurable Goal 1.7: *Select neighborhoods for participation, implement 2 programs annually, document number of participants.*

Status: On April 10, a community planting day took place at Mission Creek at Oak Park, with 32 community volunteers (see Appendix Q). On May 30, a clean-up and planting took place on Sycamore Creek in the Eastside neighborhood, with 15 community volunteers.

Proposed Modifications: None.

Proposed Year 2 Activities: Ongoing.

BMP 1.8 Community-Based Social Marketing

Measurable Goal 1.8: *Identify at least one opportunity per year for community-based marketing and report why it was or was not an appropriate strategy. If utilized, assess and report on its successes and/or failures by conducting pre and post-project behavior observations.*

Status: In 2009, the Creeks Division identified several potential Community-Based Social Marketing projects. One potential project included targeting a particular site known to staff where pet waste is often a problem. Staff also considered an effort targeted at the transient population in Santa Barbara who live in motor homes on the City's streets, to encourage and increase use of the free septic system dumping available at the local waste management company's facility. Due to staffing and time limitations, we were unable to formally implement these projects.

The Creeks Division encourages visitors at all community events to make a written commitment by signing a "Clean Creeks Pledge" (Appendix 1R) to adopt behaviors that will help improve and protect water quality in

our creeks and the ocean. Staff considered publishing the names of these residents in local newspapers to make their commitment public. Ultimately, staff decided that because we had not received permission to publish names prior to residents taking the pledge, it may be construed as an invasion of privacy or unwelcome attention.

Proposed Modifications: None.

Proposed Year 2 Activities: The Creeks Division will identify several appropriate projects, as well as revisit the ideas proposed in 2009, and potentially work with UCSB's Bren School to develop and implement the selected project. Staff will continue to encourage visitors at community events to make written commitments by signing a "Clean Creeks Pledge." We will also consider providing a separate Pledge sheet that is specifically designed to be published, which residents can sign at their discretion.

BMP 1.9 www.sbcreeks.com

Measurable Goal 1.9: *Update web page content on a quarterly basis. Advertise website on four media pieces per year. Increase website "hits" (visitors) by 5% annually.*

Status: The Creeks Division's website is updated often on an as-needed basis. During the first quarter of 2009 the outreach section of the website was updated to expand the "Speak for the Creeks" and "Youth CineMedia" pages. Videos produced by Youth CineMedia were included in both these pages. During the second quarter, new information on the Upper Las Positas Creek Restoration and Storm Water Management Project was added, as well as a new Creek Week webpage (www.sbcreekweek.com), and the Homeowner's Guide to Managing Storm Water brochure was posted online. The Low Impact Development page was updated, as well as the Creek Tree Program page. During the third quarter, a new page and information was added for the Adams School Bioswale project. During the fourth quarter, all links to external sites were checked for accuracy, and updates were made to content as needed. The Clean Water Business Program page is updated as new businesses are certified.

The website is included in all outreach materials, including the Parks & Recreation Spring and Fall Activity Guides, the Oak Park Planting Day Postcard, Clean Water Business ads appearing in *The Independent* and *Food & Home Magazine* (see Appendices 1S1, 1S2, and 1S3), interior (all year) and exterior (summer months) MTD bus ads, English and Spanish radio and television public service announcements, Spanish-language print ads in *El Mexicano*, a local Spanish-language bi-weekly newspaper, brochures, project postcards, magnets, event posters and flyers, and more.

The website received 1,767 hits during the first quarter; 1,790 during the second quarter; 2,331 during the third quarter; and, 1,395 during the fourth quarter. The 2009 total was 7,283, an increase of 14% over the 2008 total of 6,379 hits.

Proposed Modifications: None.

Proposed Year 2 Activities: Ongoing.

BMP 1.10 Clean Water Business Program

Measurable Goal 1.10: *Expand program with one additional business type each year. Certify at least 20 businesses annually and inspect certified businesses every 2 years for possible re-certification.*

Status: Mobile businesses (mobile car washers and power washers) were added as the new business type this year (in addition to Restaurants and Automotive businesses that are already an established part of the Creeks Division Clean Water Business Program). See Appendix 1E1. Six businesses were certified during the 1st quarter of 2009. These included one automotive repair shop (Autohaus Salzburg, Inc.), two restaurants (Chuck's Waterfront Grill and Jeannine's Bakery and Restaurant) and three mobile businesses (Santa Barbara Pressure Washing, Aficionauto Detailing, and The Auto Detailing Teacher). Five businesses were certified during the 2nd quarter. These included one restaurant (Our Daily Bread), three mobile washers (Hog Wash, My Service Guys, and Quality Detail) and one automotive shop (Moto Loco). During the 3rd quarter, three restaurants were certified: Panino, 805 Deli, and Milk & Honey, and during the 4th quarter; two Mobile Washing Businesses were certified (Evershade and WaterWorks), and five restaurants were certified (Silvergreens, Coffee Cat, Roy, Bitterman's Deli, and Three Pickles Deli). This totals 21 businesses certified in 2009. Several businesses that were previously certified (in 2006 and/or 2007) were also recertified in 2009.

Proposed Modifications: None.

Proposed Year 2 Activities: Expand the program to include carpet cleaners in 2010.

BMP 1.11 Community Media Campaigns

Measurable Goal 1.11a: *Reach 30,000 listeners at least 1/month (English radio PSAs).*

Status: English radio public service announcements aired monthly on local Rincon Broadcasting stations KIST 1490 AM, KSBL 101.7 FM, KTMS 990 AM, KTYD 99.9 FM, and KDB 93.7 FM, reaching an estimated 35,000 listeners per month.

Proposed Modifications: None.

Proposed Year 2 Activities: Ongoing.

Measurable Goal 1.11b: *Reach 15,000 listeners at least 1/month (Spanish radio PSAs).*

Status: Spanish radio PSAs aired monthly on local Spanish-language Rincon Broadcasting stations KIST 107.7 FM and KSPE 94.5 FM, reaching an estimated 19,600 listeners per month.

Proposed Modifications: None.

Proposed Year 2 Activities: Ongoing.

Measurable Goal 1.11c: *Reach 40,000 television watchers at least 1/month (English and Spanish television PSAs).*

Status: English and Spanish television public service announcements aired monthly on various Cox Media stations (the local cable provider), as well as on KPMR, the local Univision station, reaching approximately 137,000 viewers per month.

Proposed Modifications: None.

Proposed Year 2 Activities: Ongoing.

Measurable Goal 1.11d: *12 display ads (English print advertising).*

Status: A total of 19 display ads were printed in English in 2009**.** Display ads were included in the Parks & Recreation Spring and Fall Activity Guides (1, 2) (Appendices 1M and 1P). In March, an ad was developed for the Earth Day edition of *The Daily Sound* (3) (Appendix 1H). In April, an ad was also placed in a local high school's theater production program (4) (Appendix 1N). Youth CineMedia designed a display ad for Shape of Voice (Appendix 1B1), a local youth newspaper, to run in the first and second quarters of 2009 (5). On local MTD buses, display ads were run on the interiors of the full fleet of 85 buses all year (6), with new ads installed during the summer (7), and on the exterior of 10 buses during the summer months (8) (Appendix 1C). Display ads promoting the Marine Debris Forum held in June were placed in *The Independent* (9) (Appendix 1J), a local weekly newspaper, and in *The Daily Sound* (10) (Appendix 1I), a local daily newspaper. Display ads were created to promote Creek Week, and ran in *The Daily Sound* (11, 12, 13, 14) (Appendix 1I), as well as *The Independent* (15, 16, 17) (Appendix 1J). A display ad was placed in *CASA Magazine*, a local weekly real-estate focused newspaper, to promote the Rain Barrel Sale in November co-hosted with the County of Santa Barbara (18) (Appendix 1T). Another ad promoting the sale was placed in *The Independent* (19) (Appendix 1U). Display ads featuring the message "It All Flows to the Ocean" and images of car washing, fertilizer use, and dog waste at the ocean were placed intermittently in *The Independent* and *The Daily Sound* (see Appendices 1F1, 1F2, and 1F3).

Proposed Modifications: None.

Proposed Year 2 Activities: Ongoing.

Measurable Goal 1.11e: *4 display ads (Spanish print advertising).*

Status: A total of 6 display ads were printed in Spanish in 2009. A Spanish language display ad, designed by Youth CineMedia, ran twice per month in *El Mexicano* (Appendix 1B2), a local Spanish-language bi-weekly newspaper, all year (1). In April, a bilingual ad was placed in a local high school's theater production program (2) (Appendix 1N). A bilingual ad was also included in the Parks & Recreation Fall Activity Guide (3) (Appendix 1P). On local MTD buses, bilingual ads were run on the interiors all year (4), with new ads installed during the summer (5), and on the exterior of the buses during the summer months (6) (Appendix 1C).

Proposed Modifications: None.

Proposed Year 2 Activities: Ongoing.

BMP 1.12 Conduct a Public Opinion Survey

Measurable Goal 1.12: *Complete Public Opinion Survey and implement recommendations as appropriate.*

Status: The Public Opinion Survey was completed in 2008. While staff is currently working on revising the existing Public Education Plan to reflect findings from the survey, as well as input from the Education and Outreach Subcommittee of the Creeks Advisory Committee, results have already been incorporated into outreach efforts. The survey found confusion regarding the role of the storm drain, and outreach materials have been developed to help increase this understanding - including interior bus advertisements designed to help viewers make the connection that pollutants on our streets enter the storm drain flow directly to our creeks and beaches. (See Appendix 1V, Executive Summary of the 2008 Survey Results.)

Proposed Modifications: None.

Proposed Year 2 Activities: Ongoing.

MCM 1 Attachments

Clean Creeks
HEALTHY BEACHES
CITY OF SANTA BARBARA

ADAMS BIOSWALE PROJECT
TEACHER EVALUATION

Teacher's Name: Labraña **Grade:** 6 **Date:** 10/1/09

Please fill out the following evaluation. Mark the number that most closely describes how you feel.

Please circle the activities that your class participated in:

Bioswale "Speak for the Creeks" visit | Creek Kids Series | Planting Day

Fieldtrip to the Watershed Resource Center | Community Celebrations | Other

1. The educational opportunities provided as part of the Bioswale Project were valuable to my students.

Lowest 1 2 3 4 5 6 7 8 9 10 Highest

2. I was able to integrate topics and themes from the bioswale project into my required curriculum.

Lowest 1 2 3 4 5 6 7 8 9 10 Highest

3. My students increased their understanding of the role of wetlands/bioswales in helping to clean water and providing good habitat for wildlife.

Lowest 1 2 3 4 5 6 7 8 9 10 Highest

4. My students increased their understanding of how watersheds work.

Lowest 1 2 3 4 5 6 7 8 9 10 Highest

5. My students increased their understanding of common water pollutants and how they get into creeks.

Lowest 1 2 3 4 5 6 7 8 9 10 Highest

6. My students developed a sense of environmental stewardship through participating in this school restoration project.

Lowest 1 2 3 4 5 6 7 8 9 10 Highest

7. We appreciate your feedback. Please let us know if you have general comments or suggestions:

Thank You !!!

It was wonderful to see the area being restored and to have such knowlegable & devoted docents

:) G Labrana

Clean Creeks
HEALTHY BEACHES
CITY OF SANTA BARBARA

ADAMS BIOSWALE PROJECT
TEACHER EVALUATION

Teacher's Name: Robin Gehrs **Grade:** 2 **Date:** 9/29/09

Please fill out the following evaluation. Mark the number that most closely describes how you feel.

Please circle the activities that your class participated in:

Bioswale "Speak for the Creeks" visit | Creek Kids Series | Planting Day

Fieldtrip to the Watershed Resource Center | Community Celebrations | Other

1. The educational opportunities provided as part of the Bioswale Project were valuable to my students.

Lowest 1 2 3 4 5 6 7 8 9 10 Highest

2. I was able to integrate topics and themes from the bioswale project into my required curriculum.

Lowest 1 2 3 4 5 6 7 8 9 10 Highest

3. My students increased their understanding of the role of wetlands/bioswales in helping to clean water and providing good habitat for wildlife.

Lowest 1 2 3 4 5 6 7 8 9 10 Highest

4. My students increased their understanding of how watersheds work.

Lowest 1 2 3 4 5 6 7 8 9 10 Highest

5. My students increased their understanding of common water pollutants and how they get into creeks.

Lowest 1 2 3 4 5 6 7 8 9 10 Highest

6. My students developed a sense of environmental stewardship through participating in this school restoration project.

Lowest 1 2 3 4 5 6 7 8 9 10 Highest

7. We appreciate your feedback. Please let us know if you have general comments or suggestions:

Thank You !!!

So important!
So valuable!
We thank you!

So exciting!!

Clean Creeks
HEALTHY BEACHES
CITY OF SANTA BARBARA

ADAMS BIOSWALE PROJECT
TEACHER EVALUATION

Teacher's Name: Ms. Miles **Grade:** 3 **Date:** 10-7-09

Please fill out the following evaluation. Mark the number that most closely describes how you feel.

Please circle the activities that your class participated in:

Bioswale "Speak for the Creeks" visit	Creek Kids Series	Planting Day
Fieldtrip to the Watershed Resource Center	Community Celebrations	Other

1. The educational opportunities provided as part of the Bioswale Project were valuable to my students.

Lowest 1 2 3 4 5 6 7 (8) 9 10 Highest

2. I was able to integrate topics and themes from the bioswale project into my required curriculum.

Lowest 1 2 3 4 5 6 7 (8) 9 10 Highest

3. My students increased their understanding of the role of wetlands/bioswales in helping to clean water and providing good habitat for wildlife.

Lowest 1 2 3 4 5 6 7 (8) 9 10 Highest

4. My students increased their understanding of how watersheds work.

Lowest 1 2 3 4 5 6 7 8 (9) 10 Highest

5. My students increased their understanding of common water pollutants and how they get into creeks.

Lowest 1 2 3 4 5 (6) 7 8 9 10 Highest

6. My students developed a sense of environmental stewardship through participating in this school restoration project.

NOT yet

Lowest 1 2 3 4 5 (6) 7 8 9 10 Highest

7. We appreciate your feedback. Please let us know if you have general comments or suggestions:

Thank You !!!

Students have high interest. When I schedule the visit to Hendry's Beach it should all come together. Children would treat the area well now even.

Clean Creeks
HEALTHY BEACHES
CITY OF SANTA BARBARA

ADAMS BIOSWALE PROJECT
TEACHER EVALUATION

Teacher's Name: Jackie Lapkin **Grade:** 4/5 **Date:** 10/7/09

Please fill out the following evaluation. Mark the number that most closely describes how you feel.

Please circle the activities that your class participated in:

Bioswale "Speak for the Creeks" visit | Creek Kids Series | (Planting Day)

Fieldtrip to the Watershed Resource Center | Community Celebrations | Other

1. The educational opportunities provided as part of the Bioswale Project were valuable to my students.

Lowest 1 2 3 4 5 6 7 8 9 (10) Highest

2. I was able to integrate topics and themes from the bioswale project into my required curriculum.

Lowest 1 2 3 ~~4~~ (5) 6 7 8 9 10 Highest

3. My students increased their understanding of the role of wetlands/bioswales in helping to clean water and providing good habitat for wildlife.

Lowest 1 2 3 4 5 6 7 8 9 (10) Highest

4. My students increased their understanding of how watersheds work.

Lowest 1 2 3 4 5 6 (7) 8 9 10 Highest

5. My students increased their understanding of common water pollutants and how they get into creeks.

Lowest 1 2 3 4 5 6 (7) 8 9 10 Highest

6. My students developed a sense of environmental stewardship through participating in this school restoration project.

Lowest 1 2 3 4 5 6 7 8 9 (10) Highest

7. We appreciate your feedback. Please let us know if you have general comments or suggestions:

Thank You !!!

I hope my teaching partner in Science will follow up with materials, pictures, maps + perhaps a field trip to the Watershed Resource Center.

It looks great. Thanks for making Adams a part of our healthy environment

Clean Creeks
HEALTHY BEACHES
CITY OF SANTA BARBARA

ADAMS BIOSWALE PROJECT
TEACHER EVALUATION

Teacher's Name: McKenna **Grade:** 2 **Date:** 10-1-09

Please fill out the following evaluation. Mark the number that most closely describes how you feel.

Please circle the activities that your class participated in: Adams Bioswale Project

Bioswale "Speak for the Creeks" visit | Creek Kids Series | Planting Day

Fieldtrip to the Watershed Resource Center | Community Celebrations | Other

1. The educational opportunities provided as part of the Bioswale Project were valuable to my students.

Lowest 1 2 3 4 5 6 7 8 9 (10) Highest

2. I was able to integrate topics and themes from the bioswale project into my required curriculum.

Lowest 1 2 3 4 5 6 7 8 9 (10) Highest

3. My students increased their understanding of the role of wetlands/bioswales in helping to clean water and providing good habitat for wildlife.

Lowest 1 2 3 4 5 6 7 8 9 (10) Highest

4. My students increased their understanding of how watersheds work.

Lowest 1 2 3 4 5 6 7 8 9 (10) Highest

5. My students increased their understanding of common water pollutants and how they get into creeks.

Lowest 1 2 3 4 5 (6) 7 8 9 10 Highest

6. My students developed a sense of environmental stewardship through participating in this school restoration project.

Lowest 1 2 3 4 5 6 7 (8) 9 10 Highest

7. We appreciate your feedback. Please let us know if you have general comments or suggestions:

Thank You !!!

Clean Creeks
HEALTHY BEACHES
CITY OF SANTA BARBARA

ADAMS BIOSWALE PROJECT
TEACHER EVALUATION

Teacher's Name: Jana McKee **Grade:** 4th **Date:** 9/30/09

Please fill out the following evaluation. Mark the number that most closely describes how you feel.

Please circle the activities that your class participated in:

Bioswale "Speak for the Creeks" visit | Creek Kids Series | Planting Day

Fieldtrip to the Watershed Resource Center | Community Celebrations | Other

1. The educational opportunities provided as part of the Bioswale Project were valuable to my students.

Lowest 1 2 3 4 5 6 7 8 9 10 Highest

2. I ~~was~~ will be able to integrate topics and themes from the bioswale project into my required curriculum.

Lowest 1 2 3 4 5 6 7 8 9 10 Highest

3. My students increased their understanding of the role of wetlands/bioswales in helping to clean water and providing good habitat for wildlife.

Lowest 1 2 3 4 5 6 7 8 9 10 Highest

4. My students increased their understanding of how watersheds work.

Lowest 1 2 3 4 5 6 7 8 9 10 Highest

5. My students increased their understanding of common water pollutants and how they get into creeks.

Lowest 1 2 3 4 5 6 7 8 9 10 Highest

6. My students developed a sense of environmental stewardship through participating in this school restoration project.

Lowest 1 2 3 4 5 6 7 8 9 10 Highest

7. We appreciate your feedback. Please let us know if you have general comments or suggestions:

Thank You !!!

Great! Thank you!

Jana McKee

Clean Creeks
HEALTHY BEACHES
CITY OF SANTA BARBARA

ADAMS BIOSWALE PROJECT
TEACHER EVALUATION

Teacher's Name: Ojeda **Grade:** 3rd **Date:** 10-1-09

Please fill out the following evaluation. Mark the number that most closely describes how you feel.

Please circle the activities that your class participated in:

Bioswale "Speak for the Creeks" visit | Creek Kids Series | Planting Day

Fieldtrip to the Watershed Resource Center | Community Celebrations | Other

1. The educational opportunities provided as part of the Bioswale Project were valuable to my students.

Lowest 1 2 3 4 5 6 7 8 9 10 Highest

2. I was able to integrate topics and themes from the bioswale project into my required curriculum.

Lowest 1 2 3 4 5 6 7 8 9 10 Highest

3. My students increased their understanding of the role of wetlands/bioswales in helping to clean water and providing good habitat for wildlife.

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6. My students developed a sense of environmental stewardship through participating in this school restoration project.

Lowest 1 2 3 4 5 6 7 8 9 10 Highest

7. We appreciate your feedback. Please let us know if you have general comments or suggestions:

Thank You !!!

please read the signs!
it all flows to the ocean...
Surf
DOLPHINS
WHALES
BIRDS
...so keep your trash & cans out of the creeks!
Who's planet is this anyway?
ycm
For more information call: 897-2658 or visit our website at: www.sbcreeks.com Partially funded by hotel visitors through Measure B. Graphic design and photography by Youth CineMedia www.youthcinemedia.org
Clean Creeks
HEALTHY BEACHES
CITY OF SANTA BARBARA

¡Residentes de Santa Bárbara
No tiren basura en los arroyos, porque todo va para el océano!
Para más información llamen: 897-2658
o visiten nuestra página de web:
www.sbcreeks.com Fundado parcialmente
por visitadores de hoteles por la Propuesta B.
Diseño gráfico y fotografía hecho por:
Youth CineMedia www.youthcinemedia.org
ycm
Clean Creeks
HEALTHY BEACHES
CITY OF SANTA BARBARA

Interior Bus Signs (January - June 2009)

Interior Bus Signs (July - December 2009)

Exterior Bus Signs (June - August 2009)

COME BATTLE IT OUT FOR THE ENVIRONMENT

• 1ST ANNUAL ENVIRONMENTAL AWARENESS CHALLENGE! •

FREE SIGN UP limited space so show up early...

Clean Creeks HEALTHY BEACHES CITY OF SANTA BARBARA

Sept 26th. 1-4pm

Hendrys Beach Arroyo Burro.

BBQ and beverages **Prizes Include...**

Ipod • digital camera • trip to Santa cruz Island kayaking tshirts and more.

Youth CineMedia ycm

ISLAND PACKERS SINCE 1968

SHALHOOB MEAT CO.™ SANTA BARBARA STYLE

Samy's Camera

Youth CineMedia's "Trash Wars" is sponsored by the City of Santa Barbara Creeks Division

Partially funded by hotel visitors through Measure B.

Did You Know?

ALLOWING WASH WATER TO FLOW TO THE STREET IS ILLEGAL

AND SENDS POLLUTED WATER TO OUR CREEKS AND OCEAN

CLEAN CREEKS BUSINESS PROGRAM

Would you like to be a certified Clean Creeks Business?

Mobile washing can cause water pollution and violate City laws. The City of Santa Barbara Creeks Division is working to stop pollution from traveling from parking lots, sidewalks and streets to our creeks and ocean.

This FREE PROGRAM provides:

- ✔ Consultation on clean water regulations
- ✔ Best Management Practice Information:
  - Washing with less water
  - Using biodegradable soaps
  - Containing wash water and protecting storm drains
  - Retrieving wash water and proper disposal
- ✔ Clean Creeks Business Certification
- ✔ Promotion of your Business in the local media
- ✔ FREE tools or equipment through the City's Business Assistance Program
  - (wet vacs, spill dikes, berms, drain covers, secondary containment bins, etc.)

Clean Creeks
HEALTHY BEACHES
CITY OF SANTA BARBARA
CERTIFIED BUSINESS

Funded by hotel visitors through Measure B

Compliance through certification ensures adherence to city laws

Call the City Creeks Division at 897-2688 to schedule a consultation!

City of Santa Barbara
Creeks Division
P.O. Box 1990
Santa Barbara, CA 93102

Mobile Cleaning and Wash Water Runoff:
A free workshop for businesses and the public

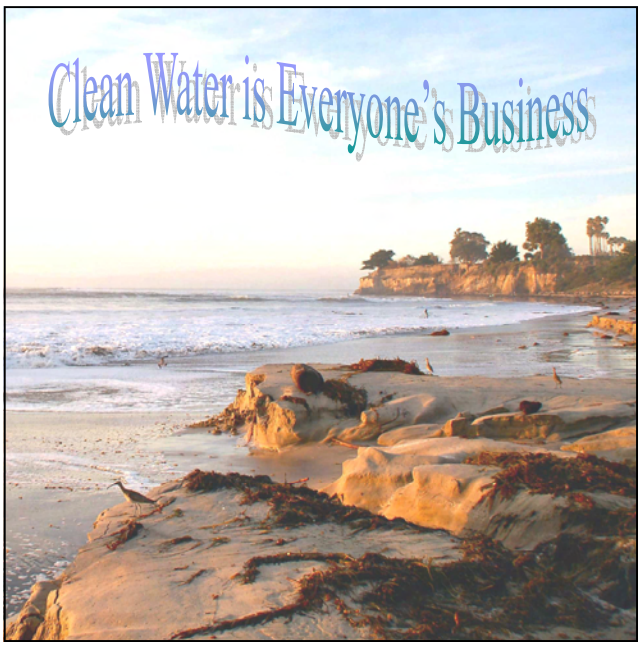
Do you know where water on the pavement goes?

Anything that enters the storm drains flows directly to our local creeks and ocean, *untreated*

This includes runoff from **mobile washing businesses**

Why You Should Attend:

- Observe wastewater containment demonstrations
- Learn proper disposal of wastewater
- Hear about local laws regulating wastewater discharges
- See what to look for when hiring a mobile washing business
- **Free raffle for water containment products!**



Thursday, October 16th

12:00 - 1:00

Watershed Resource Center

2981 Cliff Drive, Santa Barbara

at Arroyo Burro County Beach Park

Lunch will be provided

Presenters:

City and County water quality staff

RSVP
568-3546 or 897-1910

PROJECT CLEAN WATER
County of Santa Barbara

Sponsored by:

City of Santa Barbara Creeks Division
County of Santa Barbara Project Clean Water

Clean Creeks
HEALTHY BEACHES
CITY OF SANTA BARBARA

Limpieza Móvil y Desgasto del Agua para Lavar:
Un curso gratis para ambos negocios y el público

¿Sabe UD a donde va el agua que se encuentra en al pavimentó?

Todo lo que se encuentra en los drenajes se mueve hacia los riachuelos y el mar, *aunque todavía tenga suciedad*

Esto incluye desgasto de negocios para limpiar

¿Porque debe de asistir?

- Observar muestras para contener el desgasto del agua
- Aprender cual es la major manera para desechar el agua sucia
- Escuchar discurso de las leyes acera del desgasto del agua sucia
- Averiguar que es lo que debe de verificar cuando esoge un negocio móvil para limpiar
- **¡Rifa gratis de productos para contener el agua sucia!**

Jueves, 16 Octubre, 2008

12:00pm - 1:00pm

Centro de Recursos de la cuenca

2981 Cliff Drive, Santa Barbara

En Playa del Condado Arroyo Burro

¡Habra Almuerzo Gratis!

Presentadores:

El depto de la calidad del agua para la ciudad

y el condado de Santa Barbara

RSVP
568-3546 or 897-1910

PROJECT CLEAN WATER
County of Santa Barbara

Sponsored by:

City of Santa Barbara Creeks Division
County of Santa Barbara Project Clean Water

Clean Creeks
HEALTHY BEACHES
CITY OF SANTA BARBARA

IT ALL FLOWS TO THE OCEAN

Oil and detergents flow into storm drains, which flow directly to creeks and the ocean.

Wash your car on grass or gravel to absorb the water, or take it to a car wash where the water gets treated.

Clean Creeks
HEALTHY BEACHES
CITY OF SANTA BARBARA

sbcreeks.com

Funded by hotel visitors through Measure B.

IT ALL FLOWS TO THE OCEAN

Fertilizer gets washed into storm drains, which flow directly to creeks and the ocean. This causes algae to grow, which uses up oxygen that fish need to survive.

If you fertilize, please follow directions and use sparingly.

Clean Creeks
HEALTHY BEACHES
CITY OF SANTA BARBARA

sbcreeks.com

Funded by hotel visitors through Measure B.

IT ALL FLOWS TO THE OCEAN

Pet waste and bacteria gets washed into storm drains which flow directly to creeks and the ocean.

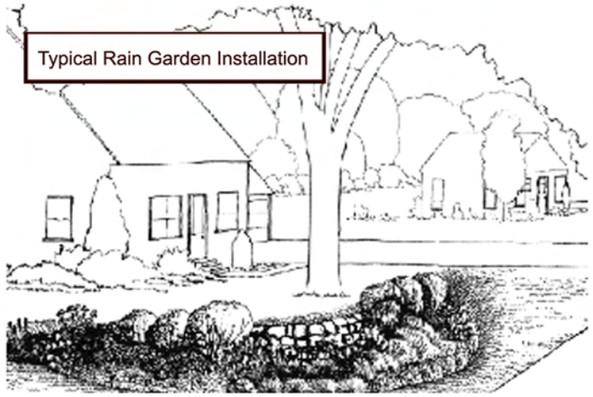
Thank you for picking up after your pet, every time.

Clean Creeks
HEALTHY BEACHES
CITY OF SANTA BARBARA

sbcreeks.com

Funded by hotel visitors through Measure B.

Landscaping. Consider replacing paved surfaces with trees, shrubs, grasses, or other groundcover.



This provides an opportunity to reintroduce native vegetation, which can:

- stabilize soil,
- reduce runoff,
- remove water pollution naturally,
- create habitat for animals, birds, butterflies, and
- reduce water use.

Selecting appropriate plants, preparing your soil, and including landscaped depressions and other design considerations are critical factors in reducing storm water runoff and improving water retention on your property.

Safety Issues to Consider for These Designs:

- Depth of standing water
- Vector control
- Site erosion
- Slope stability

Help protect water quality in your City by following the City's water quality guidelines.

Please refer to the City's **Storm Water BMP Guidance Manual** for specific details at:

www.sbcreeks.com

(under the "Storm Water Management Program" link)

AMalanca@SantaBarbaraCA.gov
Ph: (805) 897-1910 Fax: (805) 897-2626

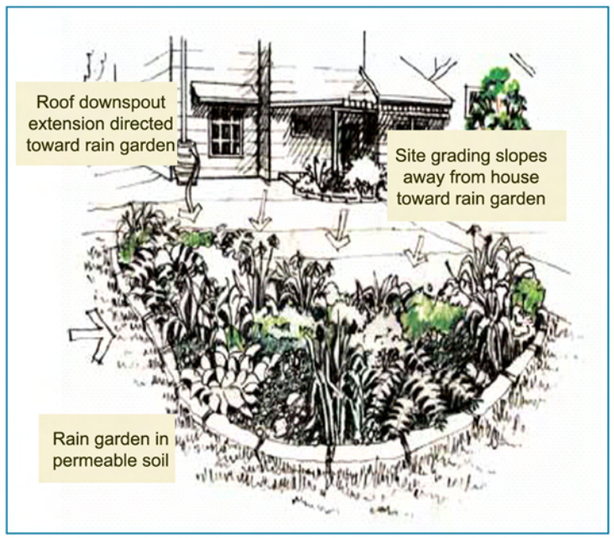
*All properties (and solutions) are unique; please be sure to **consult an appropriate design professional** for design/implementation advice.*

City of Santa Barbara
Community Development
630 Garden Street
P.O. Box 1990
Santa Barbara, CA 93102

City of Santa Barbara

A Homeowner's Guide to Managing Storm Water

Simple things you can do to reduce storm water flows and water pollutants from your home.



...Reduce water pollution, creek erosion, and flooding...

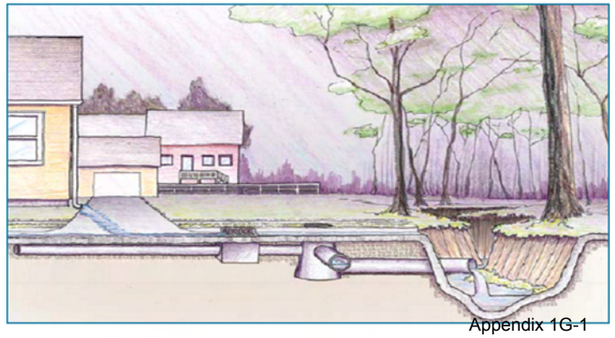
The City of Santa Barbara recently produced a **Storm Water Guidance Manual** to help people understand the water quality requirements that apply to their projects.

Requirements are in place because storm water runoff picks up pollutants as it flows across roofs, sidewalks, driveways, and streets.

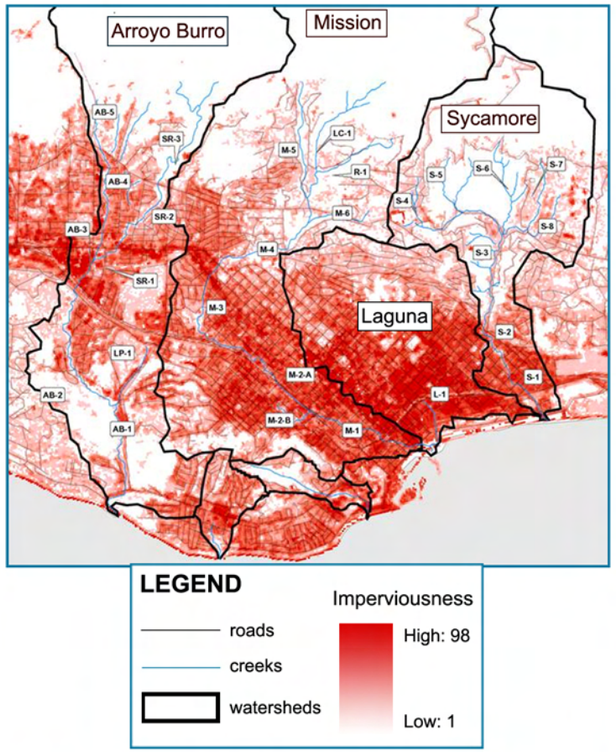
From there, storm water flows through gutters, channels, and storm drains, directly to local creeks and the ocean, without any treatment.

Urban storm water runoff is the largest source of surface water pollution in Santa Barbara!

Why send rain water to the dirty street? You can capture or redirect rain water for irrigation or soak it into the ground for natural treatment and to replenish groundwater. Storm water can be used as a resource rather than wasted.



Santa Barbara has a lot of hard (impermeable) surfaces!

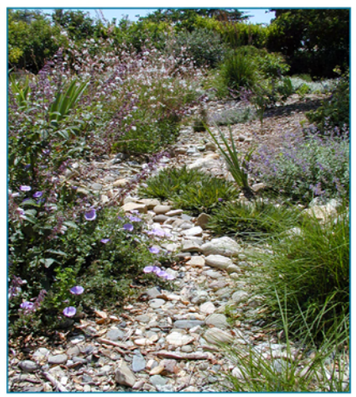


Many of our open spaces and natural soils where water used to soak in are now paved over or built upon! So the City has more runoff water carrying pollutants to our creeks and beaches than ever before.

You can choose simple designs to capture and treat storm water!

Moving Downspouts away from paved areas diverts rain water from roof gutters to yards and landscaping (sloped away from the home).

This allows water to filter into the ground. The downspouts must be angled at least 4-6 feet away from the structure in order to avoid water damage to the foundation!

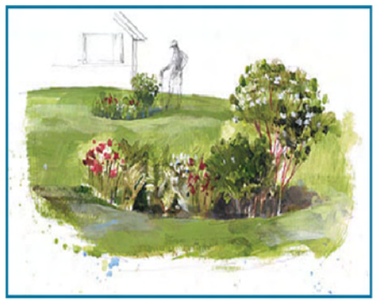


Flow Spreading spreads runoff over a natural, pervious area rather than concentrating runoff to a pipe.

It may be used to spread and filter water runoff from driveways, roof downspouts, and other open surfaces.

Rainwater Gardens are landscaped depressions in your yard that collect and store storm water, allowing it to soak in, evaporate, and nourish plants.

These gardens require sloped sides and plants that can withstand standing water and drought.



For design details, see the City's Guidance Manual online at www.sbcreeks.com or visit www.raingardennetwork.com.

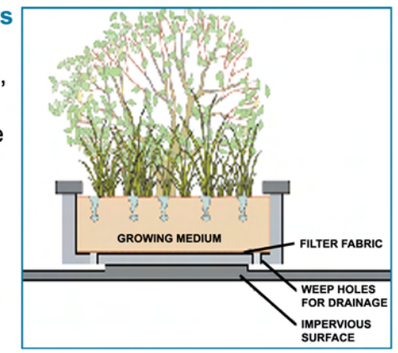
Rain Barrels are above ground storage containers that capture the "first flush" of runoff from roofs during rain events and store the water for later use.

To help you decide how big or how many barrels you want to buy, a general rule of thumb is: ***1 inch of rain that falls on a 1,000 square foot roof = 600 gallons of water!***

First Flush = The beginning of a rain storm which carries the most polluted water. This is what is caught by barrels, and the pollutants from roof runoff are generally okay for watering plants!

Contained Planters are containers that hold soil and plants, providing areas where water can be captured and naturally cleaned.

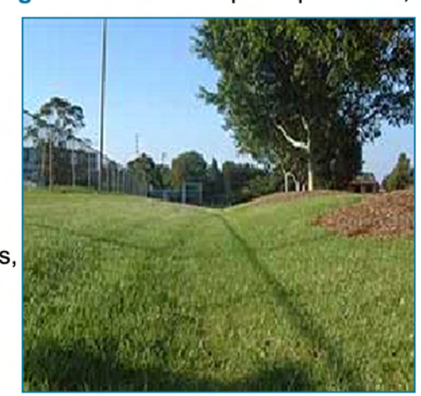
These can be built to drain slowly into the ground (open bottom) or with an overflow design.



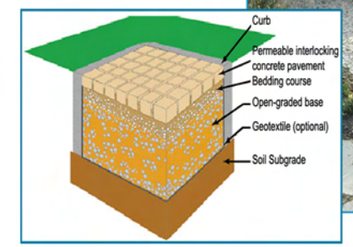
For sizing and details, see the City's Guidance Manual!

Depression Storage is the use of simple depressions, either artificial or natural, for storing storm water to allow it to soak into the ground.

This is similar to rainwater gardens, but its vegetation is usually grass or another dense groundcover.



Permeable Pavements contain small holes in the pavement that allow water to pass through to gravel beneath, where water can slowly soak into the soil or drainage system underneath.



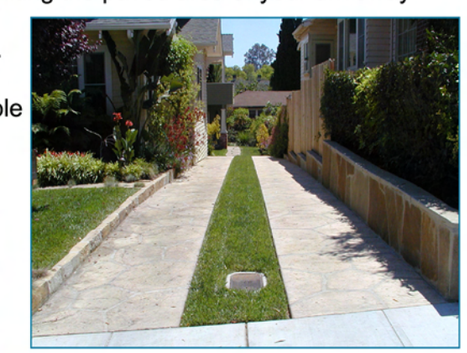
There are many forms of permeable pavements, including pervious concrete, pavers, grass-pavers, and gravel pavers (gravel is normally only allowed 200 feet from a public street).

Soil Amendments, such as compost, fertilizers, and mulch, alter your soil to allow greater infiltration, which reduces runoff, filters pollutants, increases the quality of your yard's plants, and reduces soil erosion (once planted).

The soil amendments also increase nutrient-holding capacity and improve aeration.

Ribbon Driveways decrease the amount of hard surface by limiting the paved area of your driveway to narrow driving strips.

The permeable strip in between catches oil drips from your car, as well as absorbs storm water.

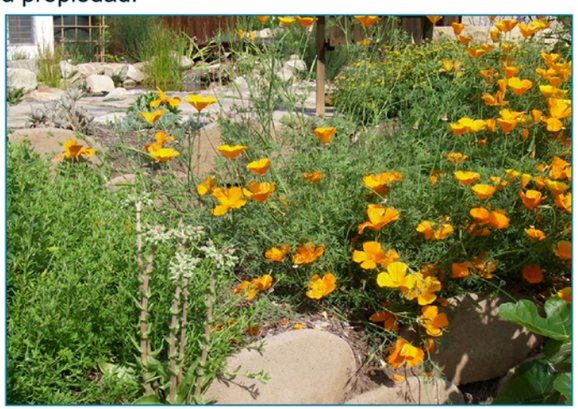


Área ajardinada. Considere reemplazar superficies pavimentadas con árboles, arbustos, gramillas, u otro cobertor de la tierra.

Esto proporciona una oportunidad para reintroducir la vegetación nativa, las cuales pueden:

- estabilizar la tierra,
- reducir la corriente,
- eliminar la contaminación del agua naturalmente,
- crear hábitats para animales, pájaros, mariposas, y
- reducir el uso del agua.

La selección de plantas apropiadas, la preparación del suelo, y la inclusión de la depresión del jardín y otras consideraciones de diseños son factores críticos en la reducción de la corriente de agua de tormenta y en el perfeccionamiento de la retención de agua en su propiedad.



Temas de la seguridad para tener en cuenta para estos diseños:

- Profundidad del agua estancada
- Control del vector
- Erosión del lugar
- Estabilidad de la inclinación

Ayude a proteger la calidad del agua en su Ciudad siguiendo las normas de calidad de agua de la Ciudad.

Por favor diríjase al **Manual de Guía de Agua de Tormenta** de la Ciudad BMP para detalles específicos a:

www.sbcreeks.com

(Bajo el vínculo "Programa de Manejo del Agua de Tormenta")

AMalanca@SantaBarbaraCA.gov
Tel: (805) 897-1910 Fax: (805) 897-2626

Todas las propiedades (y soluciones) son únicas; por favor asegúrese de consultar un profesional del diseño apropiado para los consejos de diseños/implementación.

City of Santa Barbara
Community Development
630 Garden Street
P.O. Box 1990
Santa Barbara, CA 93102

Ciudad de Santa Bárbara

GUÍA PARA EL DUEÑO DE CASA PARA ADMINISTRAR EL AGUA DE TORMENTA

Cosas simples que usted puede hacer para reducir el flujo del agua de tormenta y los contaminantes del agua de su hogar

...REDUZCA LA CONTAMINACIÓN DEL AGUA, LA EROSIÓN DE LOS ARROYOS, E INUNDACIÓN...

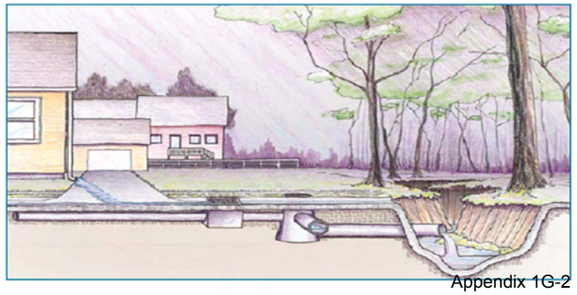
La Ciudad de Santa Bárbara produjo recientemente un Manual de Guía de Agua de Tormenta para ayudar a la gente a entender los requerimientos de la calidad del agua que aplican a sus proyectos.

Los requisitos están en efecto porque el agua de tormenta recoge contaminantes a medida que fluye a través de los techos, de aceras, de caminos de entradas, y calles.

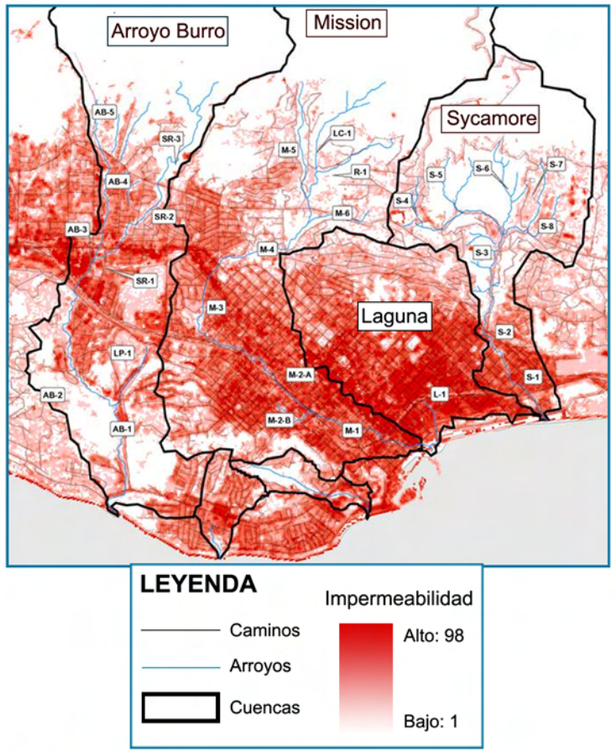
Desde allí, el agua de tormenta fluye a través de las cunetas, canales, y los desagües de tormenta, directamente hacia los arroyos locales y el océano, sin ningún tratamiento.

¡La corriente de agua de tormenta urbana es la fuente más grande de contaminación del agua de la superficie en Santa Bárbara!

¿Por qué enviar agua de lluvia a las calles sucias? Usted puede captar o redirigir el agua de lluvia para irrigar o para impregnarla en la tierra para un tratamiento natural y para volver a llenar las aguas subterráneas. Se puede utilizar el agua de tormenta como un recurso en lugar de derrocharla.



¡Santa Bárbara tiene muchas superficies (impermeable) duras!



¡Muchos de nuestros espacios abiertos y tierras naturales en los cuales **el agua solía penetrar** ahora se encuentran pavimentados o edificados! Por lo tanto, la Ciudad tiene más agua corriente que arrastra contaminantes a los arroyos y las playas que nunca.

¡Usted puede elegir diseños simples para captar y tratar el agua de tormenta!

Mover los tubos de desagüe de techos fuera de las áreas pavimentadas desvía el agua de lluvia de los canales de los techos a los patios y jardines (inclinación para afuera de la casa).

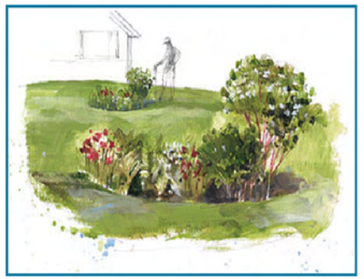
Esto le permite al agua a filtrar en la tierra. ¡Los tubos de desagües de techos deben tener un ángulo de al menos 4-6 pies fuera de la estructura para evitar que el agua dañe los cimientos!

La expansión del caudal extiende las corrientes sobre áreas naturales y permeables en lugar de concentrar la corriente en una tubería.

Se puede utilizar para expandir y filtrar la corriente de agua de los caminos de entrada, de los tubos de desagües de techos y de otros espacios abiertos.

Los jardines de agua de lluvias son depresiones del paisaje en su jardín que recogen y almacenan agua de tormenta, permitiéndole que se impregne, se evapore, y que nutra las plantas.

Estos jardines necesitan lados inclinados y plantas que puedan soportar agua estancada y sequía.



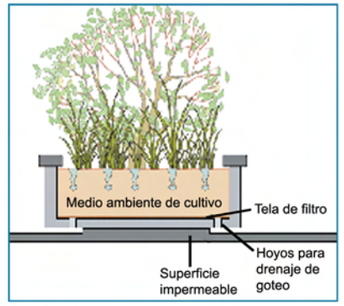
Para detalles del diseño, visite el Manual de Guía de la Ciudad online en www.sbcreeks.com o visite www.raingardennetwork.com.

Los barriles de lluvia están en contenedores de almacenamiento sobre la tierra que capturan el "primer momento" de correntada de los techos durante los acontecimientos de lluvia y almacenamiento de agua para el uso posterior.

Para ayudarlo a decidir cuán grande o cuantos barriles quiere comprar, hay una regla general de sentido común: ***1 pulgada de lluvia que cae en un techo de 1.000 pies cuadrados = ¡600 galones de agua!***

Primer momento = Comienzo de una tormenta de lluvia que acarrea el agua más contaminada. ¡Esto es lo que atrapan los barriles, y los contaminantes de las correntadas de los techos están generalmente bien para el riego de las plantas!

Los maceteros contenedores son contenedores que almacenan tierra y plantas, proporcionando áreas donde el agua se puede captar y limpiar naturalmente.

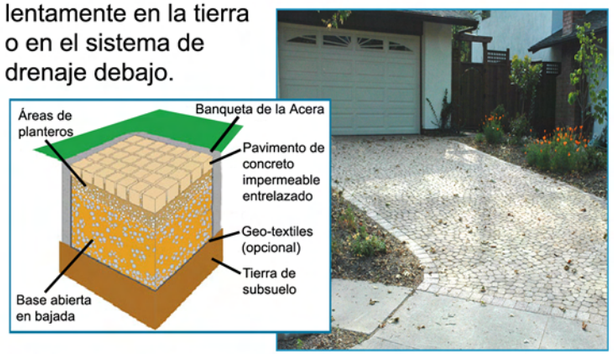


Estos se pueden construir para drenar lentamente dentro de la tierra (fondo abierto) o con un diseño de desborde. *¡Para tamaños y detalles, vea el Manual de Guía de la Ciudad!*

El almacenamiento de depresión es el uso de la depresión simple, tanto artificial o natural, para el almacenamiento de agua de tormenta para permitirle penetrar en la tierra.

Esto es similar a los jardines de agua de lluvia, pero su vegetación es generalmente gramilla u otro cobertor de tierra que es denso.

La calzada permanente contiene pequeños hoyos en el pavimento que permite que el agua pase a través de la gravilla de abajo, donde el agua puede penetrar lentamente en la tierra o en el sistema de drenaje debajo.



Existen muchas formas de pavimentación permeable, incluyendo concreto permeable, adoquines, empedrado de gramilla y empedrado de gravilla (la gravilla generalmente se permite solamente a 200 pies de una calle pública).

Las modificaciones de la tierra, como el humus, los fertilizantes, y el abono, alteran su tierra para permitirle gran infiltración, la cual reduce la corriente, filtra los contaminantes, aumenta la calidad de las plantas de su jardín, y reduce la erosión de la tierra (una vez plantada).

Las modificaciones de la tierra también aumenta la capacidad de mantener los nutrientes y mejorar la ventilación.

La franja de los caminos de entrada disminuye la cantidad de superficies duras limitando el área de pavimentación de su camino de entrada a pistas angostas para manejar.

Las pistas permeables del medio captura gotas de aceite de su auto, así como también absorbe el agua de tormenta.

Do Your Part...

Many people think that polluted water flowing into a storm drain gets treated, just like wastewater in a sewer system. IT DOESN'T.

URBAN RUNOFF FLOWS STRAIGHT TO OUR CREEKS AND OCEAN.

Prevent pollutants such as oil, soap, and pesticides, from flowing off your yard or driveway and keep trash away from storm drains.

For Clean Creeks and Healthy Beaches

PROJECT CLEAN WATER
County of Santa Barbara

Clean Creeks
HEALTHY BEACHES
CITY OF SANTA BARBARA

Learn more at sbcreeks.com or sbprojectcleanwater.org

Visit our booths at Earth Day on April 19!

10th Annual
CREEK WEEK
Friday, September 25th
• 9am-12pm - Tour of Coal Oil Point Reserve Meet at Cliff House, Coal Oil Point Reserve, longwell@lifesci.ucsb.edu
• 2-4pm East Storke Wetland Cleanup at UCSB Meet at Cheadle Center, UCSB, 757-0336, drichardson@lifesci.ucsb.edu
• 4-6pm Sycamore Creek Walk with Housing Authority City of SB ~ Bring the Family! Meet at 309 S. Voluntario, 897-1083, mlopez@hacsb.org
Visit www.sbcreekweek.com for event details and updates!
Clean Creeks HEALTHY BEACHES CITY OF SANTA BARBARA
PROJECT CLEAN WATER County of Santa Barbara
CITY OF GOLETA
Santa Barbara DAILY SOUND
Funded in part by hotel visitors through Measure B.
Saturday, September 26th
• 9am-3pm - Rain Barrel Sale with County Project Clean Water $120 value for only $50! SBCC Lot #3, Loma Alta & Shoreline 568-3546, fcrease@cosbpw.net
• 9am-12pm - San Pedro Creek Cleanup with City of Goleta Meet at Stow Open Space on Stow Canyon Rd. in Goleta, 961-7578, llarovere@cityofgoleta.org
• 10am-2pm - Introduction to Carpinteria Salt Marsh Reserve Meet at Carpinteria Salt Marsh entrance off Ave Del Mar, 893-7670, brooks@msi.ucsb.edu
• 1-4pm - "Trash Wars" Environmental Awareness Challenge with Youth CineMedia Arroyo Burro Beach, osiris@youthcinemedia.org
TRASH WARS
• 6:30-8:30pm - Steelhead Revival Presentation & Light Dinner Carpinteria State Beach Ampitheatre, 729-8787, mgomez@schabitatrestoration.org

Saturday, September 19th

- **9am-12pm - 25th Annual Coastal Cleanup Day**
  Various locations, www.lessismore.org/Programs/ccd2009.html
- **10am-12pm - Cleanup Carpinteria, Santa Monica, & Franklin Creeks**
  Meet at 5400 6th Street in Carpinteria, 729-8787
- **10am - Tour of Carpinteria Salt Marsh Nature Park**
  Meet at Park Entrance, Sandyland & Ash Avenue in Carpinteria, 684-8077
- **1-5pm - Creek Week Kick-Off with Art From Scrap ~ Bring the Family!**
  Watershed Resource Center, 2981 Cliff Dr. at Arroyo Burro County Beach Park, 884-0459 x16, afsgreenschools@artfromscrap.org

Sunday, September 20th

- **10am-12pm - "Where the Steelhead Live" Hike at Arroyo Hondo Preserve on the Gaviota Coast**
  Please RSVP to 567-1115

Monday, September 21st

- **12pm - Walking Tour of the Upper Las Positas Creek Restoration and Storm Water Management Project**
  Santa Barbara Golf Club, 3500 McCaw Avenue, 897-2658, LSmith@SantaBarbaraCA.gov
- **2pm - West Beach Cleanup**
  Meet at West Beach across from Sambo's, 845-6658, blair@twiinproductions.com

Tuesday, September 22nd

- **10am-2pm - Higgins Springs Cleanup & Weeding**
  Higgins Springs at Calle Ochoa in Carpinteria, 684-2525
- **1-3:30pm - Walking Tour of Carpinteria Salt Marsh Nature Park and Preserve**
  Meet at Salt Marsh Nature Park entrance on Ash Avenue in Carpinteria, 893-7670
- **3-4:30pm - Adams Elementary Bioswale Native Planting**
  897-2606, LSmith@SantaBarbaraCA.gov

Photo courtesy of the Land Trust for Santa Barbara County

Wednesday, September 23rd

- **5:30-7pm - Bird Walk with SB Audubon Society**
  Meet at 301 W. Cabrillo, jacksanford@hotmail.com

Visit www.sbcreekweek.com for event details and updates!

Thursday, September 24th

- **9am-12pm - Storm Drain Marker Replacement with Horny Toad Activewear**
  897-2658, LSmith@SantaBarbaraCA.gov
- **1-3:30pm Walking Tour of Carpinteria Salt Marsh Nature Park and Preserve**
  Meet at Salt Marsh Nature Park entrance on Ash Avenue in Carpinteria, 893-7670
- **5pm - Mission Creek Steelhead Recovery Project Tour and Cleanup with the EDC**
  Meet at the end of W. Valerio near Castillo in SB, RSVP to 963-1622

- **7pm - "Steelhead Revival Series" Community Forum**
  Farrand Hall, SB Museum of Natural History, 2559 Puesta del Sol, 729-8787, mgomez@schabitatrestoration.org

Friday, September 25th

- **9am-12pm - Tour of Coal Oil Point Reserve**
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Clean Creeks Healthy Beaches, City of Santa Barbara · Project Clean Water, County of Santa Barbara · City of Carpinteria · City of Goleta · Santa Barbara Independent · Ford Graphics · Santa Barbara Daily Sound · Audubon · Santa Barbara Museum of Natural History · Environmental Defense Center · CCC · HASB · Art From Scrap · Carpinteria Beautiful · YCTV

Funded in part by hotel visitors through Measure B.

10th Annual

CREEK WEEK

Mission Creek Lagoon photo by Tim Burgess

September 19 - 26, 2009

Creek Week is an annual community event celebrating our local creeks and the ocean with many local groups sponsoring events to help build awareness and stewardship of the natural treasures of Santa Barbara.

Participate in creek and beach clean-ups, restoration projects, native planting days, nature walks, tours, and more!

www.sbcreekweek.com

Clean Creeks Healthy Beaches City of Santa Barbara

Project Clean Water County of Santa Barbara

City of Goleta

Audubon

Santa Barbara Independent

Santa Barbara Daily Sound

Funded in part by hotel visitors through Measure B.

Appendix 1K

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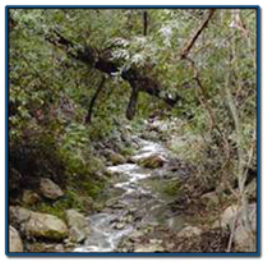

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Clean Creeks Healthy Beaches, City of Santa Barbara · Project Clean Water, County of Santa Barbara · City of Carpinteria · City of Goleta · Santa Barbara Independent · Ford Graphics · Santa Barbara Daily Sound · Audubon · Santa Barbara Museum of Natural History · Environmental Defense Center · CCC · HASB · Art From Scrap · Carpinteria Beautiful · YCTO

Funded in part by hotel visitors through Measure B.

IT ALL FLOWS TO THE OCEAN

WHEN YOU WASH YOUR CAR ON THE STREET...

Oil and detergents run into storm drains
which flow directly to the creeks & ocean,
polluting the water and harming wildlife.

WHAT CAN YOU DO?

Wash your car on grass or gravel to absorb the water,
or take it to a car wash where the water gets treated.

Clean Creeks
HEALTHY BEACHES
CITY OF SANTA BARBARA

www.sbcreeks.com

To report storm drain/creek pollution, call 897-2688. Funded by hotel visitors through Measure B.

Clean Creeks
HEALTHY BEACHES
CITY OF SANTA BARBARA
City of Santa Barbara
Creeks Division
www.sbcreeks.com
897-2658
Help Keep Our Creeks and Beaches Clean
Report Storm Drain/Creek Pollution: 897-2688
Ayuda a prevenir la contaminación del agua de los arroyos y del mar
Reportar contaminación de aguas: 897-2688
Funded by hotel visitors through Measure B

Help Keep Our Creeks
& Beaches Clean
Report Creek and
Storm Drain
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Clean Creeks
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City of Santa Barbara
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City of Santa Barbara Creeks Division
www.sbcreeks.com ~ (805) 897-2658
Funded by hotel visitors through Measure B
Clean Creeks
HEALTHY BEACHES

If it's on our streets, it's in our creeks!

Everything that enters the storm drain ends up in our creeks and flows to the ocean **untreated!**

That means that trash, pet waste, cigarette butts, yard waste, fertilizers and pesticides, and oil and chemicals from leaking cars are all polluting our creeks and ocean.

It's easy to help!

Properly dispose of trash, recycling, and cigarette butts, always pick up after your pet, sweep up and properly dispose of yard waste, use small amounts of non-toxic pesticides and fertilizers, and maintain your car regularly.

Clean Creeks
HEALTHY BEACHES

www.sbcreeks.com
897-2658

Help Keep Our Creeks & Beaches Clean!
Report creek and storm drain pollution: 897-2688

Ayuda a prevenir la contaminación del agua de los arroyos y del mar.
Reportar contaminación de aguas: 897-2688

Funded by hotel visitors through Measure B

Community Planting Day at Oak Park

Friday, April 10, 2009

Un Día Comunitario de Sembrar & Mejorar el Parque de los Robles (Oak Park)

What: Join the City of Santa Barbara Creeks Division for a Community Planting Day along Mission Creek at Oak Park.

Where: Meet at the south end of Oak Park near the parking lot at the end of Junipero St.

When: Friday, April 10 from 12:30pm to 3:30pm

Details: wear sturdy shoes & bring sun protection. Water is provided for volunteers.

For more information: 805-897-2658 **www.sbcreeks.com**

Funded by hotel visitors through Measure B.

CITY OF SANTA BARBARA Parks & Recreation *Enriching People's Lives*

Clean Creeks HEALTHY BEACHES CITY OF SANTA BARBARA

City of Santa Barbara
Creeks Division
620 Laguna Street
Santa Barbara, CA 93101

Presorted Standard
US Postage Paid
Santa Barbara, CA
Permit #553

The Clean Creeks Pledge

10-10-09
Harbor + Seafood Fest

Storm drains flow straight to the creeks and ocean. **I pledge to *consider the creeks*** and prevent pollution from my home and yard (lawn clippings, dirt, pet waste, soap, trash & chemicals) from entering the street or storm drain.

Name	E-mail	Want to receive Creeks E-News and learn about restoration opportunities?
JOE JUSKO	J JUSKO @ LEE-RE.COM	
Roger GILBER		
ANDY TAFF	atuff74@yahoo.com	
Ryan Ethington	redethics@gmail.com	
Debbie NIX	ndeborah33@yahoo.com	✓
JOEL SHEFFLIN	JOEL SHEFFLIN@gmail.Com	
Chava Riley	rileydevelopment@yahoo.com	✓
~~Charles Demangeat~~		
Marty Dugyal	laceandlumber@cox.net	✓
Noah Morales	Monkeyworldluv@hotmail.com	✓
Jill Dans	jillrdans2@cox.net	✓
ROBERT ERDMANN	ROBERT@ROBERTERDMANN.com	✓

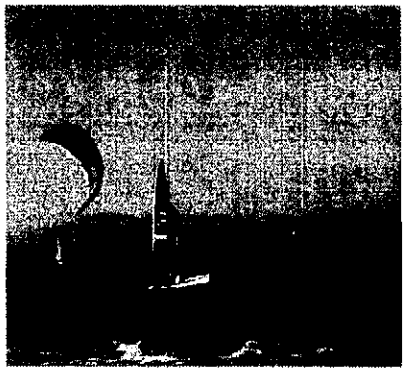
WRC Celebration
8-23-09

The Clean Creeks Pledge

Storm drains flow straight to the creeks and ocean. **I pledge to *consider the creeks*** and prevent pollution from my home and yard (lawn clippings, dirt, pet waste, soap, trash & chemicals) from entering the street or storm drain.

Name	E-mail	Want to receive Creeks E-News and learn about restoration opportunities?
LIZ SMITH	LSMITH@SANTABARBARACA.GOV	YES!
Kristi Dolberg	SBKristi@aol.com	
Andrew Dunn	dunn@umail.ucsb.edu	Yes! UCSB Environmental Affairs Board wants to volunteer!

Added 7/1/09 Synthetic Sea Forum 6-15-09

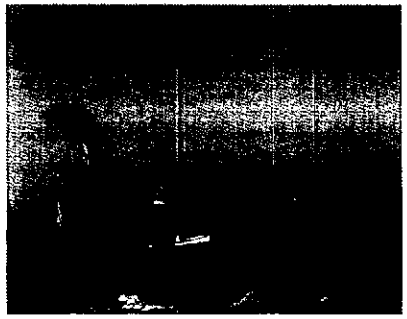


The Clean Creeks Pledge

Single-use plastics are rapidly polluting our creeks and oceans! I pledge to ***bring my own*** and reduce my use of disposable plastics.

Name	E-mail	Want to receive Creeks E-News and learn about restoration opportunities?
Liz Smith	lizsmith1979@hotmail.com	YES!
Jaclyn Smith	JaclynFSmith@gmail.com	yes
alicia glassco	alicia.glassco@gmail.com	~~xxx~~ yes
RENEE HAMATY	RHGRANDPIANIST@GMAIL.COM	YES ♡
Christopher Montgomery	cjean28@cox.net	
Scott Bull	scottbull@gmail.com	Yes
H. Bet	Heidibet@aol.com	yes

World Ocean Day
Festival @ Sea Center
6/6/09

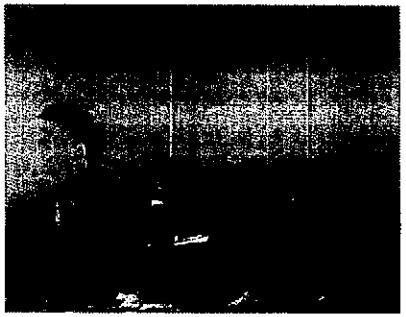


The Clean Creeks Pledge

Storm drains flow straight to the creeks and ocean. I pledge to ***consider the creeks*** and prevent pollution from my home and yard (lawn clippings, dirt, pet waste, soap, trash & chemicals) from entering the street or storm drain.

Name	E-mail	Want to receive Creeks e-news and learn about restoration opportunities?
LIZ SMITH	lizsmith@hotmail.com	YES!
John Beecham	jbeecham97@cox.net	Y
Jillian Hirsch	jillianjiggs@aol.com	yes
Sarah Green	sarahgreen16@gmail.com	yes
Melissa Hallock	garfield450@hotmail.com	yes

Earth Day - 45 pledges
4/19/09 31 emails



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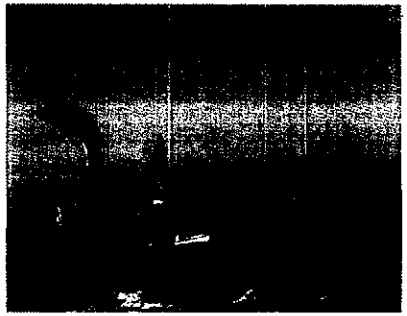
Name	E-mail	Want to receive Creeks e-news and learn about restoration opportunities?
Jessica Scheeter	jessica.scheeter@verizon.net	yes!
Susan Lentz		
Lauren Silverman		
Kathi D Backus		
George Ayres		
Candace Bych	~~contact~~ candacethecat@yahoo	YES
Michelle Nassif	mmmmspecialities@yahoo.com	—
Rossana Fleeks	argos40@aol.com	yes
Peggy Winkler	pwink@cox.net	no
R Winkler	RWINK5@CURIOUSPICTURES.COM	yes
Larry Hollingsworth	CARHOC@AOL.COM	NO
DOUG BINKLEY.	rdouglasbinkley@yahoo.com	YES.



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Name	E-mail	Want to receive Creeks e-news and learn about restoration opportunities?
Rod Rodr	rodneyrodr@me.com	yes
Jim Zeglar		
Judah Brody	Judah@goletatech.com	Yes
Riva Brody	riva@goletatech.com	Yes
Wes Hensley (Milo)	hensleywes@gmail.com	yes
Susan Galligan	susan@got2getorg.com	yes
PAT COSTELLO	Pat costello2002@yahoo.com	yes.
Terry Dunn	359 Palm Way Buellton	
Nick Vasilas	NVasilas@gmail.com	
Helga Ono	helgaono@gmail.com	
LAUREN SACCO	LTsacco@yahoo.com	yes
& the Sulartes		YES

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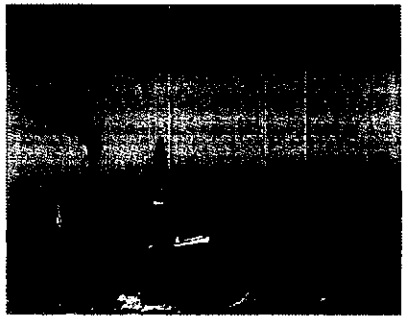
Name	E-mail	Want to receive Creeks e-news and learn about restoration opportunities?
ALFRED POMERLEAU	apypomerleau@verizon.net	Yes
Deb Monroe	deborahmonroe@gmail.com	Yes
Anne Martin	dancingannie444@aim.com	yes
Nina Makowska	~~[illegible]~~ roschudredfarie@yahoo.com	yes
Corey Radis	CRadis@cox.net	yes
Montana Marshall	Montanamarshall92@gmail.co.	yes
Sandy Campbell	scampybc@pacbell.net	yes
Renée M Alloy	SBMalloy@yahoo.com	yes
Elnya Brown Lawson	Second Baptist Church 1032 E Mason St. eonjiz@yahoo.com	yes
Ryan Kintz	ryankintz@yahoo.com	yes
Frank Jovich	redtailridge@hotmail.com	yes
Lisa Chrynko	SBBilla@aol.com	yes.



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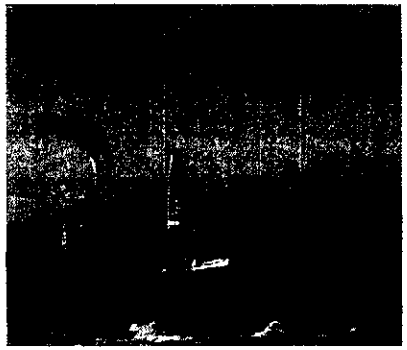
Name	E-mail	Want to receive Creeks e-news and learn about restoration opportunities?
Jon Pearl	jpearl99@gmail.com	yes X O #
Tyler Geck	saxman10212001@yahoo.com	yes.
Sarah Sisco	Sarah93108@yahoo.com	NO
Jeff Mefferline	JLM97@cox.net	No
Mark Chaconas	AM.CHACONAS@verizon.net	YES
Sue Nakao	raysue7@cox.net	yes
Bridget Newarez	bridgetfish@yahoo.com	YES
Dandi Lyon	DLYEON@YAHOO.COM	YES
Gonzalo Rios	Goldcleath2002@yahoo.com	yes

Solstice - 6/20/09



The Clean Creeks Pledge

Added 7/1/09

Storm drains flow straight to the creeks and ocean. **I pledge to *consider the creeks*** and prevent pollution from my home and yard (lawn clippings, dirt, pet waste, soap, trash & chemicals) from entering the street or storm drain.

Name	E-mail	Want to receive Creeks E-News and learn about restoration opportunities?
Liz Smith	Lizsmith1979@hotmail.com	YES!
Jeff Lawton	JeffLawton@Cox.Net	Aerial on FTP (Yes)
Kymberli Drummond	f4ufreak37@yahoo.com	YES
Sandra Gullett	sandra.gullett@gmail.com	yes
Eric Danner	edanner@gmail.com	Aerial (YES)
Michelle Lembeck	Miishi2u@yahoo.ca	Yes
Karen Christensen	Kic@cox.net	yes
KATHLEEN KORSAK	MYOGO@AOL.COM	yes!
Catherine Hall	cat.liz.hall@gmail.com	
Tawnya Gesner	kittendell@cox.net	yes!
Jose Castejon	JoseCastejon@gmail.com	yes!

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Name	E-mail	Want to receive Creeks E-News and learn about restoration opportunities?
CARLOS BENTON	PO Bt 4692	yes
Jesus M. Carrero	info@JcFotographics.com	✓ map
Remi Bordelon	rmbordelon@sbcc.edu	yes ✓

Clean Creeks Certified Business
Newly Certified!
Quality Detail
Certified Clean Creek Mobile Washing Businesses
Aficionauto Detailing
The Auto Detailing Teacher
Hog Wash
My Service Guys
SB Pressure Washing
Sun Shine Auto Detail
The City of Santa Barbara congratulates these mobile washing businesses for taking important steps to protect creek and ocean water quality and becoming Certified Clean Water Businesses.
To learn more, call 897-1912 or visit www.sbcreeks.com
Funded by hotel visitors through Measure B
Clean Creeks
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CERTIFIED BUSINESS

Clean Creeks Certified Business

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Cory Motors 429 E Montecito, 965-4581

International Authohaus 403 De La Vina, 965-8012

Higgins Muffler & Brake 324 E Haley, 564-1033

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A's Automotive, Ayers Automotive, Blanquette Automotive, Bowman's Auto Repair, Clark Motors, The Engine Company, Fast Lane 10 Minute Lube & Oil, HP Autowerks, Imported Auto Service, Jess Union Service, Lang Motors, Lara's Auto Repair, Muller & Gross, Munoz's Auto Repair, Powell Garage, Precision Automotive & Smog, Richard's Accurate, Smog-It, Schneider Autohaus, Superior Brake & Alignment, Swedemasters, Tire Pros, and Under the Hood Automotive

The City of Santa Barbara congratulates these automotive businesses for taking important steps to protect creek and ocean water quality and becoming Certified Clean Water Businesses.

To learn more, call
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Clean Creeks
HEALTHY BEACHES
CITY OF SANTA BARBARA
CERTIFIED BUSINESS

Clean Creeks Certified Business

Newly Certified!

Chuck's Waterfront Grill (113 Harbor Way)
Jeannine's Bakery (15 E. Figueroa Street)

Certified Clean Creek Restaurants

Aldo's Italian Restaurant - Arigato Sushi - Café Buenos Aires
California Pizza Kitchen - Chilango's Latin Gourmet
Elements Restaurant & Bar - El Paseo Restaurant
Garrett's Whale Tale Deli - Giovanni's Pizza State Street
Harbor Restaurant - Le Bon Café - Left at Albuquerque
Los Arroyos Downtown & Montecito - Louie's California Bistro
The Natural Café Hitchcock & Downtown - Pierre Lafond Bistro - Pizza Mizza
Rusty's Pizza Downtown, Lighthouse, & Upper State - Shalhoob's Restaurant
Shoreline Beach Café - Sojourner Café - State & A - Super Cucas
Via Maestro 42 - Wahoo's Fish Tacos

The City of Santa Barbara congratulates these restaurants for taking important steps to protect creek and ocean water quality and becoming Certified Clean Water Businesses.

To learn more, call 897-1910 or visit www.sbcreeks.com

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HEALTHY BEACHES
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$50.00 each tax included

Cash or Check ONLY

Come Early– Supply Limited

Santa Barbara County Water Resources and City of Santa Barbara Creeks Division

are pleased to host a

RAIN BARREL TRUCKLOAD SALE

Join together for a greener community and a healthier environment.

Saturday, Nov. 21st, 10 am – 2 pm

According to the EPA, one inch of rain falling on a 1000 square foot roof harvests up to 600 gallons of rainwater for use on your lawns and gardens without turning on a tap.

- 55 gallon capacity
- Includes stainless steel mosquito mesh
- Comes complete with accessories (overflow hose, clamp and spigot)
- Easy installation with existing downspouts

Santa Barbara City College

Parking Lot #3, Corner of Shoreline & Loma Alta

For more info about this event, please call (805) 568-3546.
To learn more about SYSTERN Rain Barrel please visit
www.norsemanenviro.com or www.sbwater.org/rainbarrel

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Findings from Opinion Research

2008 SANTA BARBARA STORM WATER STUDY

Executive Summary

Conducted for the City of Santa Barbara

GOODWIN SIMON VICTORIA RESEARCH

May/June 2008

METHODOLOGY

The City of Santa Barbara asked Goodwin Simon Victoria Research (GSVR) to conduct a telephone survey of residents and businesses to assess awareness of the causes and consequences of storm water pollution and to reduce pollution-causing behaviors. Initial research was conducted in 2002 and the current study tracks changes in behavior and assesses the success of education efforts made since that time.

The research was conducted in two phases: a survey of adult residents, and a survey of businesses. The study area consisted of the city of Santa Barbara, plus the nearby communities of Carpinteria, Summerland, and Goleta.

Residential Study

From May 17 to June 2, 2008, GSVR conducted a telephone survey of 600 adult residents in the study area. This includes 458 interviews drawn using a random-digit-dial sampling methodology, in which a randomly drawn list of all active residential telephone numbers in the study area served as the sample. We also completed 41 interviews using a random sample of wireless telephone numbers of local residents. Finally, we completed 101 extra interviews with Latino residents of the study area drawn from a commercially available list.

Results were combined and weighted for age and ethnicity to reflect expected demographic results among adults in the study region.

It should be noted that there are four differences in the sampling strategy between the 2002 and 2008 surveys.

First, the 2002 survey sample was drawn by intent to have proportionately more residents from the city of Santa Barbara than would happen randomly. Results were then weighted to reflect the actual geographic distribution of adults. In the 2008 survey, the sample was drawn so that the population distribution was random across the study region.

Second, the 2002 survey included a lower proportion of Latino respondents (about 26%, compared to 31% in this 2008 study).

Third, this study employed a listed sample of Latino residents to reach our desired proportion of Latinos, while the 2002 study did not use a listed sample. In general, those records found in listed samples tend to be more affluent and are less likely to be renters or to be transient.

Fourth, in this study 9% of the respondents were reached on wireless telephone numbers. No wireless numbers were contacted in the 2002 survey.

These differences in sampling should be kept in mind when evaluating differences in results between the 2002 and 2008 surveys.

The 2008 study was translated into Spanish and we had bilingual interviewers available. However, only 2% of the interviews were completed in Spanish.

The margin of error for findings from all 600 respondents is about plus or minus 4% at a 95% confidence level. That is, if this survey were to be repeated exactly as it was originally

conducted, then 95 out of 100 times the responses from the sample (expressed as proportions) would be within 4.0% of the actual population proportions.

Business Study

The business survey was conducted by telephone between June 3 and June 9, 2008. Interviews were conducted during regular business hours.

We completed a total of 300 interviews with businesses located in the study area. This includes an over-sample of 40 extra interviews with respondents who manage or own restaurants, and an over-sample of 40 extra interviews with respondents who manage or own auto repair businesses. In addition, we completed 5 extra interviews with people who operate mobile businesses.

The business contacts were obtained from commercially available lists of businesses. Restaurant, auto repair, and mobile businesses were identified based on NAICS codes.

We present the findings from the business study in three ways:

- Results from 214 businesses, including restaurant and automotive-related businesses. For these findings, we included results from businesses in the "main sample" (e.g. respondents selected randomly from the list of all businesses in the study area including the normal proportion of restaurants and automotive-related businesses). The margin of error for these findings are about plus or minus 6.6% at a 95% confidence level.

- Results from restaurants only, including those in the main sample and the over-sample. At N = 43, the margin of error for these findings is quite high: about plus or minus 15%.

- Results from automotive-related businesses only, including those in the main sample and those in the over-sample. At N = 59, the margin of error for these findings is about plus or minus 13%.

Given the high margin of error for findings from these two types of businesses, the reader should take caution in applying the survey findings.

Moreover, the number of responses from mobile businesses is generally too small for useful analysis and questions asked only of mobile businesses are not presented in this report.

When contacting businesses, the interviewer asked for *"the person in your business who would be responsible for dealing with rules or policies related to pollution prevention regulations."*

Where appropriate, we compare results from this study (with an N size generally of 214) with one conducted in a similar fashion for the city in 2002 with an N size generally of 225. We also compare results, where appropriate, with identical questions from the 2008 residential survey.

As a convention for describing results, we refer to respondents from the business survey as "businesses" "restaurants," or "auto repair businesses."

EXECUTIVE SUMMARY

Residential Study Findings

Overview:

The Creek Restoration and Water Quality Improvement Program Public Education Plan developed for the city by O'Rorke, Inc. set out five goals for the city's education effort to meet. This survey was intended to explore the progress the city has made in reaching four of these five goals, and to provide additional insight into views about storm water pollution causes and solutions.

The first goal was to increase public understanding of storm water pollution causes. The survey shows considerable success in reaching these goals.

- The proportion who knew that runoff from home washing of cars can cause pollution in storm drains increased from 32% to 53%. This exceeded the goal of raising awareness to 42%.

- The proportion who knew that dog waste is a serious problem if it ends up in storm drains increased from 44% to 63%. This exceeded the goal of raising awareness to 54%.

- The proportion who knew that pesticides are a serious problem if they end up in storm drains rose from 75% to 80%. This was an increase that came close to meeting the goal of 85%.

It should be noted that a change in methodology for this study compared to the 2002 study resulted in a sharp increase in the proportion of Latinos represented in the sample. As the survey shows that Latino residents tend to be somewhat less informed on storm water issues compared to whites, we would expect this change in the sample demographics to reduce evidence of gains made by the city's outreach effort. Thus that the survey shows the program actually exceeded two of its three awareness goals is very impressive.

A second goal was to increase understanding of the storm drain system. Evidence is more mixed of the success of the program in this area.

The proportion who knew that storm drain water is not treated fell from 54% to 42%. However, there was no real increase in the proportion who said incorrectly that the water is treated. Rather, there was a substantial boost in the proportion who were unsure. Much of this change appears to be a result of the different demographics in the 2008 sample.

The proportion who knew that storm water and sewage go in separate pipes fell slightly from 56% to 51%.

The third goal was to increase the percentage of those who express willingness to change behavior to reduce pollution. Again, we see broad gains in reported interest in behavioral change.

The 2008 survey does not have a question that directly matches the specific 2002 question cited in the plan. But, we do see an increase in the proportion who would sweep their driveway instead of washing it down from 36% to 42%. We see an increase from 37% to 45% in the proportion who would use nonpolluting alternatives to pesticides and fertilizers in their yard. We see an increase in the proportion who would pick up litter and trash in front of their homes from 41% to 46%. We see an increase in the proportion who would pick up their dog's waste from 22% to 31%. Finally, we see an increase in the proportion who would fix their car immediately if they saw oil stains under it from 46% to 56%.

The fourth goal is to increase the percentage who actually make a permanent change in their lifestyle to reduce pollution. The study finds evidence of this both for residents and for local business.

The residential survey found that 42% of those who saw information in the past year about pollution of storm water said they made changes in their lifestyle as a result. This includes taking cars to the carwash instead of home washing, cleaning up trash and litter, using fewer pesticides, and using less water. These are all examples of preventing storm water pollution that were seen in public outreach materials sponsored by the city.

Another criteria in the plan for judging the success of the city in meeting this goal is whether businesses made changes to reduce water pollution. We found that the proportion of restaurants who said they made changes in business practices to reduce storm water pollution rose from 30% to 65%. The proportion of auto repair businesses that made such changes rose from 62% to 71%.

Putting this in perspective, the survey finds that the city has made considerable progress in educating residents about actions they can take to reduce pollution of storm water. There also appears to be an increase in the proportion of residents who are "very interested" in learning more about how they can reduce pollution.

Further, we see very clearly that residents do not believe that actions contributing to storm water pollution are acceptable: 91% say it would bother them to see their neighbors acting in this way, and fully 79% said they would ask their neighbors to stop such behavior. In fact, only 33% say their neighbors wouldn't care about causing storm water pollution. For comparison, a recent survey we completed in San Diego found that 54% said their neighbors wouldn't care about causing pollution. Clearly the norms and expected behaviors in Santa Barbara are far different than in San Diego.

We also find widespread awareness of outreach efforts on this topic. Nearly three of four (71%) say they have recently seen information on preventing storm water pollution. **This is a sharp increase from 59% in 2002.**

Of those who have seen such information, 76% say they have seen something specifically from the city of Santa Barbara on this topic. Eighty-six percent of all respondents say they recall seeing at least one of the city's five ads or commercials that we mentioned to them. Those that had seen these ads were far more informed about how the storm drain system works.

The survey also finds relatively strong interest in actions such as a rebate program to help people purchase cisterns, rain gutter improvements, and especially in regular curbside household hazardous waste collection.

Finally, the **survey shows strong motivation to act,** with 63% who say they visited local creeks in the past year or two, and 93% who say they visited a local beach.

While the survey shows strong progress in interest in changing behavior, we do not see an increase in awareness of how the storm drain system works. We also see little progress in awareness that individuals are the largest source of pollution of creeks and the ocean.

This would suggest that the city focus in 3 areas in future communications:

- First, expanding the proportion of residents who "make the connection" that the actions they do at home can create – or prevent – pollution of creeks and the beach.

- Second, expanding the proportion of residents who understand that the polluted water that flows into their gutter is not treated. Obviously, these first two goals go hand in hand.

- Third, concentrating on asking residents to make one or two behavioral changes that meet two criteria: that they are important in terms of reducing pollutants and that people are very willing to do it. Examples might include cleaning up litter and reducing the use of pesticides in home gardens.

As was the case in the past, outreach efforts are especially needed in minority communities and among the less educated and less affluent residents. It was encouraging to see that among less affluent and non-white respondents who reported receiving materials on storm water pollution, there were higher proportions who said they would change their lifestyle compared to whites and more affluent respondents.

Finally, the survey suggests two barriers that outreach can address.

- First, we see that lack of time is a major barrier to action to reduce storm water pollution. So outreach should stress that small changes that require little or no time can make a big difference.

- Second, we found that many residents – 36% -- believe that cleaning up storm water pollution is something that "government should take care of." Helping people understand their role and responsibility both in causing the problem and in solving it will be vitally important. **This can and should be done in a positive way, giving people incentive and positive motivation to alter their behavior.**

<u>Summary of Specific Question Responses</u>

Understanding of the Storm Drain System

- **While there is a solid level of awareness of storm water issues and how the storm water system works, this awareness is far from universal and more education is clearly needed.**

  - **Just over six in ten (63%) know that water that runs into the gutter on their street ends up flowing into a storm drain. However, over one-third either are unsure (21%) or believe that this water does not end up in storm drains (16%).**

- **Only half (51%) know it is inaccurate that, *in your area, water that is flushed down toilets and water that goes down curbside storm drains all flow into the same underground pipes.* Three in ten (29%) believe this statement is true and 22% are uncertain.** There has been no change in awareness in this area since 2002.

- **Just 42% know that storm drain water is not treated before being discharged into creeks and the ocean. While only 12% believe incorrectly that the water is treated, fully 47% are not sure.** Compared to the 2002 survey, we see a decline from 54% in the proportion who said storm water was not treated, and an increase from 31% in the proportion who are not sure. The decline in awareness that the water is not treated may be due to the increase in minority participation in the 2008 survey, as understanding of these issues appears to decrease among non-whites and less affluent residents.

- **Six in ten say that it is not true that *most pollution of water in storm drains comes from a few big polluters*. However, nearly three in ten (29%) consider this statement true and 11% are not certain.** This suggests that residents need more education both to increase and solidify the belief that their actions, collectively, have more impact than industrial or other perceived "big polluters."

- **Related to the above finding, 47% say that residents are more responsible for creek and ocean pollution than business, industries, and farms. But 44% believe that business is at least equally responsible for the pollution. This reinforces the need for education on personal accountability for storm water pollution.**

Concern About Storm Water Pollution

➢ **Residents were presented with a list of items that often end up in storm drains before flowing into creeks or the ocean. The results show that concern about each item has increased since 2002 – including in the three areas where the City established goals to increase awareness of the problem. However, residents underestimate the impact of every day residential run-off on the environment, with low numbers expressing strong concern about the impact of dirt from driveways and sidewalks, leaves and grass clippings, lawn watering, and washing cars.** This may reflect a lack of knowledge, not only with how much these items can pollute water, but a lack of knowledge that water that flows down gutters ends up in storm drains and flows out to the ocean and creeks.

Nevertheless, the survey results show increased concern in all areas, including:

- Soapy run-off from when people wash their cars (32% serious concern to 53%, +21%)[1]. This proportion surpasses the goal established in 2002 to increase concern in this area from 32% to 42%.

- Trash and litter, such as fast food wrappers (the proportion concerned about this rose from 58% to 78%, +20%).

[1] The question wording was changed from 2002 when it read, "run-off from when people wash their cars."

- Dog waste (44% to 63%, +19). This proportion surpasses the goal established after the 2002 study to increase concern in this area from 44% to 54%.

- Run-off from commercial or retail businesses (53% to 65%, +12%).

- Run-off from restaurant activities (47% to 59%, +12).

- Motor oil (76% to 87%, +11%).

- Dirt from driveways and sidewalks (18% to 26%, +8).

- Leaves and grass clippings (14% to 22%, +8%).

- Run-off from when people water their lawns (23% to 29%, +6%).

- Lawn or garden fertilizers and pesticides (75% to 80%, +5%)[2]. This falls short of the goal established in 2002 to increase concern in this area from 75% to 85%. However, the change in question wording may account for the level of concern falling short.

- Paint (70% to 75%, +5%).

➢ **Despite a greater concern about a number of storm water pollutants, residents indicate a modest decline in urgency of concern about water pollution overall**.

- In 2002, 31% believed pollution of water at Santa Barbara beaches had increased in the last few years, with 19% saying there was much more pollution. At that time, just six percent believed there was less pollution, with 28% saying it was the same and 15% unsure.

- Today, a similar number believe pollution has increased, but a slightly lower 13% think there is "much more" pollution. The proportion who believe there is less pollution has doubled, from six percent to 14% (43% believe it has stayed the same and 14% are unsure).

➢ **Reflecting their concern about environmental pollution, the results show that residents would not tolerate their neighbors causing pollution of water in creeks or the ocean. Clearly, social norms in the Santa Barbara area are such that polluting behavior is not acceptable. In fact, only a third (32%) believe that their neighbors don't care about such pollution.**

➢

- Nine in ten (91%) agree that *it would really bother me if I saw a neighbor doing something that causes pollution of water in creeks or the ocean*.

- Eight in ten (79%) agree that *if I saw my neighbor doing something that caused pollution of water in creeks or the ocean, I would ask them to stop it.*

[2] The question wording was changed from 2002 when it read, "lawn and garden chemicals and pesticides."

- Nearly six in ten (58%) disagree that *most of my neighbors probably wouldn't care if something they normally do was causing pollution of storm drain water*. However, one-third (32%) agree with this statement (9% are uncertain).

Communications About Storm Water Pollution

- **Overall, 71% say they have seen or heard something in the last few years about ways to prevent pollution of water that flows into storm drains or creeks. This is up significantly from the 59% who gave this response in 2002.** [3]

- **Those who have received communications are more likely to be familiar with the storm water system and its issues.** Specifically, they are more likely:

  - to know that water that flows into street gutters goes into storm drains (66% of those who received communications to 55% of those who did not);
  - to know that storm water is not treated (49% to 26%);
  - to know they live in a watershed (26% to 13%);
  - to believe beach water pollution has increased (38% to 29%);
  - to consider it false that most pollution is caused by a few big polluters (67% to 45%);
  - to know that sewage and storm drain water do not flow into the same pipes (58% to 32%). In fact, those who have not received communications are twice as likely to believe both end up in the same pipes (46% to 21%);
  - to believe industry, business, and farms are a bigger source of pollution than residents (37% to 28%).

- **Three out of four (76%) of those who have received communications recall that what they heard came from the City of Santa Barbara. Furthermore, 86% of respondents could recall seeing at least one of the five English-language ads about which they were asked, including the television ads, newspaper ads or posters, and brochures (14% saw none of the ads).**

  - One-quarter had received just one of these six communications. Another one-quarter received two, 22% received three, and 16% received four or five communications.

Willingness to Change Behavior, Take Part in Programs, or Learn More to Reduce Pollution

- **Information has a significant impact on behavior. Just over four in ten (42%) residents say they have made changes in their behavior, lifestyle, or other actions as a direct result of seeing information in the past year or two about what polluted water in storm drains does to local creeks or the ocean.** Interestingly, while non-white, less educated, and

[3] The question wording changed slightly from 2002 to 2008.

less affluent residents are somewhat less likely to have received information, residents from these groups who have received the information are more likely than white, more educated, and more affluent residents to say they have made behavior changes as a result of what they learned.

- **Residents name a variety of changes they have made as a result of the information they received about polluted storm water, including taking their car to a car wash rather than washing it at home (22%), picking up trash and cleaning the gutters and streets (11%), not using fertilizers, pesticides, or chemicals (9%), not letting trash or leaves go down the gutters or drains (9%), not pouring oil or dirty water into creeks (9%), using less water (8%), washing their car on their lawn (7%) and using less soap (5%).**

- **Nearly eight in ten (79%) residents are interested in learning more about what they can do to reduce pollution of creeks and beaches.** Forty-four percent (44%) are very interested in doing so, a proportion that has increased from 31% in 2002.

- **Most residents are willing to take a number of actions (if they are not already doing so or if the item is applicable to them) to keep pollution out of storm drains to protect local creeks and the ocean.**

  - The actions of greatest interest to residents include: fixing their car if they see oil stains under it, picking up litter and trash in the gutter in front of their home, using nonpolluting alternatives to pesticides, and participating in a creek restoration project at a local park. There is considerably less interest in picking up other people's dog waste.

  - There is also some interest among homeowners in directing the downspout from their rain gutters to water their lawn, with 24% who said they would "definitely" do this.

- **Residents respond positively to different types of incentives for homeowners to help reduce storm water pollution on their property.**

  - Nearly nine in ten (87%) are likely to take part in regular curbside hazardous waste collection service. Seven in ten (70%) are likely to participate in a free program where an expert hired by the city helps you plan improvements to reduce pollution of water flowing from your property.

  - Two out of three (67%) would participate in a rebate program to help pay for rain gutter improvements to direct rainwater to your yard instead of the street.

  - An only slightly lower 63% would participate in a rebate program to help you purchase a rain barrel or cistern to capture rain falling on your roof. We see in this finding that programs that make certain actions less intimidating or costly will be effective in inspiring participation.

- **The biggest impediment to doing more to reduce storm drain pollution is time.** Half (50%) of the respondents admit that they would do more, but they "just don't have the time."

- A lack of knowledge is another serious impediment, with just under four in ten (38%) saying they do not do more because they do not know what they could do.

- Thirty-six percent say that solving the problem is something that "government should do."

- Another quarter (25%) say that they do not do more to reduce storm drain pollution because it is too expensive.

- Therefore, communications must clearly educate residents that they can make big improvements without any a burden in terms of cost and time by just changing every day habits.

Certified Clean Water Businesses

➢ **The vast majority of residents (86%) have not seen any restaurants, repair shops, or other businesses in Santa Barbara with a sign showing they were a Certified Clean Water Business. However, nearly two out of three residents (65%) say they would be more likely to visit a business officially certified by the city as a Clean Water Business.**

Use of Beaches and Creeks

➢ **Santa Barbara residents are water enthusiasts and, therefore, should be more receptive to communications if they effectively reach them**.

- As in 2002, high proportions of residents say they have visited a local creek in the area in the past two years, with 63% giving this response (compared to 66% in 2002). Likelihood of visiting a creek is higher among affluent residents, white residents, and homeowners. Those between the ages of 30 and 64 are more likely to visited a creek than those who are older and younger.

- Nearly all residents (93%) have visited a local beach in the last year or two (93%) – with high proportions of all subgroups giving this response. The response in 2002 was 86%.

Results Among Subgroups

➢ **There is a trend of higher socio-economic groups having more knowledge of storm water issues, in particular white residents, those more educated, and the more affluent.** While there is little difference by gender overall, men ages 50 or older express more knowledge as well. These groups are more likely to know that storm water is not treated, that they live in a watershed, that storm water and sewage do not flow into the same pipes, and that most pollution is not caused by just a few big polluters. In most categories, non-white residents are less informed, including fewer non-white residents knowing that water that runs down the gutter ends up flowing into a storm drain. We also see that these groups are less

likely to have received information about ways to prevent pollution of water that flows into storm drains or creeks.

- **Despite less information, the survey also reveals that lower socio-economic groups are generally more likely to believe pollution of Santa Barbara's ocean waters has increased**. While 47% of Latino residents and 43% of non-white residents generally believe there is more pollution now of Santa Barbara beach water than a few years ago, a lower 24% of white residents feel this way. This perception is also greater with those less educated, with 48% of those with a high school education or less giving this response compared to 26% of post-graduates. Residents earning less than $50,000 a year in household income are more likely to feel there is more water pollution than those more affluent as well (39% to 26%).

- Non-white, less educated, and less affluent residents are also more likely to say they made changes in their behavior, lifestyle, or other actions as a result of information they received about storm water pollution compared to white and more educated and affluent residents. For example, while 55% of Latino residents and 56% of non-white residents gave this response, a lower 34% of white residents did so.

Business Study Findings:

- **We find a level of understanding of storm drain system among businesses similar to that of residents.**

  - **Business respondents were about as likely as residents to know that water in storm drains is not treated** (48% for businesses compared to 42% of residents). We did see a decline in the proportion who correctly answered this question compared to the results of the 2002 business survey, in which 64% said that storm water is not treated. However, this might well be the results of chance differences in the type of business we reached given the small sample size for this study (for example, the mean number of employees per business among respondents was much lower this year compared to 2002, meaning we had many more small businesses this time) and many other possible variations in who responds to a survey like this.

  - Like residential respondents, **business respondents were more likely to say that residents were a greater source of ocean and creek pollution tham business**. One in four (25%) said that business was a greater source of pollution, while 50% said it was local residents.

- **Few businesses believe they release water or materials into storm drains, and we find an increase in the proportion that are taking action to prevent it.**

  - Among restaurants, 16% say their business practices result in water or other materials going into the street and gutters. The comparable figure for auto repair businesses is 12%, and for all other businesses it is 4%. These figures are very similar to what was found in 2002.

- Among those that did admit releasing such materials, one in four said they do not in fact cause any polluted water to enter storm drains. While this is a small number of businesses overall (only about 1% to 2% of all businesses), it does suggest the possibility of a disconnect between actions and the recognition of consequences among potential polluters.

- **Among restaurants, 60% say they are taking action to prevent storm water pollution. Among auto repair businesses, that figure is 71%**. (The number of other businesses qualifying for this question is too small for analysis). This compares favorably to the figures found in 2002: 30% of restaurants and 62% of auto repair businesses. **This suggests a significant increase in the number of such businesses who are trying to prevent pollution**.

➢ **25% to 35% of restaurants or auto repair businesses report outdoor use of water for cleaning. Nearly half the auto repair businesses report oil/fuel leaks from vehicles. Nearly three of four polluters say they are not sure how to prevent it.**

- About a third of restaurants and auto repair businesses report hosing down a sidewalk or street and using water for outdoor cleaning, and about one in four report using soaps or cleaning materials outdoors. Fewer report overflowing trash bins, washing of mats outside (15% of restaurants), moving of dirt, or outdoor use of chemicals or pesticides. However, 44% of auto repair businesses report fuel or oil leaks from vehicles.

- A follow up question found that 55% of restaurants say they have the equipment needed to wash mats indoors.

- Of those who do say that their business releases water or other materials into the streets, 68% say they are already doing everything possible to prevent polluted water from entering the storm drains. **However, 74% say they are not sure what to do to prevent this. So clearly there is at least some openness among such businesses to learning more**.

➢ **Businesses most affected by storm water regulations strongly support them.**

- Among restaurants, 84% approve of current regulations affecting what goes into storm drains. Among auto repair businesses, that figure is 63%. Among other businesses, the figure is 45% with 38% who are not sure.

- Nearly 80% of restaurants (79%) and 54% of auto repair businesses, along with 77% of all other businesses, support stronger enforcement of existing storm water regulations.

➢ **Most businesses do not report receiving information from city on storm water pollution prevention.**

- Twenty-three percent of restaurants, 32% of auto repair businesses, and 11% of all other businesses say they have received materials from the city on how to reduce pollution of creeks and the ocean. This proportion was similar among restaurants and auto repair businesses in the 2002 study. Large businesses were more likely than smaller ones to report receiving such materials. About one in four businesses that have received such materials report still having them.

- Of those who received the materials, 41% say their company made changes to their business "policy or practices as a result of reading those materials." That figure was 26% in 2002. This 2008 figure includes 60% of restaurants and 47% of auto repair businesses, plus 38% of other businesses.

➢ **Very high awareness of auto and restaurant regulations.**

- For auto repair businesses, 95% were aware that you cannot wash pavement if the water would go in the storm drain, and 93% were aware that you can't wash cars and have the water go into storm drains.

- For restaurants, 80% were aware that you can't wash sidewalks if the water goes in the storm drains, 73% knew it was illegal to wash mats outside, and 70% knew it was illegal to wash tables or floors outside.

➢ **Strong reactions to potential reasons and motivations to stop polluting storm drains, including city grant program.**

- Restaurants, mobile businesses, auto repair businesses, and all other businesses that say they release water into storm drains were read a series of statements about why they should take action to stop such activities. The most important statements (with 70% or more who said it the statement was very important in encouraging them to do more to stop allowing materials into storm drains) were that such actions would prevent creek and ocean pollution that creates a "major health hazard," that such actions might save them money and increase profits, and that such actions might attract more customers.

- **We also found 71% who said it would be very important in encouraging them to do more to stop such pollution if there was a grant program from the city to help pay for pollution prevention equipment**. About 60% said it would be very important if there were "substantial fines" for violators and if the city paid for ads telling customers they are a "clean water business." About 50% said it would be very important to them to get training from the city on how to prevent storm water pollution.

➢ **High demand for Spanish-language materials**

- Nearly two of three businesses, including 70% of restaurants, said they wanted materials on this topic to be in Spanish as well as English.

➢ **Limited awareness of Clean Business Program**

- Finally, 17% of all businesses and 31% of auto repair businesses were aware of the Certified Clean Business Program.

2. Public Involvement/Participation

Activity	BMP	Description/Implementation	Status					
			Implemented	Not Applicable	Modified	Effective	Unknown	Not Effective
Creeks Advisory Committee Meetings	2.1a	Hold monthly public meetings to discuss creeks, water quality and community outreach	X			X		
	2.1b	Air meetings on the City's Channel 18 television station and streaming video on City website.	X			X		
	2.1c	Post meeting agendas to the City's web site by the Friday prior to the meeting.	X		X	X		
	2.1d	Mail meeting agendas by the Friday prior to the meeting	X			X		
	2.1e	Dedicate at least one meeting annually to provide the public with the opportunity to review and comment on the SWMP.	X			X		
Project Clean Water Stakeholder Committee Meeting	2.2	Attend quarterly meetings to provide information and seek participation from stakeholders.	X			X		
Regional Coordination	2.3	Attend quarterly public meetings to provide information and seek participation from stakeholders in the City SWMP.	X			X		
Community Forum on Water Quality Issues	2.4a	Hold annual public water quality forum to receive community input about water quality issues.	X			X		
	2.4b	Air the forum on the City's Channel 18 television station in English.	X			X		
	2.4c	Air the forum on the City's Channel 18 television station in Spanish.	X			X		
	2.4d	Post forum flyer to the City's web site, via email and submit to community calendars.	X			X		
	2.4e	Advertise meeting in local daily and weekly newspapers.	X			X		
Community Volunteer Projects	2.5	Conduct at least one creek clean-up per year and solicit participation in storm monitoring program.	X			X		

BMP 2.1 Creeks Advisory Committee Meetings

Measurable Goal 2.1a: *12 meetings.*

Status: During 2009, there were 12 publicly noticed meetings of the Creeks Advisory Committee, including Regular Meetings held on January 14, March 11, June 17, July 15, November 18, and December 16. Special Meetings of the Committee were held on March 27, May 13, and September 16. The Budget Subcommittee met on February 12 and April 22, and a Site Visit was held on August 12.

Proposed Modifications: None.

Proposed Year 2 Activities: Ongoing.

Measurable Goal 2.1b: *36 airings and archive on web for one year.*

Status: During 2009, there were 32 airings of Creeks Advisory Committee meetings. Several meetings were held in off-site locations that are not set up for filming, so these were not televised. City staff will work with City TV to ensure that this goal is met next year (Year 2).

The January 14 Creeks Advisory Committee meeting was broadcast live on City TV Channel 18, and aired again four times (January 16, 20, 23, and 28). The March 11 Creeks Advisory Committee meeting was broadcast live and aired again seven times (March 13, 20, 21, and April 8, 10, 11, and 17).

The May 13 meeting was broadcast live, and aired again three times (May 15, 22, and 23). The June 17 meeting was broadcast live, and aired again three times (June 19, 20, and 26). The July 15 meeting aired live, and aired again three times (July 17, 24, and 31).

The November 18 meeting aired live, and aired again twice (November 20 and 27). The December 16 meeting aired live, and aired again three times (December 18, 25, and 26).

All meetings were archived online at *www.sbcreeks.com*, where they will remain available for at least one year from the meeting date.

Proposed Modifications: None.

Proposed Year 2 Activities: Ongoing.

Measurable Goal 2.1c: *12 postings.*

Status: For the regularly scheduled January 14 and March 11 meetings, both held on Wednesdays, the agendas were posted the Thursday prior to the meeting date (1, 2). The agenda for the Budget Subcommittee meeting held on Thursday, February 12 was also posted the Thursday prior to the meeting (3). The agenda for the Special Meeting held on Friday, March 27 was posted one day before the special meeting to address an urgent issue, and staff took appropriate measures to meet the noticing requirements of the Brown Act (4).

For the April 22 Budget Subcommittee meeting, the May 13 Special meeting, and June 17 Regular meeting, all held on Wednesdays, agendas were posted the Thursday prior to each meeting date (5, 6, 7).

For the July 15 Regular meeting, the August 12 Site Visit, and the September 16 Special meeting, all held on Wednesdays, agendas were posted the Thursday prior to each meeting date (8, 9, 10).

For the November 18 and December 16 Regular meetings, both held on Wednesdays, agendas were posted the Thursday prior to the meeting date (11, 12).

Proposed Modifications: Modify this Measurable Goal to read; "12 postings - All meeting agendas to be posted according to Brown Act requirements."

Proposed Year 2 Activities: Ongoing.

Measurable Goal 2.1d: *Distribute agendas to mailing list of 250.*

Status: The Creeks Division distributes agendas for each meeting via mail to a list of interested community members, Committee members, appropriate staff, local news organizations who have requested to receive agendas, and liaisons. Email notice is sent with a link to the agenda to subscribers to the City's E-Subscriptions notification list, as well as a separate list of interested parties and news organizations that the Creeks Division maintains.

At the start of 2009, there were 225 people on the email list and 56 people on the regular mailing list, for a total of 281 community members receiving the meeting notice. Throughout the year, an additional 58 people signed up for email notifications, and one person was removed from the regular mailing list, for a total of 338 at the end of 2009.

Proposed Modifications: None.

Proposed Year 2 Activities: Ongoing.

Measurable Goal 2.1e: *1 meeting (dedicated to SWMP).*

Status: The Creeks Advisory Committee received a presentation on the SWMP at the July 15 meeting. (See Appendix 2A).

Proposed Modifications: None.

Proposed Year 2 Activities: Ongoing.

BMP 2.2 Project Clean Water Stakeholder Committee Meeting

Measurable Goal 2.2: *4 meetings (one quarterly).*

Status: Creeks Division staff attended three of the four Project Clean Water County stakeholder meetings in 2009 (held at the Watershed Resource Center at the County's Arroyo Burro Beach):

- January 2009
- April 2009
- July 2009

- October 2009 – City staff failed to attend.

Proposed Modifications: None.

Proposed Year 2 Activities: City staff will be committed to attending all four meetings in 2010.

BMP 2.3 Regional Coordination

Measurable Goal 2.3: *4 meetings (one quarterly).*

Status: Creeks Division staff attended the County's four Project Clean Water Regional Committee meetings in 2009 (held at the Cachuma Lake public meeting room):

- January 2009
- April 2009
- July 2009
- October 2009

Proposed Modifications: None.

Proposed Year 2 Activities: Ongoing.

BMP 2.4 Community Forum on Water Quality Issues

Measurable Goal 2.4a: *1 meeting.*

Status: The "Synthetic Sea" Community Forum took place on Monday, June 15, featuring Dr. Marcus Eriksen and Anna Cummins of the Algalita Marine Research Foundation. The Forum focused on trash and plastic marine debris in the oceans and solutions for the community. Local organizations including Art From Scrap, Channelkeeper, Surfrider Foundation, Healing Oceans Together, and Jean-Michel Cousteau's Ocean Futures Society provided informational booths, and approximately 65 community members attended.

Proposed Modifications: None.

Proposed Year 2 Activities: Ongoing.

Measurable Goal 2.4b: *4 airings (English).*

Status: The "Synthetic Sea" Forum aired on City TV Channel 18 on June 16, 17, 19, twice on June 20, and again on June 22, 26, and 30, for a total of 8 English airings. It was also archived online.

Proposed Modifications: None.

Proposed Year 2 Activities: Ongoing.

Measurable Goal 2.4c: *2 airings (Spanish).*

Status: The "Synthetic Sea" Forum aired on City TV Channel 18 in Spanish on July 29, August 2, 9, 16, 23, and 30, and September 13 and 20, for a total of 8 Spanish airings.

Proposed Modifications: None.

Proposed Year 2 Activities: Ongoing.

Measurable Goal 2.4d: *4 postings (flyer online, via email, and to community calendars).*

Status: The "Synthetic Sea" Forum flyer (Appendix 2B) was posted in local businesses and on community bulletin boards, online at www.sbcreeks.com as well as on the City's homepage at www.santabarbaraca.gov, and online on various community calendars. A postcard was produced and mailed to the Creeks Division's community mailing list of approximately 300 community members, a link to the flyer was emailed via the Creek Division e-news to approximately 38 community members, and emailed to all City staff. Radio ads promoting the forum were also broadcast in English and Spanish on several local radio stations the week leading up to the Forum. A "screen shot" was produced and ran on City TV Channel 18 (Appendix 2C).

Proposed Modifications: None.

Proposed Year 2 Activities: Ongoing.

Measurable Goal 2.4e: *Place 2 advertisements (local daily and weekly newspapers).*

Status: Quarter page, full color print ads for the Forum ran in the Thursday, June 11 issue of *The Independent* (weekly publication) and the Saturday, June 13 issue of *The Daily Sound* (daily publication) (Appendix 2D).

Proposed Modifications: None.

Proposed Year 2 Activities: Ongoing.

BMP 2.5 Community Volunteer Projects

Measurable Goal 2.5: *20 participants in a creek clean-up and 6 volunteers for storm monitoring.*

Status: Creek clean-ups were held in October and November with staff and community volunteers, for a total of 15 participants over four days. Another 15 community members participated in a clean-up at Sycamore Creek on May 30. The City also coordinates local Adopt-a-Beach activities, which included a total of 238 volunteers at 28 beach clean-ups.

During 2009, one community member joined staff during storm monitoring, and another expressed interest (although staff did not sample another event prior to the end of the year to allow an opportunity for him to volunteer), for a total of two volunteers. In October, a call for storm monitoring volunteers was included in the Creeks Division's email newsletter. Staff will continue to seek volunteers.

Proposed Modifications: Storm monitoring is a difficult task for volunteers because it often involves going out at odd hours (middle of the night). This measurable goal needs to be changed to say; *20 participants in a creek clean-up and maintain a list of potential volunteers (2-4) to assist with storm monitoring.*

Proposed Year 2 Activities: Staff will actively seek out additional storm monitoring volunteers for the list via the monthly email newsletter, website, word-of-mouth, and other outreach efforts.

MCM 2 Attachments

City of Santa Barbara
Parks and Recreation Department

Memorandum

DATE: July 15, 2009

TO: Creeks Restoration/Water Quality Improvement Program Citizen Advisory Committee

FROM: Autumn Malanca, Water Resources Specialist

SUBJECT: **STORM WATER MANAGEMENT PROGRAM STATUS REPORT**

COMMITTEE DIRECTION – FOR DISCUSSION
That the Committee receive a status report on the City's Storm Water Management Program.

DISCUSSION
The Clean Water Act National Pollutant Discharge Elimination System (NPDES) Phase II regulations govern storm water discharges from municipalities that operate storm drain systems. Under California State law, the State Water Resources Control Board (Water Board) and its regional agencies are responsible for implementation of NPDES regulations. In response to these requirements, the City of Santa Barbara prepared a Storm Water Management Program (SWMP) designed to reduce the discharge of pollutants to protect water quality. The SWMP defines guidelines and requirements (best management practices or "BMPs") for the protection of water quality and the reduction of pollutant discharges.

The SWMP was prepared and is implemented by a team of City staff from the Parks & Recreation, Public Works, Community Development, Waterfront, Airport, and Fire Departments. The Creeks Division has provided overall coordination and administration of the SWMP since preparation of the program began in 2003. Over the past five years, the City's SWMP has evolved and City staff has informally administered implementation. In January 2009, the SWMP was approved by the Water Board. This approval kicked off "Year 1" of formal City SWMP implementation and required annual reporting.

City of Santa Barbara SWMP Overview and Highlights
The City's SWMP contains six program elements to comply with the NPDES regulations. These program elements are referred to as "Minimum Control Measures." They represent the following sections in the SWMP:

1. Public Education and Outreach
2. Public Participation/Involvement
3. Illicit Discharge Detection and Elimination
4. Construction Site Storm Water Runoff Control
5. Post Construction Storm Water Management
6. Pollution Prevention/Good Housekeeping for Municipal Operations

Specific BMPs are identified in the SWMP under each of these elements.

The Creeks Division SWMP responsibilities primarily lie in the Public Education, Public Participation, and Illicit Discharge Detection and Elimination (as well as assisting other City staff in implementing Post Construction Storm Water Management designs into proposed development and redevelopment). All BMPs in the SWMP focus on pollutants of concern in Santa Barbara. Some are existing management practices that the City has had in place for years, and some are new or revised practices designed to comply with the water quality regulations. For example, the Creeks Division enforcement program has been expanded to include more outreach and education elements focusing on water quality to comply with the SWMP, such as the Clean Water Business Certification Program.

<u>Public Education and Outreach / Participation and Involvement</u>
An education/outreach Year 1 SWMP requirement that the Creeks Division is currently working on is the Storm Water BMP Guidance Manual Trainings. The trainings focus on the content and implementation of the City's recently developed (June 2008) Guidance Manual. The Creeks Division hired Geosyntec, the consulting firm that produced the Manual, to produce a power point presentation and handouts. Geosyntec, with the help of Creeks Division staff, are conducting the training workshops for two target audiences – City staff and local design and implementation professionals. The training workshops educate the target audiences on aspects of the Manual that specifically pertain to their roles and responsibilities. Two workshops were held in June for City staff (one workshop was recorded by City TV), and a third and final workshop for local design professionals will be held in late July or early August, 2009.

<u>Illicit Discharge Detection and Elimination</u>
Another SWMP requirement that the Creeks Division is currently working on is the Storm Water Ordinance Audit. The audit is the first step in the City's preparation of a Storm Water Ordinance, also required by the City's SWMP, which will address storm water pollution and illicit discharge detection and elimination. The Ordinance Audit will identify all City ordinances, policies, and guidelines that conflict (or could conflict) with (1) NPDES requirements, (2) SWMP requirements, and/or (3) the Storm Water BMP Guidance Manual. The audit will also assess the internal consistency of City regulations and goals and these three main storm water documents with respect to storm water management, water quality, flooding, and creek and riparian resources. The results of the audit will simply identify and assess conflicts for later resolution. Identifying these conflicts also addresses the Post-Construction Storm Water Management measure in the SWMP by highlighting the existing City barriers/conflicts to

implementing storm water management designs that the NPDES, SWMP, and Guidance Manual guidelines promote. The audit will be completed in August 2009.

Illicit discharges within the City are also addressed through the Creeks Division's enforcement program. The Creeks Division manages an "enforcement hotline" (897-2688) that is advertised to City staff and residents for reporting illicit discharges (any polluted runoff that flows or may flow to the storm drain system). One Creeks Division staff person is designated to answer and respond to the hotline calls (and/or emails) full time. For example, approximately 50 calls were received last quarter (April through June 2009), and the Creeks Division is committed in the SWMP to following up and resolving the discharge issues 100% of the time.

Construction Site Storm Water Runoff Control

Other city departments and divisions are also working on SWMP implementation to satisfy the Year 1 requirements and prepare for upcoming requirements listed as BMPs for Years 2-5. The Building Division has a SWMP focus on construction site storm water runoff control. Building staff are inspecting erosion control BMP implementation at construction sites for annual reporting requirements and tracking their stop work orders and/or fines when contractors are not in compliance.

During January through March 2009, approximately 325 projects were inspected for erosion/sediment control measures. There was one project that was a repeat offender for erosion control issues in January and February. One "stop work order" and approximately 20 correction notices were issued throughout the rainy season due to the improper installation of erosion control measures and site failures.

Post-Construction Storm Water Management

The Community Development Department has a SWMP focus on post-construction storm water management, which requires the design and implementation of specific infiltration and/or water capture BMPs into development and redevelopment within the City (bioswales, infiltration designs, rain barrels, etc.) for compliance with the SWMP's runoff volume, rate, and water quality treatment requirements. The City's Storm Water BMP Guidance Manual and a "Homeowner's Brochure" has been developed as an outreach tool to help residents comply with these post-construction storm water management requirements. These brochures are now being distributed at the City's walk-in planning counter, and the Guidance Manual is posted on the Community Development and Creeks Division websites. Community Development is tracking the implementation of these design requirements for residential, commercial, industrial, mixed use, and public works development and redevelopment projects for annual reporting to the Water Board.

Another Planning Department SWMP requirement that is currently being tracked is the progress of the City's Plan Santa Barbara update (i.e. General Plan Update). The SWMP requires that the scope of the General Plan and affiliated EIR includes policy changes that will continue, update, and expand programs that specifically support watershed planning and water quality improvement. The General Plan Update process

and EIR is being tracked and the Planning Department will report on the outcome in Year 2.

Pollution Prevention/Good Housekeeping for Municipal Operations

Implementing pollution prevention and housekeeping BMPs throughout all the City operations is an existing and ongoing requirement that is now being tracked for SWMP reporting. All operational City divisions and departments have pollution prevention plans (or are producing formal plans this year for submittal in the Annual Report) and required BMPs that prevent polluted runoff from entering the storm drain system. Some examples of pollution prevention and good housekeeping BMPs include keeping maintenance wastes onsite and containing wash water by not hosing, using mop buckets for containment, and/or wet/dry vacuums for waste water retrieval. The Creeks Division trains City staff annually on these water quality protection measures. Approximately 250 staff are trained through 13 training sessions. This year's training sessions began in May and will be completed by August, 2009.

Reporting Requirements

The BMPs in the SWMP have measurable goals that are designed to measure the success of each practice in protecting water quality. As of January 2009, the City of Santa Barbara is required to submit an Annual Report on the SWMP's measurable goals and progress. The reporting period is January – December, with the Annual Report due to the Water Board on April 1st of the following year. The Creeks Division is administering a quarterly reporting requirement with City Departments and Divisions so the Annual Report can be compiled quarterly, rather than all at the end of the year. The SWMP is in place for five years (2009-2013). After five years, City staff and the public will review the overall success of the SWMP, and any necessary updates, revisions, and improvements can be made to the program.

Next Steps

The City is six months into the first year of formal SWMP implementation and reporting requirements. The coordination effort is large with 13 departments and divisions all implementing and tracking hundreds of required BMPs and measurable goals. City staff are still learning their individual responsibilities and becoming familiar with these new tracking and reporting requirements. Despite this learning curve, the City is on track to meet the annual SWMP reporting requirements.

cc: Cameron Benson, Creeks Manager
Jill E. Zachary, Assistant Parks and Recreation Director

Synthetic Sea

A Free Community Forum

Dr. Marcus Eriksen, who sailed to Hawaii last summer on a ***JUNKraft*** made of 15,000 plastic bottles, will be stopping in Santa Barbara along with Anna Cummins on their 2,000 mile bicycle ***JUNKride*** from Vancouver to Tijuana to raise awareness of the "plastic soup" polluting our oceans.

The Algalita Marine Research Foundation found a plastic to plankton ratio of 46 to 1 in their 2008 ocean study!

Learn more about their "Message in a Bottle" Project.

Monday, June 15th, 6:30 - 8pm

Cabrillo Pavilion Arts Center, 1118 E. Cabrillo Blvd.

Refreshments Provided

Clean Creeks Healthy Beaches – City of Santa Barbara

Project Clean Water – County of Santa Barbara

Algalita Marine Research Foundation

Santa Barbara Channelkeeper®

Surfrider Foundation – Santa Barbara Chapter

Jean-Michel Cousteau's Ocean Futures Society

Art From Scrap

Forum sponsored by the City of Santa Barbara Creeks Division and County Project Clean Water.
Partially funded by hotel visitors through Measure B.

For information call 897-2658 or visit www.sbcreeks.com

Synthetic Sea

A Free Community Forum

Monday, June 15th

6:30-8pm

Cabrillo Arts Pavilion,

1118 E. Cabrillo Blvd.

Refreshments Provided

Dr. Marcus Eriksen and Anna Cummins will stop in Santa Barbara on their 2,000 mile bicycle ***JUNKride*** from Vancouver to Tijuana to promote awareness of the "plastic soup" polluting our oceans.

Clean Creeks HEALTHY BEACHES CITY OF SANTA BARBARA

PROJECT CLEAN WATER County of Santa Barbara

www.sbcreeks.com

(805) 897-2658

Funded in part by hotel visitors through Measure B

Synthetic Sea

A Free Community Forum on Plastic Marine Debris

Monday, June 15, 6:30 - 8:00pm

Cabrillo Pavilion, 1118 E. Cabrillo Blvd.

Refreshments provided

Dr. Marcus Eriksen, who sailed a raft of 15,000 plastic bottles from Long Beach to Hawaii last summer, will stop in Santa Barbara with Anna Cummins on their 2,000 mile bicycle ***JUNKride*** from Vancouver to Tijuana to raise awareness of the "plastic soup" polluting our oceans.

Learn how to get involved locally with organizations including SB Channelkeeper, Art From Scrap, Surfrider Foundation, Ocean Futures Society, Healing Oceans Together, and more!

805-897-2658 ~ sbcreeks.com

Clean Creeks HEALTHY BEACHES CITY OF SANTA BARBARA · PROJECT CLEAN WATER County of Santa Barbara · JUNK RIDE 2009 · ELEANITA

Forum sponsored by the City of Santa Barbara Creeks Division and County Project Clean Water.
Funded in part by hotel visitors through Measure B.

3. Illicit Discharge Detection and Elimination

Activity	*BMP*	*Description/Implementation*	*Status*					
			Implemented	**Not Applicable**	**Modified**	**Effective**	**Unknown**	**Not Effective**
Storm Sewer System Mapping	3.1	Maintain and update storm sewer system map via GIS.	X			X		
Municipal Code Enforcement; Document and respond to complaints of illicit discharge and other relevant enforcement issues	3.2a	Maintain database of incoming complaints and enforcement cases that staff identify.	X			X		
	3.2b	Produce and distribute response cards for complainants and include program evaluation survey on cards.	X				X	
	3.2c	Abate illicit discharges through education and outreach, patrols, call response, Notices of Violations, and Citations.	X			X		
Complete review and revision of ordinances that regulate illicit discharges	3.3a	Evaluate current ordinances to determine need to update.	X			X		
	3.3b	Hold public workshops and hearings.		X				
	3.3c	Ordinance adoption.		X				
Field Investigation and Abatement	3.4	Conduct field investigations and follow up with abatement procedures.	X			X		
Inventory of businesses and industries to be monitored for illicit connections and/or discharges	3.5	Create inventory of all Attachment 4 listed businesses and industries to be monitored for potential illicit connections and/or discharges.	X			X		
File a Notice of Intent to discharge water from the water distribution system pursuant to the RWQCB's General NPDES Permit for Discharges with Low Threat to Water Quality (Order No. R3-2006-0063)	3.6	File the Notice of Intent and maintain appropriate records.		X				
Document responses to septic system pumper inspection reports and identify deficiencies	3.7	Create and maintain database of inspection reports and enforcement responses.	X			X		
Inventory commercial facilities 100,000 square feet or greater	3.8	Identify and locate using GIS technology.	X			X		
Inspect commercial facilities 100,000 square feet or greater	3.9	In conjunction with the business outreach program.	X			X		

Activity	*BMP*	*Description/Implementation*	*Status*					
			Implemented	Not Applicable	Modified	Effective	Unknown	Not Effective
Inventory parking lots of 10,000 square feet or greater (or space for 25 or more cars)	3.10	Identify and locate using GIS technology.	X			X		
Monitor maintenance of and BMP application to parking lots of 10,000 square feet or greater (or space for 25 or more cars)	3.11	Work in conjunction with existing enforcement programs, Business Certification Program, & permit applications to monitor, apply and maintain appropriate BMPs.		X				
Complete a study of BMPs for washing sidewalks	3.12	Contact coastal communities, survey BMPs and identify costs and other issues.	X			X		
Implement selected sidewalk washing BMPs	3.13	Identify needs and propose budget.	X			X		
Connect City swimming pool to sanitary sewer	3.14	Develop design, make infrastructure drainages to provide pipe connection.	X			X		
Illegal Discharge Training	3.15	Provide annual training to all City employees that perform activities that are covered by this permit.	X			X		

BMP 3.1 Storm Sewer System Mapping

Measurable Goal 3.1: *Update map regularly to reflect any drainage retrofits or alterations.*

Status: The City's GIS Department, who manages and updates the City's storm drain maps, made the following revisions in 2009 to reflect storm drain retrofits and/or alterations:

- Added new 66" RCP to existing pipe in front of Harding School (1625 Robbins) along the southern side of street, to the intersection of Valerio Street and Clearview Road.

- Added new Drop Inlet at the NW intersection of Mountain Avenue. Added new Catch Basins along the SW intersection of same location. Added new Catch Basin at the same intersection, but on W. Valerio Street., at the SW intersection. Added last catch basin across the southern side of W. Valerio Street.

- Added two new Drop Inlets at the intersection of W. Valerio Street & Clearview Road, on Clearview, and added one new Drop Inlet approx 50ft southwest of the intersection of W. Valerio and Clearview. Added three new catch basins along W. Valerio, approx 100 ft from the intersection of W. Valerio and Clearview.

- From newly installed main on Clearview Road, connected another new 36" RCP Main along the northern side of Clearview to the intersection of Clearview and Manitou Road. Added new catch basin in front of 1817 Clearview. Added new 36 in RCP from the intersection of Clearview & Manitou to end in front of 1106 Manitou. Added new drop inlet in front of 1106 Manitou. Added new catch basin in front of 1112 Manitou. Added new drop inlet in front of 1111 Manitou.

- Verified the placement of the new drop inlets along Gutierrez Street. Surveyor verified that there was no installation of the 18"x18" drop inlets along Gutierrez. No mapping performed.

- Added a new drop inlet (City owned) at the Southwest region of the La Vista Del Oceano Road Extension Cul-De-Sac. The drop inlet connects to a private storm drain both above and below the drop inlet.

- Updated StormGIS using the plans that document the "Cottage Hospital" project. Completed the update per drawing and survey file provided by the City Surveyor.

Proposed Modifications: None.

Proposed Year 2 Activities: Ongoing.

BMP 3.2 Municipal Code Enforcement; Document and Respond to Complaints of Illicit Discharge and Other Relevant Enforcement Issues

Measurable Goal 3.2a: *100% call response within 24 hours.*

Status: A total of 181 enforcement calls were received and responded to during 2009. Creeks staff responded to 161 of the calls on the same day they were received; 13 were responded to the next business day (within 24 hours of the call); 4 calls were responded to 2 days later; 1 call was responded to 3 days later; and 2 calls were responded to 4 days later. Of the 181 calls received, 7 calls, or approximately 4% of all the calls, were not responded to within 24 hours.

Proposed Modifications: None.

Proposed Year 2 Activities: The City Creeks Division hired a new full-time employee in 2009 who is dedicated to enforcement response. This is an improvement to previous staffing, which was two employees sharing enforcement response, 50% of their time each. This new, one-man focus on enforcement response will likely enable staff to reach this measurable goal in 2010.

Measurable Goal 3.2b: *Produce response cards in Year 1 and supply response cards to complainants when contact info is available. Review evaluation surveys quarterly and incorporate suggestions as appropriate.*

Status: Creeks Division staff produced response cards in July 2009 (Appendix 3A). Enforcement staff has begun use of the cards when contact information from the reporter is retrieved. Responses from the cards will be reviewed and suggestions incorporated into the enforcement program, as appropriate, beginning in Year 2.

Proposed Modifications: None.

Proposed Year 2 Activities: Incorporate suggestions received from response cards.

Measurable Goal 3.2c: *Pursue appropriate enforcement and resolution.*

Status: 77 illicit discharges that warranted a Notice of Violation (NOV) or Administrative Citation were detected through enforcement calls, outreach, and patrols during 2009. NOVs and citations are the City's effective enforcement resolution/abatement approach.

"Creek Clean Ups" is another program administered by the Creeks Division that addresses/abates illicit discharges in/near the City's creeks. The City contracts with ServiceMaster, a local contractor, who picks up trash, debris, dumped items, feces, etc. within the City's creeks and banks, per the City's direction (Appendix 3B). City staff forwards 8-10 creek locations that need cleaning/pick-up to ServiceMaster, bi-weekly. So, up to 20 creek sites are cleaned (illicit discharges abated) weekly. In 2009, the items removed from creek locations by ServiceMaster during these clean ups weighed 113,910 lbs.

Proposed Modifications: None.

Proposed Year 2 Activities: Ongoing.

BMP 3.3 Complete Review and Revision of Ordinances that Regulate Illicit Discharge

Measurable Goal 3.3a: *Complete ordinance audit by end of year two of permit.*

Status: The ordinance audit was completed early (in Year 1). The Creeks Division hired Geosyntec Consultants in May 2009 to review all applicable City ordinances, policies, guidelines, conditions of approval, and goals to identify inconsistencies toward meeting the requirements of the NPDES General Permit, the City's SWMP, and/or the City's Storm Water BMP Guidance Manual. The audit also assessed internal consistency (or inconsistency) of City regulations and goals and storm water requirements with respect to storm water management, water quality, flooding, and creek/riparian resources (see Appendices 3C and 3D). The results of the ordinance audit will assist the City with preparation of a storm water ordinance during Years 2 and 3.

Proposed Modifications: None.

Proposed Year 2 Activities: Begin coordinating City Departments/staff and public outreach efforts for the production of a draft City storm water ordinance.

Measurable Goal 3.3b: *4 meetings.*

Status: Meetings will be held in Years 2 and 3, as required by the SWMP, as the ordinance is drafted. The meetings will solicit staff and public input in order to tailor an appropriate/effective storm water ordinance.

Proposed Modifications: None.

Proposed Year 2 Activities: Begin coordinating City Departments/staff and public outreach efforts for the production of a draft City storm water ordinance.

Measurable Goal 3.3c: *Implement and enforce new ordinance.*

Status: A new storm water ordinance will be implemented and enforced by the end of Year 3.

Proposed Modifications: None.

Proposed Year 2 Activities: None.

BMP 3.4 Field Investigation and Abatement

Measurable Goal 3.4: *A minimum of one enforcement staff on duty 100% of the time, and a minimum of 100 field investigations conducted annually.*

Status: Two Creeks Division staff have shared the enforcement responsibility (50/50) for the past three years. In May 2009, the Division hired another enforcement staff person who is now the dedicated enforcement staff on duty 100% of the time. The other two staff who originally shared the enforcement duties now act as back-up staff and assist when necessary. 181 field investigations were conducted during 2009**.**

Several other staff throughout the City also perform enforcement duties that apply to the SWMP goals and intent; such as building inspectors, Environmental Services workers, and Water Resources enforcement officers. All enforcement staff coordinate and notify the appropriate person for different discharges.

Proposed Modifications: None.

Proposed Year 2 Activities: Ongoing.

BMP 3.5 Inventory of Businesses and Industries to be Monitored for Illicit Connections and/or Discharges

Measurable Goal 3.5: *Complete inventory by end of year two of permit.*

Status: An inventory of Attachment 4 listed businesses and industries to be monitored for potential illicit connections and/or discharges will be completed by the end of Year 2.

Proposed Modifications: None.

Proposed Year 2 Activities: See above.

BMP 3.6 File a Notice of Intent to Discharge Water from the Water Distribution System Pursuant to the RWQCB's General NPDES Permit for Discharges with Low Threat to Water Quality (Order No. R3-2006-0063)

Measurable Goal 3.6: *Date NOI is filed.*

Status: The City has not moved to the new permit yet. Annual notices of discharge have been filed on construction projects at San Roque Well and High School Well, and at Ortega Groundwater Treatment Plant (OGTP). With completion of construction at the two wells, the City plans to file a notice of termination and then move ahead as planned with a more permanent "notice of intent" to cover the whole distribution system. This will be assigned to the City's Water Distribution section, since compliance and monitoring is an operational issue. I expect OGTP will remain under the current process as a construction project until completed, at which time it will either be added to the distribution permit or be converted to a new separate permit.

Proposed Modifications: None.

Proposed Year 2 Activities: Ongoing.

BMP 3.7 Document Responses to Septic System Pumper Inspection Reports and Identify Deficiencies

Measurable Goal 3.7: *100% follow-up on problem septic systems; 100% resolution on septic system failures.*

Status: The City only periodically receives septic tank reports from the County as a matter of information for use in identifying who should or should not be charged for sewer service. The City has no jurisdiction over deficiencies of septic tanks.

Proposed Modifications: Septic system pumper inspections are a County process, no longer regularly shared with the City. Therefore, this BMP should be deleted from the City's SWMP.

Proposed Year 2 Activities: None.

BMP 3.8 Inventory Commercial Facilities 100,000 Square Feet or Greater

Measurable Goal 3.8: *Complete inventory by end of permit year two.*

Status: The inventory was completed, early, in Year 1. The inventory was produced using City parcel data and GIS software. A map and list of parcels 100,000 square feet or greater with a commercial land use designation was generated (Appendix 3E). Some commercial facilities are located on multiple parcels that are each less than 100,000 square feet but the sum square footage of the parcels occupied by each facility is equal to or greater than 100,000 square feet. Since these commercial facilities were not generated by the GIS query, they were manually added to the maps and list.

Proposed Modifications: None.

Proposed Year 2 Activities: None. BMP completed.

BMP 3.9 Inspect Commercial Facilities 100,000 Square Feet or Greater

Measurable Goal 3.9: *Inspect 5 commercial facilities annually (or 100% - whichever comes first).*

Status: Inspections of the City's large commercial facilities (100,000 square feet or greater) have begun in Year 1. Five commercial facilities were chosen from the list of parcels generated for BMP 3.8. Owners of these facilities were contacted and inspections were scheduled. The five facilities inspected in 2009 were: The Marborg Waste Management Facility, The Vercal Building, Paseo Nuevo Mall, La Cumbre Plaza Mall and 26 S. Calle Cesar Chavez. Attached is the City's map of all large commercial facilities (Appendix 3E), and inspection checklists (Appendix 3F) from the five facilities that were inspected in 2009.

Proposed Modifications: None.

Proposed Year 2 Activities: 5 more commercial facilities will be inspected in Year 2 and staff will work to

correct any detected runoff issues.

BMP 3.10 Inventory Parking Lots of 10,000 Square Feet or Greater (Or Space for 25 or More Cars)

Measurable Goal 3.10: *Complete inventory by end of permit year two.*

Status: An inventory of parking lots was completed early, in 2006 and 2007, when the City was informally implementing the SWMP. The criterion for the inventory was changed to 5,000 square feet or greater (or 25 or more spaces) due to the fact not many parking lots in Santa Barbara are as large as 10,000 square feet.

Approach
Aerial photographs of Santa Barbara (2004) were used to find parking lots that fit the criteria. The aerial photos were reviewed, grid square by grid square, to find parking lots that have at least 25 parking spaces. In order to identify parking lots that are 5,000 square feet or greater, GIS was used.

Criteria

- Included contiguous parking lots (i.e. if there were 2 or more lots of under 25 parking spaces each that were connected by a paved surface and combined to equal more than 25 spaces, this was considered a single lot).
- Did not include areas where parking spaces were designated along the edges of a roadway.
- Area calculations were rounded to the nearest foot.

On average, lots containing 25 spaces have an area of approximately 10,000 square feet. Parking lots of 5,000 square feet contain an average of around 12 parking spaces, so it seems that better criteria would be *either 10,000 square feet or those containing 25 or more spaces* since these two designations are more comparable to one another.

Proposed Modifications: This BMP should be changed to; "Inventory parking lots of 5,000 square feet or greater (or space for 25 or more cars)," to more accurately reflect the City's parking lots.

Proposed Year 2 Activities: None. BMP completed.

BMP 3.11 Monitor Maintenance of and BMP Application to Parking Lots of 10,000 Square Feet or Greater

Measurable Goal 3.11: *Send information to all 500 parking lot parcel owners in permit year two regarding BMP application and follow up with monitoring in permit years three, four, and five.*

Status: Sending information to property managers regarding maintenance BMPs for parking lots will occur in Year 2, and monitoring parking lots will begin in Year 3.

Proposed Modifications: None.

Proposed Year 2 Activities: See above.

BMP 3.12 Complete a Study of BMPs for Washing Sidewalks

Measurable Goal 3.12: *Complete in Year 1.*

Status: Several different BMPs for washing sidewalks were studied prior to Year 1; in 2007, when the City was tasked with developing a proper method for washing downtown sidewalks that contained the wash water runoff. An internet search was conducted for information on what other municipalities have done to address sidewalk washing and through process of elimination, City staff decided that building a custom device for washing sidewalks and capturing runoff for re-use was the best approach.

Proposed Modifications: None.

Proposed Year 2 Activities: None. BMP completed.

BMP 3.13 Implement Selected Sidewalk Washing BMPs

Measurable Goal 3.13: *Complete in Year 2.*

Status: Sidewalk washing BMPs were implemented early, before Year 1; in 2007-2008 through a City contract with the Downtown Organization (D.O.). The D.O. is a non-profit, Business Improvement District that works to meet the needs of businesses, professionals, and property owners. The D.O. uses a custom-made machine that pressure-washes the sidewalks with a close-looped system with zero discharge and pretreatment for solids and hydrocarbons absorption. The wash water is passed through the pretreatment filter for cleaning and is later used for irrigating the sidewalk planter beds. Appendix 3G contains the specifications for the machine, which were only slightly modified for the finished product in 2008.

Proposed Modifications: None.

Proposed Year 2 Activities: None. BMP competed.

BMP 3.14 Connect City Swimming Pool to Sanitary Sewer

Measurable Goal 3.14: *Complete in Year 1.*

Status: The City's Parks and Recreation Department remodeled the City's swimming pool (Los Banos Del Mar Pool) in 2008. The project included connecting the pool to the sanitary sewer.

Proposed Modifications: The permit year in SWMP Table 4.3 needs to be changed from Year 2 to Year 1.

Proposed Year 2 Activities: None. BMP is completed.

BMP 3.15 Illegal Discharge Training

Measurable Goal 3.15: *Provide at least one annual training session of one hour in length to Public Works Department, Streets Program, Parking Operations Program, Water Resources Division, Facilities Division, Parks Operations Division, Golf Course, and Fire Operations.*

Status: These city staff trainings have been provided by Creeks Division staff since 2007. In Year 1, Creeks Division purchased a "Municipal Storm Water Pollution Prevention Storm Watch BMPs" employee training video produced by Excal Visual for these trainings. The trainings are approximately one hour in length and

include an introduction to the City's SWMP and the importance of protecting water quality, followed by the 20-minute video and a question/answer session. Trainings are conducted in the spring and summer of each calendar year. Operational staff are required to attend and sign-in sheets are collected (Appendices 3H1 – 3H11).

Proposed Modifications: None.

Proposed Year 2 Activities: Ongoing.

MCM 3 Attachments

City of Santa Barbara
Creeks Division
Attn: Jim Rumbley
620 Laguna Street
Santa Barbara, CA 93101

CITY STORM WATER MANAGEMENT AND CLEAN WATER PROGRAM

THANK YOU FOR REPORTING A POLLUTED DISCHARGE!

The City Creeks Division enforces Title 16 of the City's Municipal Code, which *prohibits water pollution*. That means any pollution or contamination cannot be dumped or discharged to any City creek, the ocean, or the storm drain system (street gutters, drop inlets, or outdoor drains).

Your report helps the City to protect water quality:

Received (date):_____ Time:_____

Location of Discharge:_____

Status / Resolution:_____

_____

_____

For additional information, please contact:

City Creeks Division
Phone: 897-2688
Email:
JRumbley@SantaBarbaraCA.gov

Clean Creeks
HEALTHY BEACHES
CITY OF SANTA BARBARA

Response Card / Program Evaluation

Please rate your overall experience working with the City Creeks Enforcement Program:

☐ Excellent ☐ Good ☐ Fair ☐ Poor

Do you feel the issue you reported was resolved?

☐ Yes
☐ No

Did you feel your report was tended to promptly?

☐ Yes
☐ No

Since your report, has this same discharge occurred again?

☐ Yes
☐ No

Your contact information: (optional)

Name

Address

Phone Number

Comments:

Please tear along perforation and return top half to the Creeks Division.

To:

City of Santa Barbara
Creeks Division
Attn: Jim Rumbley
620 Laguna Street
Santa Barbara, CA 93101

CITY OF SANTA BARBARA

FINANCE DEPARTMENT - GENERAL SERVICES DIVISION
P.O. BOX 1990
SANTA BARBARA, CA 93102-1990
PHONE (805) 564-5349 • FAX (805) 897-1977

06/23/2009
PAGE 2/5

PURCHASE ORDER
No. 382475
PURCHASE ORDER TYPE
BLL

VENDOR INFORMATION		DELIVERY LOCATION	ORDER DATE
VENDOR 030869	RICH & FAMOUS INC. DBA SERVICEMASTER OF SANTA BAR 4180 STATE STREET SANTA BARBARA, CA 93110-1817	CITY OF SANTA BARBARA PARKS & RECREATION 620 LAGUNA STREET SANTA BARBARA, CA 93101	06/23/2009 DELIVERY

REQUISITION NO.	DEPARTMENT	TERMS	BLANKET ORDER EXPIRES
650100441	CREEK REST/WTR QUALITY RGN MGT	NET 30	06/30/2010

F.O.B. INFORMATION	
DESTINATION	0220 GC CONFIRMING

ITEM	DESCRIPTION	QTY	UNIT	UNIT PRICE	EXTENDED AMOUNT
	2010 (JULY 1, 2009 THRU JUNE 30, 2010). WITH AN OPTION TO RENEW FOR ONE (1) ADDITIONAL FISCAL YEAR. IF RENEWED, VENDOR WILL BE ADVISED BY NEW PURCHASE ORDER ON OR ABOUT JUNE 30, 2010. SERVICES & OR LABOR: VENDOR SHALL FURNISH TO THE CITY OF SANTA BARBARA CREEKS DIVISION, SERVICES & OR LABOR AT THE RATES STATED IN THEIR QUOTE, BID OR PROPOSAL. THEY ARE INCORPORATED BY REFERENCE AND MADE A PART OF THIS PURCHASE ORDER AND SHALL BE MAINTAINED ON FILE. NO CHANGES SHALL BE MADE WITHOUT PRIOR WRITTEN APPROVAL FROM THE CITY'S PURCHASING OFFICE. IT SHALL BE THE SERVICE CONTRACTOR'S OR VENDOR'S RESPONSIBILITY TO DETERMINE IF THE CITY'S LIVING WAGE ORDINANCE APPLIES TO ITS PURCHASE ORDER CONTRACTS WITH THE CITY AND, IF SO, TO COMPLY WITH THE REQUIREMENTS OF THAT ORDINANCE AND ITS IMPLEMENTING REGULATIONS. INFORMATION AND FORMS CAN BE FOUND ON THE FOLLOWING WEBSITE: WWW.SANTABARBARACA.GOV/				

INVOICE ADDRESSES MUST INCLUDE THE NAME OF THE DEPARTMENT THAT ORDERED THE PRODUCT OR SERVICE AND THE PURCHASE ORDER NUMBER.

WE ACKNOWLEDGE AND ACCEPT THIS ORDER AS STATED UNLESS WE OTHERWISE AGREE IN WRITING.

DATED

SIGNATURE

TITLE

TELEPHONE NO.

CITY OF SANTA BARBARA

BY William Harmeno
PURCHASING AGENT

Gracela Esparza
BUYER

07/01/09
DATE

SUB TOTAL	$
EXCISE TAX	EXEMPT
SALES TAX	$
FREIGHT	$
TOTAL	$

ACKNOWLEDGEMENT

CITY OF SANTA BARBARA

FINANCE DEPARTMENT - GENERAL SERVICES DIVISION
P.O. BOX 1990
SANTA BARBARA, CA 93102-1990
PHONE (805) 564-5349 • FAX (805) 897-1977

06/23/2009
PAGE 1/5

PURCHASE ORDER
No. 382475
PURCHASE ORDER TYPE
BLL

VENDOR INFORMATION		DELIVERY LOCATION	ORDER DATE
VENDOR 060869	RICH & FAMOUS INC. DBA SERVICEMASTER OF SANTA BAR 4183 STATE STREET SANTA BARBARA, CA 93110-1817	CITY OF SANTA BARBARA PARKS & RECREATION 620 LAGUNA STREET SANTA BARBARA, CA 93101	06/23/2009 DELIVERY

REQUISITION NO.	DEPARTMENT	TERMS	BLANKET ORDER EXPIRES
650100441	CREEK REST/WTR QUALITY PGM MGT	NET 30	06/30/2010

F.O.B. INFORMATION	
DESTINATION	0220 GC CONFIRMING

ITEM	DESCRIPTION	QTY.	UNIT	UNIT PRICE	EXTENDED AMOUNT
1	CREEKS - FY 10 CREEK CLEAN-UPS 143-6511-52440-007510-000 85,000.00 CREEKS - CREEK CLEAN-UPS REMOVE TRASH, DEBRIS AND FECES FROM CITY CREEKS, AND COMPILE INFORMATION ON QUANTITIES, TYPES, AND POTENTIAL SOURCES OF DEBRIS THAT ACCUMULATES AND IS REMOVED FROM CREEK AREAS WITHIN CITY LIMITS. CREEK CLEAN-UP SERVICE WILL NORMALLY BE REQUESTED ON A WEEKLY BASIS AS NEEDED. SPECIAL EVENT CLEAN-UPS AND FECES-ONLY CLEANUPS MAY BE REQUESTED AT ANY TIME. THIS PURCHASE ORDER IS IN ACCORDANCE WITH BID NO. 4848, DATED: 6/25/08 WHICH IS HEREBY INCORPORATED BY REFERENCE WHERE THE TERMS OF THIS PURCHASE ORDER CONFLICT WITH THE TERMS OF THE BID, THE BID SHALL GOVERN. ANNUAL PURCHASE ORDER IS FOR FISCAL YEAR	1	LOT	85000.0000	85000.00

INVOICE ADDRESSES MUST INCLUDE THE NAME OF THE DEPARTMENT THAT ORDERED THE PRODUCT OR SERVICE AND THE PURCHASE ORDER NUMBER.

WE ACKNOWLEDGE AND ACCEPT THIS ORDER AS STATED UNLESS WE OTHERWISE AGREE IN WRITING.

DATED

SIGNATURE

TITLE

TELEPHONE NO.

CITY OF SANTA BARBARA

BY William Harmon
PURCHASING AGENT

Gracelle Caparza
BUYER

07/01/09
DATE

SUB TOTAL	$
EXCISE TAX	EXEMPT
SALES TAX	$
FREIGHT	$
TOTAL	$

ACKNOWLEDGEMENT

Geosyntec consultants

6701 Center Drive West, Suite 550
Los Angeles, CA 90045
PH 310.957.6100
FAX 310.957.6101
www.geosyntec.com

Memorandum

Date:	18 September 2009
To:	Cameron Benson and Autumn Malanca
From:	Brandon Steets, Julie Stephenson and Deborah Stewart, Geosyntec Consultants
Subject:	City of Santa Barbara Ordinance Audit

PROJECT BACKGROUND

As part of their Storm Water Management Program (SWMP), the City of Santa Barbara (City) is required to develop and implement stormwater ordinance provisions that, among other things incorporate design standards for post-construction stormwater management best management practices (BMPs). To assist the City in the development of a stormwater ordinance, Geosyntec conducted an audit of existing City policy, code and ordinances to identify areas that relate to the enforcement of stormwater objectives (i.e. minimization of imperviousness, siting of BMPs, etc.). This memorandum summarizes the general methods and findings of the audit.

Focus Documents

Applicable City policies, codes, and ordinances were reviewed to identify relationships between existing language and stormwater objectives described in three stormwater-related "focus" documents identified by the City, which included:

1. National Pollutant Discharge Elimination System (NPDES) State General Permit,
2. City of Santa Barbara Storm Water Management Program, and
3. City of Santa Barbara Storm Water BMP Guidance Manual.

These documents are described in more detail below.

NPDES State General Permit

The State Water Resources Control Board's Water Quality Order No. 2003 – 0005 – DWQ (NPDES General Permit No. CAS000004, Waste Discharge Requirements (WDRs) for Storm Water Discharges from Small Municipal Separate Storm Sewer Systems (State General Permit)) permits the discharge of urban runoff in public storm drains within the City. The State General Permit defines authorized and unauthorized stormwater discharges, sets standards for pollution reduction efforts, lists requirements for the SWMP, and includes reporting and monitoring requirements.

City of Santa Barbara Stormwater Management Program

Per the requirements of the General Permit, the City developed the SWMP, which was submitted to the Central Coast Regional Water Quality Control Board (CCRWQCB) and conditionally approved in November 2008. The City's SWMP defines strategies and guidelines for the protection of water quality and reduction of pollutant discharges to the Maximum Extent Practicable (MEP). The SWMP incorporates the six minimum control measures required by the State General Permit, which include Public Education and Outreach, Public Involvement/ Participation, Illicit Discharge Detection and Elimination, Construction Site Storm Water Runoff Control, Post-Construction Storm Water Management in New Development and Redevelopment, and Pollution Prevention/Good Housekeeping for Municipal Operations. The SWMP documents how the City currently meets the NPDES general permit requirements and it identifies key areas where the City will expand its efforts to achieve compliance within the five year permit term. The City's SWMP is an evolving program that is designed to be monitored and revised as necessary in order to address changes in the compliance programs or in State General Permit requirements.

City of Santa Barbara Storm Water BMP Guidance Manual

The Storm Water BMP Guidance Manual (Guidance Manual), developed in June 2008, provides technical guidance on the selection, integration, design, and implementation of post-construction stormwater BMPs for new development and redevelopment projects in the City. It provides guidance tailored to developers, engineers, planners, landscape architects and stormwater professionals as well as single-family residential homeowners. The Guidance Manual contains information on the feasibility of implementing different BMPs depending on location within the City and provides detailed design guidelines for a broad suite of biofiltration and filtration, infiltration, permeable pavement, building, retention and detention, and proprietary device BMPs. It also contains project thresholds for determining which stormwater BMP requirements apply to which projects.

Existing Policies, Codes and Ordinances

The following policies, codes and ordinances were reviewed in light of objectives espoused by the focus documents for the audit:

- Municipal Code
  - Title 10: Transportation and Parking
  - Title 14: Water and Sewers
  - Title 15: Tree Planting, Maintenance and Preservation
  - Title 16: Liquid & Industrial Waste Disposal
  - Title 22: Environmental Policy & Construction
  - Title 27: Subdivisions
  - Title 28: The Zoning Ordinance
- Planning Commission/ Staff Hearing Officer Conditions of Approval Menu
- City Design Guidelines
  - Architectural Board of Review Guidelines
  - Architectural and Urban Design Guidelines for the Airport
  - Chapala Street Design Guidelines
  - El Pueblo Viejo District Guidelines
  - Haley-Milpas Design Guidelines
  - Lower Riviera Special Design District Guidelines
  - Single Family Residence Design Guidelines
  - Single Family Design Board Guidelines
  - State Street Landscaping Guidelines
  - Landscape Design Guidelines for Water Conservation
  - Upper State Street Guidelines
  - Urban Design Guidelines
- Engineering Design Guidelines
- Pedestrian Master Plan (including chapter on design guidelines)
- Parking Design Standards
- Fire Department Development and Landscaping Guidelines
- Erosion/Sedimentation Control Policy
- California Building Code
- General Plan
  - Land Use Element
  - Open Space Element
  - Conservation Element

  - Seismic Safety/Safety Elements
- Local Coastal Plan

Example Ordinance Review

In addition to the focus documents and the existing City policy, code and ordinance language, three example stormwater ordinances that contain elements similar to those that may be required of a City-specific stormwater ordinance for enforcing the implementation of the focus documents were also reviewed. The purpose of the ordinance review was to focus the audit in light of the City's intent to use the results to inform the development of a City-specific stormwater ordinance. The example ordinances that were reviewed included a model ordinance developed by the Center for Watershed Protection (CWP), and stormwater quality management and discharge control ordinances adopted by the City of Monterey and the City of San Luis Obispo. Each of these ordinances establishes stormwater management requirements to protect the general health, safety, and welfare of the public and the quality of waterbodies.

CWP Model Ordinance

The CWP's model ordinance was developed to help municipal stormwater managers develop and adopt post-construction stormwater ordinances. The model ordinance describes procedures and requirements for permit applications, performance criteria for post-construction stormwater management, construction and maintenance requirements for BMPs, and penalties resulting from the violation of the ordinance.

The CWP's model ordinance presents several decisions to be made prior to the development of a post-construction stormwater ordinance. These decisions include: the types and/or sizes of development and redevelopment projects that will trigger the ordinance; whether the ordinance should be combined with an erosion and sediment control and/or illicit discharge detection and elimination ordinance(s); whether a separate BMP Design Manual should be developed in order to exclude technical details from the ordinance (obviously not relevant for the City at this point); whether to include credits for Low Impact Development (LID), non-structural measures, and other preferred techniques; and whether the ordinance should include specific criteria for sensitive resources such as wetlands and impaired streams. These decisions can help determine the details and sections that should be included in an ordinance, some of which are already covered in the City's Guidance Manual.

The CWP's model ordinance describes possible development and redevelopment site criteria to determine whether the project is required to comply with the post-construction ordinance.

Applicability is based on a combination of various factors, such as impervious cover, area disturbed threshold, overall project size, number of lots, and the type of development. The CWP's model ordinance also presents a list of potential project exemptions to these applicability guidelines, such as agricultural and silvicultural projects; BMP maintenance projects; emergency projects necessary for the protection of life, property, or resources; linear construction projects that do not add impervious cover; and any land development project approved prior to the effective date of the ordinance. It is acknowledged that the City's Guidance Manual already establishes the City's existing project applicability thresholds.

Storm Water Quality Management and Discharge Control Ordinances

Two stormwater quality management and discharge control ordinances were also reviewed. The reviewed ordinances were separately developed by the Cities of Monterey and San Luis Obispo and were intended to be consistent with the Federal Clean Water Act and the Porter-Cologne Act. The ordinances state that the stormwater requirements apply to all water generated on developed and undeveloped land within the city boundaries. All non-stormwater discharges into the municipal storm drain system and all illicit connections to the storm drain system are prohibited under these ordinances unless otherwise stated.

In addition to describing discharge prohibitions, the ordinances identify regulations and requirements, such as the implementation of stormwater BMPs, in order to prevent and control stormwater pollutants from specific activities. Other requirements include monitoring and analysis actions that are to be funded by the property owner and accidental spill notification procedures.

The Monterey and San Luis Obispo ordinances give the Public Works Director the authority to inspect, monitor, and sample properties routinely or when necessary. The Director also has the authority to issue abatement by the city if a violation has not been dealt with or if immediate response is required. In these cases, the property owner or responsibly party is required to pay the cost of the abatement.

One difference between these two City ordinances is the stated exceptions to discharge. Both ordinances allow discharges from air conditioning condensation, uncontaminated roof foundation or footing drains, riparian habitats and wetlands, fire fighting, flows permitted under a NPDES permit, or non-pollutant exemptions in writing by the city and approved by the CCRWQCB. However, in addition to these exceptions, the City of Monterey also allows the following discharges: discharges from potable water sources, flows from irrigation, diverted stream flows, discharge from rising groundwater or infiltration into the storm drain system, uncontaminated

water from crawl space pumps, springs, discharge from de-chlorinated swimming pools, and street wash waters.

GENERAL AUDIT FINDINGS

Existing City policies, codes and ordinances potentially conflict with and/or promote stormwater objectives and guidelines, as outlined in the focus documents, in a variety of different general issue areas. Additionally, the majority of relationships identified were drawn between existing policy language and broad stormwater objectives, such as the minimization of imperviousness, minimization of land disturbance, and maximization of infiltration. The general areas of overlap between existing policies and stormwater objectives are illustrated by Figure 1 below.

Figure 1. Potential Relationship Matrix

Other Public Service Objectives	Stormwater Objectives
structural and material building site design parking and loading landscaping community design streets and mobility open space flood control	minimize imperviousness maximize infiltration BMP siting pollutant loading minimization

In some cases, more specific code language could present obstacles in the siting of some stormwater BMPs recommended in the City's Guidance Manual. The general findings of the audit are summarized below and in Tables 1 – 9. Tables 1-8 summarize potential conflicts between existing City policy, code and ordinance language and objectives and requirements described in the focus documents. Each table summarizes those potential conflicts found for one of the general issue areas noted above. Table 9 summarizes policy, code and ordinance language

identified during the review as being supportive of stormwater objectives and requirements in the focus documents.

Structural and Material Building Requirements

Policies and code language related to the structural stability of buildings and urban infrastructure prescribe structural engineering and materials requirements to ensure stability under different forces. Related policy/code language can conflict with both general stormwater objectives, such as the minimization of imperviousness, as well as with more specific BMP design requirements, such as the requirement of a flat surface to create a green roof. Materials restrictions found in City design guidelines require the use of specific construction materials, such as concrete, that can pose design challenges in implementation of minimizing imperviousness. Restrictions on building heights found in the Municipal Code, Conditions of Approval and City's design guidelines (which originate in the City Charter) could potentially conflict with the stormwater objective of minimizing land disturbance by encouraging horizontal instead of vertical expansion. Additional related conflicts can be found in Table 1 below.

Site Design Requirements

Existing municipal policies and guidelines related to site design prescribe setback, disturbance, and aesthetic requirements that govern how parcels are developed. Such requirements could potentially conflict with stormwater objectives because constraints on the locations of structures and activities on site could discourage the conservation of open space and beneficial drainage design and also constrain the siting of BMPs. LID strategies, which are encouraged throughout the SWMP and Guidance Manual, encourage site designs that cluster development, conserve open space, minimize imperviousness, and maximize infiltration. Some City policies, such as the Parking Aesthetics policies in the Single Family Residence Design Guidelines, which encourage garage placement behind the main residence, may pose direct conflicts with LID strategies by requiring additional impervious coverage to extend the driveway to the rear of the parcel to access the garage (assuming that the driveway is constructed with impervious materials). Table 2 provides a summary of the potential conflicts identified within this general issue area.

Parking and Loading Requirements

City documents such as the Municipal Code and Standards for Parking Design contain language related to requirements for parking and loading. Parking lots have been a focus of stormwater managers and LID proponents because they often have capacities related to peak usage and conservatively sized stall and aisle dimensions, thereby promoting large impervious lots that are rarely used to capacity. Some parking requirements can pose a conflict with general stormwater

objectives, such as the minimization of imperviousness, and also take up finite space that could alternatively have been used for landscaping or BMP implementation. Some City policy, code or ordinance language identified within the parking and loading general issue area could potentially conflict with stormwater objectives because it does not balance the impact of the parking lot with the parking demand. Table 3 provides a summary of the potential conflicts identified within this general issue area.

Landscaping Requirements

Landscaping requirements are found in the Fire Department Landscaping and Development Guidelines, the Municipal Code, and design guidelines. In general, municipal landscaping requirements are geared toward fire prevention and water conservation. In terms of stormwater management, landscaping restrictions may limit the plants that can be used and locations of vegetated BMPs. For example, language related to master plant lists for special design districts limits the plants that can be chosen for use in vegetated BMPs. The plants prescribed by the Master Plant Lists may not coincide with the plants listed in Appendix G of the Guidance Manual for use in vegetated BMPs and may pose undue obstacles to BMP implementation in such special design districts.

Community Design Requirements

Community design requirements are generally found within the General Plan, Municipal Code and special district design guidelines. They prescribe requirements related to community design consistency and in some cases prescribe design requirements for planned unit developments. Community design requirements can potentially conflict with stormwater objectives if they encourage high impact, discontinuous, segregated designs not aligned with low impact development strategies such as clustering and mixed use development. For example, the Single family Residence Design Guidelines recommend that the site plan for new projects or redevelopment projects integrate components of the existing neighborhood such as parking arrangement patterns and distance from the street. In some cases, these design conditions may encourage site design that does not maximize open space by encouraging consistency over low impact site configurations. Additional conflicts are listed in Table 5 below.

Streets and Mobility Requirements

Municipal policy language related to streets and mobility requirements are located in a variety of documents, including the California Building Code, the Engineering Design Guidelines, the Pedestrian Design Guidelines, and the Municipal Code. As with parking lots, streets have been a focus of stormwater managers and LID proponents because of the opportunities for design

improvement and incorporation of stormwater-centric components. Street and pedestrian network design guidelines have typically been developed solely to provide ample Right-of-Way (ROW) width for drivers and pedestrians and do not optimize the ROW area for drainage or stormwater purposes. For example, the Pedestrian Design Guidelines require that construction of new public streets include sidewalks on both sides of the street. Enforcement of this policy language could both support and conflict with stormwater objectives depending on how and where it is implemented. For example, if implemented in a low pedestrian usage zone, the policy would require additional impervious area, and therefore would not minimize imperviousness. In contrast, if implemented in a high pedestrian usage zone, the policy could encourage walking, which would reduce the loading of traffic-related pollutants. This policy language could potentially conflict with stormwater objectives because it is not specific as to its applicability and therefore the optimal usage of the ROW for storm water quality is not encouraged. Additional potential conflicts can be found in Table 6 below.

Open Space Requirements

Policy and code language related to open space generally prescribe conservation requirements and use restrictions and are found in the Municipal Code, the Local Coastal Plan, and the California Building Code. While conservation requirements generally coincide with stormwater objectives, some use restrictions could constrain the siting of BMPs in open space areas, which could be optimal locations for placement of BMPs, especially for retrofit of existing developed areas. For example, the Zoning Ordinance contains a table showing allowed improvements/uses for each category of park. The table does not list stormwater treatment as an allowed use for any park category, and, therefore, the code could be interpreted in a way that potentially obstructs the use of public open space areas for stormwater treatment purposes. Additional potential conflicts can be found in Table 7 below.

Stormwater Management Requirements

Stormwater management policy, code and ordinance language prescribes infrastructure requirements for stormwater drainage and are generally found in the Engineering Design Guidelines, Municipal Code and Pedestrian Design Guidelines. Many municipal policies related to stormwater management were developed with a singular objective focus on flood control; collecting and conveying stormwater as quickly as possible. This objective lent itself to drainage designs that could accommodate high flows without erosion, such as concrete curb and gutter systems. Contemporary stormwater management strategies are different in that flood control design objectives are implemented in concert with water quality and habitat objectives, and current strategies reflect the encouragement of infiltration as a means of flood control and water quality treatment. The City's policies reflect both the old and new management approaches and

therefore both support and conflict with stormwater objectives in different areas. For example, the Engineering Design Guidelines prohibit permanent open drainage ditches in the ROW of a public street. This policy effectively prohibits the implementation of vegetated swales as a treatment and/or conveyance mechanism for street runoff. Additional potential conflicts can be found in Table 8 below. Language supportive of stormwater objectives is summarized in the subsequent section as well as in Table 9.

Language Supporting Stormwater Objectives

Language supporting stormwater objectives can be found throughout City policies, codes and ordinances and articulates objectives such as the minimization of imperviousness, development setbacks from creeks, maximization of infiltration, minimization of pollutant loading, conservation of open space, and minimization of erosion and sediment entrainment in runoff. Supportive language was found to be both general and specific, the general language just acknowledging requirements of the General Permit and the more specific addressing shared objectives with other public service areas. For example, the Engineering Design Guidelines prohibit certain development activities within creek setbacks, therefore conserving portions of the natural floodplain for habitat, flood control, and water quality purposes. Additionally, the Engineering Design Guidelines note that natural drainage channels existing within subdivisions may be required to be improved by the project proponent if erosion, flooding, or a hazard may be created by continued existence. This design guidance coincides with stormwater objectives by discouraging channel erosion and hydromodification impacts. Additional policies, codes and ordinances identified through the audit as supportive of stormwater objectives are summarized in Table 9.

Detailed summaries of the language that relates to stormwater objectives in the City of Santa Barbara documents listed above, the stormwater objectives, and the relationship (conflict or concurrence) can be found in Tables 1 through 9 below, which include:

Table 1. Material Building Requirements

Table 2. Site Design

Table 3. Parking and Loading

Table 4. Landscaping

Table 5. Community Design

Table 6. Streets and Mobility

Table 7. Open Space

Table 8. Stormwater Management

Table 9. Language Supportive of Stormwater Objectives

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TABLE 1.
AREAS OF POTENTIAL CONFLICT RELATED TO STRUCTURAL AND MATERIAL BUILDING REQUIREMENTS
City of Santa Barbara Ordinance Audit

GENERAL ISSUE		EXISTING CITY ORDINANCE/POLICY	STORMWATER POLICY/OBJECTIVE	DESCRIPTION OF CONFLICT/POTENTIAL CONFLICT
STRUCTURAL AND MATERIAL BUILDING REQUIREMENTS				
Materials Restrictions	1	ABR Guidelines: Part 1: Architectural Design SECTION 7 Roofing Materials 7.2 Mission Tile. Where a traditional Hispanic architectural style is proposed or where the location is highly visible or prominent, the use of two-piece terra cotta (Mission, "C-tile") roof is required.	*Related Document:* BMP Manual Section 6.9.3 *Objective:* Siting of green roof BMPs	This language could potentially restrict the use of green roofs in areas with specific design guidelines.
	2	ABR Guidelines: Part 1: Architectural Design SECTION 5 Utilities and Equipment 5.3 Solar Energy Systems. Applicants are encouraged to consider solar panel installations which are high performing and aesthetically well-integrated, consistent with the City's Solar Energy System Design Guidelines.		
	3	City of Santa Barbara Single Family Residence Design Guidelines - Site Planning and Structure Placement 3 .Solar Design: Design to maximize options for passive and active solar heating and cooling.		
	4	City of Santa Barbara Single Family Residence Design Guidelines - Compatibility Guidelines 15. Roof Materials. Roofing material and color should be consistent with the building architectural style. Eave closures, a.k.a. bird stops, if any are proposed, shall be mortared with natural cement.		
	5	City of Santa Barbara Single Family Residence Design Guidelines - Compatibility Guidelines 14. Roof Design. Carefully plan roof forms on a home for a well-designed structure compatible with the neighborhood. 14.1 When planning a new dwelling or second-story addition, begin with a primary roof form that is compatible with the existing neighborhood. 14.4 Consider roof design techniques to create a highly efficient and aesthetically integrated solar energy system, described in the City's Solar Energy System Design Guidelines. For example, a parapet roof design is ideal for new structures that include a solar energy system.		

TABLE 1.
AREAS OF POTENTIAL CONFLICT RELATED TO STRUCTURAL AND MATERIAL BUILDING REQUIREMENTS
City of Santa Barbara Ordinance Audit

GENERAL ISSUE		EXISTING CITY ORDINANCE/POLICY	STORMWATER POLICY/OBJECTIVE	DESCRIPTION OF CONFLICT/POTENTIAL CONFLICT
Materials Restrictions, continued	**6**	California Building Code, Section 3113B.1 Pool Decks, General: A minimum continuous and unobstructed 4-foot wide slip-resistant, nonabrasive deck area of concrete or like material shall be provided flush with the top of the pool shell wall extending completely around the pool, and the deck area shall further extend 4 feet on both sides and rear of any diving board or slide and their appurtenances...	*Related Document:* NPDES Permit, SWMP, BMP Manual *Objective:* Minimization of imperviousness	This state law creates minimum width requirements for pool decks, and could ***potentially*** conflict with the stormwater objective of minimizing imperviousness by requiring a minimum coverage of impervious surface.
	7	State Street Landscaping Guidelines: Paving in the 700 through 1200 block shall match the original pattern of the Plaza.	*Related Document:* NPDES Permit, SWMP, BMP Manual *Objective:* Minimization of imperviousness, Siting of permeable pavement BMPs	This language may discourage the use of permeable pavement in areas where other paving materials exist.
	8	State Street Landscaping Guidelines: New paving in the remaining blocks will continue to match the existing material until such a time that a large scale remodeling is undertaken and a significant amount of new material can be introduced.		
Structural Requirements	**9**	California Building Code, Section 1803.3 Site grading: The ground immediately adjacent to the foundation shall be sloped away from the building at a slope of not less than one unit vertical in 20 units horizontal for a minimum distance of 10 feet measured perpendicular to the face of the wall...	*Related Document:* BMP Manual *Objective:* Siting of BMPs adjacent to structures with foundations	This state law language could ***potentially*** conflict with the stormwater objective of siting BMPs by creating grading requirements adjacent to structures. The grading requirements do not preclude the implementation of BMPs adjacent to the structure but do however limit the BMPs that can be implemented. For example, planter boxes are often recommended adjacent to structures and the grading requirements herein could limit their implementation. Acceptations to these requirements include alternatives that show other sufficient drainage away from the structure foundation.
	10	Municipal Code Title 10: Transportation and Parking 10.36.030 (b): Those streets and parts of streets described in the schedule as set forth in Section 10.60.040 are hereby declared to be streets, the use of which is prohibited by any vehicle exceeding a maximum groos weight limit of three tons. The provisions of this section shall not apply to private or public school buses or to passenger busses under the jurisdiction of the CA Public Utilities Commission. 10.60040 Schedules	*Related Document:* BMP Manual (Chapter 6 - Operations and Maintenance) *Objective:* maintenance requirements of stormwater BMPs	Potential conflict due to weight restrictions on certain streets, which may inhibit certain maintenance practices of WQ BMPs (i.e., vactor trucks)

TABLE 1.
AREAS OF POTENTIAL CONFLICT RELATED TO STRUCTURAL AND MATERIAL BUILDING REQUIREMENTS
City of Santa Barbara Ordinance Audit

GENERAL ISSUE	EXISTING CITY ORDINANCE/POLICY		STORMWATER POLICY/OBJECTIVE	DESCRIPTION OF CONFLICT/POTENTIAL CONFLICT
Building Height Restrictions (originate in City Charter)	11	Municipal Code Title 28 The Zoning Ordinance 28.15.050 Building height restrictions for A-1, A-2, E-1, E-2, E-3, and R-1 28.18.050 Building height restrictions for R-2 28.21.050 Building height restrictions for R-3 & R-4 28.22.050 Building height restrictions for HRC-1 & HRC-2 28.36.050 Building height restrictions for PUD 28.39.050 Building height restrictions for P-D 28.46.025 Building height restrictions for SP-5 28.47.050 Building height restrictions for SP-7 28.48.050 Building height restrictions for R-O 28.49.020 Building height restrictions for SP-8 28.50.050 Building height restrictions for SP-9 28.51.050 Building height restrictions for C-O 28.54.050 Building height restrictions for C-P 28.57.050 Building height restrictions for C-L 28.60.050 Building height restrictions for C-X 28.63.050 Building height restrictions for C-1 28.66.050 Building height restrictions for C-2 28.69.050 Building height restrictions for C-M 28.70.050 Building height restrictions for HC 28.71.050 Building height restrictions for OC 28.72.050 Building height restrictions for M-1 28.73.050 Building height restrictions for OM-1 28.75.050 Building height restrictions for HMWF	*Related Document:* NPDES Permit, SWMP, BMP Manual *Objective:* Minimization of imperviousness, minimization of land disturbance	This language could ***potentially*** preclude the minimization of imperviousness and the minimization of land disturbance by creating maximum building heights. Creating maximum building heights indirectly encourages the horizontal expansion of development, thereby discouraging the minimization of imperviousness and land disturbance.
	12	Conditions of Approval, D.10. Building Height Restriction		
	13	Cultural and Historic Resources, Implementation Strategy 3.1: In the absence of Local Coastal Program policies, develop a design overlay zone to limit building heights.		

TABLE 1.
AREAS OF POTENTIAL CONFLICT RELATED TO STRUCTURAL AND MATERIAL BUILDING REQUIREMENTS
City of Santa Barbara Ordinance Audit

GENERAL ISSUE	EXISTING CITY ORDINANCE/POLICY		STORMWATER POLICY/OBJECTIVE	DESCRIPTION OF CONFLICT/POTENTIAL CONFLICT
Building Height Restrictions, cont'd	14	City of Santa Barbara Single Family Residence Guidelines - Compatibility Guidelines 9. Height. Design structure heights to be compatible with the neighborhood. 9.1 Building height should be in proportion to the style and size of the house and the lot area. 9.2 Avoid excessive building height. Although the Municipal Code allows up to 30' in height in single family residential zones, the total "building box" allowed by the Ordinance should not be used to ensure compatible home designs. Homes taller than 25' tall are usually incompatible in most single family neighborhoods.	Related Document: NPDES Permit, SWMP, BMP Manual Objective: Minimization of imperviousness, minimization of land disturbance	This language could potentially preclude the minimization of imperviousness and the minimization of land disturbance by creating maximum building heights. Creating maximum building heights indirectly encourages the horizontal expansion of development, thereby discouraging the minimization of imperviousness and land disturbance.

TABLE 2.
AREAS OF POTENTIAL CONFLICT RELATED TO SITE DESIGN
City of Santa Barbara Ordinance Audit

GENERAL ISSUE		EXISTING CITY ORDINANCE/POLICY	STORMWATER POLICY/OBJECTIVE	DESCRIPTION OF CONFLICT/POTENTIAL CONFLICT
SITE DESIGN				
Setback Restrictions	**1**	Municipal Code Title 28: The Zoning Ordinance 28.87.062 Setback, Open Yard, Common Outdoor Living Space, and Distance Between Main Buildings Encroachments. A. Where setbacks, open yards, common outdoor living space, and minimum distances between main buildings are required in this title, they shall be not less in depth or width than the minimum dimensions specified for any part, and they shall be at every point unobstructed by structures from the ground upward, except as follows: 1. Encroachments allowed in the specific zone. 2. Cantilevered architectural features at least three feet (3') above adjacent grade or finished floor (whichever is higher), and which do not provide additional floor space within the building (such as cornices, canopies, or eaves), or chimneys may encroach up to two feet (2'). However, no cantilevered architectural feature or chimney shall be located closer than three feet (3') from any property line, except roof eaves, which may be located as close as two feet (2') from any property line. 3. Uncovered balconies not providing additional floor space within the building may encroach up to two feet (2'). However, an uncovered balcony shall not encroach into an interior setback on a lot located in any single family zone. 4. Solar energy systems, as defined in subdivision (a) of Civil Code section 801.5, that are installed roughly parallel to, and protrude no higher than ten inches (10") above (measured from the top of the roof perpendicularly to the highest point of the solar energy system), a roof eave, may encroach the same amount as the roof eave. B. The following structures may encroach into setbacks as specified: 1. Decks that are no more than 10 inches (10") in height above existing grade may encroach into any setback. 2. Uncovered porches, terraces and outside steps, not extending above the finished floor level of the first floor, may encroach up to three feet (3') into any interior setback.	*Related Document:* BMP Manual, Section 6.9.2 *Objective:* Siting of BMPs such as planter boxes within setbacks, open yards, common outdoor living spaces and minimum distance between main building	This municipal code language does not include specifications for BMPs to encroach on setbacks, open yards, common outdoor living spaces and distances between main buildings and could ***potentially*** preclude the encroachment of stormwater treatment BMPs that require above ground structures in such specified areas.

TABLE 2.
AREAS OF POTENTIAL CONFLICT RELATED TO SITE DESIGN
City of Santa Barbara Ordinance Audit

GENERAL ISSUE	EXISTING CITY ORDINANCE/POLICY		STORMWATER POLICY/OBJECTIVE	DESCRIPTION OF CONFLICT/POTENTIAL CONFLICT
Setback Restrictions, cont'd	1	3. Covered or uncovered entrance landings not extending above the finished floor level of the ground floor and not exceeding three feet (3') measured in perpendicular dimensions (excluding the area under any handrail required under the California Building Code as adopted and amended by the City) may encroach three feet into any setback. 4. Bay windows at least three feet (3') above adjacent grade or finished floor (whichever is higher), and which do not provide additional floor space within the building may encroach up to two feet (2') into the front setback. 5. Accessible uncovered parking spaces, access aisles, and accessibility ramps necessary to make an existing building accessible to persons with disabilities may encroach into required setbacks to the extent reasonably necessary to accommodate the existing building. This encroachment is not available for new buildings or additions to existing buildings where the addition precludes the development of a conforming accessible improvement. C. The following types of structures may encroach into the required open yard or common outdoor living space, provided the total area of all such structures on the property does not occupy more than 20% of the total required open space or common outdoor living space on the lot, that no structure or structures occupy more than 20% of any individual area of required open space or common outdoor living space (if provided in multiple locations), and no structure is located in any front yard:.1. Detached, unenclosed structures (e.g., gazebos, trellises, hot tubs, spas, play equipment, or other freestanding structures). 2. Unenclosed structures which are attached to a wall or walls of a main building (e.g., patio covers, trellises, canopies, or other similar structures).	*Related Document:* BMP Manual, Section 6.9.2 *Objective:* Siting of BMPs such as planter boxes within setbacks, open yards, common outdoor living spaces and minimum distance between main building	This municipal code language does not include specifications for BMPs to encroach on setbacks, open yards, common outdoor living spaces and distances between main buildings and could ***potentially*** preclude the encroachment of stormwater treatment BMPs that require above ground structures in such specified areas.

TABLE 2.
AREAS OF POTENTIAL CONFLICT RELATED TO SITE DESIGN
City of Santa Barbara Ordinance Audit

GENERAL ISSUE		EXISTING CITY ORDINANCE/POLICY	STORMWATER POLICY/OBJECTIVE	DESCRIPTION OF CONFLICT/POTENTIAL CONFLICT
Setback Restrictions, cont'd	**1**	D. The following types of structures may encroach into the required minimum distance between main buildings on the same lot. However, at no time shall any structure be located closer than five (5) feet to any other structure on the lot with the exception of: planters less than ten (10) inches in height above finished grade, fences, walls, and roof eaves. 1. Detached accessory structures. 2. Uncovered parking. 3. Planters less than ten (10) inches in height from finished grade. 4. Paving. 5. Fences, hedges, and walls. 6. Uncovered bicycle parking areas including bicycle racks and posts, but excluding bicycle locker parking.	*Related Document:* BMP Manual, Section 6.9.2 *Objective:* Siting of BMPs such as planter boxes within setbacks, open yards, common outdoor living spaces and minimum distance between main building	This municipal code language does not include specifications for BMPs to encroach on setbacks, open yards, common outdoor living spaces and distances between main buildings and could ***potentially*** preclude the encroachment of stormwater treatment BMPs that require above ground structures in such specified areas.
	2	Cultural and Historic Resources, Implementation Strategy 3.2: Special design review district with restrictions on setbacks and height limitations	*Related Document:* BMP Manual *Objective:* Siting of BMPs within setbacks	This policy language could limit the implementation of water quality BMPs in setbacks.
	3	Municipal Code Title 28: The Zoning Ordinance 28.21 Limited Multiple Family Residence Zone and Hotel-Motel-Multiple Residence Zone 28.21.081 Outdoor Living Space. Private outdoor living space may include planter areas totaling no more than fifty (50) square feet, patio areas, balconies, and decks. In addition to all setbacks, every lot satisfying the outdoor living space requirement in accordance with this private outdoor living space method shall provide on grade open space of an area not less than ten percent (10%) of the net lot area. The required open space may consist of landscaped or hardscaped areas unobstructed from the ground upwards, including, but not limited to: (1) Walks, (2) Patios, (3) Planted areas, (4) Decks no more than 18" above grade at all points, and (5) Swimming pool areas.	*Related Document:* BMP Manual, Section 6.9.2 *Objective:* Siting of BMPs such as planter boxes within setbacks	This code language could ***potentially*** conflict with the implementation of planter box stormwater BMPs and could potent.

TABLE 2.
AREAS OF POTENTIAL CONFLICT RELATED TO SITE DESIGN
City of Santa Barbara Ordinance Audit

GENERAL ISSUE	EXISTING CITY ORDINANCE/POLICY		STORMWATER POLICY/OBJECTIVE	DESCRIPTION OF CONFLICT/POTENTIAL CONFLICT
Aesthetics	**4**	ABR Guidelines: Part 1: Architectural Design SECTION 4 Multi-Family Accessory Buildings, Garages, and Carports 4.1 Garages. Where possible, garages should not front or face the street. If the garage faces the street, windows and other architectural detailing should be used on garage doors to eliminate a blank appearance.	*Related Document:* NPDES Permit, SWMP, BMP Manual *Objective:* Minimization of imperviousness	These design guidelines could ***potentially*** conflict with the objective of minimizing imperviousness because the garage orientation requirements require greater driveway lengths. Since the default driveway materials are impervious, this inevitably encourages additional impervious coverage. However, longer driveways may improve on-site drainage retention which would be beneficial from a stormwater management perspective.
	5	ABR Guidelines: Part 2: Landscape Design 2.4 Street and Driveway Design. Street and driveway designs should utilize the following design concepts. C. Garage Orientation. Where possible, orient driveways and garages to be street-friendly, so that garage or carport openings are not facing directly onto streets.		
	6	City of Santa Barbara Single Family Residence Design Guidelines - Site Planning and Structure Placement. Parking Aesthetics Garage or Carport Aesthetics 5.2 For new construction, garages should not be the predominant feature of the front elevation. 5.3 Construction over carports is strongly discouraged. 5.4 Design solutions which locate the garage behind the main residence are preferred, where feasible. 5.5 Garages appear more appropriate on the ground floor of multiple story buildings. 5.6 Underground parking solutions are usually inappropriate along the street front on flat lots.	*Related Document:* NPDES Permit, SWMP, BMP Manual *Objective:* Minimization of imperviousness	These design guidelines could potentially conflict with the objective of minimizing imperviousness because the garage orientation requirements require greater driveway lengths. Since the default driveway materials are impervious, this inevitably encourages additional impervious coverage. However, longer driveways may improve on-site drainage retention which would be beneficial from a stormwater management perspective. Additionally, underground parking is discouraged by some of this code language which is a desirable site design strategy for stormwater management when it results in reductions to the structure footprint.

TABLE 2.
AREAS OF POTENTIAL CONFLICT RELATED TO SITE DESIGN
City of Santa Barbara Ordinance Audit

GENERAL ISSUE	EXISTING CITY ORDINANCE/POLICY		STORMWATER POLICY/OBJECTIVE	DESCRIPTION OF CONFLICT/POTENTIAL CONFLICT
Aesthetics, cont'd	**7**	City of Santa Barbara Single Family Residence Design Guidelines - Hillside Housing Design Guidelines 26. NATURAL SURROUNDINGS 26.3 Avoid large continuous paved areas. Paved areas should be broken up by using colored or textured materials.	*Related Document: SWMP,* BMP Manual *Objective:* Minimization of imperviousness, disconnection of imperviousness	This language encourages the minimization and disconnection of impervious surfaces and therefore supports stormwater objectives.
	8	El Pueblo Viejo Design Guidelines. Chapter 3.B. Roof Design: The introduction of flat roof elements and parapet walls may also be acceptable for certain architectural designs but must be found compatible with architectural styles.	*Related Document:* BMP Manual *Objective:* Siting of green roof BMPs	This language could preclude the use of green roof BMPs over carports and therefore limits their implementation.
Footprint Restriction Allowances	**9**	California Building Code, Section 506.3. Automatic sprinkler system increase: Where a building is equipped throughout with an approved automatic sprinkler system in accordance with Section 903.3.1.1, the area limitation in Table 503 is permitted to be increased by an additional 200 percent for buildings with more than one story above grade and an additional 300 percent for buildings with no more than one story above grade plane...	*Related Document:* NPDES Permit, SWMP, BMP Manual *Objective:* Minimization of imperviousness, minimization of land disturbance	This language permits deviations from the developed area limitations for developments that include an approved automated sprinkler system. Projects that qualify for this allowance are not encouraged to minimize imperviousness and land disturbance.

TABLE 3.
AREAS OF POTENTIAL CONFLICT RELATED TO PARKING AND LOADING
City of Santa Barbara Ordinance Audit

GENERAL ISSUE		EXISTING CITY ORDINANCE/POLICY	STORMWATER POLICY/OBJECTIVE	DESCRIPTION OF CONFLICT/POTENTIAL CONFLICT
PARKING & LOADING				
Parking Space Number Requirements (Capacity Requirements)	1	Municipal Code Title 28: The Zoning Ordinance 28.90 Automobile Parking Requirements G. through K.	*Related Document:* NPDES Permit, SWMP, BMP Manual (Chapter 4) *Objective:* Minimization of imperviousness, low impact site design, implementation of BMPs	These codes, design guidelines and policies could ***potentially*** conflict with the objective of minimizing imperviousness by creating minimum parking standards. Minimum space requirements do not minimize the impervious area coverage for parking lots because they are a standard below which the project proponent cannot go. In contrast, if the project proponent wanted to provide a lot of parking (thereby creating excessive impervious coverage), he/she could because there are no maximum number of spaces set.
	2	Local Coastal Plan, Policy 4.2, Provide adequate off-street parking to serve the needs generated by the development.		
Parking Stall Dimension Requirements	3	Standards for Parking Design. Criteria for Design Standards. 1. The standards presented are minimum requirements and therefore dimensions less than those required will not be accepted on parking plans.	*Related Document:* NPDES Permit, SWMP, BMP Manual *Objective:* Minimization of imperviousness, Siting of parking lot BMPs	The design criteria could ***potentially*** conflict with the stormwater objective to minimize imperviousness because it creates minimum parking stall dimensions. Creating minimum stall dimensions creates a minimum impervious coverage per vehicle required. Additionally, the design guidelines do not create a maximum stall dimension and therefore do not limit stall dimensions.
Landscape Protection	4	Section 3: Additional Guidelines for Commercial/Industrial, Multi-Family and Residential Projects 3.2 Multi-Family Residential. C. Pavement. Vary paving materials to create interest and to delineate circulation within the ground plane, including separation between pedestrian and vehicular access. I. Landscape Protection. Protect landscaped areas from vehicular and pedestrian encroachment with raised planting surfaces or curbs. Concrete step areas or stepping-stones should be provided in landscape planters adjacent to parking spaces.	*Related Document*: BMP Manual (Section 6.8 - Permeable Pavement and Manual Section 4.7 - Disconnect Impervious Surfaces) *Objective:* Minimization of imperviousness, disconnection of impervious surfaces	This language could ***potentially*** preclude the use of bioretention and swale BMPs although curb cuts could be used if allowed.
Throat Requirements	5	City of Santa Barbara Standards for Parking Design, Criteria #6: For parking lots with 20 or more stalls, a 20 foot deep driveway "throat" is to be provided"	*Related Document:* NPDES Permit, SWMP, BMP Manual *Objective:* Minimization of imperviousness	This language could ***potentially*** conflict with the stormwater objective to minimize imperviousness because it requires additional parking lot coverage. Additionally, it could preclude parking lot landscaping or siting of BMPs.

TABLE 3.
AREAS OF POTENTIAL CONFLICT RELATED TO PARKING AND LOADING
City of Santa Barbara Ordinance Audit

GENERAL ISSUE	EXISTING CITY ORDINANCE/POLICY		STORMWATER POLICY/OBJECTIVE	DESCRIPTION OF CONFLICT/POTENTIAL CONFLICT
Compact Space Requirements	**6**	City of Santa Barbara Standards for Parking Design, Criteria #7: Compact car parking will only be allowed in surface parking lots containing more than 10 stalls. A maximum of 30% of the parking spaces will be allowed for compact car parking.	*Related Document:* NPDES Permit, SWMP, BMP Manual *Objective:* Minimization of imperviousness	The requirements of this language could ***potentially*** conflict with the stormwater objective to minimize imperviousness because it places a maximum on the compact car spaces allowed in meeting parking capacity requirements. Because compact cars require smaller parking spaces, the inclusion of compact parking spaces minimizes the required parking lot coverage. Placing a maximum on the compact spaces allowed does not encourage minimizing the impervious area of parking lots.
Accessible Parking Requirements	**7**	California Building Code, Section 1109A.3. Required accessible parking spaces: Accessible parking spaces shall be provided at a minimum rate of 2 percent of the covered multifamily dwelling units. At least one space of each type of parking facility shall be made accessible even if the total number exceeds 2 percent...	*Related Document:* NPDES Permit, SWMP, BMP Manual *Objective:* Minimization of imperviousness	Language in the California Building Code requiring that a percentage of parking spaces be designed for accessibility could ***potentially*** be a design challenge with respect to the stormwater objective of minimizing imperviousness. Accessible parking spaces are required to be larger than regular parking spaces (based on laws/requirements not reviewed herein) and therefore have a larger footprint. Alternately, if accessible parking spaces were not required, the parking lot footprint would be smaller, thereby minimizing imperviousness coverage (since parking lots are generally impervious). Additionally, for projects with a finite amount of space available, the additional space required by accessible parking spaces takes up area that could have been used for some sort of BMP. *Please note that these requirements are relevant to this work because they are found in the California Building Code. While this may not be the legal premise for the language, it is the document reviewed in which the references were found. Other documentation concerning accessibility was not reviewed and therefore, the issue is brought up with relevance to the California Building Code.
	8	California Building Code, Section 1109A.5. Unassigned and visitor parking spaces: When parking is provided for covered multifamily dwellings and is not assigned to a resident or a group of residents at least 5 percent of the parking spaces shall be accessible and provide access to grade-level entrances of covered multifamily dwellings and facilities that serve covered multifamily dwellings.		
	9	California Building Code, Section 1109A.8.5 Accessible single parking space: Where accessible single spaces are provided, they shall be constructed in accordance with the following: 1) Single spaces shall be 14 feet wide and lined to provide a 9-foot wide parking area and a 5 foot wide loading and unloading access aisle on the passenger side of the vehicle with the vehicle parking in the forward position. 2) When more than one space is provided, two 9 foot wide parking spaces may be lined on each side of a 5 foot wide loading and unloading access aisle. 3) The minimum length of each parking space shall be 18 feet. 4) ...		

TABLE 3.
AREAS OF POTENTIAL CONFLICT RELATED TO PARKING AND LOADING
City of Santa Barbara Ordinance Audit

GENERAL ISSUE	EXISTING CITY ORDINANCE/POLICY		STORMWATER POLICY/OBJECTIVE	DESCRIPTION OF CONFLICT/POTENTIAL CONFLICT
Accessible Parking Requirements, cont'd	**10**	California Building Code, Section 1109A.8.5 Van accessible parking space: One in every eight accessible spaces, but not less than one, shall be van accessible and shall be constructed in accordance with the following: 1) Each space shall be served by a loading and unloading access aisle at least 8 feet wide, placed on the passenger side with the vehicle parked in the forward position. 2) The minimum length of each parking space shall be 18 feet..	Related Document: NPDES Permit, SWMP, BMP Manual	Language in the California Building Code requiring that a percentage of parking spaces be designed for accessibility could potentially be a design challenge with respect to the stormwater objective of minimizing imperviousness. Accessible parking spaces are required to be larger than regular parking spaces (based on laws/requirements not reviewed herein) and therefore have a larger footprint. Alternately, if accessible parking spaces were not required, the parking lot footprint would be smaller, thereby minimizing imperviousness coverage (since parking lots are generally impervious). Additionally, for projects with a finite amount of space available, the additional space required by accessible parking spaces takes up area that could have been used for some sort of BMP. *Please note that these requirements are relevant to this work because they are found in the California Building Code. While this may not be the legal premise for the language, it is the document reviewed in which the references were found. Other documentation concerning accessibility was not reviewed and therefore, the issue is brought up with relevance to the California Building Code.
	11	California Building Code, Section 1129B.1 General: Each lot or parking structure where parking is provided for the public as clients, guests or employees, shall provide accessible parking as required by this section. … Table 11B-6 establishes the number of accessible parking spaces required.		
	12	California Building Code, Section 1129B.3 Parking space size: Accessible parking spaces shall be located as near as practical to a primary entrance and shall be sized as follows: 1) Dimensions: Where single spaces are provided, they shall be 14 feet wide and lines to provide a 9-foot parking area and a 5-foot loading and unloading access aisle on the passenger side of the vehicle. When more than one space is provided in lieu of providing a 14-foot wide space for each parking space, two spaces can be provided within a 23-foot wide area lined to provide a 9-foot parking area on each side of a 5-foot loading and unloading access aisle... 2) Van space(s): One in every eight accessible spaces, but not less than one, shall be served by a loading and unloading access aisle 96 inches wide minimum placed on the side opposite the driver's side when the vehicle is going forward into the parking space and shall be designated van accessible as required by Section 1129B.4...		

TABLE 4.
AREAS OF POTENTIAL CONFLICT RELATED TO LANDSCAPING
City of Santa Barbara Ordinance Audit

GENERAL ISSUE		EXISTING CITY ORDINANCE/POLICY	STORMWATER POLICY/OBJECTIVE	DESCRIPTION OF CONFLICT/POTENTIAL CONFLICT
LANDSCAPING				
Fire-resistant Landscaping	**1**	High Fire Hazard Area Landscape Guidelines Ordinance #5439 All landscape plant species must be fire resistant (See enclosed Desirable Qualities for Fire Resistant Landscape Plants, Table 2). Certain plant species are considered to be undesirable in the High Fire Hazard area landscape. The enclosed list of Undesirable Plant Species (Table 3) should not be planted within 100 feet of any structure, unless listed otherwise. Slopes over 20% are at increased risk from wildfire, therefore the Fire Department recommends additional vegetation modification for a total distance of 150-200 feet from any structure.	*Related Document:* BMP Manual (Appendix G) *Objective:* Siting of vegetated BMPs	The requirements for placing plants within specific zones surrounding a structure may ***potentially*** conflict with the use of some of the plant types recommended for the different stormwater runoff BMPs. Additionally, the plants listed that should be avoided in the high fire hazard landscape zones are also recommended for use in vegetated BMPs, such as California sagebrush and baccharis species. This does not preclude implementation however it restricts implementation of vegetated stormwater BMPs and is evaluated by the Fire Department on a case by case basis.
	2	High Fire Hazard Area Landscape Guidelines Ordinance #5439 Plants that should be avoided within the high fire hazard landscape zones: California sagebrush, baccharis species (low growing ok)		
	3	Municipal Code Title 28: The Zoning Ordinance "28.87.200 Landscape or Planting Plan Approvals - Standards. Whenever in the Zoning Ordinance, as amended, the administrative duty of reviewing and approving landscaping or planting plans is placed upon any officer or employee of the City, such officer or employee may disapprove such plans, or any part of them, if: 3. Any or all of the proposed plant materials, because of proposed location and type, will contribute to the spread of or make more hazardous the possibility of a brush or forest fire; or ...		
	4	General Plan Seismic Safety - Safety Element. Wildfire Recommendations. Fuel Management Controls 11. Review existing ordinances and amend if necessary to require new developments in High Hazard Fire Zone to use fire-resistant planting in landscape plans.		

TABLE 4.
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City of Santa Barbara Ordinance Audit

GENERAL ISSUE		EXISTING CITY ORDINANCE/POLICY	STORMWATER POLICY/OBJECTIVE	DESCRIPTION OF CONFLICT/POTENTIAL CONFLICT
Master Plant Lists	**5**	Chapala Street Landscape Guidelines - City of Santa Barbara Chapala Street Design Guidelines Chapala Street Master Plant List Intersection and Terminus Trees	*Related Document:* BMP Manual (Appendix G) *Objective:* Siting of vegetated BMPs	This language could ***potentially*** present design challenges in the use of plants recommended in Appendix G of the BMP Manual because they are not listed on the Master Plant Lists.
	6	Municipal Code Title 15: 15.20 Tree Planting and Maintenance 15.20.040 Other Plantings or Improvements in Parkway Strips. It is unlawful to install or plant in a Parkway Strip (i) any tree not designated an official tree in the Master Street Tree Plan; (ii) any other plant whose ultimate growing height is over eight inches; (iii) any other non-living ground cover, without a written permit from the Director.		
	7	Municipal Code Title 15: 15.20 Tree Planting and Maintenance 15.20.060 Development Activity - Tree Plans. The applicant for any activity for which approval by the Architectural Board of Review, the Historic Landmarks Commission or the Planning Commission is required by City law shall, concurrently with processing of such application, submit to the Director and the appropriate review body plans for the planting of official trees within any parkway strip on or adjacent to the lot, parcel or building site. The Director may designate the species, kind, number, spacing, and method of planting of such trees and may require the inclusion of root inhibiting planters.		
	8	El Pueblo Viejo Design Guidelines. Chapter 5. Landscaping and Plants B. Plant Materials. The majority of plants used in El Pueblo Viejo landscape projects are to be chosen from Appendix F, a list of traditional plant materials for the District.		
	9	State Street Landscaping Guidelines: Plants shall be selected from the El Pueblo Viejo approved list.		
	10	Municipal Code Title 15: Tree Planting, Maintenance, and Preservation 15.20 Tree Planting and Maintenance 15.20.030 Master Street Tree Plan. All trees within a parkway strip shall be planted and maintained according to the Master Street Tree Plan adopted by the City Council.		

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City of Santa Barbara Ordinance Audit

GENERAL ISSUE		EXISTING CITY ORDINANCE/POLICY	STORMWATER POLICY/OBJECTIVE	DESCRIPTION OF CONFLICT/POTENTIAL CONFLICT
Aesthetics	**11**	Municipal Code Title 28: The Zoning Ordinance "28.87.200 Landscape or Planting Plan Approvals - Standards. Whenever in the Zoning Ordinance, as amended, the administrative duty of reviewing and approving landscaping or planting plans is placed upon any officer or employee of the City, such officer or employee may disapprove such plans, or any part of them, if: 6. Any or all of the proposed plant materials are so arranged or placed so as not to produce the aesthetic result desired by the property owner; or	Related Document: BMP Manual (Appendix G) Objective: Siting of vegetated BMPs	This language could ***potentially*** preclude the use of vegetation recommended in Appendix G of the BMP Manual for stormwater BMPs
	12	Architectural and Urban Design Guidelines for the Airport II. Area Wide Guidelines C. Landscaping 3. Landscaping should be generally formal, compatible with existing on-site landscape and the neighborhood and complement the project's design and architecture.		
	13	Municipal Code §28.90.050.3 A. Perimeter Planter Requirements. This code contains perimeter planter requirements. The Code also provides the ABR with the ability to reduce or waive the requirements where alternative landscaping and designs proposed are equally effective in meeting the ordinance intent. In accordance with the ordinance, the ABR will consider whether a landscape planter waiver can be granted in the following circumstances: 1. Unique lot or existing building configurations will not allow a full parking area with five (5) foot wide planters; or, 2. Where an existing building precludes a driveway with full-sized planters; or 3. The project entrance is enhanced with an effective landscape screen, screen walls, decorative paving, significant architectural elements and/or skyline trees; or 4. Significant landscaping is proposed on other portions of the site so the plan maximizes landscaping within the parking area and/or throughout the project.	Related Document: BMP Manual (Appendix G) Objective: Siting of vegetated BMPs	This language provides allowances on landscaping requirements based on aesthetics but does not mention allowances for stormwater treatment purposes. It doesn't necessarily conflict with stormwater objectives but its vagueness could ***potentially*** preclude the use of recommended vegetation in stormwater BMPs.

TABLE 4.
AREAS OF POTENTIAL CONFLICT RELATED TO LANDSCAPING
City of Santa Barbara Ordinance Audit

GENERAL ISSUE		EXISTING CITY ORDINANCE/POLICY	STORMWATER POLICY/OBJECTIVE	DESCRIPTION OF CONFLICT/POTENTIAL CONFLICT
Aesthetics, cont'd	**14**	Haley-Milpas Design Guidelines. Landscaping. Low Maintenance "Plantscape": Low maintenance landscaping means locating planter areas in the right places, and choosing the right plants for them. The right places are: planter areas grouped together to avoid scattered plantings; planters protected from traffic by curbs or extra wide walks or stepping stones for pedestrians, planters located out from under eaves, with paving next to the building.	Related Document: BMP Manual Objective: Siting of vegetated BMPs	This language makes recommendations based on maintenance that could ***potentially*** preclude the implementation of vegetated BMPs such as planter boxes by discouraging scattered planters and encouraging curbs (curb cuts may be used for implementation in these circumstances).
	15	Pedestrian Master Plan. Chapter 8. Pedestrian Design Guidelines, Strategy 4.1.2 Required Sidewalk Improvements - Permanent planters usually are not permitted in the right of way. Moveable planters are permitted in the Frontage Zone under a permit…	*Related Document:* BMP Manual *Objective:* Siting of planter box biofiltration systems in the ROW	This design guidance could ***potentially*** conflict with the siting of bioretention and swale stormwater BMPs within the ROW because permanent planters are not permitted within the ROW.
Water Conservation	**16**	Landscape Design Standards for Water Conservation: IV. Compliance Requirements B. Turf and Water Wise Plants 1. The landscaped area of projects proposing exclusively commercial uses shall be designed without the use of turf and with 100% water wise plants.	Related Document: BMP Manual Objective: Siting of vegetated filter strips or other BMPs utilizing turf-like materials	This language prohibits the use of turf in commercial projects and therefore limits the implementation of vegetated filter strips and other BMPs that require turf for treatment processes.
	17	Landscape Design Standards for Water Conservation: IV. Compliance Requirements B. Turf and Water Wise Plants 3. Turf is not permitted in parkways, medians or other areas within the landscaped area with any dimension of less than eight feet.	Related Document: BMP Manual Objective: Siting of vegetated filter strips in parkways	This language limits the implementation of vegetated filter strips and other turf BMPs in parkways, medians and other landscaped areas with less than eight feet width.
	18	Municipal Code Title 14: Water & Sewer 14.20 is in regards to water use regulations during drought conditions Requirements for water use, irrigation or limiting irrigation during Stage 2 and Stage 3 drought conditions.	*Related Document:* BMP Manual *Objective:* Vegetation establishment in BMPs	This language may impose conditions that do not meet requirements of some plants during establishment.

TABLE 5.
AREAS OF POTENTIAL CONFLICT RELATED TO COMMUNITY DESIGN
City of Santa Barbara Ordinance Audit

GENERAL ISSUE		EXISTING CITY ORDINANCE/POLICY	STORMWATER POLICY/OBJECTIVE	DESCRIPTION OF CONFLICT/POTENTIAL CONFLICT
COMMUNITY DESIGN				
Resource Conservation	**1**	Biological Resources Implementation Strategy 7.0: Prime agricultural land shall be conserved wherever possible…	*Related Document:* NPDES Permit, SWMP *Objective:* Minimization of pollutant loading	This language encourages agricultural land uses, which are known contributors of nutrients to stormwater runoff. Because of this, this language could ***potentially*** conflict with the objective of the NPDES Permit to minimize pollutant loading. However, in contrast, the language could encourage smart growth and prevent sprawl.
	2	Municipal Code Title 22: Environmental Policy & Construction 22.12 Archaeological and Paleontological Resources 22.12.010 Applicability. All new development in the City of Santa Barbara shall be designed and constructed wherever feasible to avoid destruction of archaeological and paleontological resources consistent with the standards outlined in Section 22.12.020, below.	*Related Document:* BMP Manual *Objective:* Minimization of pollutant loading	This language would preclude the use of stormwater BMPs in these conserved areas.
Neighborhood Aesthetics	**3**	City of Santa Barbara Single Family Residence Design Guidelines - Site Planning and Structure Placement 2. Neighborhood Context: Integrate structures and site plan with the neighborhood. Respect, complement or improve upon existing neighborhood patterns, such as: • Distance from the street (sometimes greater than present minimum zoning regulations) • Existing parking arrangement patterns • If possible, consider private use and view areas of immediate neighbors (See Good Neighbor Guidelines and Tips)	*Related Document:* NPDES Permit *Objective:* Low impact site design	Integrating structures and site plan with the neighborhood can limit the options for low impact site design and stormwater runoff BMPs and is therefore ***potentially*** conflicting with stormwater objectives.
	4	Municipal Code Title 28: The Zoning Ordinance 28.42 Senior Housing Zone 28.42.045 Basic Standards and Requirements. 7. No more than ten percent (10%) of the number of buildings in a development shall have a flat roof. All other roofs shall be hipped or gabled.	*Conflicting Document:* NPDES Permit, BMP Manual *Objective:* Siting of green roof BMPs	This language could ***potentially*** limit the use of green roofs, which are recommended in the BMP manual as a treatment mechanism for roof runoff.

TABLE 6.
AREAS OF POTENTIAL CONFLICT RELATED TO STREETS and MOBILITY
City of Santa Barbara Ordinance Audit

GENERAL ISSUE		EXISTING CITY ORDINANCE/POLICY	STORMWATER POLICY/OBJECTIVE	DESCRIPTION OF CONFLICT/POTENTIAL CONFLICT
STREETS & MOBILITY				
Pedestrian Accessibility	**1**	Pedestrian Master Plan Chapter 8. Pedestrian Design Guidelines, Strategy 4.1.1., The pedestrian network should be accessible to all.	*Related Document:* NPDES Permit, SWMP, BMP Manual *Objective:* Minimization of imperviousness; siting of BMPs such as vegetated swales adjacent to the paved roadway within the ROW	This design guidance encourages making the pedestrian network extensive, to maximize access, and making it accessible (per the ADAAG which were not reviewed for the purposes of this project). Supporting the maximization of access and accessibility requirements for all sidewalk locations presents ***potential*** design challenges in light of the stormwater objective of minimizing imperviousness since sidewalks are generally impervious. In contrast, this policy language could promote walking, which reduces traffic-related pollutant loads.
	2	Pedestrian Master Plan Chapter 8. Pedestrian Design Guidelines, Strategy 4.1.2. Required Sidewalk Improvements - All construction of new public streets will include sidewalk improvements on both sides.	*Related Document:* NPDES Permit, SWMP, BMP Manual *Objective:* Minimization of imperviousness, siting of BMPs such as vegetated swales adjacent to the paved roadway within the ROW	This design guidance could ***potentially*** conflict with the stormwater objective to minimize imperviousness because it requires sidewalks on both sides of the street for all new development. In contrast, the pedestrian network could be designed without impacting pedestrian routes, by requiring sidewalks on only one side of the street for projects that meet appropriate criteria (i.e. specific land uses; development densities). Additionally, this policy could preclude the siting of BMPs, such as vegetated swales, adjacent to the paved roadway, by requiring that that space be used for sidewalks. In contrast, this policy language could promote walking, which reduces traffic-related pollutant loads.

TABLE 6.
AREAS OF POTENTIAL CONFLICT RELATED TO STREETS and MOBILITY
City of Santa Barbara Ordinance Audit

GENERAL ISSUE	EXISTING CITY ORDINANCE/POLICY		STORMWATER POLICY/OBJECTIVE	DESCRIPTION OF CONFLICT/POTENTIAL CONFLICT
Pedestrian Accessibility, cont'd	**3**	Pedestrian Master Plan Chapter 8. Pedestrian Design Guidelines, Strategy 4.1.2. Required Sidewalk Improvements - Many of guidelines for High Pedestrian Use areas can be used in areas with less pedestrian traffic.	*Related Document:* NPDES Permit, SWMP, BMP Manual *Objective:* Minimization of imperviousness, siting of BMPs such as vegetated swales adjacent to the paved roadway within the ROW	This language allows for maximum capacity sidewalk requirements to be applied where usage does not require the capacity. This language therefore does not encourage the minimization of imperviousness and limits the opportunity to site BMPs adjacent to the roadway. In contrast, this policy language could promote walking, which reduces traffic-related pollutant loads.
	4	Pedestrian Master Plan Chapter 8. Pedestrian Design Guidelines, Strategy 4.1.2. Required Sidewalk Improvements - All improvements to existing streets will include sidewalk construction. Street Improvements will be provided with sidewalk improvements on both sides of all streets in High Pedestrian Use areas.		
	5	El Pueblo Viejo Design Guidelines. Chapter 3: Character Defining Features of the District. Paseos and Courtyards	*Related Documents:* NPDES Permit, SWMP, BMP Manual *Objective:* minimization of imperviousness, minimization of pollutant loading	The encouragement of paseos in the El Pueblo Viejo district supports stormwater objectives by promoting pedestrian friendly design, which reducing traffic-related pollutant loading to the storm drain. It also however encourages impervious surfaces unless permeable pavement can be used.
	6	Lower Riviera Special Design District Design Guidelines. Chapter 9. Ancillary "Streetscape View" Items 9.2 Public Works: Streets, Sidewalks & Public Areas A. New sidewalks should be similar to originals C. Sandstone curbing should be maintained, and replaced when lost or damaged.	*Related Document:* NPDES Permit, SWMP, BMP Manual *Objective:* Minimization of imperviousness; siting of BMPs	This design guidance requires that the current curb and sidewalk elements be maintained, even when damaged and in need of replacement. This could preclude the incorporation of permeable pavement and/or other BMPs appropriate for the ROW.

TABLE 6.
AREAS OF POTENTIAL CONFLICT RELATED TO STREETS and MOBILITY
City of Santa Barbara Ordinance Audit

GENERAL ISSUE		EXISTING CITY ORDINANCE/POLICY	STORMWATER POLICY/OBJECTIVE	DESCRIPTION OF CONFLICT/POTENTIAL CONFLICT
Pathway Width Requirements	**7**	Municipal Code Title 22: Environmental Policy & Construction 22.60 Streets and Sidewalks 22.60.110 Width of Sidewalks - Next to Business Property. Sidewalks contiguous to commercial or business property shall begin at the curb and extend the full width as required under Section 22.60.120, so as to leave no unpaved surface between the curb and sidewalk except as.... 22.60.120 Width of Sidewalks - Next to Residential Property. Sidewalks contiguous to residential property shall have the following minimum widths; provided, that the City Council may grant permission for a lesser width where circumstances require such reduction; (1) Six feet (6') for streets having a right-of-way width of more than sixty feet (60'). (2) Five feet (5') for streets having a width of sixty feet (60') or less. (Ord. 4090, 1980; prior Code §39.27.)	*Related Document:* NPDES Permit, SWMP, BMP Manual *Objective:* Minimization of imperviousness	This code language could ***potentially*** conflict with the stormwater objective to minimize imperviousness because it creates minimum pathway widths less than which sidewalks may not be designed. Additionally, there is no maximum control on sidewalk width to limit impervious cover and ROW area attributed to the pedestrian network (and not stormwater BMPs). In contrast, this policy language could promote walking, which reduces traffic-related pollutant loads.
	8	California Building Code, Section 1110A.1: Exterior accessible route: When a building or portion of a building is required to be accessible or adaptable, an accessible route shall be provided to all portions of the building, accessible building entrances and between the building and the public way. The accessible route shall be the most practical direct route and to the maximum extent feasible, coincide with the route for the general public and building residents. Exterior accessible routes shall be provided as follows: 1) Where more than one route of travel is provided, all routes shall be accessible.	*Related Document:* NPDES Permit, SWMP, BMP Manual *Objective:* Minimization of imperviousness	This state law related to required minimum pathway dimensions for accessibility could ***potentially*** conflict with the stormwater objective to minimize imperviousness because it create minimums and in contrast, does not restrict excessive widths with maximums.
	9	California Building Code, Section 1113A.1 .1 Width: Walks and sidewalks shall be a minimum of 48 inches in width, except that walks serving an individual dwelling unit in covered multifamily buildings may be reduced to 36 inches in clear width except at doors.	*Related Document:* NPDES Permit, SWMP, BMP Manual *Objective:* Minimization of imperviousness	This state law related to required minimum pathway dimensions for accessibility could ***potentially*** conflict with the stormwater objective to minimize imperviousness because it create minimums and in contrast, does not restrict excessive widths with maximums.

TABLE 6.
AREAS OF POTENTIAL CONFLICT RELATED TO STREETS and MOBILITY
City of Santa Barbara Ordinance Audit

GENERAL ISSUE	EXISTING CITY ORDINANCE/POLICY		STORMWATER POLICY/OBJECTIVE	DESCRIPTION OF CONFLICT/POTENTIAL CONFLICT
Pathway Width Requirements, cont'd	**10**	California Building Code, Section 1114A.1 Width: The width of ramps shall be consistent with the requirements for exits in Chapter 10 of this code, but in no case shall the ramp width be less than the following: 1) Ramps serving accessible entrances to covered multifamily buildings where the ramp is the only exit discharge path and serves and occupant load of 300 or more shall have a clear width of 60 inches. 2) Ramps serving accessible entrances in Group R occupancies with an occupant load of 10 or less may be 36 inches in clear width. 3) All other ramps shall have a minimum clear width of 48 inches.	*Related Document:* NPDES Permit, SWMP, BMP Manual *Objective:* Minimization of imperviousness	This state law related to required minimum pathway dimensions for accessibility could ***potentially*** conflict with the stormwater objective to minimize imperviousness because it create minimums and in contrast, does not restrict excessive widths with maximums.
	11	California Building Code, Section 1133B.5.2 Ramp Width: Ramps shall have a minimum clear width of 48 inches unless required to be wider by some other provision of this code….		
Pathway Slope Restrictions	**12**	California Building Code, Section 1133.B.7.5 Walks with continuous gradients. All walks with continuous gradients shall have level areas at least 5 feet in length at intervals of 400 feet maximum.	*Related Document:* NPDES Permit, SWMP, BMP Manual *Objective:* Minimization of imperviousness	These state laws related to maximum slopes for accessible ramps and gradient breaks at specified intervals could ***potentially*** conflict with the stormwater objective to minimize imperviousness by requiring additional horizontal length to go down the same vertical distance.
	13	California Building Code, Section 1113A.2. Walks with continuous gradients: All walks on an accessible route with continuous gradients shall have level areas at least 60 inches in length at intervals of at least every 400 feet.	*Related Document:* NPDES Permit, SWMP, BMP Manual *Objective:* Minimization of imperviousness	These state laws related to maximum slopes for accessible ramps and gradient breaks at specified intervals could ***potentially*** conflict with the stormwater objective to minimize imperviousness by requiring additional horizontal length to go down the same vertical distance.
	14	California Building Code, Section 1133B.5.3 Ramp Slope: The least possible slope shall be used for any ramp. The maximum slope of a ramp shall be one unit vertical in 12 units horizontal. The maximum rise for any run shall be 30 inches.	*Related Document:* NPDES Permit, SWMP, BMP Manual *Objective:* Minimization of imperviousness	These state laws related to maximum slopes for accessible ramps and gradient breaks at specified intervals could ***potentially*** conflict with the stormwater objective to minimize imperviousness by requiring additional horizontal length to go down the same vertical distance.
	15	California Building Code, Section 1133B.5.4.1 Location of landings…Intermediate landings shall be provided at intervals not exceeding 30 inches of vertical rise and at each change of direction.		

TABLE 6.
AREAS OF POTENTIAL CONFLICT RELATED TO STREETS and MOBILITY
City of Santa Barbara Ordinance Audit

GENERAL ISSUE		EXISTING CITY ORDINANCE/POLICY	STORMWATER POLICY/OBJECTIVE	DESCRIPTION OF CONFLICT/POTENTIAL CONFLICT
Street Width Requirements	**16**	Municipal Code Title 22: 22.44 Street Dedication and Improvement for Building Permits 22.44.080(a)(1), AND Engineering Design Guidelines, Section 3: Street Design Criteria 3.4.1.a. Streets having a right of way width of not less than 100 feet. Each one-half of the street shall consist of not less than thirty two feet of paved section measured between curb faces and not less than ten feet of sidewalk and parkway area of which at least five feet shall be paved. The remaining eight feet may be utilized as a portion of divider or median strip width.	*Related Document:* NPDES Permit, SWMP, BMP Manual *Objective:* Minimization of imperviousness, siting of BMPs such as vegetated swales adjacent to the paved roadway within the ROW	This design guidance requires that different street categories have specified widths for paved roadway sections and sidewalk sections of the ROW. It could ***potentially*** conflict with the stormwater objectives of minimizing imperviousness and implementing BMPs in the ROW.
	17	Municipal Code Title 22: 22.44 Street Dedication and Improvement for Building Permits 22.44.080(a)(2) Streets having a right-of-way not less than eighty feet and a paved roadway width of not less than sixty feet. Each one-half (1/2) of the street shall consist of not less than thirty feet (30') of paved section measured from the center line of pavement to the curb face, together with a parkway and sidewalk area measuring ten feet (10') from the curb face to the street right-of-way line with concrete sidewalks constructed within such area to the width currently required by the Zoning Ordinance (No. 3710) and the Santa Barbara Municipal Code.		
	18	Municipal Code Title 22: 22.44 Street Dedication and Improvement for Building Permits 22.44.080(a)(3), AND Engineering Design Guidelines, Section 3: Street Design Criteria 3.4.1.c. Street rights of way having a right of way width not less than sixty feet with a paved roadway width of not less than forty feet with a sidewalk area of ten feet on each side of the paved section. Each half of the street shall consist of not less than twenty feet of pavement measured from the center line of pavement to the curb face, and ten feet of sidewalk and parkway area with not less than five feet of sidewalk.	Related Document: NPDES Permit, SWMP, BMP Manual Objective: Minimization of imperviousness, siting of BMPs such as vegetated swales adjacent to the paved roadway within the ROW	This design guidance requires that different street categories have specified widths for paved roadway sections and sidewalk sections of the ROW. It could ***potentially*** conflict with the stormwater objectives of minimizing imperviousness and implementing BMPs in the ROW.

TABLE 6.
AREAS OF POTENTIAL CONFLICT RELATED TO STREETS and MOBILITY
City of Santa Barbara Ordinance Audit

GENERAL ISSUE	EXISTING CITY ORDINANCE/POLICY		STORMWATER POLICY/OBJECTIVE	DESCRIPTION OF CONFLICT/POTENTIAL CONFLICT
Street Width Requirements, cont'd	**19**	Municipal Code Title 22: 22.44 Street Dedication and Improvement for Building Permits 22.44.080(a)(4), AND Engineering Design Guidelines, Section 3: Street Design Criteria 3.4.1.d. A street right of way not less than fifty-four feet with a paved width of not less than thirty four feet measured from curb face to curb face. Each half of the street shall have a paved width of not less than seventeen feet measured from the center line of pavement to the curb face and including ten feet of sidewalk and parkway area where the minimum width of sidewalk shall be five feet or such dimension as required by the Zoning Ordinance ...	Related Document: NPDES Permit, SWMP, BMP Manual Objective: Minimization of imperviousness, siting of BMPs such as vegetated swales adjacent to the paved roadway within the ROW	This design guidance requires that different street categories have specified widths for paved roadway sections and sidewalk sections of the ROW. It could ***potentially*** conflict with the stormwater objectives of minimizing imperviousness and implementing BMPs in the ROW. Additionally, it could preclude flexibility in implementing structural BMPs such as vegetated swales or bioretention cells which could treat runoff from paved portions of the ROW.
	20	Engineering Design Guidelines, Section 3: Street Design Criteria 3.4.5: Local streets are streets used primarily for access to abutting properties and which serves forty or less proposed or potential lots, as determined by the Advisory Agency. Local streets shall have a street right of way width of fifty four feet and a paved way of not less than thirty-four feet.		
	21	Engineering Design Guidelines, Section 3: Street Design Criteria 3.6.2: Cul-de-sacs shall not exceed 500 feet in length without special approval and shall have a 70 foot minimum curb line radius at the turn-around to accommodate the turning around of fire apparatus.	*Related Document:* NPDES Permit, SWMP, BMP Manual *Objective:* Minimization of imperviousness, siting of BMPs	This design guidance requires that different street categories have specified widths for paved roadway sections and sidewalk sections of the ROW. It could ***potentially*** conflict with the stormwater objectives of minimizing imperviousness and implementing BMPs in the ROW. Additionally, it could preclude flexibility in implementing structural BMPs such as vegetated swales or bioretention cells which could treat runoff from paved portions of the ROW.

TABLE 6.
AREAS OF POTENTIAL CONFLICT RELATED TO STREETS and MOBILITY
City of Santa Barbara Ordinance Audit

GENERAL ISSUE	EXISTING CITY ORDINANCE/POLICY		STORMWATER POLICY/OBJECTIVE	DESCRIPTION OF CONFLICT/POTENTIAL CONFLICT
Street Width Requirements, cont'd	22	Fire Department Development Standard #1. I. Driveways. Fire department access roads shall be provided and maintained in accordance with the California Fire Code. A. A driveway serving one residential lot or dwelling shall have a minimum width of 12 ft. B. A driveway serving two residential lots or dwellings shall have a minimum width of 20 ft. C. A driveway width serving three to nine residential lots or dwellings shall have a minimum width of 24 ft. D. A driveway serving 10 or more residential lots or dwellings shall have a minimum width of 24 ft.	*Related Document:* NPDES Permit, SWMP, BMP Manual *Objective:* Minimization of imperviousness	This language refers to the California Fire Code however requires minimum driveway widths for fire truck access. Minimum driveway widths could limit the minimization of imperviousness unless permeable pavement is widely used and encouraged.
	23	Fire Department Development Standard #1. II. Private Roads. The standard applies to access roadways serving two or more parcels. A. Roadways serving two or more residential parcels or dwellings shall have a minimum width of 24 ft. E. A road that is divided by a raised center median shall have a minimum unobstructed traveled width of 24 ft in each direction.	*Related Document:* NPDES Permit, SWMP, BMP Manual *Objective:* Minimization of imperviousness	This language refers to the California Fire Code however requires minimum private road widths for fire truck access. Minimum roadway widths could limit the minimization of imperviousness unless permeable pavement is widely used and encouraged.
Maintenance	24	Municipal Code Title 22: 22.60 Streets and Sidewalks 22.60.330 City Personnel to Exert No Dominion Over Private Streets, Etc. - Position of Public Works Department. No officer, agent or employee of the City shall perform any repair, maintenance, upkeep, or take any remedial or corrective action, nor exert any dominion, control or jurisdiction, nor to do any act upon or in connection with any street, lane, alley, way, road, right-of-way, driveway, passage or thoroughfare in the City which is not an official street of the City, as designated upon the official street map of the City.	*Related Document:* BMP Manual *Objective:* Maintenance of ROW BMPs	This code language prohibits the City from taking responsibilty for maintenance of stormwater BMPs along private roads on private property.

TABLE 7.
AREAS OF POTENTIAL CONFLICT RELATED TO OPEN SPACE
City of Santa Barbara Ordinance Audit

GENERAL ISSUE		EXISTING CITY ORDINANCE/POLICY	STORMWATER POLICY/OBJECTIVE	DESCRIPTION OF CONFLICT/POTENTIAL CONFLICT
OPEN SPACE				
Categorical Use Restrictions	1	Municipal Code Title 28: The Zoning Ordinance 28.37 Park and Recreation Zone There is a table showing allowed improvements/uses for each category of park. If the use is not specifically called out as allowed then the Community Development Director will determine if the improvement is allowed.	*Related Document:* NPDES Permit, SWMP, BMP Manual *Objective:* Siting of BMPs	This code language does not include stormwater BMPs on the explicitly allowed improvements/uses, which could ***potentially*** restrict BMP implementation. Note that this will require approval by the Community Development Director
Resource Setbacks and Activities Restrictions	2	Local Coastal Plan, Policy 6.11, Alterations of rivers and streams … and be limited to 1) water supply projects, 2) flood control projects, and 3) primary objectives of habitat.	*Related Document:* NPDES Permit, SWMP, BMP Manual *Objective:* Water quality objectives, siting of in stream BMPs	This policy language could ***potentially*** preclude the implementation of regional BMPs that require diversions of runoff from a stream channel for treatment.
Open Space Area Reductions	3	California Building Code, Section 507.5. Reduced open space: The permanent open space of 60 ft required in Sections 507.2, 507.3 507.4, 507.6 and 507.10 shall be permitted to be reduced to not less than 40 feet provided….	*Related Document:* NPDES Permit, SWMP, BMP Manual *Objective:* Conservation of open space.	This language could ***potentially*** preclude the maximization of open space by allowing deviations from the open space requirements which reduce the required open space for a project.
	4	Lower Riviera Special Design District Design Guidelines. Chapter 4. General Design Guidelines 4.2.d. The ABR/HLC may encourage and support zoning modifications that help perpetuate the preservation of the traditional development patterns of the neighborhood. These may include....a reduction of the required open space provision of the Zoning Code.		
Sediment Capture Minimization	5	Local Coastal Plan, Policy 6.6, All permitted construction shall be designed to eliminate or mitigate to the maximum extent possible impacts on local shoreline sand supply.	*Related Document:* BMP Manual *Objective:* Siting of BMPs that treat stormwater by removing sediment from stormwater flows (i.e. extended detention basins)	This language could ***potentially*** preclude the siting of BMPs (such as extended detention basins) that remove sediment from stormwater flows within the coastal zone.

TABLE 8.
AREAS OF POTENTIAL CONFLICT RELATED TO STORMWATER MANAGEMENT
City of Santa Barbara Ordinance Audit

GENERAL ISSUE		EXISTING CITY ORDINANCE/POLICY	STORMWATER POLICY/OBJECTIVE	DESCRIPTION OF CONFLICT/POTENTIAL CONFLICT
STORMWATER MANAGEMENT				
Curb & Gutter Requirements	**1**	Pedestrian Master Plan. Chapter 8. Pedestrian Design Guidelines, Strategy 4.1.2 Required Sidewalk Improvements - In general curb system is recommended	*Related Document:* NPDES Permit, SWMP, BMP Manual *Objective:* Minimization of Imperviousness, siting of BMPs such as vegetated swales adjacent to the paved roadway within the ROW	This design guidance could ***potentially*** conflict with the stormwater objective to minimize imperviousness by requiring that concrete curb and gutter systems be installed with street construction. The curb and gutter system requirement could preclude implementation implementation of street runoff BMPs that treat and convey stormwater (i.e. vegetated swale) unless curb cuts are allowed and recommended.
	2	Municipal Code Title 14: Water & Sewer 14.56 Natural Watercourses and Storm Drain System 14.56.020 Watercourses - Obstructions, Etc., by Matter Unlawful. 14.56.030 Allowing Rubbish, Garbage, Debris, Etc. to Obstruct.	*Related Document:* BMP Manual *Objective:* Siting of BMPs	This code language could ***potentially*** preclude the use of catch basin insert BMPs that filter out gross solids. There could be conditional language related to maintenance requirements.
Infrastructure	**3**	Engineering Design Guidelines, Section 6: Drainage System Design Criteria 9: Permanent open drainage ditches will not be permitted in the right of way of a public street.	*Related Document:* BMP Manual *Objective:* Siting of BMPs in the parkway	This design guidance could ***potentially*** create design challenges with respect to the implementation of BMPs such as vegetated swales in the parkway within the ROW.
	4	Engineering Design Guidelines, Section 6: Drainage System Design Criteria 11: The type of drainage facility shall be selected on the basis of physical adaptability to the proposed land use. Environmental channels (bio-swale) will be approved only in areas where substantial open space can be preserved. A low-flow pipe or swale shall be included. Maximum design velocity shall be 6 fps in the channel.	*Related Document:* BMP Manual *Objective:* Siting of bio-swales.	This design guidance could ***potentially*** create design challenges with respect to the implementation of bio-swales.

TABLE 8.
AREAS OF POTENTIAL CONFLICT RELATED TO STORMWATER MANAGEMENT
City of Santa Barbara Ordinance Audit

GENERAL ISSUE	EXISTING CITY ORDINANCE/POLICY		STORMWATER POLICY/OBJECTIVE	DESCRIPTION OF CONFLICT/POTENTIAL CONFLICT
Infrastructure, cont'd	**5**	Engineering Design Guidelines, Section 6: Drainage System Design Criteria 16: Once water is picked up in an underground storm drain, it shall remain in the system until discharged into an acceptable water course or storm drain.	*Related Document:* BMP Manual *Objective:* Siting of regional BMPs	This design guidance could ***potentially*** constrain the diversion of stormwater from the storm drain system to a regional BMP, such as a detention or infiltration basin, by requiring that stormwater, once collected by a storm drain, remain in the storm drain until discharged to an "acceptable" water course or storm drain. There is no mention of stormwater treatment facilities as being "acceptable" and therefore, this language could potentially conflict with regional treatment system implementation.
	6	Engineering Design Guidelines, Section 6.6.1.f: Branching of flow is not allowed without prior City Engineer's approval	*Related Document:* BMP Manual *Objective:* Siting of regional BMPs	This design guidance precludes the diversion of stormwater from the storm drain system to a regional BMP, such as a detention or infiltration basin, by prohibiting the branching of flow once collected by the storm drain system.
	7	Engineering Design Guidelines, Section 6.6.1.r: Storm drains may not be placed in parkway strip	*Related Document:* BMP Manual *Objective:* Siting of BMPs in the parkway	This design guidance could ***potentially*** preclude the implementation of BMPs in the parkway. The potential for it to conflict with BMP implementation is dependent on how stormwater BMPs are viewed and whether they are considered "storm drains".
	8	Engineering Design Guidelines, Section 6.7.2.a: The three basic types of catch basins are the side opening, grated, and a combination of both. …Grated inlets should be avoided, especially in sump conditions, because of the tendency to clog with debris.	*Related Document:* BMP Manual *Objective:* Implementation of catch basin inserts	This design guidance could ***potentially*** preclude the use of grates on catch basin inlets, which prevent debris from entering the storm drain. The language could potentially preclude the use of catch basin inserts which block debris from entering the storm drain as well.

TABLE 9.
LANGUAGE SUPPORTIVE OF STORMWATER OBJECTIVES
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GENERAL ISSUE		EXISTING CITY ORDINANCE/POLICY	STORMWATER POLICY/OBJECTIVE	DESCRIPTION OF RELATIONSHIP
Materials	1	Architectural and Urban Design Guidelines for the Airport II. Area Wide Guidelines I. Paving 2. Asphalt concrete in pedestrian areas should be divided into small er units with different material edging, banding and trim 3. Road widths should be normally held to the minimum necessary for safety and access. 4. Public hard surfaced areas, including driveways and parking areas, should be unit masonry, tile or concrete. 6. Encourage the use of permeable surfaces to reduce runoff where feasible.	*Related Document:* NPDES Permit, SWMP, BMP Manual *Objective:* Minimization of imperviousness, Siting of permeable pavement BMPs	This policy language encourages the minimization of imperviousness and the use of permeable paver BMPs.
	2	Upper State Street Guidelines 3-26) Creek Protection: Restore creek areas; reduce impervious surfaces; increase creek buffers and building setbacks from creeks; and establish use of water quality best management practices, native plants and integrated pest management near creeks. 3-28) Creekside Paths - Establish creekside pedestrian paths within the commercial corridor to improve circulation, increase connectivity and public awareness.	*Related Document:* NPDES Permit, SWMP, BMP Manual *Objective:* General creek protection, minimization of imperviousness, public education	This language espouses general stormwater objectives such as creek protection, minimization of imperviousness, public education, etc.
	3	Engineering Design Guidelines, Section 9: Urban Creeks and Watersheds 9.3 Creek-side Landscaping: The following landscaping guidelines originate in the Local Coastal plan: 2) Flat-work, patios, sidewalks or other constructed improvements may not be allowed within the drip-line of significant trees located within the creek setback. 3) Other structures will generally not be permitted within the setback unless they are required for flood control or soil conservation or for the public safety. 4) If permitted, structures within the setback must be built of natural materials.	*Related Document:* NPDES Permit, SWMP, BMP Manual *Objective:* Minimization of imperviousness, application of creek setback	This language supports the stormwater objectives of creek setbacks and minimization of imperviousness by restricting activities and construction within the creek setback and encouraging natural construction materials. In contrast, the language could preclude the placement of BMPs or conveyance within the setback.
	4	Architectural and Urban Design Guidelines for the Airport II. Area Wide Guidelines C. Landscaping 10. A buffer strip, a minimum of 100 feet in width, shall be maintained in a natural condition on the periphery of all wetland communities and creeks.		

TABLE 9.
LANGUAGE SUPPORTIVE OF STORMWATER OBJECTIVES
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GENERAL ISSUE	EXISTING CITY ORDINANCE/POLICY		STORMWATER POLICY/OBJECTIVE	DESCRIPTION OF RELATIONSHIP
Materials, cont'd	**5**	ABR Guidelines: Part 2: Landscape Design 2.4 Street and Driveway Design. Street and driveway designs should utilize the following design concepts. B. Street and Driveway Widths. Limit street and driveway widths to reduce paving quantity and encourage slower vehicle speeds, while providing adequate access. Consider the use of ribbon driveways, pavers and other materials that decrease the amount of pavement and increase permeability. Please note, applicants must consult with the Fire Department and Transportation Division regarding alternative paving methods.	*Related Document:* NPDES Permit, SWMP, BMP Manual *Objective:* Minimization of imperviousness, Siting of permeable pavement BMPs	This design guidance actually encourages the minimization of imperviousness on-site.
	6	ABR Guidelines: Part 2: Landscape Design 2.4 Street and Driveway Design. Street and driveway designs should utilize the following design concepts. B. Street and Driveway Widths. Limit street and driveway widths to reduce paving quantity and encourage slower vehicle speeds, while providing adequate access. Consider the use of ribbon driveways, pavers and other materials that decrease the amount of pavement and increase permeability. Please note, applicants must consult with the Fire Department and Transportation Division regarding alternative paving methods.		
	7	Haley-Milpas Design Guidelines: …the City has established requirements for screening, using fences and walls, perimeter plants for providing plant screening on the boundaries of the parking lot; interior planters to relieve vast expanses of paving on large lots; and irrigation for planting.		
	8	Architectural and Urban Design Guidelines for the Airport II. Area Wide Guidelines I. Paving 1. A predominance of asphalt exists on the developed portion of Airport property and every effort shall be made to reduce its impact.		

TABLE 9.
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GENERAL ISSUE		EXISTING CITY ORDINANCE/POLICY	STORMWATER POLICY/OBJECTIVE	DESCRIPTION OF RELATIONSHIP
Pedestrian-Friendly Design	**9**	Architectural and Urban Design Guidelines for the Airport II. Area Wide Guidelines C. Landscaping 6. Use landscaping in parking areas and along roadways to mitigate building mass from adjacent access roads. 7. Parking areas should incorporate canopy trees. 8. The pedestrian environment shall be enhanced with suitable ground cover and low to medium shrubs.	*Related Document:* NPDES Permit, SWMP, BMP Manual *Objective:* Maximization of infiltration	This language encourages landscaped areas in the Airport special design district which optimizes infiltration and therefore supports stormwater objectives.
Pedestrian-Friendly Design, cont'd	**10**	Lower Riviera Special Design District Design Guidelines. Chapter 4. General Design Guidelines 4.2.c. Preserve the "pedestrian friendly" character of the area by such traditional means as having dwellings oriented toward the street; minimizing prominence of garages; and preserving setbacks, open front yards, fences and landscaping features that are in keeping with historical patterns.	*Related Document:* NPDES Permit, SWMP, BMP Manual *Objective:* Minimization of pollutant loading	This language supports the minimization of traffic-related pollutant loading by encouraging pedestrian friendly design.
	11	Upper State Street Guidelines 3-7) Landscaping: Incorporate landscaping at building frontages to improve the pedestrian environment aesthetically… 3-8) Pedestrian Buffers - Buffer pedestrian facilities from automobiles… 3-9) Paseo Connections - Establish paseo connections between retail areas and residential neighborhoods		
Landscaping	**12**	Landscaping Design Standards for Water Conservation IV. Compliance Requirements D. Irrigation 1. Irrigation systems shall be designed and installed to avoid overspray and runoff. Valves shall be separated for individual hydrozones based on plant water needs and sun/shade requirements.	*Related Document:* NPDES Permit, SWMP *Objective:* Maximization of infiltration, minimization of pollutant loading	This language encourages the design of irrigation systems to prevent excess watering and run-off. This prevents dry-weather runoff and transport of dry-weather pollutants to the storm drain.
	13	Landscaping Design Standards for Water Conservation IV. Compliance Requirements D. Irrigation 3. Area less than 8 feet in width shall be irrigated only with bubblers, rotating nozzles on pop-up bodies, sub-surface, or drip irrigation.		
	14	Landscaping Design Standards for Water Conservation IV. Compliance Requirements D. Irrigation 4. Drip irrigation shall be provided on at least 25% of the landscaped area.		
	15	Landscaping Design Standards for Water Conservation IV. Compliance Requirements D. Irrigation 5. All irrigation systems shall be designed to include optimum distribution uniformity, head-to-head spacing and setbacks from walkways and pavement.		

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GENERAL ISSUE	EXISTING CITY ORDINANCE/POLICY		STORMWATER POLICY/OBJECTIVE	DESCRIPTION OF RELATIONSHIP
Landscaping, cont'd	**16**	Landscaping Design Standards for Water Conservation IV. Compliance Requirements E. Grading 1. The grading shall encourage water retention and infiltration by preserving open space and creating depressed areas/swales.	*Related Document:* NPDES Permit, SWMP, BMP Manual *Objective:* Minimize land disturbance	This language encourages the conservation of open space, the maximization of infiltration, and the minimization of disturbance of the natural drainage system, all of which are encouraged fpr stormwater management.
	17	Landscaping Design Standards for Water Conservation IV. Compliance Requirements E. Grading 2. The grading shall mimic natural, pre-development hydrologic flow paths.		
	18	Municipal Code Title 15: Tree Planting, Maintenance, and Preservation 15.20 Tree Planting and Maintenance 15.20.040 Other Plantings or Improvements in Parkway Strips. It is unlawful to install or plant in a Parkway Strip (i) any tree not designated an official tree in the Master Street Tree Plan; (ii) any other plant whose ultimate growing height is over eight inches; (iii) any other non-living ground cover, without a written permit from the Director.	*Related Document:* NPDES Permit, SWMP, BMP Manual *Objective:* Minimize imperviousness	This language prohibits non-living ground cover, which would most likely be impervious, from implementation in the Parkway without permit. It therefore discourages its use, and encourages the minimization of imperviousness.
Minimization of Imperviousness	**19**	Upper State Street Guidelines 2-9) Maximize underground parking	*Related Document:* NPDES Permit, SWMP, BMP Manual	This language encourages the minimzation of imperviousness.
	20	Upper State Street Guidelines 4-1) Shared Driveway Access and Parking at Existing Development		
Structural BMP Implementation	**21**	California Building Code, Section 1607.11.2.2. Special purpose roofs. Roofs used for promenade purposes, roof gardens, assembly purposes, or other special purposes shall be designed for a minimum live load as required in Table 1607.9…	*Related Document:* BMP Manual *Objective:* Siting of green roof BMPs	This language, through reference to special purpose roofs and in particular roof gardens allows some flexibility for the implementation of green roofs.
	22	California Building Code, Section 1805.5.6. Foundation wall drainage: Foundation walls shall be designed to support the weight of the full hydrostatic pressure of undrained backfill unless a drainage system is installed in accordance with Sections 1807.4.2 and 1807.4.3.	*Related Document:* BMP Manual *Objective:* Siting of BMPs adjacent to structures with foundations	This language requires that foundations be designed for the hydrostatic pressure of undrained backfill, which allows the siting of drainage BMPs adjacent to structures.

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GENERAL ISSUE		EXISTING CITY ORDINANCE/POLICY	STORMWATER POLICY/OBJECTIVE	DESCRIPTION OF RELATIONSHIP
Resource Protection	23	Upper State Street Guidelines 3-48) For projects near creeks, the preservation and enhancement of the natural creek areas is encouraged. Planting should be California native riparian species.	*Related Document:* NPDES Permit, SWMP, BMP Manual *Objective:* Conservation of open space, use of native species	This language supports the stormwater objective of the conservation of open space
	24	Municipal Code Title 27: "27.04.010 Special Treatment Areas. The City Council has recognized that the general provisions, definitions, procedures, improvements and design requirements, standards and principles set out in this ordinance, although adequate for most subdivisions, need modification and supplementation to protect and preserve the public health, safety, welfare and/or wildlife in regard to certain areas. The Council further recognized that when many areas are subdivided or developed such features as hillside terrain, special soil and geologic conditions, water frontage, highly combustible native vegetation and other conditions may cause one or more serious consequences such as increased fire, flood and erosion hazards, traffic circulation problems, property damage from expansive soil, slippage, subsidence, or seismic disturbance, and adverse effects on the economy of the community from destruction of the natural scenic beauty. Therefore, upon a finding of Council that any of the aforementioned conditions do exist, a parcel or parcels may be designated a special treatment area subject to the special terms, requirements and conditions established by the City Council or the Advisory Agency. Determination of special treatment consideration shall occur prior to the filing date for the tentative map. (Ord. 3790 §1, 1975.)"	*Related Document:* NPDES Permit, SWMP, BMP Manual *Objective:* Conservation of open space, siting of BMPs	This code language supports stormwater objectives by providing special consideration of sensitive areas which may result in conservation of sensitive open space areas. In contrast, this language may make the siting of BMPs in such areas difficult.

TABLE 9.
LANGUAGE SUPPORTIVE OF STORMWATER OBJECTIVES
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GENERAL ISSUE		EXISTING CITY ORDINANCE/POLICY	STORMWATER POLICY/OBJECTIVE	DESCRIPTION OF RELATIONSHIP
Open Space	**25**	California Building Code, Section 1132B.2 Parks and recreation areas. The following parks and recreation areas shall comply with these regulations. Exceptions: 2) Where the enforcing agency finds that, in specific areas, the natural environment would be materially damaged by compliance with these regulations, such areas shall eb subject to these regulations only to the extent that such material damage would not occur.	*Related Document:* NPDES Permit, SWMP, BMP Manual *Objective:* Minimization of imperviousness, conservation of open space, minimization of land disturbance	This language provides an allowance on ADA requirements for open space areas where requirements put the exisitng conditions at risk of environmental damage. This language supports the stormwater objectives of minimizing land disturbance, conserving open space and indirectly of minimizing impervious coverage.
	26	Upper State Street Guidelines 3-21) Open Spaces and Parks - Create opportunities for private and public open spaces when siting development, including…. 3-22) Relationship to nearby uses - Open spaces and parks should be located in relationship to other compatible and supportive activities and land uses such as	*Related Document:* NPDES Permit, SWMP, BMP Manual *Objective:* Low Impact Development	This language encourages the planning for open space and siting nearby compatible uses which is consistent with low impact development strategies.
Water Quality	**27**	Engineering Design Guidelines, Section 6: Drainage System Design Criteria 5: The City has submitted for an NPDES Phase II Storm Water Management Program to address storm water runoff quality, as well as quantity, with approval of the permit expected by mid 2008. The SWMP defines strategies and guidelines for the protection of water quality and reduction of pollutant discharges to the maximum extent practicable. ..	*Related Documents:* NPDES Permit, SWMP, BMP Manual *Objective:* General permit compliance	This language supports, in general, stormwater objectives just by referencing the SWMP.
	28	Engineering Design Guidelines, Section 9: Urban Creeks and Watersheds 9.2.1: Grading, drainage concerns: a) minimize erosion, and b) run-off caused pollution.	*Related Document:* NPDES Permit, SWMP, BMP Manual *Objective:* Minimization of erosion, minimization of pollutant loading	This language supports the stormwater objectives of minimization of erosion and pollutant loading through reference.

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LANGUAGE SUPPORTIVE OF STORMWATER OBJECTIVES
City of Santa Barbara Ordinance Audit

GENERAL ISSUE	EXISTING CITY ORDINANCE/POLICY		STORMWATER POLICY/OBJECTIVE	DESCRIPTION OF RELATIONSHIP
Water Quality, cont'd	**29**	ABR Guidelines: Part 2: Landscape Design 2.3 Sustainability Principles. Guidelines throughout this document support sustainable principles. I. Stormwater Management. Stormwater should be viewed as a resource with environmental and educational significance that can give unique character to neighborhood landscapes. Bioswales, infiltration areas, vegetated filter strips, porous paving, rainwater cisterns, and rainwater gardens should be incorporated into site design to allow biofiltration of sediment and pollutants, to slow down potentially damaging flows, and to increase the presence of nature within the community. J. On-Site Water Retention and Natural Drainage. Use methods to retain water on the site to recharge groundwater and to use for future watering (e.g. cisterns). Design landscaping to enhance natural drainage and biofiltration of pollutants through the use of bioswales, detention basins and other techniques. K. Permeability and Percolation. Use urban runoff/pollution control Best Management Practices to maximize the permeability of sites and on-site percolation of runoff. For example, design projects to minimize paved areas, collect runoff on-site, or maximize hardscape area permeability with brick or pavers on sand. L. Drainage Flow. Use natural watercourses, earth swales, v-ditches, drywells and water dissipation devices to enhance drainage flow on and through the site.	*Related Document:* NPDES Permit, SWMP, BMP Manual *Objective:* Stormwater treatment, maximization of infiltration	This language encourages the use of landscaping for stormwater management and supports stormwater objectives.

TABLE 9.
LANGUAGE SUPPORTIVE OF STORMWATER OBJECTIVES
City of Santa Barbara Ordinance Audit

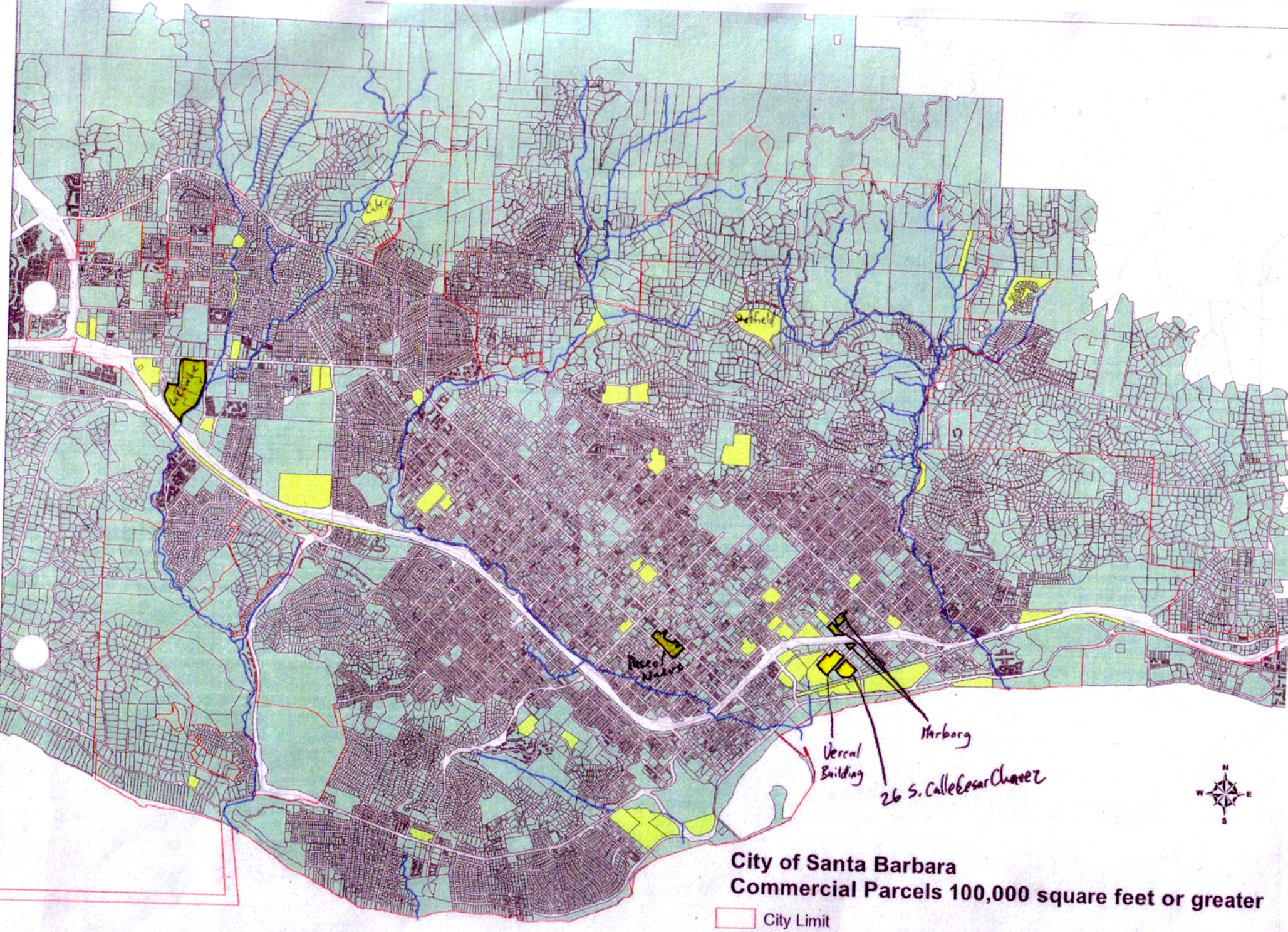
GENERAL ISSUE	EXISTING CITY ORDINANCE/POLICY		STORMWATER POLICY/OBJECTIVE	DESCRIPTION OF RELATIONSHIP
Erosion/Sedimentation Management	**30**	Engineering Design Guidelines, Section 6: Drainage System Design Criteria 7.f. Improvement of Existing Channels: Natural drainage channels existing within the subdivision may be required to be improved by the subdivider, if erosion, flooding or hazard may be created by the continued existence thereof.	*Related Documents:* NPDES Permit, SWMP, BMP Manual *Objective:* Hydromodification management	This language supports developer responsibility for impacts on channel stability caused by hydromodification.
	31	Engineering Design Guidelines, Section 8: Erosion Control Plans: Section 8.3 Temporary Erosion Control Measures	*Related Document:* SWMP, BMP Manual *Objective:* Minimzation of erosion and sediment loading to the storm drain	This language encourages the use of erosion control and sediment management techniques which supports the stormwater objectives to minimize erosion and sediment loading to the storm drain and creeks.
	32	Engineering Design Guidelines, Section 8: Erosion Control Plans: Section 8.4 Sediment Basins.		
	33	General Plan Seismic Safety - Safety Element: Erosion Recommendations 1. Detailed grading plans with strict revegetation provisions shall be required for all sites of proposed structures in areas of active erosion or high erosion potential. If cuts greater than 4 feet in height are proposed, the grading plan shall consider erosion control in areas with a conditions erosion potential.		
	34	General Plan Seismic Safety - Safety Element: Erosion Recommendations 2. Major construction projects in areas of active erosion or high erosion potential shall be required to implement erosion and sediment control procedures during the construction phase of the project.		
	35	General Plan. Seismic Safety - Safety Element. Flooding Recommendations 5. Develop a program to require removal or methods to effectively tie down floatable objects located on the 100-year floodplain.		

TABLE 9.
LANGUAGE SUPPORTIVE OF STORMWATER OBJECTIVES
City of Santa Barbara Ordinance Audit

GENERAL ISSUE		EXISTING CITY ORDINANCE/POLICY	STORMWATER POLICY/OBJECTIVE	DESCRIPTION OF RELATIONSHIP
Erosion/Sedimentation Management, cont'd	**36**	Erosion/Sedimentation Control Policy 5. Standard Erosion and Sediment Control Measures Gravel Construction Entrance: A gravel construction entrance is generally required where vehicle traffic is anticipated off of existing paved or graveled roads. Catch Basin Protection: A filter system shall be used on catch basins in public and private streets and parking areas as a means of sediment control. Sediment Filters/Barriers: For all projects, a silt fence or straw wattle dike shall be installed along the down slope edge of the disturbed area, prior to the commencement of grading. Straw wattles: can be used as dikes to stabilize temporary channel flow lines or as a perimeter filter barrier. Silt fences: should be installed where sediment from sheet flow or rill and gully erosion will enter directly onto adjacent property. Plastic sheeting: plastic sheeting shall generally not be used as an erosion control measure over large areas. Plastic sheeting may be used to protect small, highly erodible areas, or to protect temporary stockpiles of material. Existing vegetation and revegetation: As far as is practicable, existing vegetation shall be protected and left in place, in accordance with the clearing limits... Slope protection: Hydroseeding alone will normally not be considered satisfactory erosion protection for disturbed slopes steeper than 4V:1H. These areas should also be protected using straw and tackifier. The installation of erosion control blankets should be considered for all disturbed slopes steeper than 2.5H:1V and greater than 20 feet in slope length. .. Wet Weather Measures: On sites where vegetation and ground cover have been removed from more than 0.5 acres of land, vegetative cover shall eb planted on or before September 15th with the ground cover established by October 15.	*Related Document:* SWMP, BMP Manual *Objective:* Minimzation of erosion and sediment loading to the storm drain	This language encourages the use of erosion control and sediment management techniques which supports the stormwater objectives to minimize erosion and sediment loading to the storm drain and creeks.

TABLE 9.
LANGUAGE SUPPORTIVE OF STORMWATER OBJECTIVES
City of Santa Barbara Ordinance Audit

GENERAL ISSUE		EXISTING CITY ORDINANCE/POLICY	STORMWATER POLICY/OBJECTIVE	DESCRIPTION OF RELATIONSHIP
Flooding	**37**	General Plan. Seismic Safety - Safety Element. Flooding Recommendations 1. Establish and enforce adequate creek setbacks or buffer zones to protect new development from flood and erosion hazards.	*Related Document:* NPDES Permit, SWMP, BMP Manual *Objective:* Creek setbacks, floodway protection	This language supports the establishment of setbacks from creeks which is encouraged in stormwater management strategies.
	38	General Plan. Seismic Safety - Safety Element. Flooding Recommendations 4. Encourage light intensity use in the floodway or floodway fringe with the requirement that such uses shall not impair the flood carrying capacity of the stream.		



City of Santa Barbara
Commercial Parcels 100,000 square feet or greater

City Limit
sb_city_parcel_layers
Parcels > or = to 100,000 sq. ft. with commercial landuse designation

Appendix 3E

Storm Water General Inspection Checklist - Commercial Facilities

City of Santa Barbara

Storm Water Management Program

bryanuhrig@coldwellbanker.com

Date: 6/23/09	Time: 8:15
Parcel # 017-113-022	Facility: 26 S Calle Cesar Chavez
Inspector: MNB	Title: Water Resources Specialist

Facility Rep: Bryan Uhrig - owner.

	GOOD HOUSEKEEPING	(Circle one)		
1	Are outside areas kept neat, clean, and orderly?	yes	no	n/a
2	Are brooms/dust pans/shovels available for dry cleaning?	yes	no	n/a
3	Are storm drain inlets labeled "No Dumping, Flows to Bay?"	yes	no	n/a
4	Are garbage cans, waste bins, and dumpsters covered?	yes	no	n/a
5 a	Are parking lots or other impervious surfaces washed?	yes	no	n/a
b	If so, is wash water contained and collected, or directed to landscaping?	yes	no	n/a
6	Are stormwater drainage paths (gutters) clear? Grates clean?	yes	no	n/a
7 a	Are vehicles or equipment cleaned at this facility?	yes	no	n/a
b	If yes, is wash water being collected and disposed of properly?	yes	no	n/a

	HAZMAT STORAGE			
8 a	Are vehicles fueled at this location?	yes	no	n/a
b	If yes, are fuel tanks locked and/or properly operated?	yes	no	n/a
c	If yes, are measures taken to protect storm drains from spills?	yes	no	n/a
	Briefly describe:			
9	Do aboveground tanks (liquid) have secondary containment?	yes	no	n/a
10	Are containment structures or surface slabs liquid tight?	yes	no	n/a
11 a	Does this site store hazardous materials such as solvents, pesticides, or acids?	yes	no	n/a
b	If yes, are containers weathertight or covered?	yes	no	n/a
c	If yes, are ignitable or reactive wastes stored at least 50 feet from the property line?	yes	no	n/a
12 a	Has the facility had a hazardous waste spill since the last inspection?	yes	no	n/a
b	If yes, was the problem resulting in the spill corrected?	yes	no	n/a

OTHER BEST MANAGEMENT PRACTICES

resurface

check on dis on Cesar Chavez at S end of 36 S.

13 a	Does this site contain materials that could pollute the storm drains or creeks and ocean such as detergent, paint, or powders?	yes	no	n/a
b	If yes, are they stored in a manner prohibiting exposure to rain or runoff?	yes	no	n/a
14	Are waste materials kept on site in closed leaktight containers?	yes	no	n/a
15	Are all leaking vehicles or equipment equipped with drip pans?	yes	no	n/a
16	Are erodable soils uncovered or exposed to rainwater?	yes	no	n/a
17 a	Is the ground surface stained by oil or significant materials?	yes	no	n/a
b	If yes, has the source been found and contained?	yes	no	n/a
18	Are truck unloading areas covered?	yes	no	n/a
19	Does the facility have wastes, products, salvaged materials and recyclables stored properly?	yes	no	n/a
20 a	Does the facility have a clarifier/oil/water separator?	yes	no	n/a
b	If yes, is it clean and functioning properly?	yes	no	n/a
c	What is the maintenance schedule?			
21 a	Has this facility received a complaint regarding stormwater discharge?	yes	no	n/a
b	If yes, has the problem been addressed?	yes	no	n/a
22	Have personnel received training on Stormwater Pollution Prevention?	yes	no	n/a
23	Are spill response materials on available on-site? (Circle all that apply)	yes	no	n/a

Sand	Rice Hulls	Sorbent Booms/Pillows /Blankets	Kitty Litter	Neutralizer	Drip Pans	Other (Please List)

25 Action Items:

a

b

c

d

e

f

PARCELS: 051-010-011
13
12
14
07
08
19
18

Storm Water General Inspection Checklist - Commercial Facilities

City of Santa Barbara

Storm Water Management Program

- Gary Alexander 642 0605
- Rob 687-3500

SSC ServiceSolutions.

Date: 6/10/09	Time: 8:30 am
Parcel # See above	Facility: La Cumbre Plaza Mall
Inspector: Tim Burgess	Title: Water Resources Specialist

Gary Alexander - Manager of operations.

GOOD HOUSEKEEPING

		(Circle one)		
1	Are outside areas kept neat, clean, and orderly?	(yes)	no	n/a
2	Are brooms/dust pans/shovels available for dry cleaning?	(yes)	no	n/a
3	Are storm drain inlets labeled "No Dumping, Flows to Bay?"	yes	(no)	n/a
4	Are garbage cans, waste bins, and dumpsters covered?	(yes)	no	n/a
5 a	Are parking lots or other impervious surfaces washed?	(yes)	no	n/a
b	If so, is wash water contained and collected, or directed to landscaping?	(yes)	no	n/a
6	Are stormwater drainage paths (gutters) clear? Grates clean?	(yes)	no	n/a
7 a	Are vehicles or equipment cleaned at this facility?	yes	(no)	n/a
b	If yes, is wash water being collected and disposed of properly?	yes	no	(n/a)

HAZMAT STORAGE

8 a	Are vehicles fueled at this location?	yes	(no)	n/a
b	If yes, are fuel tanks locked and/or properly operated?	yes	no	(n/a)
c	If yes, are measures taken to protect storm drains from spills?	yes	no	(n/a)
	Briefly describe:			
9	Do aboveground tanks (liquid) have secondary containment?	yes	no	(n/a)
10	Are containment structures or surface slabs liquid tight?	yes	no	(n/a)
11 a	Does this site store hazardous materials such as solvents, pesticides, or acids?	yes	(no)	(n/a)
b	If yes, are containers weathertight or covered?	yes	no	(n/a)
c	If yes, are ignitable or reactive wastes stored at least 50 feet from the property line?	yes	no	(n/a)
12 a	Has the facility had a hazardous waste spill since the last inspection?	yes	(no)	n/a
b	If yes, was the problem resulting in the spill corrected?	yes	(no)	(n/a)

OTHER BEST MANAGEMENT PRACTICES

13 a	Does this site materials that could pollute the storm drains or creeks and ocean such as detergent, paint, or powders?	yes	no	n/a	
b	If yes, are they stored in a manner prohibiting exposure to rain or runoff?	yes	no	n/a	
14	Are waste materials kept on site in closed leaktight containers?	yes	no	n/a	
15	Are all leaking vehicles or equipment equipped with drip pans?	yes	no	n/a	
16	Are erodable soils uncovered or exposed to rainwater?	yes	no	n/a	
17 a	Is the ground surface stained by oil or significant materials?	yes	no	n/a	general p- oil stains.
b	If yes, has the source been found and contained?	yes	no	n/a	Vans, Mag i-z- Sen, pathe
18	Are truck unloading areas covered?	yes	no	n/a	
19	Does the facility have wastes, products, salvaged materials and recyclables stored properly?	yes	no	n/a	IEN takes trash recycles
20 a	Does the facility have a clarifier/oil/water separator?	yes	no	n/a	
b	If yes, is it clean and functioning properly?	yes	no	n/a	
c	What is the maintenance schedule?				
21 a	Has this facility received a complaint regarding stormwater discharge?	yes	no	n/a	
b	If yes, has the problem been addressed?	yes	no	n/a	
22	Have personnel received training on Stormwater Pollution Prevention?	yes	no	n/a	Hazmat training bro
23	Are spill response materials on available on-site? (Circle all that apply)	yes	no	n/a	

Sand | Rice Hulls | Sorbent Booms/Pillows /Blankets | Kitty Litter | Neutralizer | Drip Pans | Other (Please List)

25 Action Items:

a

b

c

d

e

f

Parcels: 037 400 001
2
15
3
4

Storm Water General Inspection Checklist - Commercial Facilities

City of Santa Barbara

Storm Water Management Program

Tom Chapman
Operations Manager
963-7147

Date: 6/10/09	Time: 3pm
Parcel #	Facility: Paseo Nuevo
Inspector: TWB	Title: Water Resources Spec.

Facility Rep: Tom Chapman - Operations Mgr.

	GOOD HOUSEKEEPING	(Circle one)		
1	Are outside areas kept neat, clean, and orderly?	yes	no	n/a
2	Are brooms/dust pans/shovels available for dry cleaning?	yes	no	n/a
3	Are storm drain inlets labeled "No Dumping, Flows to Bay?"	yes	no	n/a
4	Are garbage cans, waste bins, and dumpsters covered?	yes	no	n/a
5 a	Are parking lots or other impervious surfaces washed?	yes	no	n/a
b	If so, is wash water contained and collected, or directed to landscaping?	yes	no	n/a
6	Are stormwater drainage paths (gutters) clear? Grates clean?	yes	no	n/a
7 a	Are vehicles or equipment cleaned at this facility?	yes	no	n/a
b	If yes, is wash water being collected and disposed of properly?	yes	no	n/a

- pressure wash pavers

	HAZMAT STORAGE			
8 a	Are vehicles fueled at this location?	yes	no	n/a
b	If yes, are fuel tanks locked and/or properly operated?	yes	no	n/a
c	If yes, are measures taken to protect storm drains from spills?	yes	no	n/a
	Briefly describe:			
9	Do aboveground tanks (liquid) have secondary containment?	yes	no	n/a
10	Are containment structures or surface slabs liquid tight?	yes	no	n/a
11 a	Does this site store hazardous materials such as solvents, pesticides, or acids?	yes	no	n/a
b	If yes, are containers weathertight or covered?	yes	no	n/a
c	If yes, are ignitable or reactive wastes stored at least 50 feet from the property line?	yes	no	n/a
12 a	Has the facility had a hazardous waste spill since the last inspection?	yes	no	n/a
b	If yes, was the problem resulting in the spill corrected?	yes	no	n/a

OTHER BEST MANAGEMENT PRACTICES

24 hr security enforces no dumping in drains
- issue fines to tenants

Parking lot - Amco - pressure washes 2x/year, water collected

13 a	Does this site materials that could pollute the storm drains or creeks and ocean such as detergent, paint, or powders?	yes	no	n/a
b	If yes, are they stored in a manner prohibiting exposure to rain or runoff?	yes	no	n/a
14	Are waste materials kept on site in closed leaktight containers?	yes	no	n/a
15	Are all leaking vehicles or equipment equipped with drip pans?	yes	no	n/a
16	Are erodable soils uncovered or exposed to rainwater?	yes	no	n/a
17 a	Is the ground surface stained by oil or significant materials?	yes	no	n/a
b	If yes, has the source been found and contained?	yes	no	n/a
18	Are truck unloading areas covered?	yes	no	n/a
19	Does the facility have wastes, products, salvaged materials and recyclables stored properly?	yes	no	n/a
20 a	Does the facility have a clarifier/oil/water separator?	yes	no	n/a
b	If yes, is it clean and functioning properly?	yes	no	n/a
c	What is the maintenance schedule?			
21 a	Has this facility received a complaint regarding stormwater discharge?	yes	no	n/a - 3/26/08 - 8/19/08
b	If yes, has the problem been addressed?	yes	no	n/a
22	Have personnel received training on Stormwater Pollution Prevention?	yes	no	n/a
23	Are spill response materials on available on-site? (Circle all that apply)	yes	no	n/a

Sand | Rice Hulls | Sorbent Booms/Pillows /Blankets | Kitty Litter (absorbent) | Neutralizer | Drip Pans | Other (Please List)

25	Action Items:
a	
b	
c	
d	
e	
f	

Use fertilizer - Miracle grow
- White flies - malathion, rounding

- elevator pit - Black Gold services the retrieval & disposal. Not connected to stormwater drainage system.

Vercal Bldg ~~to 20~~ 17 tenants
Warehouse, ~~storage~~, office
A1 Commercial sweeper
Flood Prevention Program

Storm Water General Inspection Checklist - Commercial Facilities

City of Santa Barbara

Storm Water Management Program

Date: 5/22/09	Time: 1 pm
Parcel # 017-113-012	Facility: Vercal Building - 1 N. Calle Cesar Chavez
C 177 Inspector: Tim Burgess	Title: WATER RESOURCES SPECIALIST.

Facility Rep: Caroline Parks

	GOOD HOUSEKEEPING	(Circle one)		
1	Are outside areas kept neat, clean, and orderly?	yes	no	n/a
2	Are brooms/dust pans/shovels available for dry cleaning?	yes	no	n/a
3	Are storm drain inlets labeled "No Dumping, Flows to Bay?"	yes	no	n/a
4	Are garbage cans, waste bins, and dumpsters covered?	yes	no	n/a
5 a	Are parking lots or other impervious surfaces washed?	yes	no	n/a
b	If so, is wash water contained and collected, or directed to landscaping?	yes	no	n/a
6	Are stormwater drainage paths (gutters) clear? Grates clean?	yes	no	n/a
7 a	Are vehicles or equipment cleaned at this facility?	yes	no	n/a
b	If yes, is wash water being collected and disposed of properly?	yes	no	n/a

swept

Ernesto Rodriguez

	HAZMAT STORAGE			
8 a	Are vehicles fueled at this location?	yes	no	n/a
b	If yes, are fuel tanks locked and/or properly operated?	yes	no	n/a
c	If yes, are measures taken to protect storm drains from spills?	yes	no	n/a
	Briefly describe:			
9	Do aboveground tanks (liquid) have secondary containment?	yes	no	n/a
10	Are containment structures or surface slabs liquid tight?	yes	no	n/a
11 a	Does this site store hazardous materials such as solvents, pesticides, or acids?	yes	no	n/a
b	If yes, are containers weathertight or covered?	yes	no	n/a
c	If yes, are ignitable or reactive wastes stored at least 50 feet from the property line?	yes	no	n/a
12 a	Has the facility had a hazardous waste spill since the last inspection?	yes	no	n/a
b	If yes, was the problem resulting in the spill corrected?	yes	no	n/a

prohibited in tenant's leases.

OTHER BEST MANAGEMENT PRACTICES

13 a	Does this site materials that could pollute the storm drains or creeks and ocean such as detergent, paint, or powders?	yes	no	n/a
b	If yes, are they stored in a manner prohibiting exposure to rain or runoff?	yes	no	n/a
14	Are waste materials kept on site in closed leaktight containers?	yes	no	n/a
15	Are all leaking vehicles or equipment equipped with drip pans?	yes	no	n/a
16	Are erodable soils uncovered or exposed to rainwater?	yes	no	n/a
17 a	Is the ground surface stained by oil or significant materials?	yes	no	n/a
b	If yes, has the source been found and contained?	yes	no	n/a
18	Are truck unloading areas covered?	yes	no	n/a
19	Does the facility have wastes, products, salvaged materials and recyclables stored properly?	yes	no	n/a
20 a	Does the facility have a clarifier/oil/water separator?	yes	no	n/a
b	If yes, is it clean and functioning properly?	yes	no	n/a
c	What is the maintenance schedule?			
21 a	Has this facility received a complaint regarding stormwater discharge?	yes	no	n/a
b	If yes, has the problem been addressed?	yes	no	n/a
22	Have personnel received training on Stormwater Pollution Prevention?	yes	no	n/a
23	Are spill response materials on available on-site? (Circle all that apply)	yes	no	n/a

Sand	Rice Hulls	Sorbent Booms/Pillows /Blankets	Kitty Litter	Neutralizer	Drip Pans	Other (Please List) - MPS

25 Action Items:

a

b

c

d

e

f

Parcels: 017 030 006
017-030-007
017-081-021
017-030-012

Storm Water General Inspection Checklist - Commercial Facilities
City of Santa Barbara
Storm Water Management Program

Lisa Stone Co mgr
681-4942

Date: 5/22/09	Time:
Parcel # See above	Facility: Marborg Recycling Center
Inspector: T. Burgess	Title: Water Res. Spec.

Facility Rep: Cesar Medina

	GOOD HOUSEKEEPING	(Circle one)			
1	Are outside areas kept neat, clean, and orderly?	yes	no	n/a	
2	Are brooms/dust pans/shovels available for dry cleaning?	yes	no	n/a	
3	Are storm drain inlets labeled "No Dumping, Flows to Bay?"	yes	no	n/a	
4	Are garbage cans, waste bins, and dumpsters covered?	yes	no	n/a	
5 a	Are parking lots or other impervious surfaces washed?	yes	no	n/a	
b	If so, is wash water contained and collected, or directed to landscaping?	yes	no	n/a	Sump pit
6	Are stormwater drainage paths (gutters) clear? Grates clean?	yes	no	n/a	sewer
7 a	Are vehicles or equipment cleaned at this facility?	yes	no	n/a	
b	If yes, is wash water being collected and disposed of properly?	yes	no	n/a	

	HAZMAT STORAGE			
8 a	Are vehicles fueled at this location?	~~yes~~	no	n/a
b	If yes, are fuel tanks locked and/or properly operated?	yes	no	n/a
c	If yes, are measures taken to protect storm drains from spills?	yes	no	n/a
	Briefly describe:			
9	Do aboveground tanks (liquid) have secondary containment?	yes	no	n/a
10	Are containment structures or surface slabs liquid tight?	yes	no	n/a
11 a	Does this site store hazardous materials such as solvents, pesticides, or acids?	yes	no	n/a
b	If yes, are containers weathertight or covered?	yes	no	n/a
c	If yes, are ignitable or reactive wastes stored at least 50 feet from the property line?	yes	no	n/a
12 a	Has the facility had a hazardous waste spill since the last inspection?	yes	no	n/a
b	If yes, was the problem resulting in the spill corrected?	yes	no	n/a

OTHER BEST MANAGEMENT PRACTICES

Storm Water General Inspection Checklist - Commercial Facilities
City of Santa Barbara
Storm Water Management Program

Date: 5/22/09	Time:
Parcel #	Facility: Marborg Porta Potty facility & other lot.
Inspector: TN BURGESS	Title:

GOOD HOUSEKEEPING

		(Circle one)		
1	Are outside areas kept neat, clean, and orderly?	(yes)	no	n/a
2	Are brooms/dust pans/shovels available for dry cleaning?	(yes)	no	n/a
3	Are storm drain inlets labeled "No Dumping, Flows to Bay?"	yes	(no)	n/a
4	Are garbage cans, waste bins, and dumpsters covered?	(yes)	no	n/a
5 a	Are parking lots or other impervious surfaces washed?	yes	(no)	n/a
b	If so, is wash water contained and collected, or directed to landscaping?	yes	no	(n/a)
6	Are stormwater drainage paths (gutters) clear? Grates clean?	yes	no	(n/a)
7 a	Are vehicles or equipment cleaned at this facility?	(yes)	no	n/a
b	If yes, is wash water being collected and disposed of properly?	(yes)	no	n/a

HAZMAT STORAGE

8 a	Are vehicles fueled at this location?	yes	(no)	n/a
b	If yes, are fuel tanks locked and/or properly operated?	yes	no	(n/a)
c	If yes, are measures taken to protect storm drains from spills?	yes	no	(n/a)
	Briefly describe:			
9	Do aboveground tanks (liquid) have secondary containment?	yes	(no)	n/a
10	Are containment structures or surface slabs liquid tight?	(yes)	no	n/a
11 a	Does this site store hazardous materials such as solvents, pesticides, or acids?	(yes)	no	n/a
b	If yes, are containers weathertight or covered?	(yes)	no	n/a
c	If yes, are ignitable or reactive wastes stored at least 50 feet from the property line?	yes	(no)	n/a
12 a	Has the facility had a hazardous waste spill since the last inspection?	yes	(no)	n/a
b	If yes, was the problem resulting in the spill corrected?	yes	no	(n/a)

15 ft.

OTHER BEST MANAGEMENT PRACTICES

13 a	Does this site materials that could pollute the storm drains or creeks and ocean such as detergent, paint, or powders?	yes	no	n/a
b	If yes, are they stored in a manner prohibiting exposure to rain or runoff?	yes	no	n/a
14	Are waste materials kept on site in closed leaktight containers?	yes	no	n/a
15	Are all leaking vehicles or equipment equipped with drip pans?	yes	no	n/a
16	Are erodable soils uncovered or exposed to rainwater?	yes	no	n/a
17 a	Is the ground surface stained by oil or significant materials?	yes	no	n/a
b	If yes, has the source been found and contained?	yes	no	n/a
18	Are truck unloading areas covered?	yes	no	n/a
19	Does the facility have wastes, products, salvaged materials and recyclables stored properly?	yes	no	n/a
20 a	Does the facility have a clarifier/oil/water separator?	yes	no	n/a
b	If yes, is it clean and functioning properly?	yes	no	n/a
c	What is the maintenance schedule?	yes	no	n/a
21 a	Has this facility received a complaint regarding stormwater discharge?	yes	no	n/a
b	If yes, has the problem been addressed?	yes	no	n/a
22	Have personnel received training on Stormwater Pollution Prevention?	yes	no	n/a
23	Are spill response materials on available on-site? (Circle all that apply)	yes	no	n/a

Sand Rice Hulls Sorbent Booms/Pillows /Blankets Kitty Litter Neutralizer Drip Pans Other (Please List) absorbent

25 Action Items:

a

b

c

d

e

f

AAA SERVICES CO.
8067 SANTA ANA ROAD
VENTURA, CA. 93001

May 21, 2007

Amy Burgard
Creeks Planning Technician
City of Santa Barbara

Amy,

Here is the update information I promised you for the most suitable, compact and light capture, recovery and recycle system.

The system as pictured is on a two wheel hand cart type frame without power source, without the transfer water hose or reel. The system for DO streets will have the vacuum recovery filtration system mount on a four wheel cart

I am faxing the spec's for the four wheel carts that are available, depending on the size of the generator and one or two hose reels and hoses. The weight listed in for the vacuum pictured, is the shipping weight (155 pounds) The vacuum recovery filtration system weighs 98 pounds by itself.

You were going to get back to me on the parameters for the generator (noise level limitations) I will then be able to determine what generator to be used and the size cart to transport the equipment package. I will then be able to quote a price for equipment package and the lead time required for delivery.

Thank you,

Taylor Caldwell

This is a portable recovery system that protects the environment by eliminating wash water run off and complies with EPA /governmental storm drain regulations. This is a unique self-contained closed loop system with zero discharge and pretreatment for solids and hydrocarbons absorption. The system processes on a continuous flow basis without delays and offers a quick purge dump for collected solids. The reusable filters allow the operator quick and easy maintenance for continuous performance. This system is the most effective portable filtration system for mobile washers needing to recover wastewater.

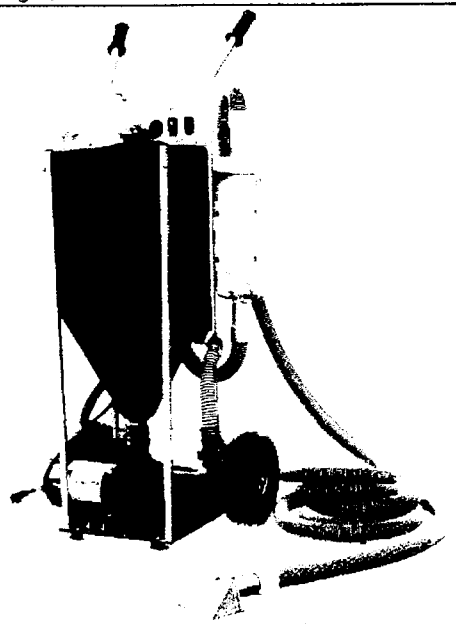
TECHNICAL DATA	PROCESS SYSTEM
PUMP	6.0gpm, 45psi centrifugal jet pump with automatic level control
PUMP POWER	115vac / 8.8 amp, Lighted Switches
PRESSURE CONTROL	Built in on demand processing
	SEPARATOR TANK
HOPPER	Polyethylene, Conical Slant Bottom, 16 gallon capacity
OIL SEPARATION	Oil Skimmer absorption pillow
SOLIDS SEPARATION	Gravity Separation with sludge / solids drain
PORTABILITY	Designed for portable operation and mobility
	VACUUM
VACUUM MOTOR	2 stage, 110" sealed vacuum, 102 cfm
VACUUM POWER	115vac / 11.2 amp, Lighted Switch
VACUUM HOSE	1.5" x 25' industrial ribbed
PICK DEVICE	Sand dam barriers with water boom and stainless steel scupper
	FILTRATION
BAG FILTERS	Solids strainer filter, vacuum inlet canister
OIL SKIMMER	Absorbent Skimmer pillow
CARTRIDGE FILTER	Pleated, Polyester, 4.5" x 20" , 20 Micron
REPLACEMENTS	Spare Cartridges: 20m (#VFH07)
WARRANTY	90 day Accessory Warranty
WEIGHT/DIMENSIONS	155# Net Dry Weight, 48" x 20" x 40"

Features and Benefits:

- ✓ Meets Current EPA and Storm Drain Regulations
- ✓ All Stainless Steel Frame for Corrosion Resistance
- ✓ Compact Design for Versatility and Portability >100lbs
- ✓ Wet / Dry Vacuum - Transfers up to 200' Away
- ✓ Solids Separation / Water Polishing to 20 Micron
- ✓ Reusable Filters for Easy Maintenance

Includes...

(2) Dams, 25' Pick-Up Hose, Scupper



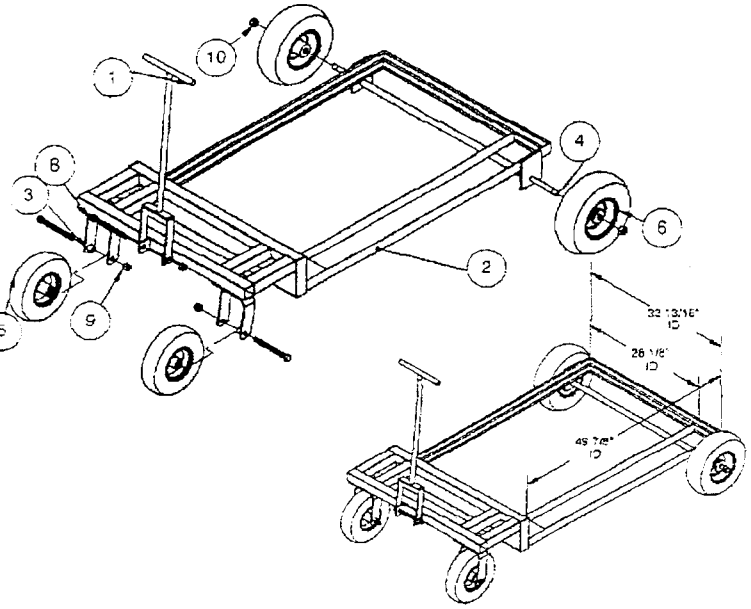
TO: _____

COMMENTS: _____

YOUR PRICE: _____

DISTRIBUTED BY:

May 21 07 10:16a RAR SERVICES CO 805 649 3025 p.3

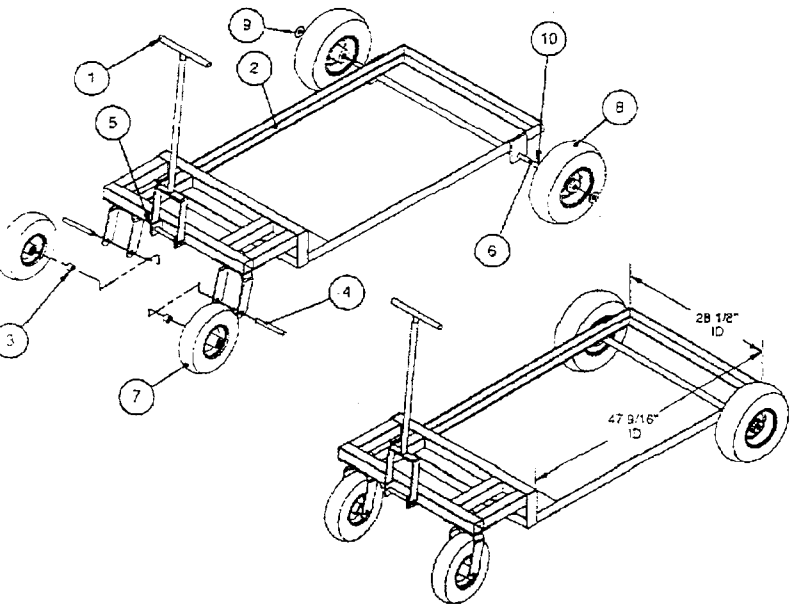


KIT, WHEEL - HD

EXPLODED VIEW - P/N 5357-99012
For Models 5357, 5407, 8305, 8307, 5505

PART LISTS

ITEM	PART NUMBER	PART DESCRIPTION	QTY.
1	3155-00180	HANDLE, TOW	1
2	5357-00104	WELDMENT, WHEEL KIT - HD	1
3	AP34-00075	SPACER	2
4	AR34-04600-T	AXLE, 3/4" X 46 5/16 THREADED ON BOTH ENDS	1
5	G02-00018A	ASS'Y, TIRE & RIM - 10"	2
6	G02-10016B	ASS'Y, TIRE & RIM - 13"	2
7	G02-10016-01	BEARING - 3/4"	4
8	H03-62500	BOLT, HEX - 5/8-11UNC X 6 1/2	3
9	H06-62502	NUT, LOCK, 5/8 - 11UNC	3
10	H06-75001	NUT, LOCK - 3/4-10UNC	2



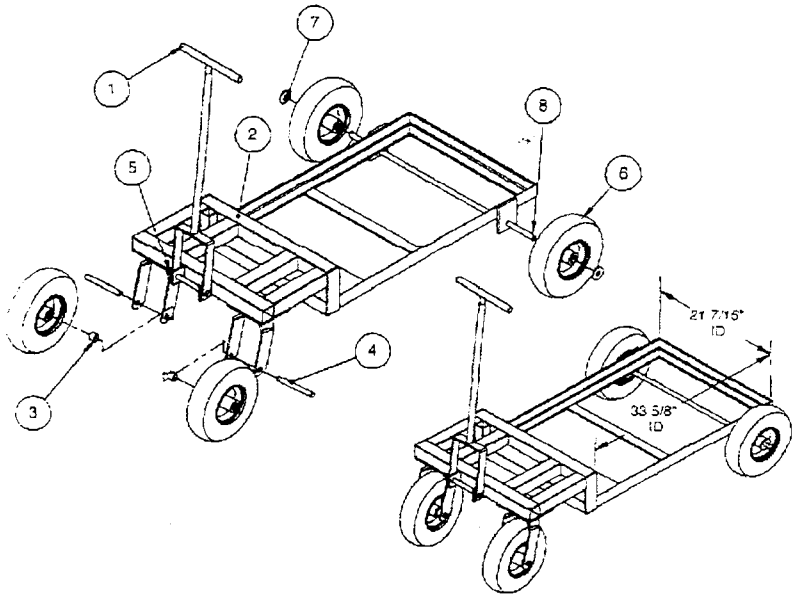
KIT, WHEEL - 4-WHEEL

EXPLODED VIEW - P/N 5305A-99008C
For Model 5305A

PART LISTS

ITEM	PART NUMBER	PART DESCRIPTION	QTY.
1	3155-00180	HANDLE, TOW	1
2	5305A-00104A	WELDMENT, WHEEL KIT	1
3	AP34-00075	SPACER	2
4	AR58-00501-P	ROD, AXLE	2
5	AR58-00601-P	ROD, AXLE	1
6	AR58-03700-P	AXLE, ROD - 5/8" X 37 1/2" W 5/16 HOLES	1
7	G02-00018A	ASS'Y, TIRE & RIM - 10"	2
8	G02-10016B	ASS'Y, TIRE & RIM - 13"	2
9	H05-62500	WASHER, FLAT	2
10	H12-12500	PIN, COTTER	8

May 21 07 10:16a AAA SERVICES CO 805 649 3025 p.4



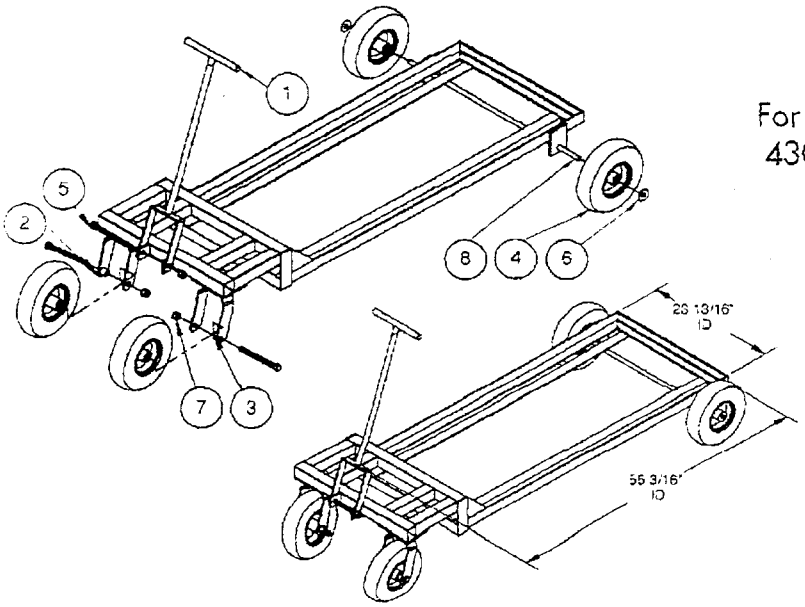
KIT, WHEEL - 4-WHEEL, HOSE REEL

EXPLODED VIEW - P/N 4108-99008C

For All Electric Washers

PART LISTS

ITEM	PART NUMBER	PART DESCRIPTION	QTY.
1	3155-00180	HANDLE, TOW	1
2	4108-00104C	WELDMENT, WHEEL KIT	1
3	AP34-00075	SPACER	2
4	AR58-00501-P	ROD, AXLE	2
5	AR58-00601-P ROD,	AXLE	1
6	G02-00018A	ASS'Y, TIRE & RIM - 10"	4
7	H05-62500	WASHER, FLAT	2
8	H12-12500	PIN, COTTER	8



KIT, WHEEL

EXPLODED VIEW - P/N 5501A-99008

For Models 2161, 3111, 3201, 3241, 4181, 4231, 4301, 5181, 5231, 5301, 5401, 5501 - Gas Fired

PART LISTS

ITEM	PART NUMBER	PART DESCRIPTION	QTY.
1	3155-00180	HANDLE, TOW	1
2	5501A-00104	WELDMENT, WHEEL KIT	1
3	AP34-00075	SPACER	2
4	G02-00018A	ASS'Y, TIRE & RIM - 10"	4
5	H03-62500	BOLT, HEX - 5/8 - 11UNC X 6 1/2	3
6	H05-62500	WASHER, FLAT	2
7	H06-62502	NUT, LOCK, 5/8 - 11UNC	3
8	H12-12500	PIN, COTTER	2

Clean Creeks
HEALTHY BEACHES
CITY OF SANTA BARBARA

SWMP City Staff Training
SIGN IN SHEET – Building and Safety
May 19, 2009

Name		Date
ALAN COOPER		5-19-09
Lauren Nocis		5-19-09
GEORGE ESTRELLA		5-19-09
Larry Cassidy		5-19-09
Lonnie Cassidy		5-19-09
DAVID MILES		5.19.09
Geoff LANCASTER		5-19-09
Brian Cronnebeck		5-19-09
CHRIS HANSEN		"
Samuel BLACKWELL		5-19-09
Rick Welch		5-19-09
Curtis Harrison		5-19-09
ED CATERIANO		5-19-09

Clean Creeks
HEALTHY BEACHES
CITY OF SANTA BARBARA

SWMP City Staff Training
SIGN IN SHEET - Building and Safety
May 19, 2009

Name		Date
Elizabeth Sorgman		5/19/09
CHRIS SHORT		5/19/09

Clean Creeks
HEALTHY BEACHES
CITY OF SANTA BARBARA

SWMP City Staff Training

SIGN IN SHEET – ~~Building and Safety~~ Parking

May ~~19~~ 20, 2009

Name		Date
Frank Tejeda		5/20/09
Domingo Quiñonez		5/20/09
Stephen Perry D.T.P.		5/20/09 F.
Steven Bautista		5/20/09
Juan Sierra-Cuevas		5/20/09
[illegible]		5/20/09
Aaron H. Gray		5-20-09
B.K. Wright		5-20-09
[illegible]		5-20-09
Amir Manzo		5-20-09
Philip A. Newbert		5-20-09
Arturo Rosas		" " "
Tomas Alterez		5-20-9
Tyler Conley		5/20/09
Brad Klein		5.20.09

Name	Date
Michael Sweeney	5/20/09
Darrell Barber	5/20/09
Jeff James	5/20/09
Dion Tait 5/20	
James Hernandez	5/20/2009
[illegible]	5/20/2009
Randell Graham	5/20/09

Clean Creeks
HEALTHY BEACHES
CITY OF SANTA BARBARA

SWMP City Staff Training
SIGN IN SHEET – Parks Dept.
May 21, 2009

Name	Date
Charles Williams	5/21/09
[illegible]	5-21-09
Jorge Luis Flores	5/21/09
Artemio Aranda	5-21-09
Santos Escobar	5-21-2009
Juan Olmedo	5-21-2009
Robert Funai	5-21-2009
Mark R Rauh	5-21-2009
Olga Montoya	5-21-09
Luis [illegible]	5-21-09
Gabriel Cangatachea	
MARK VOGEL	" " "
[illegible]	5-21-09
James Michael [illegible]	05-21-09

Clean Creeks
HEALTHY BEACHES
CITY OF SANTA BARBARA

SWMP City Staff Training
SIGN IN SHEET - Parks Dept.
May 21, 2009

Name		Date
Richard Brabe		5-21-2009
[illegible]		5-21-2009
Chuck Ogle		5-21-09
John Mead		5-21-09
Jeff Miller		5-21-09
Juan Garcia		5-21-09
Dave Jensen		5-21-09
[illegible]		5.21.09
Bob [illegible]		5/21/09
Rebecca Stephens		5/21-09
[illegible]		5-21-09
[illegible]		5-21-09
Joe C Albarran		05-21-09
Ernesto Segura		05-21-09

Clean Creeks
HEALTHY BEACHES
CITY OF SANTA BARBARA

SWMP City Staff Training
SIGN IN SHEET – Streets
May 28, 2009

Name	Date
Fernando Gonzalez	5-28-09
Henry Lopez	"
MO VALENCIA	5-28-09
Jose Cosio	5-28-09
LARRY DORIA	5/28/09
FLORENCIO HERRERA	5/28/09
Hector BALBOA	5-28/09
Juan Salvedo	5-28-09
Nidal Hongal	
John Booth	0884
[illegible] ALWOOD	5.28.09
Michael [illegible]	7447
[illegible]	5/28/9
[illegible]	5.28.09
Michael BORRAYO	5/28/9

Clean Creeks
HEALTHY BEACHES
CITY OF SANTA BARBARA

SWMP City Staff Training
SIGN IN SHEET – Streets
May 28, 2009

Name		Date
Rick Ornelas		5-28-09
Frank Gomez		5-28-09
Aunaray Richey		5-28-09
John Gordon		5/28/09
Paul Lopez		5/28/09
Jeff Bra[illegible]		"
[illegible]		5-28-09
Robin Hamlin		5-28-09
Nick Calungos		5-28-09
Jose Zarate		5-28-09
John Bvatt		0884

Clean Creeks
HEALTHY BEACHES
CITY OF SANTA BARBARA

SWMP City Staff Training
SIGN IN SHEET – Water Distribution
June 2, 2009

Name		Date
Pepe Marquez		6/2/09
Matt Sanchez		6-2-09
Adriano Marques		6/2/09
Moises Tinajena		6/2/09
Luis Torres		6/2/09
Dustin Graybeal		6/2/09
Gabriel Ibarra		6-2-09
Rick Marshall		6/2/09
Roger Arroyo		6/2/09
Jon Peebles		6/2/09
James Jenkins		6/2/09
Alfonso Lopez		6-2-09

Clean Creeks
HEALTHY BEACHES
CITY OF SANTA BARBARA

SWMP City Staff Training
SIGN IN SHEET – Water Distribution
June 2, 2009

Name		Date
Paul H. [illegible]		6-2-09
Jose M Delgado		6/2/09
Eric L Johnson		6/2/09
Anthony C. Pieto		06.02.09
Lalo Castillo		6-2-09
Raymond Lopez		6-2-09
Juan M. Ramirez		6-2-09
Chris Olvera		6/2/09
Matt Ward		6/2/09

Clean Creeks
HEALTHY BEACHES
CITY OF SANTA BARBARA

SWMP City Staff Training
SIGN IN SHEET – Wastewater Dept.
June 4, 2009

Name		Date
[illegible]		6-4-09
[illegible]		6-4-09
Matt Lombardi		6-4-09
[illegible]	FESTEBAN ZAMBRANO	6-4-09
[illegible]	CARLOS TREJO	6-4-09
STEVE CORREA		6-4-09
[illegible]	Dale ESCOBAR	6-4-09
[illegible]		6-4-09
[illegible]	Richard Alvarado	6/4/09
[illegible]	Alex Alonso	6/4/09
[illegible]		6/4/09
[illegible]		6/4/09

Clean Creeks
HEALTHY BEACHES
CITY OF SANTA BARBARA

SWMP City Staff Training
SIGN IN SHEET - Wastewater
May 28, 2009

Name		Date
Dale Escobar		5-28-09
Matt Lombardi		5-28-09

Clean Creeks
HEALTHY BEACHES
CITY OF SANTA BARBARA

SWMP City Staff Training
SIGN IN SHEET – Wastewater
May 28, 2009

Name		Date
Luke Pico		5-28-09
STEVE CORKAL		5-28-09
A. CARLOS TREJO		

Clean Creeks
HEALTHY BEACHES
CITY OF SANTA BARBARA

SWMP City Staff Training
SIGN IN SHEET - Golf
June 5, 2009

Name		Date
Mark E. Reed (Mark REED)		06/05/09
Lisandro Hungaicay		6-5-09
Arabb Aguilar		6-05-09
Gustavo Jimenez		6/5/09
José Luis Rojas		6/5/09
[illegible]		6/5/09
[illegible] / George Gonzales		6-5-09

Clean Creeks
HEALTHY BEACHES
CITY OF SANTA BARBARA

SWMP City Staff Training
SIGN IN SHEET - Golf
June 5, 2009

Name		Date
[illegible]		6-5-09
Michael Garcia		6-5-09
Kevin Harris		6-5-09

Clean Creeks
HEALTHY BEACHES
CITY OF SANTA BARBARA

SWMP City Staff Training
SIGN IN SHEET - Motorpool
June 10, 2009

Name	Date
[illegible]	6/10/09
Wm. Sandoval	10 Jun. '09
[illegible]	6-10-09
Hank Carrolejo	6-10-09
[illegible]	6-10-09
Bob Ummels	6/10/09
Shawn Mapes	6-10-2009
Alex Mayorga	6-10-09
[illegible]	6-10-2009
TINA DIAZ	6/10/09
Dave Higgins	6-10-09
[illegible]	6-10-09
[illegible]	6-10-09
[illegible] (C. CARATACHEA)	6/10/09

Clean Creeks
HEALTHY BEACHES
CITY OF SANTA BARBARA

SWMP City Staff Training
SIGN IN SHEET – Engineering
July 13, 2009

Name		Date
LINDA WEST		7-13-09
Linda Summerhay		7/13/09
TIM GAASCH		7/13/09
BRUCE McDONALD		7/13/09
JAMES WINSLOW		7/13/09
ERIC MAPLE		7/13/09
Randy Wavel		7/13/09
Pat Vogel		13 July 09
LOREE COLE		"
Adam Zieks		7/13/09
MAX KABHANIAN		7-13-09
PETER HARMER		7-13-09
Amanda Flesse		7/13/09
LONTEAN C JACKSON		7/13/09

Fire Department

P3 Training Hours Report (Summary) JA

Default Training Category = "O " and Date In {07/01/2009},{07/15/2009},{07/29/2009}

Staff ID Name	Hours
0200 Aguailar, David Allen	1.50
0306 Ames, Richard Joseph	1.50
0744 Beck, Brady Joseph	1.50
0745 Fairbank, Eric Robert	1.50
0747 Martinez, George Santoyo	1.50
0822 Blanco, Anthony	1.00
1247 Bryden, James Mark	1.50
1248 Bryant, Kevin Lee	1.50
1282 Burns, Jeffrey Carl	1.00
1381 Paige, Brandon Christopher	1.50
1383 Simonds, Spencer Alden	1.00
1384 Berkovich, David Thomas	1.50
1553 Carrillo, John Angel	1.50
1570 Cash, Gilbert Louis	1.00
1982 Corbett, Kevin Patrick	1.50
2306 LaMarca, Anthony Vincent	1.00
2318 Stuart, Craig Patrick	2.00
2319 Vaughn, Aaron M	2.17
2430 De Ponce, Michael Joseph	2.50
2885 Erland, Paul Christian	1.00
2904 Espinosa, Steven Paul	1.00
2938 Faulding, Phillip M	1.00
2961 Fierro, David Mitchell	1.75
3318 Gardner, Robert Lee	1.50
3808 Baxter, Brian A	1.50

Fire Department

P3 Training Hours Report (Summary) JA

Default Training Category = "O " and Date In {07/01/2009},{07/15/2009},{07/29/2009}

Staff ID Name	Hours
3811 Lee, Andrew T	1.00
4015 Hardin, Kell Kendrick	1.00
4255 Hazel, Robert Clay	1.50
4415 Herrera, Olga	1.75
4435 Hickman, Kyle Dean	1.17
4508 Hoffman, Barrett Dimitri	1.50
4513 Hokom, Kevin Leon	1.50
4572 Hoose, Michael Frederick	1.00
4778 James, Alvin Jerome	1.00
4830 Jensen, Robert Peter	1.00
4922 Jones, Trever Joshua	1.50
5811 Mailes, Christopher Patrick	1.50
6063 McCoy, James Patrick	1.00
6249 Mercado, Robert Joseph	1.00
6499 Moses, Michael Mair	1.50
6602 Mudgett, Michael Lawrence	2.25
6675 DiMizio, Robyn Denise	1.00
7000 Oshiro, Robert Kenji	1.50
7310 Pighetti, Anthony James	2.67
7337 Pitney, Gary Lynn	1.00
7789 Rockenbach, Heidi Rose	1.00
7794 Rodoracio, William Anthony	1.50
8450 McCarter, Sarah Jane	1.00
8678 Sylvies, Dean Leonard	1.00
8820 Thompson, Stanley Phelps	1.00

Fire Department

P3 Training Hours Report (Summary) JA

Default Training Category = "O " and Date In {07/01/2009},{07/15/2009},{07/29/2009}

Staff ID Name	Hours
8846 Tieso, Joseph Emery	1.00
9010 Veazey, William Forrest	1.00
9153 Waldron, Lee Charles	1.00
9166 Walsh, Brian Albert	1.50
9192 Watters, Scott Richard	3.00
9193 Waters, Bradley William	1.50
9481 Williams, Justin Paul	1.00
9554 Wilson, Matthew Reed	1.00
9720 Woodcock, Christopher Jack	1.50
9868 Zampese, Jeffry Robert	1.00

Total Attendees: *68* *Total Attendee Hrs:* *82.26*

Clean Creeks
HEALTHY BEACHES
CITY OF SANTA BARBARA

SWMP City Staff Training
SIGN IN SHEET – Facilities
August 12, 2009

Name			Date
JOE GONZALES			8/12/09
Jaime Herrera			8/12/9
Doug Wilson			8/12/09
Garrett Reynolds			8-12-09
Jesse Mullins			8-12-09
Ayala Victor			8-12-09
Art DeRueda			8-12-09
Bob Evans			8-12-09
MARK CAVALIER			8-12-09
JAY KIM			" "

4. Construction Site Storm Water Runoff Control

Activity	*BMP*	*Description/Implementation*	*Status*					
			Implemented	**Not Applicable**	**Modified**	**Effective**	**Unknown**	**Not Effective**
Evaluate need to revise current erosion and sediment control policy into stronger regulatory mechanism	4.1a	Review construction projects subject to the policy for compliance.	X			X		
	4.1b	Develop reports and statistics.	X			X		
	4.1c	Hold meetings with inspectors and developers.	X			X		
	4.1d	Decision to be made during third year of review.		X				
Evaluate the SBMC ordinance regarding erosion and sediment control requirements (Chap. 22, Section J111)	4.2a	Develop outline, detailed work program, budget, and schedule to review code relative to other comparable City codes.		X				
	4.2b	Develop revisions.		X				
	4.2c	Hold public workshops and hearings.		X				
	4.2d	Ordinance adoption.		X				
Track BMP inspections, violations, and resolution to violation	4.3	Use CASQA BMP Fact Sheets as checklist for proper implementation and maintenance confirmation and use existing computer permit software to track.	X			X		
Provide ongoing inspection of BMPs throughout course of construction with a focused priority on larger sites with slopes and/or adjacent to a creek	4.4	BMPs must be in place and functional before any other building inspections can be made; this makes sites with detailed erosion control plans a priority.	X			X		
Enforcement of violations related to erosion control issues for construction projects	4.5	Enforcement cases are tracked in database, along with contractor, developer, grading engineer, and any other associated personnel.	X			X		
Achieve compliance with erosion and sediment controls	4.6	Provide additional training to construction site operators.			X			X
Maintain and increase Building and Public Works Inspectors knowledge of design and implementation of erosion control BMPs	4.7	Provide annual training of Building and Public Works Inspectors.	X			X		

BMP 4.1 Evaluate Need to Revise Current Erosion and Sediment Control Policy into Stronger Regulatory Mechanism

Measurable Goal 4.1a: *Document all projects reviewed and % compliance with policy.*

Status: Each construction project that comes through the City for a building permit is reviewed for compliance with the existing Erosion/Sediment Control Policy, both on the plan sheets and in the field. 883 projects were inspected for erosion/sediment control measures in 2009, and the City's Building and Safety Division reports 100% compliance.

Proposed Modifications: None.

Proposed Year 2 Activities: Ongoing.

Measurable Goal 4.1b: *Document all projects reviewed and % compliance with policy.*

Status: In the field, erosion control inspections are often combined with other required building inspections, and therefore not tracked specifically/solely as "erosion control" inspections in the City's tracking mechanism. Therefore, the City's reporting mechanism for erosion control inspections shows only 626 inspections performed in 2009 for 388 project sites (Appendix 4A). Although this report does not demonstrate the true extent of the City's inspection efforts, it is included here to demonstrate the ongoing inspection and follow-up efforts of City staff to ensure that erosion control methods are properly installed and maintained.

Proposed Modifications: None.

Proposed Year 2 Activities: Ongoing.

Measurable Goal 4.1c: *Conduct monthly meetings with Inspectors to review compliance.*

Status: Inspector training/section meetings occur weekly that last for 1 1/2 - 2 hrs. There is a training topic each week and then time for questions and peer review of issues. During the latter parts of summer and into fall, and as the City approaches the "rainy season", erosion control becomes more and more of a weekly topic and training item rather than just a general discussion.

Projects are required to install erosion control before any inspections are given. If a project sites tries to call for an inspection without the erosion control measures in place, or if measures are placed incorrectly, a correction notice is given and the inspection that was called for is not completed. Depending on the weather, if a call back inspection on the erosion control measures is not received, the inspector will do a follow-up inspection of the site to see if any progress is being made. No construction is allowed until the required erosion control measures are in place. This is an excellent compliance tool, as it can cost the contractor money in down time and payroll for idle workers.

Proposed Modifications: None.

Proposed Year 2 Activities: Ongoing.

Measurable Goal 4.1d: *Make decision or adopt ordinance by end of permit year three.*

Status: The Building & Safety Division is in the first official year of evaluating the current Erosion/Sedimentation Control Policy. This policy was originally established in 2003 and has been updated as new and more effective BMP's have been developed. Current indications are that by leaving the details of BMP selection in a policy allows each development application to select BMPs that are the most effective for that specific project. Binding these details into an ordinance would not allow for the easy addition of new BMP's as they are developed and would require language so vague to provide a "one-size-fits-all" ordinance that would be ineffective.

Proposed Modifications: None.

Proposed Year 2 Activities: The need for an ordinance will be reviewed in Years and 3.

BMP 4.2 Evaluate the SBMC Ordinance Regarding Erosion and Sediment Control Requirements (Chap. 22, Section J111)

Measurable Goal 4.2a: *Approval of Workplan.*

Status: A work plan will be developed in Year 2 to outline, budget, and schedule a review of the code (Chapter 22, Section J111) relative to other comparable City codes.

Proposed Modifications: None.

Proposed Year 2 Activities: Develop work plan. .

Measurable Goal 4.2b: *Submit revisions to Ordinance Committee for review by end of permit year two.*

Status: This is a Year 2 SWMP task.

Proposed Modifications: None.

Proposed Year 2 Activities: See above.

Measurable Goal 4.2c: *4 meetings.*

Status: Meetings will occur in Years 2 and 3. The Building & Safety Division will participate in the public workshops and hearings that are to be held by the Creeks Division.

Proposed Modifications: None.

Proposed Year 2 Activities: See above.

Measurable Goal 4.2d: *Adopt ordinance by end of permit year three.*

Status: Ordinance adoption is currently a Year 3 SWMP task. Currently, compliance with appropriate BMP selection and proper installation is ensured by not allowing the project to continue without the required criteria being met. This is a much bigger "hammer" than simple fines which would be passed on to the project developer by the contractor and would not ensure continued compliance.

Proposed Modifications: None.

Proposed Year 2 Activities: See above.

BMP 4.3 Track BMP Inspections, Violations, and Resolution to Violation

Measurable Goal 4.3: *BMP inspections must be completed prior to October 15, or within the first week of work if construction begins after October 15.*

Status: All sites are directed to install BMP's as required on a year-round basis. Additional inspections are scheduled for all sites prior to the start of the wet season and periodic inspections are scheduled prior to and during rain events for prevention and monitoring purposes. The inspections for projects that will have ground disturbance during the "rainy season" begin once the permit is issued for the project. These inspections occur before any ground disturbance or construction has begun.

Proposed Modifications: None.

Proposed Year 2 Activities: Ongoing.

BMP 4.4 Provide Ongoing Inspection of BMPs Throughout Course of Construction with a Focused Priority on Larger Sites with Slopes and/or Adjacent to a Creek

Measurable Goal 4.4: *Building permit date formally kicks off inspection; track permit dates and number of inspections per site. Inspect BMPs using CASQA BMP Fact Sheets.*

Status: City's Building Inspectors log all BMP inspections into a computerized permitting system. These inspections are tracked and any "corrections" must be cleared before more inspections are given. The inspectors use the CASQA BMP Fact sheets to ensure that the BMP's are installed correctly and are appropriate for the site.

Proposed Modifications: None.

Proposed Year 2 Activities: Ongoing.

BMP 4.5 Enforcement of Violations Related to Erosion Control Issues for Construction Projects

Measurable Goal 4.5: *Track 100% of enforcement cases and report offenders in Annual Report.*

Status: Inspection reports are generated each day for each City inspector. These reports show previous inspections and any corrections that were required. This allows the inspectors to insure that incorrect installations are fixed before the project can proceed further.

All violations are enforced. Failure to comply with a correction notice results in a formal enforcement case leading to administrative penalties and legal action by the City Attorney's office.

There was one project that was a repeat offender for erosion control issues in Year 1; a large development project along the 1500 block of La Vista Del Oceano (the correction notices ("CORR") and stop work orders ("STOP") are

apparent in Appendix 4A). One stop work order was issued in January 2009 on several of the La Vista Del Oceano parcels that are all affiliated with the same, large project, due to the improper installation of erosion control measures and site failures. These issues were corrected.

Proposed Modifications: None.

Proposed Year 2 Activities: Ongoing.

BMP 4.6 Achieve Compliance with Erosion and Sediment Controls

Measurable Goal 4.6: *Reduce the number of violations by 10% each year.*

Status: The City's Building and Safety Division claims this measurable goal is impossible to track with current staff and reporting tools. Furthermore, a "10 % annual reduction" would not accurately reflect the number of violations, given the normally low amount of annual violations and the downturn in the economic environment. Building Inspection staff has great success in achieving compliance with the construction community.

Proposed Modifications: The City's Building and Safety Division proposes to provide information to the contractors, architects, engineers, designers, etc. in the form of an e-mail to the local American Institute of Architects (AIA), Santa Barbara Contractors Association, and also in an existing Land Development Team (LDT) e-mail bulletin. If contractors get the information they can review, distribute, and learn from at their convenience and in a time frame that fits into their schedule, it is more likely to be effective due to the fact many contractors in the field who are installing erosion control devices would not be allowed or encouraged by their employers to leave the site for training. The information would be sent to the various organizations on an annual basis and include links to helpful websites. For example, the cabmphandbooks, the City's SWMP document and City's Erosion & Sedimentation Control Policy. The cabmphandbooks site is effective with pictures and clear direction. The new Measurable Goal 4.6 would be: *Send annual informational email bulletin to appropriate groups and individuals.* The bulletin would be provided in the Annual Report.

Proposed Year 2 Activities: None.

BMP 4.7 Maintain and Increase Building and Public Works Inspectors Knowledge of Design and Implementation of Erosion Control BMPs

Measurable Goal 4.7: *100% of all inspectors trained each year.*

Status: Inspectors hold weekly training meetings on various construction and code issues. Beginning in late summer through late spring of very year, erosion control BMP installation is an almost weekly topic. Staff comparisons are noted for effectiveness and appropriateness. Also, inspectors work very hard with the contractors during this time to update and "train" them as well.

Proposed Modifications: None.

Proposed Year 2 Activities: Ongoing.

MCM 4 Attachments

SWMP Quarterly Report of Erosion Control Inspections

Print Date: February 25, 2010 Date Range: 01/01/2009 thru 12/31/2009

Number of inspections: 626

Number of sites: 388

Permit #	Site Address			
BLD2002-00953	2430 PINE DR			
	12/7/2009	DONE	Insp - FINAL EROSION CONTROL	
				1
BLD2003-00754	1840 LA CORONILLA DR			
	10/13/2009	CORR	Insp - ADD'L EROSION CONTROL	1)need to install permanent erosion control
	10/14/2009	CORR	Insp - ADD'L EROSION CONTROL	*maintain erosion control
	10/1/2009	CORR	Insp - FINAL EROSION CONTROL	1)install final erosion control and landscaping asap.
	10/12/2009	CORR	Insp - ADD'L EROSION CONTROL	1)install permanant erosion control
				4
BLD2003-01965	1585 LA VISTA DEL OCEANO			
	1/21/2009	DONE	Insp - ADD'L EROSION CONTROL	
	10/13/2009	CORR	Insp - ADD'L EROSION CONTROL	1)maintain erosion control
	10/14/2009	CORR	Insp - ADD'L EROSION CONTROL	*maintain erosion control
				3
BLD2003-02205	1906 GRAND AVE			
	2/13/2009	DONE	Insp - ADD'L EROSION CONTROL	Erosion control measures in place.
	9/8/2009	DONE	Insp - ADD'L EROSION CONTROL	Owner has hired a contractor to place erosion control & level public right of way. Shheduele to be presented to BLD dept within 7 days of this inspection
	2/12/2009	FAIL	Insp - ADD'L EROSION CONTROL	705-7679 No access to site. Silt fence at curb is intalled improperly.
				3
BLD2003-03022	1347 SANTA ROSA AVE			
	9/24/2009	DONE	Insp - FINAL EROSION CONTROL	
				1
BLD2004-01271	1576 LA CORONILLA DR			
	8/26/2009	DONE	Insp - FINAL EROSION CONTROL	
				1
BLD2004-01527	252 SAN NICOLAS			
	11/4/2009	DONE	Insp - FINAL EROSION CONTROL	
				1
BLD2004-02376	202 SANTA CATALINA			
	4/28/2009	DONE	Insp - ADD'L EROSION CONTROL	
				1
BLD2005-00027	1250 BEL AIR DR			
	11/4/2009	DONE	Insp - FINAL EROSION CONTROL	*LC went to site and said that the erosion control is done.
	10/6/2009	DONE	Insp - ADD'L EROSION CONTROL	
				2
BLD2005-01299	1217 1/2 GILLESPIE ST			
	6/10/2009	DONE	Insp - ADD'L EROSION CONTROL	
				1
BLD2005-01436	1701- 1704 LA VISTA DEL OCEANO LN 1706 & 1708			
	5/22/2009	DONE	Insp - ADD'L EROSION CONTROL	
				1
BLD2005-02002	2331 CLIFF DR			
	2/3/2009	DONE	Insp - FINAL EROSION CONTROL	
				1
BLD2005-02063	2526 MESA SCHOOL LN			
	2/2/2009	DONE	Insp - ADD'L EROSION CONTROL	
				1
BLD2005-02541	2211 HUDSON DR			
	5/5/2009	DONE	Insp - FINAL EROSION CONTROL	
	8/28/2009	DONE	Insp - FINAL EROSION CONTROL	
				2

Permit #	Site Address			
BLD2005-02696	962 ISLETA AVE			
1/26/2009	DONE	Insp - FINAL EROSION CONTROL		
				1
BLD2005-02827	432 E HALEY ST			
2/5/2009	DONE	Insp - INITIAL EROSION CONTRO		
				1
BLD2005-02859	320 LIGHTHOUSE RD			
6/16/2009	DONE	Insp - FINAL EROSION CONTROL		
				1
BLD2005-02955	1905 CLIFF DR			
5/5/2009	DONE	Insp - FINAL EROSION CONTROL		
				1
BLD2005-03140	1701- 1704 LA VISTA DEL OCEANO LN 1706 & 1708			
2/2/2009	DONE	Insp - ADD'L EROSION CONTROL		
1/26/2009	DONE	Insp - ADD'L EROSION CONTROL		
2/9/2009	DONE	Insp - ADD'L EROSION CONTROL		
				3
BLD2005-03370	1364 SANTA RITA CIR			
12/15/2009	DONE	Insp - FINAL EROSION CONTROL		
				1
BLD2006-00400	1704 LA VISTA DEL OCEANO DR			
5/13/2009	DONE	Insp - ADD'L EROSION CONTROL		
				1
BLD2006-00415	1701 LA VISTA DEL OCEANO DR			
10/13/2009	CORR	Insp - ADD'L EROSION CONTROL	1)maintain erosion control	
10/14/2009	CORR	Insp - ADD'L EROSION CONTROL	*maintain erosion control	
				2
BLD2006-00564	1624 CLEARVIEW RD			
8/12/2009	DONE	Insp - FINAL EROSION CONTROL		
				1
BLD2006-00617	1526 LA VISTA DEL OCEANO DR			
3/9/2009	DONE	Insp - ADD'L EROSION CONTROL		
				1
BLD2006-01334	1422 SANTA FE PL (NEW)			
2/9/2009	DONE	Insp - ADD'L EROSION CONTROL		
10/12/2009	CORR	Insp - ADD'L EROSION CONTROL	1)maintain erosion control	
10/13/2009	CORR	Insp - ADD'L EROSION CONTROL	1)maintain erosion control.	
10/14/2009	CORR	Insp - ADD'L EROSION CONTROL	*maintain erosion control	
2/2/2009	DONE	Insp - ADD'L EROSION CONTROL		
1/22/2009	DONE	Insp - ADD'L EROSION CONTROL		
1/26/2009	DONE	Insp - ADD'L EROSION CONTROL		
				7
BLD2006-01335	1426 SANTA FE PL (NEW)			
1/22/2009	DONE	Insp - ADD'L EROSION CONTROL		
				1
BLD2006-01336	1430 SANTA FE PL (NEW)			
1/21/2009	CORR	Insp - ADD'L EROSION CONTROL	*A site inspection was performed and the following people were contacted regarding the installation and maintenance of the erosion control. Bruce the ProjectManager/Contractor/Owner, Jeff the Grading Contractor 331-5795, Doug the Supervisor 949-289-7850.	
1/22/2009	DONE	Insp - ADD'L EROSION CONTROL		
				2
BLD2006-01337	1434 SANTA FE PL (NEW)			
1/21/2009	CORR	Insp - ADD'L EROSION CONTROL	*A site inspection was performed and the following people were contacted regarding the installation and maintenance of the erosion control. Bruce the ProjectManager/Contractor/Owner, Jeff the Grading Contractor 331-5795, Doug the Supervisor 949-289-7850.	
1/22/2009	DONE	Insp - ADD'L EROSION CONTROL		
				2
BLD2006-01338	1438 SANTA FE PL (NEW)			

Permit #	Site Address			
	1/21/2009	CORR	Insp - ADD'L EROSION CONTROL	*A site inspection was performed and the following people were contacted regarding the installation and maintenance of the erosion control. Bruce the ProjectManager/Contractor/Owner, Jeff the Grading Contractor 331-5795, Doug the Supervisor 949-289-7850.
	1/22/2009	DONE	Insp - ADD'L EROSION CONTROL	
				2
BLD2006-01339	1442 SANTA FE PL (NEW)			
	1/21/2009	CORR	Insp - ADD'L EROSION CONTROL	*A site inspection was performed and the following people were contacted regarding the installation and maintenance of the erosion control. Bruce the ProjectManager/Contractor/Owner, Jeff the Grading Contractor 331-5795, Doug the Supervisor 949-289-7850.
	1/22/2009	DONE	Insp - ADD'L EROSION CONTROL	
	1/27/2009	DONE	Insp - ADD'L EROSION CONTROL	
				3
BLD2006-01340	1446 SANTA FE PL (NEW)			
	1/21/2009	CORR	Insp - ADD'L EROSION CONTROL	*A site inspection was performed and the following people were contacted regarding the installation and maintenance of the erosion control. Bruce the ProjectManager/Contractor/Owner, Jeff the Grading Contractor 331-5795, Doug the Supervisor 949-289-7850.
	1/22/2009	DONE	Insp - ADD'L EROSION CONTROL	
				2
BLD2006-01372	937 CALLE CORTITA			
	11/24/2009	DONE	Insp - ADD'L EROSION CONTROL	
	5/28/2009	DONE	Insp - ADD'L EROSION CONTROL	
				2
BLD2006-01680	1621 VILLA AVE			
	1/14/2009	DONE	Insp - ADD'L EROSION CONTROL	
	5/5/2009	DONE	Insp - ADD'L EROSION CONTROL	
	1/22/2009	DONE	Insp - ADD'L EROSION CONTROL	
	11/24/2009	DONE	Insp - ADD'L EROSION CONTROL	
	1/26/2009	DONE	Insp - ADD'L EROSION CONTROL	
				5
BLD2006-01704	223 VIA SEVILLA			
	1/6/2009	DONE	Insp - FINAL EROSION CONTROL	
				1
BLD2006-01706	39 TINKER WAY			
	11/24/2009	DONE	Insp - ADD'L EROSION CONTROL	
				1
BLD2006-01717	1346 MANITOU RD			
	1/26/2009	DONE	Insp - FINAL EROSION CONTROL	
				1
BLD2006-01750	1568 LA VISTA DEL OCEANO DR			
	2/11/2009	DONE	Insp - ADD'L EROSION CONTROL	Site visit to compare site to submitted revised erosion control plan. Grading workers (Reuben) had gone ahead with installing measures prior to getting approved revision but the measures he installed were a definate improvement and similar to teh submitted ECP. LC
	1/21/2009	CORR	Insp - ADD'L EROSION CONTROL	*Supervisor Larry Cassidy and myself contacted and/or met on site the following people regarding the erosion control that needs to be installed and maintained: *Ruben that runs the equipment crew and site workers 207-9605, *Pete Silva grading Engineer with Penfield and Smith 963-9532, *Supervisor/Project Manager Bill Timm 963-0358, *partime foreman Kevin 896-2498.

Permit #	Site Address		
1/30/2009	STOP	Insp - ADD'L EROSION CONTROL	Please consider this a correction notice and Stop Work notice for the La Vista Del Oceano grading project including the road extension and the SFR sites. All grading other than erosion control work must stop as of the end of today (Friday, January 30th). Grading may continue after April 15th, 2009. I met with Peter Silvia (Civil Engineer) on site yesterday to discuss the design of a revised erosion control plan (ECP). A plan will be required to be drawn up by the civil engineer of record and submitted to the Building & Safety counter for review and approval by Building & Safety. To expedite installation of elements of the revised ECP for upcoming rain events, elements of the ECP may be installed prior to approval of the ECP provided the measures are properly located and installed under direct supervision of the civil engineer. The civil engineer of record must approve the final installation and provide a letter to Building & Safety stating the ECP has been installed properly. The ECP must provide requirements for maintenance of the ECP during and after rain events. The ECP must be submitted by Monday, February 9th and the ECP must be fully installed 10 days after approval. These timelines do not dismiss the responsibility of proper erosion/sedimentation control if a rain event occurs prior to installation of the revised ECP. This responsibility still lies with the property owner and the contractors. Failure to control sediment may result in citation(s) from Building & Safety and/or the Creeks Division. To underscore the importance of a proper ECP, when I arrived yesterday there was evidence of a small rivulet from an irrigation line that had broken at one of the homes on the upper portion of LVDO. The workers on site said the leak lasted only 5 minutes yet the sediment from this small amount of water filled up one of the gravel bag barriers at the lower portion of the site to about 50% of its capacity. Larry Cassidy Building Inspection/Plan Check Supervisor Community Development Department City of Santa Barbara office 805-564-5588 cell 805-896-7447 lcassidy@SantaBarbaraCA.gov
1/22/2009	CORR	Insp - ADD'L EROSION CONTROL	1)I met with Rich Foster Excavating Contractor and LC met with Bill Timm (GC)on stie to discuss failure of erosion control elements. Instructed Bill to have Civil Engineer of Record visit site and make additional reccomendations for coming rains predicted for next 5-7 days. Provide additional long-term plan for site erosion/sediment control given grading operations may be halted in 2 weeks.

2/9/2009 CORR Insp - ADD'L EROSION CONTROL

Please consider this a correction notice:

The erosion control measures installed at the site have failed. It is the responsibility of the owner and general contractor to ensure the streets are cleaned up in a timely fashion. Clean up must include the intersection of Cliff Dr. & LVDO and affected section of LVDO. This may require use of a vacuum truck and/or street sweeper. Do not rinse sediment down the storm drain.

It has become apparent that the representative from J&S Excavation does not possess the expertise required to properly install erosion control for such a large site. Erosion control measures have been misapplied, improperly installed and not maintained even after numerous correction notices have been written.

As mentioned in my correction notice dated 1/30/2009 (see below), an erosion control plan is due for submittal as a revision today. Also mentioned in my previous correction notices, the responsibility of proper erosion control lies with the owner and contractors.

The following actions have taken place:
A reinspection fee of $132 has been assessed.
An enforcement case has been started. Timelines and significant citations ($100/day) will follow promptly if progress is not seen regarding implementation of a proper erosion control plan.
The Creeks Division has been forwarded pictures of the Cliff/LVDO intersection. The Creeks Division may initiate their own enforcement case and will assess their own citations.

Please reply by e-mail or if you have any questions or comments.

Larry Cassidy
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Community Development Department
City of Santa Barbara
office 805-564-5588
cell 805-896-7447
lcassidy@SantaBarbaraCA.gov

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BLD2006-01751 1576 LA VISTA DEL OCEANO DR

1/21/2009 DONE Insp - ADD'L EROSION CONTROL

*Supervisor Larry Cassidy and myself contacted and/or met on site the following people regarding the erosion control that needs to be installed and maintained: *Ruben that runs the equipment crew and site workers 207-9605, *Pete Silva grading Engineer with Penfield and Smith 963-9532, *Supervisor/Project Manager Bill Timm 963-0358, *partime foreman Kevin 896-2498.

1/30/2009 DONE Insp - ADD'L EROSION CONTROL

(Below is text from e-mail to 'Michelle Velarde'; 'Rich Ridgway'; 'Bill Timm'; 'Peter Silvia')

Please consider this a correction notice and Stop Work notice for the La Vista Del Oceano grading project including the road extension and the SFR sites.

All grading other than erosion control work must stop as of the end of today (Friday, January 30th). Grading may continue after April 15th, 2009.

I met with Peter Silvia (Civil Engineer) on site yesterday to discuss the design of a revised erosion control plan (ECP). A plan will be required to be drawn up by the civil engineer of record and submitted to the Building & Safety counter for review and approval by Building & Safety. To expedite installation of elements of the revised ECP for upcoming rain events, elements of the ECP may be installed prior to approval of the ECP provided the measures are properly located and installed under direct supervision of the civil engineer. The civil engineer of record must approve the final installation and provide a letter to Building & Safety stating the ECP has been installed properly. The ECP must provide requirements for maintenance of the ECP during and after rain events.

The ECP must be submitted by Monday, February 9th and the ECP must be fully installed 10 days after approval. These timelines do not dismiss the responsibility of proper erosion/sedimentation control if a rain event occurs prior to installation of the revised ECP. This responsibility still lies with the property owner and the contractors.

Failure to control sediment may result in citation(s) from Building & Safety and/or the Creeks Division.

To underscore the importance of a proper ECP, when I arrived yesterday there was evidence of a small rivulet from an irrigation line that had broken at one of the homes on the upper portion of LVDO. The workers on site said the leak lasted only 5 minutes yet the sediment from this small amount of water filled up one of the gravel bag barriers at the lower portion of the site to about 50% of its capacity.

Larry Cassidy
Building Inspection/Plan Check Supervisor
Community Development Department
City of Santa Barbara
office 805-564-5588
cell 805-896-7447
lcassidy@SantaBarbaraCA.gov

1/30/2009	STOP	Insp - ADD'L EROSION CONTROL	Please consider this a correction notice and Stop Work notice for the La Vista Del Oceano grading project including the road extension and the SFR sites. All grading other than erosion control work must stop as of the end of today (Friday, January 30th). Grading may continue after April 15th, 2009. I met with Peter Silvia (Civil Engineer) on site yesterday to discuss the design of a revised erosion control plan (ECP). A plan will be required to be drawn up by the civil engineer of record and submitted to the Building & Safety counter for review and approval by Building & Safety. To expedite installation of elements of the revised ECP for upcoming rain events, elements of the ECP may be installed prior to approval of the ECP provided the measures are properly located and installed under direct supervision of the civil engineer. The civil engineer of record must approve the final installation and provide a letter to Building & Safety stating the ECP has been installed properly. The ECP must provide requirements for maintenance of the ECP during and after rain events. The ECP must be submitted by Monday, February 9th and the ECP must be fully installed 10 days after approval. These timelines do not dismiss the responsibility of proper erosion/sedimentation control if a rain event occurs prior to installation of the revised ECP. This responsibility still lies with the property owner and the contractors. Failure to control sediment may result in citation(s) from Building & Safety and/or the Creeks Division. To underscore the importance of a proper ECP, when I arrived yesterday there was evidence of a small rivulet from an irrigation line that had broken at one of the homes on the upper portion of LVDO. The workers on site said the leak lasted only 5 minutes yet the sediment from this small amount of water filled up one of the gravel bag barriers at the lower portion of the site to about 50% of its capacity. Larry Cassidy Building Inspection/Plan Check Supervisor Community Development Department City of Santa Barbara office 805-564-5588 cell 805-896-7447 lcassidy@SantaBarbaraCA.gov
			3
BLD2006-01752	1570	LA VISTA DEL OCEANO DR	

1/30/2009	STOP	Insp - ADD'L EROSION CONTROL	Please consider this a correction notice and Stop Work notice for the La Vista Del Oceano grading project including the road extension and the SFR sites. All grading other than erosion control work must stop as of the end of today (Friday, January 30th). Grading may continue after April 15th, 2009. I met with Peter Silvia (Civil Engineer) on site yesterday to discuss the design of a revised erosion control plan (ECP). A plan will be required to be drawn up by the civil engineer of record and submitted to the Building & Safety counter for review and approval by Building & Safety. To expedite installation of elements of the revised ECP for upcoming rain events, elements of the ECP may be installed prior to approval of the ECP provided the measures are properly located and installed under direct supervision of the civil engineer. The civil engineer of record must approve the final installation and provide a letter to Building & Safety stating the ECP has been installed properly. The ECP must provide requirements for maintenance of the ECP during and after rain events. The ECP must be submitted by Monday, February 9th and the ECP must be fully installed 10 days after approval. These timelines do not dismiss the responsibility of proper erosion/sedimentation control if a rain event occurs prior to installation of the revised ECP. This responsibility still lies with the property owner and the contractors. Failure to control sediment may result in citation(s) from Building & Safety and/or the Creeks Division. To underscore the importance of a proper ECP, when I arrived yesterday there was evidence of a small rivulet from an irrigation line that had broken at one of the homes on the upper portion of LVDO. The workers on site said the leak lasted only 5 minutes yet the sediment from this small amount of water filled up one of the gravel bag barriers at the lower portion of the site to about 50% of its capacity. Larry Cassidy Building Inspection/Plan Check Supervisor Community Development Department City of Santa Barbara office 805-564-5588 cell 805-896-7447 lcassidy@SantaBarbaraCA.gov
1/22/2009	CORR	Insp - ADD'L EROSION CONTROL	1)I met with Rich Foster Excavating Contractor and LC met with Bill Timm (GC)on stie to discuss failure of erosion control elements. Instructed Bill to have Civil Engineer of Record visit site and make additional reccomendations for coming rains predicted for next 5-7 days. Provide additional long-term plan for site erosion/sediment control given grading operations may be halted in 2 weeks.
1/22/2009	CORR	Insp - ADD'L EROSION CONTROL	1)I met with Rich Foster Excavating Contractor and LC met with Bill Timm (GC)on stie to discuss failure of erosion control elements. Instructed Bill to have Civil Engineer of Record visit site and make additional reccomendations for coming rains predicted for next 5-7 days. Provide additional long-term plan for site erosion/sediment control given grading operations may be halted in 2 weeks.
1/21/2009	CORR	Insp - ADD'L EROSION CONTROL	*Supervisor Larry Cassidy and myself contacted and/or met on site the following people regarding the erosion control that needs to be installed and maintained: *Ruben that runs the equipment crew and site workers 207-9605, *Pete Silva grading Engineer with Penfield and Smith 963-9532, *Supervisor/Project Manager Bill Timm 963-0358, *partime foreman Kevin 896-2498.

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BLD2006-01764 1562 LA VISTA DEL OCEANO DR

1/26/2009	DONE	Insp - ADD'L EROSION CONTROL	
10/14/2009	CORR	Insp - ADD'L EROSION CONTROL	*maintain erosion control

Permit #	Site Address		
2/9/2009	DONE	Insp - ADD'L EROSION CONTROL	
2/2/2009	DONE	Insp - ADD'L EROSION CONTROL	
1/22/2009	CORR	Insp - ADD'L EROSION CONTROL	
1/22/2009	CORR	Insp - ADD'L EROSION CONTROL	1)I met with Rich Foster Excavating Contractor and LC met with Bill Timm (GC)on stie to discuss failure of erosion control elements. Instructed Bill to have Civil Engineer of Record visit site and make additional reccomendations for coming rains predicted for next 5-7 days. Provide additional long-term plan for site erosion/sediment control given grading operations may be halted in 2 weeks.
1/21/2009	CORR	Insp - ADD'L EROSION CONTROL	*Supervisor Larry Cassidy and myself contacted and/or met on site the following people regarding the erosion control that needs to be installed and maintained: *Ruben that runs the equipment crew and site workers 207-9605, *Pete Silva grading Engineer with Penfield and Smith 963-9532, *Supervisor/Project Manager Bill Timm 963-0358, *partime foreman Kevin 896-2498.
1/22/2009	CORR	Insp - ADD'L EROSION CONTROL	
1/30/2009	STOP	Insp - ADD'L EROSION CONTROL	Please consider this a correction notice and Stop Work notice for the La Vista Del Oceano grading project including the road extension and the SFR sites. All grading other than erosion control work must stop as of the end of today (Friday, January 30th). Grading may continue after April 15th, 2009. I met with Peter Silvia (Civil Engineer) on site yesterday to discuss the design of a revised erosion control plan (ECP). A plan will be required to be drawn up by the civil engineer of record and submitted to the Building & Safety counter for review and approval by Building & Safety. To expedite installation of elements of the revised ECP for upcoming rain events, elements of the ECP may be installed prior to approval of the ECP provided the measures are properly located and installed under direct supervision of the civil engineer. The civil engineer of record must approve the final installation and provide a letter to Building & Safety stating the ECP has been installed properly. The ECP must provide requirements for maintenance of the ECP during and after rain events. The ECP must be submitted by Monday, February 9th and the ECP must be fully installed 10 days after approval. These timelines do not dismiss the responsibility of proper erosion/sedimentation control if a rain event occurs prior to installation of the revised ECP. This responsibility still lies with the property owner and the contractors. Failure to control sediment may result in citation(s) from Building & Safety and/or the Creeks Division. To underscore the importance of a proper ECP, when I arrived yesterday there was evidence of a small rivulet from an irrigation line that had broken at one of the homes on the upper portion of LVDO. The workers on site said the leak lasted only 5 minutes yet the sediment from this small amount of water filled up one of the gravel bag barriers at the lower portion of the site to about 50% of its capacity. Larry Cassidy Building Inspection/Plan Check Supervisor Community Development Department City of Santa Barbara office 805-564-5588 cell 805-896-7447 lcassidy@SantaBarbaraCA.gov
			9
BLD2006-01786	1564 LA VISTA DEL OCEANO DR		

Permit #	Site Address		
1/21/2009	CORR	Insp - ADD'L EROSION CONTROL	*Supervisor Larry Cassidy and myself contacted and/or met on site the following people regarding the erosion control that needs to be installed and maintained: *Ruben that runs the equipment crew and site workers 207-9605, *Pete Silva grading Engineer with Penfield and Smith 963-9532, *Supervisor/Project Manager Bill Timm 963-0358, *partime foreman Kevin 896-2498.
1/30/2009	STOP	Insp - ADD'L EROSION CONTROL	Please consider this a correction notice and Stop Work notice for the La Vista Del Oceano grading project including the road extension and the SFR sites. All grading other than erosion control work must stop as of the end of today (Friday, January 30th). Grading may continue after April 15th, 2009. I met with Peter Silvia (Civil Engineer) on site yesterday to discuss the design of a revised erosion control plan (ECP). A plan will be required to be drawn up by the civil engineer of record and submitted to the Building & Safety counter for review and approval by Building & Safety. To expedite installation of elements of the revised ECP for upcoming rain events, elements of the ECP may be installed prior to approval of the ECP provided the measures are properly located and installed under direct supervision of the civil engineer. The civil engineer of record must approve the final installation and provide a letter to Building & Safety stating the ECP has been installed properly. The ECP must provide requirements for maintenance of the ECP during and after rain events. The ECP must be submitted by Monday, February 9th and the ECP must be fully installed 10 days after approval. These timelines do not dismiss the responsibility of proper erosion/sedimentation control if a rain event occurs prior to installation of the revised ECP. This responsibility still lies with the property owner and the contractors. Failure to control sediment may result in citation(s) from Building & Safety and/or the Creeks Division. To underscore the importance of a proper ECP, when I arrived yesterday there was evidence of a small rivulet from an irrigation line that had broken at one of the homes on the upper portion of LVDO. The workers on site said the leak lasted only 5 minutes yet the sediment from this small amount of water filled up one of the gravel bag barriers at the lower portion of the site to about 50% of its capacity. Larry Cassidy Building Inspection/Plan Check Supervisor Community Development Department City of Santa Barbara office 805-564-5588 cell 805-896-7447 lcassidy@SantaBarbaraCA.gov
1/22/2009	DONE	Insp - ADD'L EROSION CONTROL	1)I met with Rich Foster Excavating Contractor and LC met with Bill Timm (GC)on stie to discuss failure of erosion control elements. Instructed Bill to have Civil Engineer of Record visit site and make additional reccomendations for coming rains predicted for next 5-7 days. Provide additional long-term plan for site erosion/sediment control given grading operations may be halted in 2 weeks.
			3
BLD2006-01897	1576 LA VISTA DEL OCEANO DR		

Permit #	Site Address			
	1/30/2009	STOP	Insp - ADD'L EROSION CONTROL	Please consider this a correction notice and Stop Work notice for the La Vista Del Oceano grading project including the road extension and the SFR sites. All grading other than erosion control work must stop as of the end of today (Friday, January 30th). Grading may continue after April 15th, 2009. I met with Peter Silvia (Civil Engineer) on site yesterday to discuss the design of a revised erosion control plan (ECP). A plan will be required to be drawn up by the civil engineer of record and submitted to the Building & Safety counter for review and approval by Building & Safety. To expedite installation of elements of the revised ECP for upcoming rain events, elements of the ECP may be installed prior to approval of the ECP provided the measures are properly located and installed under direct supervision of the civil engineer. The civil engineer of record must approve the final installation and provide a letter to Building & Safety stating the ECP has been installed properly. The ECP must provide requirements for maintenance of the ECP during and after rain events. The ECP must be submitted by Monday, February 9th and the ECP must be fully installed 10 days after approval. These timelines do not dismiss the responsibility of proper erosion/sedimentation control if a rain event occurs prior to installation of the revised ECP. This responsibility still lies with the property owner and the contractors. Failure to control sediment may result in citation(s) from Building & Safety and/or the Creeks Division. To underscore the importance of a proper ECP, when I arrived yesterday there was evidence of a small rivulet from an irrigation line that had broken at one of the homes on the upper portion of LVDO. The workers on site said the leak lasted only 5 minutes yet the sediment from this small amount of water filled up one of the gravel bag barriers at the lower portion of the site to about 50% of its capacity. Larry Cassidy Building Inspection/Plan Check Supervisor Community Development Department City of Santa Barbara office 805-564-5588 cell 805-896-7447 lcassidy@SantaBarbaraCA.gov
				1
BLD2006-02064	1905 CLIFF DR			
	3/11/2009	DONE	Insp - FINAL EROSION CONTROL	
	1/21/2009	DONE	Insp - ADD'L EROSION CONTROL	
	2/12/2009	DONE	Insp - ADD'L EROSION CONTROL	
	2/10/2009	DONE	Insp - ADD'L EROSION CONTROL	
	2/5/2009	DONE	Insp - ADD'L EROSION CONTROL	
	2/9/2009	DONE	Insp - ADD'L EROSION CONTROL	
	5/5/2009	DONE	Insp - FINAL EROSION CONTROL	
				7
BLD2006-02207	223 VIA SEVILLA			
	1/6/2009	DONE	Insp - FINAL EROSION CONTROL	
				1
BLD2006-02273	1575 LA VISTA DEL OCEANO DR			
	1/21/2009	CORR	Insp - ADD'L EROSION CONTROL	*Supervisor Larry Cassidy and myself contacted and/or met on site the following people regarding the erosion control that needs to be installed and maintained: *Ruben that runs the equipment crew and site workers 207-9605, *Pete Silva grading Engineer with Penfield and Smith 963-9532, *Supervisor/Project Manager Bill Timm 963-0358, *partime foreman Kevin 896-2498.

Permit #	Site Address			
	1/30/2009	STOP	Insp - ADD'L EROSION CONTROL	Please consider this a correction notice and Stop Work notice for the La Vista Del Oceano grading project including the road extension and the SFR sites. All grading other than erosion control work must stop as of the end of today (Friday, January 30th). Grading may continue after April 15th, 2009. I met with Peter Silvia (Civil Engineer) on site yesterday to discuss the design of a revised erosion control plan (ECP). A plan will be required to be drawn up by the civil engineer of record and submitted to the Building & Safety counter for review and approval by Building & Safety. To expedite installation of elements of the revised ECP for upcoming rain events, elements of the ECP may be installed prior to approval of the ECP provided the measures are properly located and installed under direct supervision of the civil engineer. The civil engineer of record must approve the final installation and provide a letter to Building & Safety stating the ECP has been installed properly. The ECP must provide requirements for maintenance of the ECP during and after rain events. The ECP must be submitted by Monday, February 9th and the ECP must be fully installed 10 days after approval. These timelines do not dismiss the responsibility of proper erosion/sedimentation control if a rain event occurs prior to installation of the revised ECP. This responsibility still lies with the property owner and the contractors. Failure to control sediment may result in citation(s) from Building & Safety and/or the Creeks Division. To underscore the importance of a proper ECP, when I arrived yesterday there was evidence of a small rivulet from an irrigation line that had broken at one of the homes on the upper portion of LVDO. The workers on site said the leak lasted only 5 minutes yet the sediment from this small amount of water filled up one of the gravel bag barriers at the lower portion of the site to about 50% of its capacity. Larry Cassidy Building Inspection/Plan Check Supervisor Community Development Department City of Santa Barbara office 805-564-5588 cell 805-896-7447 lcassidy@SantaBarbaraCA.gov
	1/22/2009	CORR	Insp - ADD'L EROSION CONTROL	1)I met with Rich Foster Excavating Contractor and LC met with Bill Timm (GC)on stie to discuss failure of erosion control elements. Instructed Bill to have Civil Engineer of Record visit site and make additional reccomendations for coming rains predicted for next 5-7 days. Provide additional long-term plan for site erosion/sediment control given grading operations may be halted in 2 weeks.
				3
BLD2006-02298	1900 LASUEN RD			
	10/28/2009	DONE	Insp - ADD'L EROSION CONTROL	1:30 pm Repairs to erosion control have been made.
	10/7/2009	CORR	Insp - ADD'L EROSION CONTROL	This is the main permit for all work taking place. Any inspections made under this permit for erosion control etc. will be considered as inspections made for all open permits on this property for purposes of work being considered as on going. BG
				2
BLD2007-00046	1347 SANTA ROSA AVE			
	9/24/2009	DONE	Insp - FINAL EROSION CONTROL	
				1
BLD2007-00187	405 FELLOWSHIP RD			
	4/8/2009	DONE	Insp - ADD'L EROSION CONTROL	
	3/16/2009	DONE	Insp - ADD'L EROSION CONTROL	
	3/26/2009	DONE	Insp - ADD'L EROSION CONTROL	
	3/5/2009	DONE	Insp - ADD'L EROSION CONTROL	

Permit #	Site Address			
				4
BLD2007-00218	1515 CLIFF DR			
7/29/2009	CORR	Insp - FINAL EROSION CONTROL	1)see final inspection today	
6/2/2009	DONE	Insp - ADD'L EROSION CONTROL		
4/21/2009	DONE	Insp - INITIAL EROSION CONTRO		
8/20/2009	DONE	Insp - FINAL EROSION CONTROL		
				4
BLD2007-00247	416 S CANADA ST			
2/5/2009	DONE	Insp - ADD'L EROSION CONTROL	Erosion control measures in place.	
				1
BLD2007-00261	2553 MESA SCHOOL LN			
1/12/2009	DONE	Insp - ADD'L EROSION CONTROL		
2/4/2009	CORR	Insp - FINAL EROSION CONTROL	1)install all erosion control and landscaping	
3/11/2009	DONE	Insp - FINAL EROSION CONTROL		
1/21/2009	DONE	Insp - ADD'L EROSION CONTROL		
3/2/2009	DONE	Insp - FINAL EROSION CONTROL		
				5
BLD2007-00307	6 ST ANN DR			
4/28/2009	DONE	Insp - ADD'L EROSION CONTROL		
				1
BLD2007-00362	403 ALAMEDA PADRE SERRA			
1/22/2009	DONE	Insp - ADD'L EROSION CONTROL		
				1
BLD2007-00399	1527 LIVE OAK LN			
3/25/2009	DONE	Insp - FINAL EROSION CONTROL		
				1
BLD2007-00468	3501 SEA LEDGE LN			
10/6/2009	DONE	Insp - ADD'L EROSION CONTROL		
				1
BLD2007-00811	1303 FERRELO RD - LOT 28			
10/7/2009	DONE	Insp - INITIAL EROSION CONTRO	448-2200 Needs a phone call first for discussion of other erosion control inspection	
10/6/2009	DONE	Insp - INITIAL EROSION CONTRO	448-2200 Kevin Goodwin Erosion control is in place.	
				2
BLD2007-00843	1905 CLIFF DR			
2/12/2009	DONE	Insp - ADD'L EROSION CONTROL		
1/21/2009	DONE	Insp - ADD'L EROSION CONTROL		
2/9/2009	DONE	Insp - ADD'L EROSION CONTROL		
2/10/2009	DONE	Insp - ADD'L EROSION CONTROL		
2/5/2009	DONE	Insp - ADD'L EROSION CONTROL		
3/11/2009	DONE	Insp - FINAL EROSION CONTROL		
5/5/2009	DONE	Insp - FINAL EROSION CONTROL		
				7
BLD2007-00866	1900 LASUEN RD			
1/20/2009	PASS	Insp - INITIAL EROSION CONTRO		
				1
BLD2007-00868	1900 LASUEN RD			
1/22/2009	DONE	Insp - ADD'L EROSION CONTROL	323-203-7579 Minh Phon	
				1
BLD2007-01004	12 E MONTECITO ST			
2/9/2009	DONE	Insp - ADD'L EROSION CONTROL	in compliance	
				1
BLD2007-01043	1728 VILLA AVE			
10/27/2009	DONE	Insp - ADD'L EROSION CONTROL		
				1
BLD2007-01082	2215 ELISE WAY			
1/29/2009	DONE	Insp - FINAL EROSION CONTROL		
				1
BLD2007-01539	819 N SALSIPUEDES ST			

Permit #	Site Address			
	1/21/2009	CORR	Insp - INITIAL EROSION CONTRO	1) no erosion control in place 2) provide erosion control per plan 3) 24 hrs to comply
				left correction notice and spoke to contractor on phone.
	2/9/2009	DONE	Insp - ADD'L EROSION CONTROL	after rains, sidewalk is clean
				2
BLD2007-01542	320 MESA LN			
	10/20/2009	DONE	Insp - FINAL EROSION CONTROL	
				1
BLD2007-01655	1250 BEL AIR DR			
	6/10/2009	DONE	Insp - FINAL EROSION CONTROL	
				1
BLD2007-01680	1341 SKYLINE WAY			
	1/29/2009	DONE	Insp - ADD'L EROSION CONTROL	
	3/9/2009	DONE	Insp - FINAL EROSION CONTROL	
	3/10/2009	DONE	Insp - FINAL EROSION CONTROL	
	1/15/2009	DONE	Insp - ADD'L EROSION CONTROL	
	1/21/2009	DONE	Insp - ADD'L EROSION CONTROL	
	2/2/2009	DONE	Insp - ADD'L EROSION CONTROL	
				6
BLD2007-01771	121 VISTA DEL MAR DR			
	1/28/2009	DONE	Insp - FINAL EROSION CONTROL	
	1/29/2009	DONE	Insp - FINAL EROSION CONTROL	
				2
BLD2007-01831	1936 EL CAMINO DE LA LUZ			
	5/5/2009	DONE	Insp - ADD'L EROSION CONTROL	
	5/13/2009	DONE	Insp - ADD'L EROSION CONTROL	
	4/29/2009	DONE	Insp - ADD'L EROSION CONTROL	
				3
BLD2007-01867	1209 MANITOU RD			
	8/10/2009	DONE	Insp - INITIAL EROSION CONTRO	
	8/5/2009	DONE	Insp - INITIAL EROSION CONTRO	
				2
BLD2007-01889	1743 ROBBINS ST			
	1/12/2009	DONE	Insp - FINAL EROSION CONTROL	
				1
BLD2007-01890	116 E YANONALI ST			
	2/9/2009	DONE	Insp - ADD'L EROSION CONTROL	street is clean after rains
				1
BLD2007-01955	680 MIRAMONTE DR			
	11/24/2009	DONE	Insp - ADD'L EROSION CONTROL	
				1
BLD2007-02086	3214 CAMPANIL DR			
	1/28/2009	DONE	Insp - ADD'L EROSION CONTROL	
				1
BLD2007-02145	1570 LA VISTA DEL OCEANO DR			
	1/21/2009	CORR	Insp - ADD'L EROSION CONTROL	*Supervisor Larry Cassidy and myself contacted and/or met on site the following people regarding the erosion control that needs to be installed and maintained: *Ruben that runs the equipment crew and site workers 207-9605, *Pete Silva grading Engineer with Penfield and Smith 963-9532, *Supervisor/Project Manager Bill Timm 963-0358, *partime foreman Kevin 896-2498.

Permit #	Site Address			
	1/30/2009	STOP	Insp - ADD'L EROSION CONTROL	Please consider this a correction notice and Stop Work notice for the La Vista Del Oceano grading project including the road extension and the SFR sites. All grading other than erosion control work must stop as of the end of today (Friday, January 30th). Grading may continue after April 15th, 2009. I met with Peter Silvia (Civil Engineer) on site yesterday to discuss the design of a revised erosion control plan (ECP). A plan will be required to be drawn up by the civil engineer of record and submitted to the Building & Safety counter for review and approval by Building & Safety. To expedite installation of elements of the revised ECP for upcoming rain events, elements of the ECP may be installed prior to approval of the ECP provided the measures are properly located and installed under direct supervision of the civil engineer. The civil engineer of record must approve the final installation and provide a letter to Building & Safety stating the ECP has been installed properly. The ECP must provide requirements for maintenance of the ECP during and after rain events. The ECP must be submitted by Monday, February 9th and the ECP must be fully installed 10 days after approval. These timelines do not dismiss the responsibility of proper erosion/sedimentation control if a rain event occurs prior to installation of the revised ECP. This responsibility still lies with the property owner and the contractors. Failure to control sediment may result in citation(s) from Building & Safety and/or the Creeks Division. To underscore the importance of a proper ECP, when I arrived yesterday there was evidence of a small rivulet from an irrigation line that had broken at one of the homes on the upper portion of LVDO. The workers on site said the leak lasted only 5 minutes yet the sediment from this small amount of water filled up one of the gravel bag barriers at the lower portion of the site to about 50% of its capacity. Larry Cassidy Building Inspection/Plan Check Supervisor Community Development Department City of Santa Barbara office 805-564-5588 cell 805-896-7447 lcassidy@SantaBarbaraCA.gov
				2
BLD2007-02169	625 FLORA VISTA DR			
	1/8/2009	DONE	Insp - FINAL EROSION CONTROL	
	3/19/2009	DONE	Insp - FINAL EROSION CONTROL	
				2
BLD2007-02171	1811 EL ENCANTO RD			
	1/21/2009	DONE	Insp - ADD'L EROSION CONTROL	
				1
BLD2007-02206	1575 LA VISTA DEL OCEANO DR			
	1/21/2009	CORR	Insp - INITIAL EROSION CONTRO	*Supervisor Larry Cassidy and myself contacted and/or met on site the following people regarding the erosion control that needs to be installed and maintained: *Ruben that runs the equipment crew and site workers 207-9605, *Pete Silva grading Engineer with Penfield and Smith 963-9532, *Supervisor/Project Manager Bill Timm 963-0358, *partime foreman Kevin 896-2498.

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			2
BLD2007-02313	1232 CHINO ST		
7/30/2009	DONE	Insp - ADD'L EROSION CONTROL	
12/15/2009	DONE	Insp - ADD'L EROSION CONTROL	
			2
BLD2007-02364	1568 LA VISTA DEL OCEANO DR		
1/21/2009	CORR	Insp - INITIAL EROSION CONTRO	*Supervisor Larry Cassidy and myself contacted and/or met on site the following people regarding the erosion control that needs to be installed and maintained: *Ruben that runs the equipment crew and site workers 207-9605, *Pete Silva grading Engineer with Penfield and Smith 963-9532, *Supervisor/Project Manager Bill Timm 963-0358, *partime foreman Kevin 896-2498.
			1
BLD2007-02505	1566 W VALERIO ST		
1/27/2009	DONE	Insp - ADD'L EROSION CONTROL	
8/5/2009	DONE	Insp - FINAL EROSION CONTROL	
			2
BLD2007-02517	1512 PORTESUELLO AVE		
10/20/2009	DONE	Insp - ADD'L EROSION CONTROL	
10/29/2009	DONE	Insp - FINAL EROSION CONTROL	
			2
BLD2007-02632	6 ST ANN DR		
4/28/2009	DONE	Insp - ADD'L EROSION CONTROL	

Permit #	Site Address			
				1
BLD2007-02692	1306 CLIFF DR			
1/22/2009	CORR	Insp - INITIAL EROSION CONTRO	protect trench in gutter with sandbags	
				1
BLD2007-02744	1394 SHORELINE DR			
3/19/2009	DONE	Insp - ADD'L EROSION CONTROL		
10/1/2009	DONE	Insp - FINAL EROSION CONTROL	*rcvd Landscape final letter from the Architect	
4/21/2009	DONE	Insp - ADD'L EROSION CONTROL		
4/28/2009	DONE	Insp - ADD'L EROSION CONTROL		
				4
BLD2007-02812	560 ARROYO AVE			
8/18/2009	DONE	Insp - INITIAL EROSION CONTRO		
				1
BLD2007-02825	2522 CALLE GALICIA			
4/22/2009	CORR	Insp - ADD'L EROSION CONTROL	1)install BMP's	
				1
BLD2007-02887	1588 LA CORONILLA DR			
10/14/2009	DONE	Insp - ADD'L EROSION CONTROL		
6/2/2009	DONE	Insp - INITIAL EROSION CONTRO		
6/10/2009	DONE	Insp - ADD'L EROSION CONTROL		
				3
BLD2007-02916	1724 VILLA AVE			
2/4/2009	DONE	Insp - ADD'L EROSION CONTROL		
				1
BLD2007-02920	49 VIA ALICIA			
1/21/2009	DONE	Insp - ADD'L EROSION CONTROL		
				1
BLD2007-02931	1811 EL ENCANTO RD			
1/21/2009	DONE	Insp - ADD'L EROSION CONTROL		
				1
BLD2008-00061	1266 SAN MIGUEL AVE			
1/14/2009	CNCL	Insp - FINAL EROSION CONTROL		
				1
BLD2008-00110	1650 MIRA MESA DR			
1/21/2009	DONE	Insp - ADD'L EROSION CONTROL		
2/17/2009	DONE	Insp - ADD'L EROSION CONTROL		
				2
BLD2008-00155	1346 MANITOU RD			
1/26/2009	DONE	Insp - FINAL EROSION CONTROL		
				1
BLD2008-00191	255 SAN RAFAEL AVE			
2/5/2009	DONE	Insp - ADD'L EROSION CONTROL		
1/16/2009	DONE	Insp - ADD'L EROSION CONTROL		
2/12/2009	DONE	Insp - ADD'L EROSION CONTROL		
				3
BLD2008-00258	730 COOK AVE			
1/27/2009	DONE	Insp - ADD'L EROSION CONTROL		
2/9/2009	DONE	Insp - ADD'L EROSION CONTROL		
				2
BLD2008-00318	819 N SALSIPUEDES ST			
9/14/2009	TELE	Insp - ADD'L EROSION CONTROL	called contractor regarding erosion control	
2/9/2009	DONE	Insp - ADD'L EROSION CONTROL	after rains, sidewalks are clean	
12/8/2009	DONE	Insp - ADD'L EROSION CONTROL	site in good shape.	
9/21/2009	TELE	Insp - ADD'L EROSION CONTROL	called contractor again regarding erosion control	
				4
BLD2008-00338	105 SAN CLEMENTE			
10/6/2009	DONE	Insp - ADD'L EROSION CONTROL		
				1
BLD2008-00500	1442 SAN MIGUEL AVE			
9/24/2009	DONE	Insp - ADD'L EROSION CONTROL		
1/27/2009	DONE	Insp - ADD'L EROSION CONTROL		
5/19/2009	DONE	Insp - ADD'L EROSION CONTROL		
10/14/2009	DONE	Insp - ADD'L EROSION CONTROL		

Permit #	Site Address			
	1/16/2009	DONE	Insp - ADD'L EROSION CONTROL	
	6/10/2009	DONE	Insp - ADD'L EROSION CONTROL	
				6
BLD2008-00511	2526 MESA SCHOOL LN			
	2/2/2009	DONE	Insp - FINAL EROSION CONTROL	
				1
BLD2008-00566	130 SANTA ROSA PL			
	4/23/2009	CORR	Insp - INITIAL EROSION CONTRO	cover loose piles of soil and secure edges
				1
BLD2008-00671	2840 VERDE VISTA DR			
	2/2/2009	DONE	Insp - INITIAL EROSION CONTRO	
				1
BLD2008-00725	204 LA MARINA DR			
	2/19/2009	DONE	Insp - ADD'L EROSION CONTROL	
	3/19/2009	DONE	Insp - ADD'L EROSION CONTROL	
	3/25/2009	DONE	Insp - ADD'L EROSION CONTROL	
	1/21/2009	CORR	Insp - ADD'L EROSION CONTROL	cover pile of dirt with tarp
	2/2/2009	DONE	Insp - ADD'L EROSION CONTROL	tarp has been provided
	1/29/2009	CORR	Insp - ADD'L EROSION CONTROL	2nd warning: Cover pile of soil with tarp
				6
BLD2008-00735	1600 SHORELINE DR			
	8/13/2009	DONE	Insp - ADD'L EROSION CONTROL	
	3/12/2009	DONE	Insp - INITIAL EROSION CONTRO	
	11/2/2009	CORR	Insp - ADD'L EROSION CONTROL	1)install final landscaping/erosion control
	10/20/2009	DONE	Insp - ADD'L EROSION CONTROL	
	7/6/2009	DONE	Insp - ADD'L EROSION CONTROL	
	10/12/2009	DONE	Insp - ADD'L EROSION CONTROL	was driving by and stopped to remind contractor that he needed erosion control
	3/5/2009	DONE	Insp - INITIAL EROSION CONTRO	
				7
BLD2008-00801	1428 SANTA FE PL (NEW)			
	1/22/2009	DONE	Insp - ADD'L EROSION CONTROL	
				1
BLD2008-00802	1432 SANTA FE PL (NEW)			
	1/22/2009	DONE	Insp - ADD'L EROSION CONTROL	
				1
BLD2008-00803	1436 SANTA FE PL (NEW)			
	1/22/2009	DONE	Insp - ADD'L EROSION CONTROL	
				1
BLD2008-00805	1440 SANTA FE PL (NEW)			
	1/22/2009	DONE	Insp - ADD'L EROSION CONTROL	
				1
BLD2008-00806	1444 SANTA FE PL (NEW)			
	1/22/2009	DONE	Insp - ADD'L EROSION CONTROL	
				1
BLD2008-00822	1448 SANTA FE PL (NEW)			
	1/22/2009	DONE	Insp - ADD'L EROSION CONTROL	
				1
BLD2008-00845	526 W ANAPAMU ST UNIT A			
	10/20/2009	DONE	Insp - ADD'L EROSION CONTROL	
				1
BLD2008-00960	105 SAN CLEMENTE			
	11/3/2009	DONE	Insp - ADD'L EROSION CONTROL	
	1/12/2009	DONE	Insp - ADD'L EROSION CONTROL	
				2
BLD2008-00989	2420 CALLE SORIA			
	2/9/2009	DONE	Insp - ADD'L EROSION CONTROL	
				1
BLD2008-01073	1220 CRESTLINE DR			
	2/9/2009	DONE	Insp - ADD'L EROSION CONTROL	
				1
BLD2008-01086	1110 DEL SOL AVE			
	3/2/2009	CORR	Insp - FINAL EROSION CONTROL	1)install erosion control/landscaping

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				1
BLD2008-01120	112 ONTARE HILLS			
2/5/2009	DONE	Insp - ADD'L EROSION CONTROL		
				1
BLD2008-01122	1412 CLEARVIEW RD			
7/15/2009	DONE	Insp - FINAL EROSION CONTROL		
				1
BLD2008-01194	2114 RED ROSE WAY			
1/20/2009	DONE	Insp - ADD'L EROSION CONTROL		
3/10/2009	DONE	Insp - ADD'L EROSION CONTROL		
8/13/2009	DONE	Insp - FINAL EROSION CONTROL		
1/13/2009	DONE	Insp - INITIAL EROSION CONTRO		
2/19/2009	DONE	Insp - ADD'L EROSION CONTROL		
3/25/2009	DONE	Insp - ADD'L EROSION CONTROL		
				6
BLD2008-01259	116 VIA DEL CIELO			
2/19/2009	DONE	Insp - ADD'L EROSION CONTROL		
3/10/2009	DONE	Insp - ADD'L EROSION CONTROL		
				2
BLD2008-01263	940 FELLOWSHIP LN			
9/16/2009	DONE	Insp - FINAL EROSION CONTROL		
7/20/2009	DONE	Insp - INITIAL EROSION CONTRO		
7/30/2009	DONE	Insp - ADD'L EROSION CONTROL		
				3
BLD2008-01340	1900 LASUEN RD			
1/20/2009	DONE	Insp - ADD'L EROSION CONTROL	Erosion control in place.	
				1
BLD2008-01390	234 LA PLATA			
11/11/2009	DONE	Insp - ADD'L EROSION CONTROL		
				1
BLD2008-01474	306 EL MONTE DR			
1/12/2009	DONE	Insp - ADD'L EROSION CONTROL		
6/4/2009	DONE	Insp - ADD'L EROSION CONTROL		
				2
BLD2008-01484	731 E ANAPAMU ST			
3/10/2009	WARN	Insp - INITIAL EROSION CONTRO	Site is in good shape and owner has experience in erosion control. Warned owner to maintain erosion control in light of the fact that site is small and will be difficult manage through foundation stage.	
				1
BLD2008-01492	2136 MONTEREY ST			
11/3/2009	DONE	Insp - FINAL EROSION CONTROL		
				1
BLD2008-01524	714 W PEDREGOSA ST			
1/16/2009	DONE	Insp - ADD'L EROSION CONTROL		
1/20/2009	DONE	Insp - ADD'L EROSION CONTROL		
				2
BLD2008-01530	2101 EDGEWATER WAY			
1/13/2009	DONE	Insp - FINAL EROSION CONTROL		
1/26/2009	DONE	Insp - FINAL EROSION CONTROL		
				2
BLD2008-01601	1171 CRESTLINE DR			
2/10/2009	DONE	Insp - ADD'L EROSION CONTROL		
2/11/2009	DONE	Insp - FINAL EROSION CONTROL		
				2
BLD2008-01685	2415 STANWOOD DR			
2/5/2009	DONE	Insp - ADD'L EROSION CONTROL	Erosion control measures in place.	
				1
BLD2008-01703	3087 CALLE ROSALES			
2/5/2009	DONE	Insp - INITIAL EROSION CONTRO		
				1
BLD2008-01707	1141 HARBOR HILLS DR			
10/28/2009	DONE	Insp - ADD'L EROSION CONTROL		
11/19/2009	DONE	Insp - ADD'L EROSION CONTROL		

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	12/15/2009	DONE	Insp - ADD'L EROSION CONTROL	
	3/2/2009	DONE	Insp - ADD'L EROSION CONTROL	*maintain erosion control
				4
BLD2008-01708	1822 SUNSET AVE			
	1/13/2009	DONE	Insp - ADD'L EROSION CONTROL	
				1
BLD2008-01711	117 N SALINAS ST			
	3/2/2009	DONE	Insp - ADD'L EROSION CONTROL	Erosion control measures are in place.
				1
BLD2008-01716	330 PALISADES DR			
	1/7/2009	DONE	Insp - FINAL EROSION CONTROL	
				1
BLD2008-01751	1227 CRESTLINE DR			
	6/1/2009	DONE	Insp - ADD'L EROSION CONTROL	
	3/26/2009	DONE	Insp - ADD'L EROSION CONTROL	
	4/29/2009	DONE	Insp - ADD'L EROSION CONTROL	
	11/2/2009	DONE	Insp - FINAL EROSION CONTROL	
				4
BLD2008-01753	1227 CRESTLINE DR			
	11/2/2009	DONE	Insp - FINAL EROSION CONTROL	
				1
BLD2008-01755	930 MIRAMONTE DR			
	5/5/2009	DONE	Insp - ADD'L EROSION CONTROL	
				1
BLD2008-01761	3341 CAMPANIL DR			
	1/15/2009	DONE	Insp - ADD'L EROSION CONTROL	
	1/12/2009	DONE	Insp - ADD'L EROSION CONTROL	
	3/4/2009	DONE	Insp - INITIAL EROSION CONTRO	
				3
BLD2008-01766	360 MESA LN			
	1/8/2009	DONE	Insp - ADD'L EROSION CONTROL	
	3/9/2009	DONE	Insp - FINAL EROSION CONTROL	
	3/9/2009	DONE	Insp - FINAL EROSION CONTROL	
				3
BLD2008-01778	215 BALBOA DR			
	3/26/2009	DONE	Insp - ADD'L EROSION CONTROL	
	2/27/2009	DONE	Insp - ADD'L EROSION CONTROL	
	4/8/2009	DONE	Insp - ADD'L EROSION CONTROL	
	1/15/2009	DONE	Insp - INITIAL EROSION CONTRO	
	1/20/2009	DONE	Insp - ADD'L EROSION CONTROL	
	1/22/2009	DONE	Insp - ADD'L EROSION CONTROL	
	2/17/2009	DONE	Insp - ADD'L EROSION CONTROL	
	1/27/2009	DONE	Insp - ADD'L EROSION CONTROL	
				8
BLD2008-01784	3650 FOOTHILL RD			
	2/5/2009	DONE	Insp - FINAL EROSION CONTROL	
				1
BLD2008-01819	258 SANTA CATALINA			
	3/10/2009	DONE	Insp - ADD'L EROSION CONTROL	
				1
BLD2008-01887	930 MIRAMONTE DR			
	10/13/2009	DONE	Insp - ADD'L EROSION CONTROL	
	10/28/2009	DONE	Insp - ADD'L EROSION CONTROL	
				2
BLD2008-01921	55 SANTA TERESITA WAY			
	1/21/2009	DONE	Insp - INITIAL EROSION CONTRO	
				1
BLD2008-01923	828 SPRING ST			
	2/13/2009	DONE	Insp - ADD'L EROSION CONTROL	Erosion control measures in place.
				1
BLD2008-01933	2522 CALLE GALICIA			
	9/29/2009	DONE	Insp - FINAL EROSION CONTROL	
	5/19/2009	DONE	Insp - ADD'L EROSION CONTROL	

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	4/29/2009	DONE	Insp - INITIAL EROSION CONTRO	
	5/13/2009	DONE	Insp - INITIAL EROSION CONTRO	
				4
BLD2008-01963	1115 CLIFF DR			
	7/7/2009	DONE	Insp - ADD'L EROSION CONTROL	
				1
BLD2008-01966	2545 MEDCLIFF RD			
	2/2/2009	DONE	Insp - ADD'L EROSION CONTROL	
	4/21/2009	DONE	Insp - ADD'L EROSION CONTROL	
				2
BLD2008-01967	1407 CLIFF DR			
	3/10/2009	DONE	Insp - ADD'L EROSION CONTROL	
				1
BLD2008-01979	1215 MIRAMONTE DR			
	11/4/2009	DONE	Insp - FINAL EROSION CONTROL	
	4/21/2009	DONE	Insp - INITIAL EROSION CONTRO	
	7/2/2009	DONE	Insp - ADD'L EROSION CONTROL	
				3
BLD2008-01986	1793 CALLE PONIENTE			
	3/17/2009	DONE	Insp - FINAL EROSION CONTROL	
				1
BLD2008-02092	724 LAS CANOAS PL			
	1/22/2009	DONE	Insp - INITIAL EROSION CONTRO	
				1
BLD2008-02100	1645 MIRA MESA DR			
	11/3/2009	DONE	Insp - ADD'L EROSION CONTROL	
				1
BLD2008-02146	1724 LA CORONILLA DR			
	5/5/2009	DONE	Insp - INITIAL EROSION CONTRO	
	3/2/2009	DONE	Insp - INITIAL EROSION CONTRO	
	4/29/2009	DONE	Insp - ADD'L EROSION CONTROL	
				3
BLD2008-02149	1466 LA CIMA RD			
	1/28/2009	DONE	Insp - INITIAL EROSION CONTRO	
				1
BLD2008-02217	853 CALLE CORTITA			
	9/29/2009	DONE	Insp - ADD'L EROSION CONTROL	
	9/22/2009	CORR	Insp - INITIAL EROSION CONTRO	1)install erosion control/bmp's
				2
BLD2008-02239	1650 MIRA MESA DR			
	1/21/2009	DONE	Insp - FINAL EROSION CONTROL	
				1
BLD2008-02263	3223 VISTA ARROYO			
	4/21/2009	DONE	Insp - ADD'L EROSION CONTROL	
	4/28/2009	DONE	Insp - ADD'L EROSION CONTROL	
	5/13/2009	DONE	Insp - ADD'L EROSION CONTROL	
	6/16/2009	DONE	Insp - ADD'L EROSION CONTROL	
	7/1/2009	DONE	Insp - FINAL EROSION CONTROL	
				5
BLD2008-02277	1405 SANTA ROSA AVE			
	2/25/2009	DONE	Insp - INITIAL EROSION CONTRO	
	3/19/2009	DONE	Insp - INITIAL EROSION CONTRO	
	10/6/2009	DONE	Insp - ADD'L EROSION CONTROL	
				3
BLD2008-02279	2465 CALLE ALMONTE			
	2/26/2009	DONE	Insp - INITIAL EROSION CONTRO	
	3/17/2009	DONE	Insp - ADD'L EROSION CONTROL	
	6/11/2009	CORR	Insp - ADD'L EROSION CONTROL	1)install landscaping and erosion control.
				3
BLD2008-02295	1420 ALAMEDA PADRE SERRA			
	10/13/2009	DONE	Insp - INITIAL EROSION CONTRO	
				1
BLD2008-02340	1171 CRESTLINE DR			

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	2/11/2009	DONE	Insp - FINAL EROSION CONTROL		
				1	
BLD2008-02376	1501 MANITOU RD				
	1/15/2009	DONE	Insp - FINAL EROSION CONTROL		
				1	
BLD2008-02429	54 VISTA DEL MAR DR				
	3/12/2009	DONE	Insp - FINAL EROSION CONTROL		
				1	
BLD2008-02448	602 W DE LA GUERRA ST				
	1/8/2009	DONE	Insp - FINAL EROSION CONTROL		
				1	
BLD2008-02527	225 LA JOLLA DR				
	5/13/2009	DONE	Insp - ADD'L EROSION CONTROL		
	4/9/2009	DONE	Insp - FINAL EROSION CONTROL		
				2	
BLD2008-02535	649 ISLAND VIEW DR				
	6/16/2009	DONE	Insp - ADD'L EROSION CONTROL		
	7/30/2009	DONE	Insp - ADD'L EROSION CONTROL		
				2	
BLD2008-02538	2447 CALLE LINARES				
	3/26/2009	DONE	Insp - ADD'L EROSION CONTROL		
				1	
BLD2008-02554	1560 LA VISTA DEL OCEANO DR				
	1/21/2009	CORR	Insp - INITIAL EROSION CONTRO	*Supervisor Larry Cassidy and myself contacted and/or met on site the following people regarding the erosion control that needs to be installed and maintained: *Ruben that runs the equipment crew and site workers 207-9605, *Pete Silva grading Engineer with Penfield and Smith 963-9532, *Supervisor/Project Manager Bill Timm 963-0358, *partime foreman Kevin 896-2498.	
	7/20/2009	DONE	Insp - INITIAL EROSION CONTRO		
	8/10/2009	DONE	Insp - ADD'L EROSION CONTROL		
				3	
BLD2008-02558	1602 SANTA ROSA AVE				
	6/1/2009	DONE	Insp - INITIAL EROSION CONTRO		
				1	
BLD2008-02616	456 CONEJO RD				
	2/2/2009	DONE	Insp - FINAL EROSION CONTROL		
				1	
BLD2008-02626	2220 MOUNT CALVARY RD				
	1/22/2009	DONE	Insp - FINAL EROSION CONTROL	207-4546 Erosion control in place permit to be left open for temp power.	
	1/20/2009	CORR	Insp - FINAL EROSION CONTROL	207-4546 (805) Silt fencing to be dug in min. 2" along bottom.	
	1/13/2009	CORR	Insp - FINAL EROSION CONTROL	Rich 207-4546 plans & permits to be on site for inspection.	
				3	
BLD2008-02632	331 SHERMAN RD				
	2/13/2009	DONE	Insp - FINAL EROSION CONTROL		
				1	
BLD2008-02634	311 SHERMAN RD				
	2/5/2009	DONE	Insp - FINAL EROSION CONTROL		
				1	
BLD2008-02636	2114 MOUNT CALVARY RD				
	2/10/2009	DONE	Insp - FINAL EROSION CONTROL		
				1	
BLD2008-02637	646 LAS ALTURAS RD				
	2/3/2009	DONE	Insp - FINAL EROSION CONTROL		
				1	
BLD2008-02639	1985 STANWOOD DR				
	2/5/2009	DONE	Insp - FINAL EROSION CONTROL		
				1	
BLD2008-02643	545 CONEJO RD				

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	2/2/2009	CORR	Insp - INITIAL EROSION CONTRO	Erosion control no installed.	
					1
BLD2008-02645	444 CONEJO RD				
	2/2/2009	DONE	Insp - FINAL EROSION CONTROL		
					1
BLD2008-02648	595 SYCAMORE VISTA RD				
	6/17/2009	DONE	Insp - ADD'L EROSION CONTROL	Erosion control in place.	
					1
BLD2008-02649	330 SHERMAN RD				
	2/5/2009	DONE	Insp - FINAL EROSION CONTROL		
					1
BLD2008-02650	352 CONEJO RD				
	2/2/2009	DONE	Insp - FINAL EROSION CONTROL		
					1
BLD2008-02655	306 SHERMAN RD				
	2/5/2009	DONE	Insp - FINAL EROSION CONTROL		
					1
BLD2008-02656	327 CONEJO RD				
	2/2/2009	CORT	Insp - INITIAL EROSION CONTRO	no erosion control. Pond with standing water.	
					1
BLD2008-02660	1325 W MOUNTAIN DR				
	2/3/2009	DONE	Insp - FINAL EROSION CONTROL		
					1
BLD2008-02664	1105 LAS ALTURAS RD				
	1/20/2009	PASS	Insp - FINAL EROSION CONTROL		
					1
BLD2008-02665	712 WESTWOOD DR				
	3/13/2009	DONE	Insp - FINAL EROSION CONTROL		
					1
BLD2008-02666	529 CONEJO RD				
	2/2/2009	DONE	Insp - FINAL EROSION CONTROL		
					1
BLD2008-02670	324 SHERMAN RD				
	2/13/2009	DONE	Insp - FINAL EROSION CONTROL		
					1
BLD2008-02674	312 SHERMAN RD				
	2/5/2009	DONE	Insp - FINAL EROSION CONTROL		
					1
BLD2008-02676	428 CONEJO RD				
	2/2/2009	DONE	Insp - FINAL EROSION CONTROL		
					1
BLD2008-02677	114 CONEJO RD				
	1/29/2009	CORR	Insp - INITIAL EROSION CONTRO	Erosion control has not been installed.	
					1
BLD2008-02679	638 LAS ALTURAS RD				
	2/3/2009	DONE	Insp - FINAL EROSION CONTROL		
					1
BLD2008-02681	684 CIRCLE DR				
	1/30/2009	DONE	Insp - FINAL EROSION CONTROL	Lot is relatively flat. No further erosion control appears to be necessary.	
					1
BLD2008-02682	357 CONEJO RD				
	2/2/2009	DONE	Insp - FINAL EROSION CONTROL		
					1
BLD2008-02683	2222 GIBRALTAR RD				
	2/9/2009	DONE	Insp - FINAL EROSION CONTROL		
					1
BLD2008-02688	1117 LAS ALTURAS RD				
	1/30/2009	DONE	Insp - FINAL EROSION CONTROL		
					1
BLD2008-02693	940 COYOTE RD				
	2/5/2009	DONE	Insp - FINAL EROSION CONTROL		
					1
BLD2008-02697	333 CONEJO RD				

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2/5/2009	DONE	Insp - FINAL EROSION CONTROL		
				1
BLD2008-02699	660 LAS ALTURAS RD			
2/3/2009	DONE	Insp - FINAL EROSION CONTROL		
				1
BLD2008-02702	1001 COYOTE RD			
2/2/2009	DONE	Insp - FINAL EROSION CONTROL		
				1
BLD2008-02703	130 CAMINO ALTO			
1/29/2009	DONE	Insp - FINAL EROSION CONTROL		
				1
BLD2008-02704	123 CONEJO RD			
1/30/2009	DONE	Insp - FINAL EROSION CONTROL		
				1
BLD2008-02705	2215 EDGEWATER WAY			
11/19/2009	DONE	Insp - INITIAL EROSION CONTRO		
				1
BLD2008-02706	523 CONEJO RD			
2/2/2009	DONE	Insp - FINAL EROSION CONTROL		
				1
BLD2008-02707	2190 MOUNT CALVARY RD			
2/10/2009	DONE	Insp - FINAL EROSION CONTROL		
				1
BLD2008-02710	19 CAMINO VERDE			
1/29/2009	DONE	Insp - FINAL EROSION CONTROL		
				1
BLD2008-02712	462 CONEJO RD			
2/2/2009	CORR	Insp - INITIAL EROSION CONTRO	No erosion control installed.	
				1
BLD2008-02713	217 CONEJO RD			
1/30/2009	CORR	Insp - INITIAL EROSION CONTRO	no erosion control installed at this inspection.	
				1
BLD2008-02714	1002 COYOTE RD			
2/2/2009	DONE	Insp - FINAL EROSION CONTROL		
				1
BLD2008-02715	1510 W MOUNTAIN DR			
2/13/2009	DONE	Insp - FINAL EROSION CONTROL		
				1
BLD2008-02718	2026 GILLESPIE ST			
9/10/2009	DONE	Insp - FINAL EROSION CONTROL		
				1
BLD2008-02719	61 VISTA DEL MAR DR			
11/4/2009	DONE	Insp - ADD'L EROSION CONTROL		
7/27/2009	DONE	Insp - INITIAL EROSION CONTRO		
				2
BLD2008-02720	1050 LAS ALTURAS RD			
2/3/2009	DONE	Insp - FINAL EROSION CONTROL		
				1
BLD2008-02722	1712 CALLE CERRO			
5/19/2009	DONE	Insp - ADD'L EROSION CONTROL		
				1
BLD2008-02723	656 LAS ALTURAS RD			
2/5/2009	DONE	Insp - FINAL EROSION CONTROL		
				1
BLD2008-02725	642 LAS ALTURAS RD			
2/3/2009	DONE	Insp - FINAL EROSION CONTROL		
				1
BLD2008-02726	931 COYOTE RD			
2/3/2009	DONE	Insp - FINAL EROSION CONTROL		
				1
BLD2008-02727	933 W MOUNTAIN DR			
1/28/2009	DONE	Insp - INITIAL EROSION CONTRO		
				1

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BLD2008-02728	219 CONEJO RD			
1/30/2009	DONE	Insp - FINAL EROSION CONTROL		
				1
BLD2008-02729	305 CONEJO RD			
2/2/2009	DONE	Insp - FINAL EROSION CONTROL		
				1
BLD2008-02730	241 CONEJO RD			
1/30/2009	DONE	Insp - INITIAL EROSION CONTRO		
				1
BLD2008-02734	535 CONEJO RD			
2/2/2009	CORR	Insp - INITIAL EROSION CONTRO	Erosion control not installed.	
				1
BLD2008-02736	507 CONEJO RD			
2/13/2009	DONE	Insp - INITIAL EROSION CONTRO	No erosion control at this time.	
				1
BLD2008-02739	223 CONEJO RD			
1/30/2009	PASS	Insp - FINAL EROSION CONTROL		
				1
BLD2008-02745	762 WESTMONT RD			
2/3/2009	DONE	Insp - FINAL EROSION CONTROL		
				1
BLD2008-02746	620 FLORA VISTA DR			
10/29/2009	DONE	Insp - ADD'L EROSION CONTROL		
				1
BLD2008-02747	1275 CALLE CERRITO			
1/12/2009	DONE	Insp - FINAL EROSION CONTROL		
				1
BLD2008-02756	447 CONEJO RD			
2/2/2009	DONE	Insp - FINAL EROSION CONTROL		
				1
BLD2008-02761	533 CONEJO RD			
2/2/2009	PASS	Insp - FINAL EROSION CONTROL		
				1
BLD2008-02765	403 CONEJO RD			
2/10/2009	DONE	Insp - FINAL EROSION CONTROL		
				1
BLD2008-02783	11 EALAND PL			
2/2/2009	DONE	Insp - FINAL EROSION CONTROL		
				1
BLD2008-02787	824 WESTMONT RD			
2/3/2009	DONE	Insp - FINAL EROSION CONTROL		
				1
BLD2008-02788	1052 LAS ALTURAS RD			
2/3/2009	DONE	Insp - FINAL EROSION CONTROL		
				1
BLD2008-02789	825 WESTMONT RD			
2/3/2009	DONE	Insp - FINAL EROSION CONTROL		
				1
BLD2008-02790	840 WESTMONT RD			
2/3/2009	DONE	Insp - FINAL EROSION CONTROL		
				1
BLD2008-02791	849 WESTMONT RD			
2/5/2009	DONE	Insp - FINAL EROSION CONTROL		
				1
BLD2008-02792	850 WESTMONT RD			
2/5/2009	DONE	Insp - FINAL EROSION CONTROL		
				1
BLD2008-02793	928 WESTMONT RD			
2/5/2009	DONE	Insp - FINAL EROSION CONTROL		
				1
BLD2008-02794	952 WESTMONT RD			
2/5/2009	DONE	Insp - FINAL EROSION CONTROL		
				1

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BLD2008-02795	1014 WESTMONT RD			
2/9/2009	DONE	Insp - FINAL EROSION CONTROL		
				1
BLD2008-02796	1031 WESTMONT RD			
2/9/2009	DONE	Insp - FINAL EROSION CONTROL		
				1
BLD2008-02799	1108 WESTMONT RD			
2/9/2009	DONE	Insp - FINAL EROSION CONTROL		
				1
BLD2008-02800	1103 WESTMONT RD			
2/9/2009	DONE	Insp - FINAL EROSION CONTROL		
				1
BLD2008-02801	1125 WESTMONT RD			
2/9/2009	DONE	Insp - FINAL EROSION CONTROL		
				1
BLD2008-02802	1132 WESTMONT RD			
2/9/2009	DONE	Insp - FINAL EROSION CONTROL		
				1
BLD2008-02807	20 CAMINO VERDE			
1/29/2009	DONE	Insp - FINAL EROSION CONTROL		
				1
BLD2008-02811	438 CONEJO RD			
2/2/2009	CORR	Insp - INITIAL EROSION CONTRO	No erosion control installed.	
				1
BLD2008-02814	1401 KENWOOD RD			
5/5/2009	DONE	Insp - INITIAL EROSION CONTRO		
7/9/2009	DONE	Insp - ADD'L EROSION CONTROL		
5/28/2009	DONE	Insp - ADD'L EROSION CONTROL		
				3
BLD2008-02835	121 W MOUNTAIN DR			
2/10/2009	DONE	Insp - FINAL EROSION CONTROL		
				1
BLD2008-02840	150 CAMINO ALTO			
1/29/2009	CORR	Insp - INITIAL EROSION CONTRO	Erosion control has not been installed.	
				1
BLD2008-02846	345 CONEJO RD			
1/6/2009	PASS	Insp - ADD'L EROSION CONTROL	896-8334 Mike if there's a problema	
				1
BLD2008-02848	122 SKYLINE CIR			
1/12/2009	DONE	Insp - ADD'L EROSION CONTROL		
1/13/2009	DONE	Insp - FINAL EROSION CONTROL		
				2
BLD2008-02863	289 EL CIELITO RD			
1/28/2009	DONE	Insp - INITIAL EROSION CONTRO		
				1
BLD2008-02892	2220 GIBRALTAR RD			
2/9/2009	CORR	Insp - INITIAL EROSION CONTRO	Erosion control not installed.	
				1
BLD2008-02895	20 ALISAL RD			
1/29/2009	PASS	Insp - FINAL EROSION CONTROL		
				1
BLD2008-02908	474 CONEJO RD			
2/2/2009	CORR	Insp - INITIAL EROSION CONTRO	No erosion control installed.	
				1
BLD2008-02910	265 CONEJO RD			
1/30/2009	DONE	Insp - INITIAL EROSION CONTRO	Erosion control not installed.	
				1
BLD2008-02932	1105 BEL AIR DR			
4/2/2009	DONE	Insp - INITIAL EROSION CONTRO		
5/14/2009	DONE	Insp - ADD'L EROSION CONTROL		
10/5/2009	DONE	Insp - FINAL EROSION CONTROL		
				3
BLD2008-02943	14 CAMINO VERDE			

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	1/29/2009	DONE	Insp - FINAL EROSION CONTROL		
					1
BLD2008-02950	885 MOUNTAIN DR				
	3/2/2009	DONE	Insp - FINAL EROSION CONTROL		
					1
BLD2008-02952	1541 MARQUARD TERR				
	12/15/2009	DONE	Insp - ADD'L EROSION CONTROL		
					1
BLD2008-02957	963 COYOTE RD				
	2/2/2009	DONE	Insp - FINAL EROSION CONTROL		
					1
BLD2008-02962	16 EALAND PL				
	2/2/2009	CORR	Insp - INITIAL EROSION CONTRO	No erosion control.	
					1
BLD2008-02977	730 MIRAMONTE DR				
	11/12/2009	DONE	Insp - INITIAL EROSION CONTRO		
					1
BLD2008-02992	835 W MISSION ST				
	7/15/2009	DONE	Insp - INITIAL EROSION CONTRO		
	10/29/2009	DONE	Insp - FINAL EROSION CONTROL		
					2
BLD2008-02994	17 EALAND PL				
	2/2/2009	CORR	Insp - INITIAL EROSION CONTRO	Erosion control not installed.	
					1
BLD2008-02999	203 SANTA ANITA RD				
	2/13/2009	DONE	Insp - INITIAL EROSION CONTRO		
					1
BLD2008-03000	430 CONEJO RD				
	2/11/2009	DONE	Insp - INITIAL EROSION CONTRO	No reosion control.	
					1
BLD2008-03007	515 CONEJO RD				
	2/2/2009	CORR	Insp - INITIAL EROSION CONTRO	Erosion control not installed.	
					1
BLD2008-03013	695 COYOTE RD				
	2/2/2009	DONE	Insp - FINAL EROSION CONTROL		
					1
BLD2008-03028	100 BARRANCA AVE				
	11/12/2009	DONE	Insp - INITIAL EROSION CONTRO		
					1
BLD2008-03041	999 COYOTE RD				
	2/2/2009	DONE	Insp - FINAL EROSION CONTROL		
					1
BLD2008-03043	1224 SANTA TERESITA DR				
	2/13/2009	DONE	Insp - INITIAL EROSION CONTRO		
					1
BLD2008-03045	486 CONEJO RD				
	2/11/2009	DONE	Insp - INITIAL EROSION CONTRO		
					1
BLD2009-00002	317 CONEJO RD				
	2/2/2009	DONE	Insp - FINAL EROSION CONTROL		
					1
BLD2009-00024	2421 CALLE LINARES				
	5/6/2009	DONE	Insp - FINAL EROSION CONTROL		
					1
BLD2009-00048	1423 KENWOOD RD				
	2/5/2009	DONE	Insp - ADD'L EROSION CONTROL		
	1/26/2009	DONE	Insp - INITIAL EROSION CONTRO		
					2
BLD2009-00053	1334 CRESTLINE DR				
	5/26/2009	DONE	Insp - INITIAL EROSION CONTRO		
	6/1/2009	DONE	Insp - INITIAL EROSION CONTRO		
	7/7/2009	DONE	Insp - ADD'L EROSION CONTROL		
					3

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BLD2009-00068	850 W MOUNTAIN DR			
3/2/2009	DONE	Insp - INITIAL EROSION CONTRO	Not installed at this inspection.	
				1
BLD2009-00075	54 VISTA DEL MAR DR			
1/27/2009	DONE	Insp - FINAL EROSION CONTROL		
				1
BLD2009-00079	403 CONEJO RD			
1/20/2009	PASS	Insp - FINAL EROSION CONTROL	temp power kelly 805-896-4126 Tool storage container too close to front of service panel.	
				1
BLD2009-00094	910 W ISLAY ST			
1/22/2009	DONE	Insp - INITIAL EROSION CONTRO		
				1
BLD2009-00095	930 W PEDREGOSA ST			
10/5/2009	DONE	Insp - INITIAL EROSION CONTRO		
				1
BLD2009-00099	1131 LAS ALTURAS RD			
2/4/2009	DONE	Insp - INITIAL EROSION CONTRO		
				1
BLD2009-00136	43 PORTOLA LN			
10/22/2009	DONE	Insp - ADD'L EROSION CONTROL		
10/13/2009	DONE	Insp - ADD'L EROSION CONTROL		
8/10/2009	DONE	Insp - ADD'L EROSION CONTROL		
7/9/2009	DONE	Insp - INITIAL EROSION CONTRO		
				4
BLD2009-00138	325 MESA LN			
2/27/2009	DONE	Insp - FINAL EROSION CONTROL		
				1
BLD2009-00154	715 CIRCLE DR			
2/3/2009	DONE	Insp - FINAL EROSION CONTROL		
				1
BLD2009-00162	1930 EL CAMINO DE LA LUZ			
12/15/2009	DONE	Insp - ADD'L EROSION CONTROL		
9/24/2009	DONE	Insp - ADD'L EROSION CONTROL		
8/10/2009	DONE	Insp - INITIAL EROSION CONTRO		
8/26/2009	DONE	Insp - INITIAL EROSION CONTRO		
9/22/2009	DONE	Insp - INITIAL EROSION CONTRO	1)install erosion control and bmp's	
				5
BLD2009-00181	629 MIRAMONTE DR			
2/17/2009	DONE	Insp - ADD'L EROSION CONTROL		
				1
BLD2009-00191	2320 CLIFF DR			
1/29/2009	DONE	Insp - INITIAL EROSION CONTRO		
3/9/2009	DONE	Insp - FINAL EROSION CONTROL		
				2
BLD2009-00258	1750 SYCAMORE CANYON RD			
6/29/2009	DONE	Insp - INITIAL EROSION CONTRO	Erosion control measures in place.	
				1
BLD2009-00259	1762 SYCAMORE CANYON RD			
6/29/2009	DONE	Insp - INITIAL EROSION CONTRO		
				1
BLD2009-00266	649 ISLAND VIEW DR			
2/27/2009	DONE	Insp - FINAL EROSION CONTROL		
				1
BLD2009-00336	448 ALAN RD			
2/12/2009	DONE	Insp - ADD'L EROSION CONTROL		
				1
BLD2009-00341	2018 MOUNTAIN AVE			
2/11/2009	DONE	Insp - FINAL EROSION CONTROL		
				1
BLD2009-00344	309 PALISADES DR			
5/19/2009	DONE	Insp - ADD'L EROSION CONTROL		

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				1
BLD2009-00346	1115 CLIFF DR			
	7/7/2009	DONE	Insp - ADD'L EROSION CONTROL	
	10/20/2009	DONE	Insp - ADD'L EROSION CONTROL	
				2
BLD2009-00377	1715 CALLE BOCA DEL CANON			
	7/2/2009	DONE	Insp - FINAL EROSION CONTROL	
				1
BLD2009-00383	19 CAMINO VERDE			
	10/13/2009	DONE	Insp - ADD'L EROSION CONTROL	
				1
BLD2009-00399	537 MEIGS RD			
	5/28/2009	DONE	Insp - ADD'L EROSION CONTROL	
				1
BLD2009-00419	1121 BATH ST			
	2/19/2009	DONE	Insp - FINAL EROSION CONTROL	
				1
BLD2009-00562	1443 SAN MIGUEL AVE			
	10/6/2009	DONE	Insp - INITIAL EROSION CONTRO	
				1
BLD2009-00564	219 VISTA DEL MAR DR			
	4/6/2009	DONE	Insp - ADD'L EROSION CONTROL	
	3/27/2009	DONE	Insp - INITIAL EROSION CONTRO	
				2
BLD2009-00574	1322 KENWOOD RD			
	3/10/2009	DONE	Insp - FINAL EROSION CONTROL	
				1
BLD2009-00584	129 SAN CLEMENTE			
	5/12/2009	DONE	Insp - FINAL EROSION CONTROL	
				1
BLD2009-00601	1415 KENWOOD RD			
	6/16/2009	DONE	Insp - INITIAL EROSION CONTRO	
				1
BLD2009-00660	1721 CHINO ST			
	10/13/2009	CORR	Insp - INITIAL EROSION CONTRO	1)maintain erosion control
	10/20/2009	DONE	Insp - ADD'L EROSION CONTROL	
	10/27/2009	DONE	Insp - ADD'L EROSION CONTROL	
				3
BLD2009-00676	918 CALLE CORTITA			
	5/18/2009	DONE	Insp - FINAL EROSION CONTROL	
				1
BLD2009-00681	526 W ANAPAMU ST UNIT B			
	10/20/2009	DONE	Insp - ADD'L EROSION CONTROL	
				1
BLD2009-00682	526 W ANAPAMU ST UNIT C			
	10/20/2009	DONE	Insp - ADD'L EROSION CONTROL	
				1
BLD2009-00684	526 W ANAPAMU ST UNIT E			
	10/20/2009	DONE	Insp - ADD'L EROSION CONTROL	
				1
BLD2009-00701	1725 CALLE CERRO			
	4/8/2009	DONE	Insp - FINAL EROSION CONTROL	
				1
BLD2009-00708	2511 MURRELL RD			
	7/30/2009	DONE	Insp - ADD'L EROSION CONTROL	
	8/5/2009	DONE	Insp - INITIAL EROSION CONTRO	
	10/19/2009	DONE	Insp - ADD'L EROSION CONTROL	
	10/13/2009	CORR	Insp - ADD'L EROSION CONTROL	1)maintain erosion control
				4
BLD2009-00713	3427 SEA LEDGE LN			
	10/14/2009	CORR	Insp - ADD'L EROSION CONTROL	*maintain erosion control
				1
BLD2009-00738	2005 EL CAMINO DE LA LUZ			

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	4/21/2009	DONE	Insp - FINAL EROSION CONTROL		
					1
BLD2009-00741	1716 CALLE PONIENTE				
	4/23/2009	DONE	Insp - FINAL EROSION CONTROL		
					1
BLD2009-00744	1556 W VALERIO ST				
	4/23/2009	DONE	Insp - FINAL EROSION CONTROL		
					1
BLD2009-00807	403 CONEJO RD				
	7/28/2009	DONE	Insp - ADD'L EROSION CONTROL		
					1
BLD2009-00811	726 W VALERIO ST				
	5/28/2009	DONE	Insp - INITIAL EROSION CONTRO		
					1
BLD2009-00814	1242 SHORELINE DR				
	10/7/2009	DONE	Insp - ADD'L EROSION CONTROL		
	11/3/2009	DONE	Insp - ADD'L EROSION CONTROL		
	8/10/2009	DONE	Insp - INITIAL EROSION CONTRO		
					3
BLD2009-00824	1502 W VALERIO ST				
	4/23/2009	DONE	Insp - FINAL EROSION CONTROL		
					1
BLD2009-00838	17 CAMINO VERDE				
	10/13/2009	DONE	Insp - ADD'L EROSION CONTROL		
					1
BLD2009-00846	1717 CALLE PONIENTE				
	4/23/2009	DONE	Insp - FINAL EROSION CONTROL		
					1
BLD2009-00860	1301 CLIFF DR				
	4/28/2009	DONE	Insp - ADD'L EROSION CONTROL		
					1
BLD2009-00897	595 SYCAMORE VISTA RD				
	10/12/2009	CORR	Insp - INITIAL EROSION CONTRO	Install all erosion control measures per BMPs on plans because of impending rains.	
					1
BLD2009-00911	2550 MURRELL RD				
	4/21/2009	DONE	Insp - FINAL EROSION CONTROL		
					1
BLD2009-00928	221 N NOPAL ST				
	9/25/2009	DONE	Insp - INITIAL EROSION CONTRO	met on site with job superintendent and went over B.M.P.'s. Need to insrtall A.S.A.P.	
					1
BLD2009-00942	2129 RED ROSE WAY				
	10/22/2009	DONE	Insp - INITIAL EROSION CONTRO		
					1
BLD2009-00982	302 SANTA MONICA WAY				
	7/9/2009	DONE	Insp - FINAL EROSION CONTROL		
	5/19/2009	DONE	Insp - INITIAL EROSION CONTRO		
					2
BLD2009-01008	1541 SHORELINE DR				
	6/16/2009	DONE	Insp - ADD'L EROSION CONTROL		
					1
BLD2009-01029	14 CAMINO VERDE				
	10/13/2009	DONE	Insp - INITIAL EROSION CONTRO	In place.	
					1
BLD2009-01034	1957 STANWOOD DR				
	10/12/2009	DONE	Insp - ADD'L EROSION CONTROL	In place needs to be maintained.	
					1
BLD2009-01044	1242 SHORELINE DR				
	7/7/2009	DONE	Insp - FINAL EROSION CONTROL		
					1
BLD2009-01061	429 LA MARINA DR				
	5/12/2009	DONE	Insp - FINAL EROSION CONTROL		

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					1
BLD2009-01094	2109 STANWOOD DR				
	10/13/2009	CORR	Insp - ADD'L EROSION CONTROL	2 trips, BMP's have not been installed. Site visit to be set for 10/14/09 if no erosion control in place, work to stop & reinspection fee to be charged. Recieved phone call at 1430hrs from contractor. Sub contractor is on site installing BMP's.	
	10/14/2009	CORR	Insp - ADD'L EROSION CONTROL	erosion control not installed. Stop work until erosion control has been installed and inspected. A $ 132.00 reinspection fee to be pain before next inspection.	
	10/15/2009	DONE	Insp - ADD'L EROSION CONTROL	Stop work order is lifted, Erosion control has been put in place as required.	
	10/12/2009	CORR	Insp - ADD'L EROSION CONTROL	Erosion control is to ba installed in such a manner as to keep silt out of creek.	
					4
BLD2009-01201	130 SAN CLEMENTE				
	11/19/2009	DONE	Insp - INITIAL EROSION CONTRO		
	10/5/2009	DONE	Insp - INITIAL EROSION CONTRO	advised contractor to install erosion control; he argued that he has been told it's not necessary unless specifics are on the plan and he wanted to talk to someone else about the requirements.	
	10/12/2009	DONE	Insp - ADD'L EROSION CONTROL	left copy of erosion control policy, saw that wattles were onsite, driveway was not protected with equipment entering site	
	9/9/2009	DONE	Insp - INITIAL EROSION CONTRO		
					4
BLD2009-01213	3050 SEA CLIFF				
	11/16/2009	DONE	Insp - ADD'L EROSION CONTROL		
	9/29/2009	DONE	Insp - INITIAL EROSION CONTRO		
					2
BLD2009-01214	1639 LA VISTA DEL OCEANO DR				
	6/2/2009	DONE	Insp - INITIAL EROSION CONTRO		
	6/3/2009	DONE	Insp - FINAL EROSION CONTROL		
					2
BLD2009-01226	3626 ROCKCREEK RD				
	12/7/2009	DONE	Insp - INITIAL EROSION CONTRO		
					1
BLD2009-01253	950 MIRAMONTE DR 3				
	9/29/2009	DONE	Insp - FINAL EROSION CONTROL		
					1
BLD2009-01340	721 DOLORES DR				
	7/21/2009	DONE	Insp - FINAL EROSION CONTROL		
					1
BLD2009-01361	958 ISLETA AVE				
	11/4/2009	DONE	Insp - ADD'L EROSION CONTROL		
					1
BLD2009-01375	123 SKYLINE CIR				
	10/26/2009	CORR	Insp - ADD'L EROSION CONTROL	1)need to install erosion control/landscape then ok to finallize the permit.	
	10/27/2009	DONE	Insp - FINAL EROSION CONTROL		
					2
BLD2009-01377	1538 LA CRESTA CIR				
	9/21/2009	DONE	Insp - ADD'L EROSION CONTROL		
	11/11/2009	DONE	Insp - ADD'L EROSION CONTROL		
					2
BLD2009-01434	2018 MOUNTAIN AVE				
	10/22/2009	DONE	Insp - INITIAL EROSION CONTRO		
					1
BLD2009-01492	3230 STATE ST				
	12/7/2009	DONE	Insp - INITIAL EROSION CONTRO		
					1
BLD2009-01548	217 CONEJO RD				
	10/12/2009	DONE	Insp - INITIAL EROSION CONTRO	In place.	
	11/11/2009	DONE	Insp - ADD'L EROSION CONTROL		
	9/8/2009	CORR	Insp - INITIAL EROSION CONTRO	Erosion control to be installed before grade beams can be approved.	
					3

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BLD2009-01558	357 CONEJO RD			
	11/11/2009	DONE	Insp - ADD'L EROSION CONTROL	
	10/6/2009	DONE	Insp - INITIAL EROSION CONTRO	Dirk Small 310-629-3687 with Everguard Sand bags placed around property perimeter.
				2
BLD2009-01563	1212 MANITOU RD			
	10/19/2009	DONE	Insp - FINAL EROSION CONTROL	
				1
BLD2009-01604	819 N SALSIPUEDES ST			
	9/11/2009	CORR	Insp - ADD'L EROSION CONTROL	need site redone for erosion control
	10/19/2009	DONE	Insp - INITIAL EROSION CONTRO	Spoke with contractor about erosion control measures after seeing quantities of mud and dirt in the street. Contractor will clean up the street with a broom and make sure erosion control is in.
				2
BLD2009-01618	2451 BORTON DR			
	10/13/2009	DONE	Insp - ADD'L EROSION CONTROL	
				1
BLD2009-01620	1401 KENWOOD RD			
	7/30/2009	DONE	Insp - ADD'L EROSION CONTROL	
				1
BLD2009-01625	1565 FRANCESCHI RD			
	10/12/2009	DONE	Insp - INITIAL EROSION CONTRO	In place.
				1
BLD2009-01626	1807 ROBBINS ST			
	7/21/2009	DONE	Insp - FINAL EROSION CONTROL	
				1
BLD2009-01637	2506 CALLE ANDALUCIA			
	7/21/2009	DONE	Insp - FINAL EROSION CONTROL	
				1
BLD2009-01652	733 WESTMONT RD			
	10/12/2009	CORR	Insp - INITIAL EROSION CONTRO	Install all erosion control per BMPs on plans because of impending rains.
				1
BLD2009-01676	161 VISTA DEL MAR DR			
	10/13/2009	DONE	Insp - FINAL EROSION CONTROL	
				1
BLD2009-01732	320 SANTA CRUZ BLVD			
	10/6/2009	DONE	Insp - INITIAL EROSION CONTRO	
	10/12/2009	DONE	Insp - ADD'L EROSION CONTROL	No erosion control materials onsite, with signficant rain forecast for 2 days from now. Advised contractor to install wattles downslope in a trench, and staked.
				2
BLD2009-01754	656 LAS ALTURAS RD			
	10/12/2009	CORR	Insp - INITIAL EROSION CONTRO	Erosion control not installed.
	10/13/2009	DONE	Insp - INITIAL EROSION CONTRO	Erosion control installed.
				2
BLD2009-01834	1526 SAN MIGUEL AVE			
	11/18/2009	DONE	Insp - INITIAL EROSION CONTRO	
				1
BLD2009-01843	506 BROSIAN WAY			
	8/13/2009	DONE	Insp - FINAL EROSION CONTROL	
				1
BLD2009-01848	711 WESTWOOD DR			
	10/19/2009	DONE	Insp - ADD'L EROSION CONTROL	
				1
BLD2009-01934	2555 BORTON DR			
	10/27/2009	DONE	Insp - ADD'L EROSION CONTROL	
				1
BLD2009-01973	2310 SKYLINE WAY			
	9/17/2009	DONE	Insp - INITIAL EROSION CONTRO	
				1
BLD2009-02057	773 WESTWOOD DR			
	9/16/2009	DONE	Insp - FINAL EROSION CONTROL	

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				1
BLD2009-02077	415 FLORA VISTA DR			
	12/4/2009	DONE	Insp - INITIAL EROSION CONTRO	
				1
BLD2009-02124	1212 DEL MAR AVE			
	10/13/2009	DONE	Insp - FINAL EROSION CONTROL	
				1
BLD2009-02137	722 CALLE ALELLA			
	11/3/2009	DONE	Insp - ADD'L EROSION CONTROL	
	10/5/2009	DONE	Insp - INITIAL EROSION CONTRO	
				2
BLD2009-02142	1347 SANTA ROSA AVE			
	9/24/2009	DONE	Insp - FINAL EROSION CONTROL	
				1
BLD2009-02160	930 W VALERIO ST			
	10/14/2009	DONE	Insp - INITIAL EROSION CONTRO	
	10/19/2009	DONE	Insp - FINAL EROSION CONTROL	
				2
BLD2009-02258	1931 EL CAMINO DE LA LUZ			
	11/19/2009	DONE	Insp - INITIAL EROSION CONTRO	
				1
BLD2009-02313	1110 CRESTLINE DR			
	11/19/2009	DONE	Insp - INITIAL EROSION CONTRO	
				1
BLD2009-02365	434 SEA RANCH DR			
	10/26/2009	DONE	Insp - FINAL EROSION CONTROL	
				1
BLD2009-02367	1215 CRESTLINE DR			
	11/4/2009	DONE	Insp - INITIAL EROSION CONTRO	
				1
BLD2009-02409	1729 VILLA AVE			
	12/15/2009	DONE	Insp - FINAL EROSION CONTROL	
				1
BLD2009-02435	1211 HARBOR HILLS DR			
	11/19/2009	DONE	Insp - INITIAL EROSION CONTRO	
				1
BLD2009-02442	116 VIA DEL CIELO			
	12/15/2009	DONE	Insp - INITIAL EROSION CONTRO	
				1
BLD2009-02488	233 LAS ONDAS			
	12/10/2009	DONE	Insp - INITIAL EROSION CONTRO	
				1
BLD92-00645	124 VISTA DEL MAR DR			
	8/24/2009	DONE	Insp - FINAL EROSION CONTROL	
				1
BLD92-01034	1541 CLIFF DR			
	4/23/2009	DONE	Insp - ADD'L EROSION CONTROL	
				1
BLD97-02051	2409 CALLE LINARES			
	4/6/2009	DONE	Insp - ADD'L EROSION CONTROL	
				1
BLD97-02742	1001 CHINO ST			
	12/15/2009	DONE	Insp - ADD'L EROSION CONTROL	
	9/30/2009	DONE	Insp - ADD'L EROSION CONTROL	
	2/5/2009	CORR	Insp - ADD'L EROSION CONTROL	1)I called Rudy and requested that they maintain the erosion control A complaintaint called and said that there was mud coming down the street from thiis location.
	2/9/2009	DONE	Insp - ADD'L EROSION CONTROL	*I returned call from neighbor Christin 437-3256. Christin said that they had moved the hay bales used for erosion.
	2/9/2009	DONE	Insp - ADD'L EROSION CONTROL	*check erosion
				5
BLD97-02783	1001 CHINO ST			
	9/30/2009	DONE	Insp - ADD'L EROSION CONTROL	

Permit #	Site Address			
	2/5/2009	CORR	Insp - ADD'L EROSION CONTROL	1)I called Rudy and requested that they maintain the erosion control A complaintaint called and said that there was mud coming down the street from thiis location.
	12/15/2009	DONE	Insp - ADD'L EROSION CONTROL	
				3
BLD97-02986	1001 CHINO A			
	12/15/2009	DONE	Insp - ADD'L EROSION CONTROL	
	2/5/2009	CORR	Insp - ADD'L EROSION CONTROL	1)I called Rudy and requested that they maintain the erosion control A complaintaint called and said that there was mud coming down the street from thiis location.
	10/28/2009	DONE	Insp - ADD'L EROSION CONTROL	*temp erosion ok
	10/12/2009	DONE	Insp - ADD'L EROSION CONTROL	* landscape contractor Rudy 889-9550 was spoken to and advised to get thet erosion control installation updated stat.
	9/30/2009	DONE	Insp - ADD'L EROSION CONTROL	
	10/14/2009	CORR	Insp - ADD'L EROSION CONTROL	*maintain erosion control
				6
BLD97-02987	1001 CHINO B			
	2/5/2009	CORR	Insp - ADD'L EROSION CONTROL	1)I called Rudy and requested that they maintain the erosion control A complaintaint called and said that there was mud coming down the street from thiis location.
	10/28/2009	DONE	Insp - ADD'L EROSION CONTROL	*temp erosion ok
	12/15/2009	DONE	Insp - ADD'L EROSION CONTROL	
	9/30/2009	DONE	Insp - ADD'L EROSION CONTROL	
				4
BLD97-02988	1001 CHINO C			
	2/5/2009	CORR	Insp - ADD'L EROSION CONTROL	1)I called Rudy and requested that they maintain the erosion control A complaintaint called and said that there was mud coming down the street from thiis location.
	10/28/2009	DONE	Insp - ADD'L EROSION CONTROL	*temp erosion ok
	12/15/2009	DONE	Insp - ADD'L EROSION CONTROL	
	9/30/2009	DONE	Insp - ADD'L EROSION CONTROL	
				4
BLD97-02989	1001 CHINO D			
	12/15/2009	DONE	Insp - ADD'L EROSION CONTROL	
	2/5/2009	CORR	Insp - ADD'L EROSION CONTROL	1)I called Rudy and requested that they maintain the erosion control A complaintaint called and said that there was mud coming down the street from thiis location.
	10/28/2009	DONE	Insp - ADD'L EROSION CONTROL	*temp erosion ok
	9/30/2009	DONE	Insp - ADD'L EROSION CONTROL	
				4
PBW2008-02016	911 LAGUNA ST			
	6/30/2009	DONE	ADD'L EROSION CONTROL	Recieved Tim Burgess email about the erosion control need at the job site. I tried to contact Lisa coffee however her voice mail box is full. I spoke with the forman who assured me the BMP's are being placed ASAP. RS another site visit. Completed BMPs, OK
				1

5. Post-Construction Storm Water Management in New Development and Redevelopment

If your community is subject to Attachment 4 (Supplemental Provisions) of the General Permit, note your compliance with and progress implementing the Design Standards in this section, if applicable.

Activity	***BMP***	***Description/Implementation***	***Status***					
			Implemented	**Not Applicable**	**Modified**	**Effective**	**Unknown**	**Not Effective**
Implement minimum design standards for post-construction storm water management prescribed by Attachment 4	5.1	Apply appropriate post-construction BMPs (using City's Storm Water BMP Guidance Manual) through development design review and permit conditions.	X			X		
Require ongoing BMP maintenance and annual inspection and records for discretionary projects requiring Planning Commission permit approval	5.2	Apply post-construction BMP maintenance/inspection requirements through development permit conditions. Document annual list of audits and inspections.	X			X		
Take enforcement action to ensure BMP implementation/maintenance on projects conditioned with BMPs that fall under Attachment 4	5.3	Undertake enforcement actions through City enforcement program procedures, and document enforcement actions.	X				X	
Develop and implement City ordinance provisions that incorporate design standards	5.4a	Develop outline, detailed work program, budget, and schedule. Develop draft ordinance.		X				
	5.4b	Conduct an ordinance audit to identify and remedy areas in the municipal code and other policies/goals that conflict with enforcing design standards.	X			X		
	5.4c	Hold public workshops and hearings. Develop final ordinance. Ordinance adoption.		X				
Update and implement post-construction volumetric and flow-based design standards and BMPs	5.5a	Study and consider additional standards for volumetric or flow-based treatment control design standards.	X				X	
	5.5b	Apply design standards for non-discretionary projects requiring ministerial permits.	X			X		
	5.5c	Update standard provisions for CEQA impact analysis.	X			X		
	5.5d	Update standard mitigations and conditions.	X			X		

Activity	*BMP*	*Description/Implementation*	*Status*					
			Implemented	Not Applicable	Modified	Effective	Unknown	Not Effective
Storm Water Quality Monitoring Program	5.6	Implement monitoring program (see Appendix G) and update/revise annually.	X			X		
Microbial Source Tracking Protocol Development Project	5.7	Implement source tracking project and continue research based on funding.	X			X		
Biological Assessment Program	5.8	Implement assessment program by collecting and analyzing benthic macro invertebrate (BMI) samples and other pertinent physiochemical and biological data in creeks.	X			X		
General Plan Update	5.9	Scope affiliated EIR to include policy changes that will continue, update, and expand programs that specifically support watershed planning.	X				X	

BMP 5.1 Implement Minimum Design Standards for Post-Construction Storm Water Management Prescribed by Attachment 4

Measurable Goal 5.1: *Document annual list of discretionary projects for which post construction BMPs were included. Provide report to RWQCB annually.*

Status: The following 30 projects had post construction storm water BMPs included during Year 1:

- 100 Adams Rd
- 110 W Sola St
- 1109 Luneta Pz
- 124 Los Aguajes Ave
- 1712 Anacapa St
- 1900 Lasuen (El Encanto)
- 1927 El Camino De La Luz
- 203 Chapala St
- 210 & 216 Meigs Road
- 226 Eucalyptus Hill Dr
- 230 Lighthouse Rd
- 2515 Medcliff Rd

- 28 W. Cabrillo
- 290 Lighthouse Road
- 3339 Cliff Dr
- 3500 McCaw Ave (Upper Las Positas Creek Restoration Project)
- 3714 State St
- 3885-3887 State St.
- 412 Anacapa St
- 421 E Cota St
- 436 Corona Del Mar Dr
- 505 W Los Olivos St
- 505 Wentworth Ave
- 535 E. Montecito
- 617 Bradbury Ave
- 618 San Pascual
- 631 Olive St
- 6400 Hollister Ave
- 705 Norman Firestone Rd
- 803 N Milpas St

One City project that should be highlighted for post construction BMP implementation in 2009 is the Upper Las Positas Creek Restoration and Storm Water Management Project. This project is currently under construction and is designed to retain and treat polluted urban runoff water, restore creek habitat, and repair several eroding creek banks on the municipal golf course that contribute to poor water quality. The construction of large storm water basins, shallow pools, and vegetated swales will provide water quality treatment, improve wildlife habitat and aesthetics, and provide outreach opportunities to golfers, students at the adjacent Adams Elementary School, and the general public. Constructing the Project would also reduce peak storm flows in order to facilitate future, downstream creek restoration and water quality improvement efforts.

All of the projects listed above included one or more of the following conditions of approval:

- Post-Construction Erosion Control and Water Quality Plan: Provide an engineered drainage plan that addresses the existing drainage patterns and leads towards improvement of the quality and rate of water run-off conditions from the site by capturing, infiltrating, and/or treating drainage and preventing erosion. The Owner shall employ passive water quality methods, such as bioswales, catch basins, or storm drain on the Real Property, or other measures specified in the Erosion Control Plan, to intercept all sediment and other potential pollutants (including, but not limited to, hydrocarbons, fecal bacteria, herbicides, fertilizers, etc.) from the parking lot areas and other improved, hard-surfaced areas prior to discharge into the public storm drain system, including any creeks. All proposed methods shall be reviewed and approved by the Public Works Department and the Community Development Department. Maintenance of these facilities shall be provided by the Owner, as outlined in Condition ***, above, which shall include the regular sweeping and/or vacuuming of parking areas and drainage and storm water methods maintenance program.

- The Owner shall submit (drainage calculations) (a hydrology report) prepared by a registered civil engineer or licensed architect demonstrating that the new development will not increase runoff amounts above existing conditions for a 25-year storm event. Any increase in runoff shall be retained on-site.
- Project drainage shall be designed, installed, and maintained such that stormwater runoff from the first inch of rain from any storm event shall be retained and treated onsite in accordance with the City's NPDES Storm Water Management Permit. Runoff should be directed into a passive water treatment method such as a bioswale, landscape feature (planter beds and/or lawns), infiltration trench, etc. Project plans for grading, drainage, stormwater treatment methods, and project development, shall be subject to review and approval by City Building Division and Public Works Department. Sufficient engineered design and adequate measures shall be employed to ensure that no significant construction-related or long-term effects from increased runoff, erosion and sedimentation, urban water pollutants (such as ...), or groundwater pollutants would result from the project. The Owner shall maintain the drainage system and storm water pollution control methods in a functioning state.
- Storm Water Pollution Control and Drainage Systems Maintenance. Owner shall maintain the drainage system and storm water pollution control devices intended to intercept siltation and other potential pollutants (including, but not limited to, hydrocarbons, fecal bacteria, herbicides, fertilizers, etc.) in a functioning state (and in accordance with the Operations and Maintenance Procedure Plan prepared in accordance with the Storm Water Management Plan BMP Guidance Manual). Should any of the project's surface or subsurface drainage structures or storm water pollution control methods fail to capture, infiltrate, and/or treat water, or result in increased erosion, the Owner shall be responsible for any necessary repairs to the system and restoration of the eroded area. Should repairs or restoration become necessary, prior to the commencement of such repair or restoration work, the applicant shall submit a repair and restoration plan to the Community Development Director to determine if an amendment or a new (Building Permit) (and Coastal Development Permit) is required to authorize such work. The Owner is responsible for the adequacy of any project-related drainage facilities and for the continued maintenance thereof in a manner that will preclude any hazard to life, health, or damage to the Real Property or any adjoining property.
- The Owner shall provide an Operations and Maintenance Procedure Plan (describing replacement schedules for pollution absorbing pillows, etc.) for the operation and use of the storm drain surface pollutant interceptors. The Plan shall be reviewed and approved by the Water Resources Specialist (this paragraph is added only when mechanical pollutant interceptors are proposed as part of the project).

Proposed Modifications: None.

Proposed Year 2 Activities: Ongoing.

BMP 5.2 Require Ongoing BMP Maintenance and Annual Inspection and Records for Discretionary Projects Requiring Planning Commission Permit Approval

Measurable Goal 5.2: *Track "large projects" (i.e., "Tier 3 projects" as defined in the City's Storm Water BMP Guidance Manual) for required BMP implementation, annual inspection, and reporting. Provide report to RWQCB annually.*

Status: See Appendices 5A and 5B from the Planning Division that track projects and their required BMP implementation (Appendix 5A is from the Design Review team, who reviews "smaller" projects that do not go to the Planning Commission (PC), and Appendix 5B is from the Design Application Review Team (DART), who reviews "larger" projects that go to PC). The City's Planning Division developed new/additional protocols and procedures in 2009 to ensure SWMP compliance prior to Design Review approvals. The intention is to

improve project SWMP compliance in future reporting years.

The following direction has been provided to Staff regarding SWMP compliance:

1. Any Jan. 2009 or later project that requires a Master Application (MST) with a Building Permit (BLD) that has not been issued will be required to comply with SWMP requirements

- SWMP compliance is to be shown on the building permit plans
- SWMP compliance will be reviewed by Design Review Staff
- Design Review Staff will send a letter to the property owner/applicant informing them of SWMP requirements if compliance was missed.
- Design Review Staff will enter a DESIGN REVIEW ROUTING (or similar) activity in all the current BLD's and enter a correction to comply with SWMP shown on the plans; or the activity will indicate that SWMP compliance is already confirmed
- This activity should be added to all affected BLDs now, so that when the permit gets resubmitted, the correction is already there, (the activity needs to print on the BLD correction list)

3. Any Jan. 2009 or later MST case with no BLD case yet will be required to comply with SWMP requirements

- SWMP compliance is to be shown on the building permit plans
- SWMP compliance will be reviewed by Design Review Staff
- Design Review Staff will send a letter to the property owner/applicant informing them of SWMP requirements; the letter will request that the applicant submit ASAP to Design Review Staff a plan that shows SWMP compliance
- Once SWMP compliance is confirmed, Design Review Staff will update the MST case Project Statistics to indicate compliance
- When BLD plans are routed to the Zoning Plans Examiner for the Initial Review, the Zoning Plans Examiner will check the Project Statistics in the MST case to see if the project complies with SWMP.
- If it does not, The Zoning Plans Examiner will add the DESIGN REVIEW ROUTING (or similar) activity in the BLD and route to Design Review Staff.
- Design Review Staff will enter a correction in the DESIGN REVIEW ROUTING activity for the project to comply with SWMP

4. As of Jan 1 2010, ALL MST cases must show SWMP compliance tier level on plans and in MST cases prior to Final Approval

- The Zoning Plans Examiner will not have to check or route any BLD plans to design review staff that received a Final Approval after March 1, 2010

Proposed Modifications: None.

Proposed Year 2 Activities: Planning staff will continue to improve their working knowledge of the SWMP requirements, how to use and implement the Storm Water BMP Guidance Manual, and how to track project implementation of the requirements. Year 1 has seen a learning curve and it is anticipated that Year 2 will reflect more efficient and consistent SWMP implementation in City project proposals. Staff is working directly with applicants to make sure that SWMP requirements are clearly indicated on project plans. This not only ensures SWMP compliance on projects; it also applies to implementation by demonstrating BMPs on project plans so they are clear for building inspections, thereby guaranteeing proper installation.

BMP 5.3 Take Enforcement Action to Ensure BMP Implementation/Maintenance on Projects Conditioned with BMPs that Fall Under Attachment 4

Measurable Goal 5.3: *BMP compliance for all enforcement cases completed annually. Provide report to RWQCB annually.*

Status: Enforcement of required BMPs occurs during the construction phase of a project. Projects are not allowed to be finished without all of the required post-construction BMPs as noted on the plans being installed. Violations that occur after the project is completed will instigate an enforcement case that would require the violation to be remedied. Due to the fact the City has just completed Year 1 of formal SWMP implementation, no enforcement cases have been necessary, as projects are only now beginning to be built that have conditions for BMPs. Enforcement actions will ensue in the future if/when compliance is not achieved.

Proposed Modifications: None.

Proposed Year 2 Activities: Ongoing.

BMP 5.4 Develop and Implement City Ordinance Provisions that Incorporate Design Standards for Post-Construction Stormwater Management BMPS, Including Peak Stormwater Discharge Rates, Capture and Treatment of the One-Inch Storm, and Preserving Natural Areas

Measurable Goal 5.4a: *Completion of draft ordinance by end of year two permit.*

Status: The first step to drafting a storm water ordinance was initiated and completed this year; the storm water ordinance audit (see Appendices 3C and 3D, as referenced in BMP 3.3). A draft storm water ordinance will be completed by the end of Year 2.

Proposed Modifications: None.

Proposed Year 2 Activities: See above.

Measurable Goal 5.4b: *Complete ordinance audit by end of year two of permit.*

Status: The City Creeks Division contracted with a local consultant May – August 2009 (Year 1) to conduct an ordinance audit and identify all ordinances, policies, and guidelines (City documents) related/applicable to storm water management, and highlight conflicts (or potential conflicts) and/or other issues (incentives/disincentives) that exist among these City documents in relation to: the NPDES General Permit requirements, City SWMP requirements, and/or the City's Storm Water BMP Guidance Manual. The audit will also assess internal consistency of City regulations and goals with respect to storm water management, water quality, flooding, and creek/riparian resources. The audit was completed in September 2009 (Appendices 3C and 3D).

Proposed Modifications: None.

Proposed Year 2 Activities: None. Goal completed.

Measurable Goal 5.4c: *4 meetings. Completion and adoption of final ordinance by end of year three of permit.*

Status: Meetings for drafting the ordinance will continue through Year 2, and a final ordinance will be adopted by the end of Year 3.

Proposed Modifications: None.

Proposed Year 2 Activities: See above.

BMP 5.5 Update and Implement Post-Construction Volumetric and Flow-Based Design Standards and BMPs

Measurable Goal 5.5a: *Complete study and establish new standards by end of year three of permit.*

Status: The City hired a local consultant to produce a Storm Water BMP Guidance Manual in 2008. This effort included an intensive outreach effort to City staff and local design professionals (engineers, architects, builders, etc.) to consider and adopt appropriate design standards and BMPs. Assessing all the staff and public input and studying other existing Guidance Manuals produced by other cities/counties, resulted in the production of the City's Storm Water BMP Guidance Manual, which is tailored to the City's local conditions. The volumetric and flow-based design standards are discussed in detail in Chapter 6 of the Manual, and the BMPs are tailored for different levels of development (referred to as project "tiers."), defined throughout the Manual. The Manual can be downloaded from several places on the City's website, one of which is: www.sbcreeks.com.

Proposed Modifications: None.

Proposed Year 2 Activities: Participate in the Water Board's "Joint Effort for Developing Hydromodification Control Criteria" to study and consider additional standards for volumetric or flow-based treatment control design standards.

Measurable Goal 5.5b: *Incorporate BMPs in ministerial projects through design review/permitting. Report to Regional Board annually.*

Status: BMPs are currently being implemented into smaller, ministerial projects through the City's design review process. As stated in BMP 5.2; the following direction has been provided to Staff regarding SWMP compliance in order to incorporate BMPs in ministerial projects:

1. Any Jan. 2009 or later project that requires a Master Application (MST) with a Building Permit (BLD) that has not been issued will be required to comply with SWMP requirements

- SWMP compliance is to be shown on the building permit plans
- SWMP compliance will be reviewed by Design Review Staff
- Design Review Staff will send a letter to the property owner/applicant informing them of SWMP requirements if compliance was missed.
- Design Review Staff will enter a DESIGN REVIEW ROUTING (or similar) activity in all the current BLD's and enter a correction to comply with SWMP shown on the plans; or the activity will indicate that SWMP compliance is already confirmed
- This activity should be added to all affected BLDs now, so that when the permit gets resubmitted, the

correction is already there, (the activity needs to print on the BLD correction list)

3. Any Jan. 2009 or later MST case with no BLD case yet will be required to comply with SWMP requirements

- SWMP compliance is to be shown on the building permit plans
- SWMP compliance will be reviewed by Design Review Staff
- Design Review Staff will send a letter to the property owner/applicant informing them of SWMP requirements; the letter will request that the applicant submit ASAP to Design Review Staff a plan that shows SWMP compliance
- Once SWMP compliance is confirmed, Design Review Staff will update the MST case Project Statistics to indicate compliance
- When BLD plans are routed to the Zoning Plans Examiner for the Initial Review, the Zoning Plans Examiner will check the Project Statistics in the MST case to see if the project complies with SWMP.
- If it does not, The Zoning Plans Examiner will add the DESIGN REVIEW ROUTING (or similar) activity in the BLD and route to Design Review Staff.
- Design Review Staff will enter a correction in the DESIGN REVIEW ROUTING activity for the project to comply with SWMP

4. As of Jan 1 2010, ALL MST cases must show SWMP compliance tier level on plans and in MST cases prior to Final Approval

- The Zoning Plans Examiner will not have to check or route any BLD plans to design review staff that received a Final Approval after March 1, 2010

See the Appendix 5A from Design Review staff.

Proposed Modifications: None.

Proposed Year 2 Activities: Ongoing.

Measurable Goal 5.5c: *Utilize updated CEQA checklist and guidelines in project review.*

Status: As a part of environmental review for discretionary projects, the DART SWMP checklist (Appendix 5C) is now used to guide analysis of impacts associated with stormwater. Based on the type and size of development proposed, staff applies BMP's per the Storm Water BMP Guidance Manual (June 2008) and based on the findings of the DART checklist, staff applies mitigation measures and/or conditions of approval to development applications to address stormwater concerns per the SWMP.

As a part of the CEQA Initial Study, City staff includes the following standard language (or similar) and an analysis that demonstrates compliance:

The City and State require that onsite capture, retention, and treatment of storm water be incorporated into the design of the project. Pursuant to the City's Storm Water Management Plan (SWMP) and the NPDES General Permit for Storm Water Discharges, the City requires that any increase in stormwater runoff (based on a 25-year storm event) be retained on-site and that projects be designed to capture and treat the calculated amount of runoff from the project site for a 1 inch
storm event, over a 24-hour period.

The process of formally updating the Initial Study Checklist and Master Environmental Assessment Guidelines has been delayed for myriad of reasons including staff resources and workload. However, staff are beginning the process of updating the CEQA Exemption checklist. This checklist is proposed to include the following two questions:

- Project would create net paving/storm water run-off? (Check SWMP checklist).

If the answer is yes, the project would require additional study to address increased run-off and demonstrate through redesign that the project complies with the City's SWMP and NPDES General Permit for Storm Water Discharges. The project may not qualify for an exemption from CEQA.

- Project potential to create substantial water pollution (e.g. discharge of sediment or pollutants)? (Check SWMP checklist).

If the answer is yes, the project would require additional study to address water pollution and demonstrate through redesign that the project complies with the City's SWMP and NPDES General Permit for Storm Water Discharges. The project may not qualify for an exemption from CEQA.

Proposed Modifications: None.

Proposed Year 2 Activities: Ongoing.

Measurable Goal 5.5d: *Utilize updated standard mitigation measures and conditions of approval in project review/permitting.*

Status: Based on the findings of the DART SWMP checklist (Appendix 5C), staff applies mitigation measures and/or conditions of approval to development applications to address stormwater drainage concerns and the SWMP requirements.

The following standard mitigation measure is applied to development applications requiring preparation of an Initial Study under the provisions of CEQA. Other mitigation measures that are project specific are also applied.

Water Resources - Mitigation

> ***Drainage and Water Quality.*** *Project plans for grading, drainage, stormwater facilities, and project development shall be subject to review and approval by City Building Division and Public Works Department per City regulations, (and Regional Water Quality Control Board). Sufficient engineered design and adequate mitigation measures shall be employed to ensure that no significant construction-related or long-term effects from increased runoff, erosion and sedimentation, urban water quality pollutants, or groundwater pollutants would result from the project.*

The following standard conditions of approval are applied to development applications as appropriate. The City case planner chooses the most appropriate and applies it to the project:

Standard Conditions of Approval

> ***Storm Water Pollution Control and Drainage Systems Maintenance.*** *Owner shall maintain the drainage system and storm water pollution control devices intended to intercept siltation and other potential pollutants (including, but not limited to, hydrocarbons, fecal bacteria, herbicides, fertilizers, etc.) in a functioning state (and in accordance with the Operations and Maintenance Procedure Plan approved by the Building Official). Should any of the project's surface or subsurface drainage structures or storm water pollution control methods fail to capture, infiltrate, and/or treat, or result in increased erosion, the Owner shall be responsible for any necessary repairs to the system and restoration of the eroded area. Should repairs or restoration become necessary, prior to the commencement of such repair or restoration work, the applicant shall submit a repair and restoration plan to the Community Development Director to determine if an amendment or a new (Building Permit) (Coastal Development Permit) is required to authorize such work. The Owner is responsible for the adequacy of any project-related drainage facilities and for the continued maintenance thereof in a manner that will preclude any hazard to life, health, or damage to the Real Property or any adjoining property.*
>
> *The Owner shall provide an Operations and Maintenance Procedure Plan (describing replacement schedules for pollution absorbing pillows, etc.) for the operation and use of the storm drain surface pollutant interceptors. The Plan shall be reviewed and approved by the Water Resources Specialist.*

Drainage and Water Quality. *Project drainage shall be designed, installed, and maintained such that stormwater runoff from the first inch of rain from any storm event shall be retained and treated onsite in accordance with the City's NPDES Storm Water Management Permit. Runoff should be directed into a passive water treatment method such as a bioswale, landscape feature (planter beds and/or lawns), infiltration trench, etc. Project plans for grading, drainage, stormwater treatment methods, and project development, shall be subject to review and approval by City Building Division and Public Works Department. Sufficient engineered design and adequate measures shall be employed to ensure that no significant construction-related or long-term effects from increased runoff, erosion and sedimentation, urban water pollutants (such as ...), or groundwater pollutants would result from the project. The Owner shall maintain the drainage system and storm water pollution control methods in a functioning state.*

(Drainage Calculations) (Hydrology Report). *The Owner shall submit (drainage calculations) (a hydrology report) prepared by a registered civil engineer or licensed architect demonstrating that the new development will not increase runoff amounts above existing conditions for a 25-year storm event. Any increase in runoff shall be retained on-site.*

Post-Construction Erosion Control and Water Quality Plan. *Provide an engineered drainage plan that addresses the existing drainage patterns and leads towards improvement of the quality and rate of water run-off conditions from the site by capturing, infiltrating, and/or treating drainage and preventing erosion. The Owner shall employ passive water quality methods, such as bioswales, catch basins, or storm drain on the Real Property, or other measures specified in the Erosion Control Plan, to intercept all sediment and other potential pollutants (including, but not limited to, hydrocarbons, fecal bacteria, herbicides, fertilizers, etc.) from the parking lot areas and other improved, hard-surfaced areas prior to discharge into the public storm drain system, including any creeks. All proposed methods shall be reviewed and approved by the Public Works Department and the Community Development Department. Maintenance of these facilities shall be provided by the Owner, as outlined in Condition ***, above, which shall include the regular sweeping and/or vacuuming of parking areas and drainage and storm water methods maintenance program.*

Permeable Paving. *Incorporate a permeable paving system for the (project driveway(s)) (walkway(s)) (parking area(s)) that will allow a portion of the paved area runoff to percolate into the ground, except as necessary to meet Fire Department weight requirements. Materials in driveways and parking areas must be approved by the Transportation Manager.*

Construction Best Management Practices (BMPs). *Construction activities shall address water quality through the use of BMPs, as approved by the Building and Safety Division.*

Proposed Modifications: None.

Proposed Year 2 Activities: Ongoing.

BMP 5.6 Storm Water Quality Monitoring Program

Measurable Goal 5.6: *Produce storm water quality monitoring reports annually and use results to revise existing BMPs.*

Status: The Creeks Division Monitoring Program conducted sampling in compliance with BMP's 5.6, 5.7, and 5.8 throughout Year 1. The Storm Water Quality Monitoring Program targeted bacteria, nutrients, and hydrocarbons during storm and dry weather monitoring at several sites. The results are included in the Fiscal Year 2009 Annual Water Quality Report and the FY10 First and Second Quarterly Report. These reports can be accessed on the City's website at:
http://www.santabarbaraca.gov/Resident/Community/Creeks/Reports_and_Studies.htm
A status update/summary presentation about the Creeks Division Water Quality Program was given to the Creeks Advisory Committee in November, 2009 (see Appendix 5D).

Results from water quality monitoring have been used to revise the maintenance plan for the Westside SURF

project (BMP #5.2), and storm sampling was conducted to inform the design of a LID demonstration project in a City parking lot that will be implemented in Year 2. Additional storm sampling was conducted to form a baseline data set for assessing the City Creeks Division Upper Las Positas Creek Restoration and Storm Water Management Project, which is currently in construction. Furthermore, monitoring results from Laguna Channel were used to identify housekeeping issues at the City Annex Yard.

Proposed Modifications: None.

Proposed Year 2 Activities: Ongoing.

BMP 5.7 Microbial Source Tracking Protocol Development Project

Measurable Goal 5.7: *Incorporate results into annual water quality monitoring report and use results to revise existing BMPs.*

Status: Limited sampling was conducted for the grant-funded Microbial Source Tracking Protocol Development Project due to a freeze in State grant payments. Results from sampling will be used to support the design of a UV disinfection facility at the outlet of the Laguna Channel and to determine if a diversion should be built at the San Pascual Drain. Samples from the San Pascual Drain, which discharges to Old Mission Creek, were tested for DNA-based human waste markers based on historically high fecal indicator bacteria levels in this location. If results show that sewage and/or human waste is consistently found in the storm drain, the Creeks Division may seek to install a low-flow storm-drain-to-sanitary-sewer diversion. The diversion would ensure that the water is treated prior to discharge in the ocean.

Proposed Modifications: None.

Proposed Year 2 Activities: Ongoing.

BMP 5.8 Biological Assessment Program

Measurable Goal 5.8: *Incorporate results into annual water quality monitoring report and use results to revise existing BMPs.*

Status: Data was collected in April and May 2009 and is presented in the 2009 Bioassessment Report. The results are also summarized in the Annual Water Quality Monitoring Report. Bioassessment results have been used to identify hot spots for future investigation. These reports can be accessed on the City's website at: *http://www.santabarbaraca.gov/Resident/Community/Creeks/Reports_and_Studies.htm*

Proposed Modifications: None.

Proposed Year 2 Activities: Ongoing.

BMP 5.9 General Plan Update

Measurable Goal 5.9: *Track General Plan update process and EIR. Report on outcome.*

Status: The Plan Santa Barbara General Plan update process is undertaking (Phase III) work to prepare draft updated General Plan documents, based on draft policy direction determined by City Council (January 2009). The draft policy direction includes incorporating environmental sustainability principles into the General Plan, and Policy ER25-Storm Water Management Guidelines, which directs the inclusion of City SWMP policies into an Environmental Resources Element, toward reducing storm water run-off and water pollution. (Preparation of an updated Environmental Resources Element would occur in a subsequent year and phase of work). Draft documents under preparation in this Phase include the updated General Plan format, Land Use Element, Land Use Element Map, Housing Element, and Adaptive Management Program.

The Draft Program EIR is also under preparation, and the Draft is targeted for completion in late 2009. The EIR scope of work includes analysis of hydrology, flooding, water quality, water supply, and wastewater management issues and will include reference to the SWMP programmatic mitigation. The EIR analysis is expected to inform the development of community indicators and benchmarks for monitoring the effectiveness of water quality policies and mitigation programs as part of the Adaptive Management Program.

Proposed Modifications: None.

Proposed Year 2 Activities: In 2010, the *Plan Santa Barbara* process is scheduled to complete Phase III work, including public review and adoption of the General Plan Format document, Land Use Element and Land Use Map, Housing Element, Adaptive For the Program EIR, work would entail Draft EIR public review process, and Final EIR preparation and certification.

MCM 5 Attachments

DESIGN REVIEW New Applications Recieved SWMP TIERS

Reporting Period: 1/1/2009 to 12/31/2009

Sorted by SWMP Tier Level

In MST# Order

	Staff	Address	Status	APN	Creation Dat	Project Name	Review Level	Case No.	SWMP Tier Level	
1	ABR	720 N MILPAS ST	P	031-122-033	4/29/2009	C-ALTERATIONS	ABRCON	**MST2009-00217**	TBD	
2	UNA	1816 STATE ST	P	027-032-021	6/9/2009	C-ADDITION	ABRFUL	**MST2009-00281**	TBD	
3	ABR	1315 KOWALSKI AVE	P	039-082-009	6/15/2009	R-MULTI	ABRFUL	**MST2009-00285**	TBD	
4	DYK	201 W CARRILLO ST 2	P	039-312-015	12/7/2009	COMM	HLCCON	**MST2009-00555**	TBD	
5	SFDB	309 W MICHELTORENA ST	A	039-052-008	1/21/2009	SFR-REMODEL	SFDBCON	**MST2009-00041**	*Tier 1 Voluntary*	
6	SFDB	365 EL CIELITO RD	A	021-082-005	2/9/2009	RES-NEW FENCE	SFDBCON	**MST2009-00069**	*Tier 1 Voluntary*	*No increase in impermeable surface for Tea Fire repairs to site*
7	SFDB	642 LAS ALTURAS RD	A	019-282-007	2/17/2009	R-TEA FIRE	SFDBCON	**MST2009-00088**	*Tier 1 Voluntary*	*No expansion of impermeable surface for Tea Fire rebuild*
8	SFDB	1526 SAN MIGUEL AVE	A	045-031-013	2/19/2009	SFR-ADDN & ALT	SFDBCON	**MST2009-00098**	*Tier 1 Voluntary*	*SFR not in HDD*
9	HLC	320 E CARRILLO ST	A	029-301-004	2/24/2009	RES/AS-BLT	HLCCON	**MST2009-00105**	*Tier 1 Voluntary*	
10	HLC	1732 SANTA BARBARA ST	A	027-112-001	2/25/2009	SFR-LANDSCAPE P	HLCFUL	**MST2009-00114**	*Tier 1 Voluntary*	
11	HLC	1529 SANTA BARBARA ST	A	027-241-005	2/26/2009	NR-SOLAR ARRAY	HLCFUL	**MST2009-00116**	*Tier 1 Voluntary*	
12	HLC	2014 GARDEN ST	A	025-331-016	3/10/2009	R- NEW FOUNTAIN	HLCFUL	**MST2009-00135**	*Tier 1 Voluntary*	
13	SFDB	955 COYOTE RD	A	021-061-008	3/24/2009	RETAINING WALL	SFDBCON	**MST2009-00156**	*Tier 1 Voluntary*	*Rebuild of destroyed house under separate case*
14	ABR	120 N SALINAS ST	A	015-180-034	3/30/2009	PARKING DESIGN	ABRCON	**MST2009-00165**	*Tier 1 Voluntary*	
15	SFDB	506 DE LA VISTA AVE	A	029-032-002	4/8/2009	RES ALT	SFDBCON	**MST2009-00179**	*Tier 1 Voluntary*	
16	ABR	1001 CLIFF DR	A	045-072-002	4/29/2009	R-MULTI FAM	ABRCON	**MST2009-00215**	*Tier 1 Voluntary*	
17	ABR	221 W VICTORIA ST	A	039-171-003	5/4/2009	R-ALTERATIONS	ABRCON	**MST2009-00225**	*Tier 1 Voluntary*	
18	ABR	226 W DE LA GUERRA ST	A	037-041-015	5/14/2009	R-NEW DUPLEX	ABRFUL	**MST2009-00248**	*Tier 1 Voluntary*	
19	SFDB	501 CONEJO RD	A	019-062-011	5/27/2009	R- TEA FIRE	SFDBCON	**MST2009-00269**	*Tier 1 Voluntary*	*less than 500 sf accessory*
20	ABR	3968 VIA LUCERO	A	057-232-022	6/1/2009	R-ALTERATIONS	ABRCON	**MST2009-00275**	*Tier 1 Voluntary*	
21	HLC	314 E PADRE ST	A	025-331-002	6/2/2009	DEMO SFR	HLCFUL	**MST2009-00277**	*Tier 1 Voluntary*	
22	SFDB	1204 SAN MIGUEL AVE	A	045-050-010	6/16/2009	R-ADDITION	SFDBFUL	**MST2009-00287**	*Tier 1 Voluntary*	*< 500 sq ft new impermeable surface, not in HDD*
23	ABR	1031 PLACIDO AVE	A	039-262-035	6/22/2009	C-REPAINT MULTI	ABRCON	**MST2009-00297**	*Tier 1 Voluntary*	
24	ABR	710 OLIVE ST	A	031-101-023	8/24/2009	R- ALTERATIONS	ABRCON	**MST2009-00383**	*Tier 1 Voluntary*	
25	ABR	1934 ELISE WAY	A	045-015-017	9/14/2009	R-MULTI, 16 UNITS	ABRCON	**MST2009-00413**	*Tier 1 Voluntary*	
26	SFDB	1342 DE LA GUERRA RD	A	031-142-009	9/22/2009	R-RETAINING WAI	SFDBCON	**MST2009-00427**	*Tier 1 Voluntary*	
27	ABR	616 EUCALYPTUS AVE	A	043-050-016	9/23/2009	R-MULTI, ALTERA	ABRCON	**MST2009-00430**	*Tier 1 Voluntary*	
28	HLC	536 BRINKERHOFF AVE	A	037-163-001	10/5/2009	C-ALTERATIONS	HLCCON	**MST2009-00448**	*Tier 1 Voluntary*	
29	HLC	28 E VALERIO ST	A	027-182-022	10/6/2009	R-ALTERATION	HLCCON	**MST2009-00453**	*Tier 1 Voluntary*	
30	ABR	604 E ORTEGA ST	A	031-172-002	10/15/2009	C-MINOR ALTERA	ABRCON	**MST2009-00473**	*Tier 1 Voluntary*	
31	ABR	1814 OLIVE AVE	A	027-560-001	10/29/2009	R-MULTI, ALTERA	ABRCON	**MST2009-00492**	*Tier 1 Voluntary*	
32	SFDB	1239 MANITOU RD	A	041-010-001	11/9/2009	R-ADDITON	SFDBCON	**MST2009-00508**	*Tier 1 Voluntary*	
33	ABR	804 N ALISOS ST	P	031-053-015	2/17/2009	R-FENCE	ABRCON	**MST2009-00087**	*Tier 1 Voluntary*	
34	ABR	4021 VIA DIEGO B	P	057-440-007	3/3/2009	R-ALTERATION	ABRCON	**MST2009-00125**	*Tier 1 Voluntary*	
35	HLC	309 E CANON PERDIDO ST	P	029-301-034	5/13/2009	HSSR FOR DEMO	HLCFUL	**MST2009-00247**	*Tier 1 Voluntary*	

36	ABR	2101 RIDGE LN	P	019-163-006	8/17/2009	R-ALTERATIONS	ABRCON	**MST2009-00372**	*Tier 1 Voluntary*					
37	HLC	1233 MISSION RIDGE RD	P	019-231-007	8/20/2009	DEMO SFR	HLCCON	**MST2009-00378**	*Tier 1 Voluntary*					
38	ABR	825 OLIVE ST	P	031-023-011	8/24/2009	R-ALT	ABRCON	**MST2009-00382**	*Tier 1 Voluntary*					
39	ABR	777-A SENDA VERDE	P	049-040-054	10/14/2009	NEW TRELLIS	ABRCON	**MST2009-00470**	*Tier 1 Voluntary*					
40	SFDB	403 CONEJO RD	I	019-050-008	1/12/2009	R-TEA FIRE	SFDBCON	**MST2009-00016**	*Tier 2 Basic BMP*	*< 500 sq ft of new impermeable surface for Tea Fire rebuild*				
41	HLC	301 W PEDREGOSA ST	A	027-012-008	1/15/2009	R-ADDN & ALTS	HLCFUL	**MST2009-00025**	*Tier 2 Basic BMP*	*prior to building permit issuance*				
42	SFDB	710 CIRCLE DR	A	013-102-004	1/21/2009	R-TEA FIRE	SFDBCON	**MST2009-00036**	*Tier 2 Basic BMP*	*Drainage swale on plans for Tea Fire rebuild*				
43	ABR	2375 FOOTHILL RD	A	023-240-011	1/21/2009	NON-RES ALT	ABRCON	**MST2009-00040**	*Tier 2 Basic BMP*	*building permit issue*				
44	SFDB	1985 STANWOOD DR	A	019-041-030	1/27/2009	R-TEA FIRE	SFDBCON	**MST2009-00049**	*Tier 2 Basic BMP*	*Included in approved project*				
45	SFDB	1131 DEL SOL AVE	A	045-063-015	1/27/2009	R-ADDITION	SFDBFUL	**MST2009-00050**	*Tier 2 Basic BMP*	*prior to building permit issuance > 500 sq ft new impermeable surface, not in H*				
46	SFDB	2315 CHAPALA ST	A	025-113-011	1/28/2009	NEW GARAGE W/ A	SFDBCON	**MST2009-00052**	*Tier 2 Basic BMP*	*> 500 sq. ft. new impervious surfaces at existing SFR not in HDD*				
47	SFDB	633 MIRAMONTE DR	I	035-253-006	2/9/2009	RES-ALT	SFDBFUL	**MST2009-00070**	*Tier 2 Basic BMP*	*< 500 sq ft increase in impermeable surface*				
48	SFDB	217 CONEJO RD	I	019-041-033	2/11/2009	R-TEA FIRE	SFDBCON	**MST2009-00079**	*Tier 2 Basic BMP*	*< 500 sq ft of new impermeable surface for Tea Fire rebuild*				
49	ABR	25 S CALLE CESAR CHAVEZ	A	017-113-027	2/23/2009	COMM - SITE IMPR	ABRCON	**MST2009-00103**	*Tier 2 Basic BMP*	*prior to building permit issuance*				
50	SFDB	320 SANTA CRUZ BLVD	I	045-032-016	3/3/2009	SF ADDITION	SFDBFUL	**MST2009-00123**	*Tier 2 Basic BMP*	*< 500 sq ft of new and replaced impermeable surface*				
51	ABR	3761 STATE ST	A	051-040-053	3/26/2009	C/B-ALTERATION	ABRCON	**MST2009-00161**	*Tier 2 Basic BMP*	*building permit already issued*				
52	JAL	357 CONEJO RD	I	019-050-029	4/6/2009	R-NEW SFR	SFDBCON	**MST2009-00174**	*Tier 2 Basic BMP*	*< 500 sq ft new impermeable surface for Tea Fire rebuild*				
53	SFDB	1790 SYCAMORE CANYON F	A	013-163-018	4/9/2009	R-ADDITION	SFDBCON	**MST2009-00182**	*Tier 2 Basic BMP*					
54	SFDB	1021 SAN DIEGO RD	I	029-202-014	4/29/2009	R-ADDITIONS	SFDBCON	**MST2009-00216**	*Tier 2 Basic BMP*	*< 500 sq ft new impermeable surface*				
55	SFDB	2150 MISSION RIDGE RD	I	019-071-004	5/6/2009	R-ADDITION	SFDBFUL	**MST2009-00235**	*Tier 2 Basic BMP*	*< 500 sq ft new impermeable surface*				
56	HLC	15 E ANAPAMU ST	A	039-183-028	5/22/2009	C-ALTERATION	HLCFUL	**MST2009-00265**	*Tier 2 Basic BMP*	*prior to building permit issuance*				
57	SFDB	370 LAS ALTURAS RD	I	019-312-020	5/26/2009	R/B-TF-REBUILD	SFDBCON	**MST2009-00267**	*Tier 2 Basic BMP*	*< 500 sq ft new impermeable surface*				
58	SFDB	2923 LOMITA RD	A	051-194-006	6/1/2009	R-SFR	SFDBCON	**MST2009-00274**	*Tier 2 Basic BMP*	*> 500 sq ft new impermeable surface, not in HDD*				
59	HLC	102 W PEDREGOSA ST	A	025-363-011	6/29/2009	R-MULTI, 4 UNITS	HLCFUL	**MST2009-00307**	*Tier 2 Basic BMP*	*compliance verified - Provided: permeable paving and landscape consideration*				
60	HLC	1935 STATE ST	A	025-371-007	6/29/2009	C-ALTS	HLCCON	**MST2009-00310**	*Tier 2 Basic BMP*	*prior to issuance of building permit*				
61	SFDB	602 E CALLE LAURELES	A	055-160-049	7/2/2009	R-DECK CONVERS	SFDBCON	**MST2009-00319**	*Tier 2 Basic BMP*	*< 500 sq ft new or replaced impermeable surface*				
62	SFDB	1532 EUCALYPTUS HILL RD	I	015-232-005	7/28/2009	R, ALTERTIONS	SFDBCON	**MST2009-00351**	*Tier 2 Basic BMP*	*< 500 sq ft new impermeable surface*				
63	HLC	1324 STATE G	A	039-132-015	7/29/2009	C-REMODEL	HLCCON	**MST2009-00354**	*Tier 2 Basic BMP*	*prior to BLD "I"*				
64	HLC	232 W MICHELTORENA ST	I	027-221-018	7/30/2009	MF RESID. MINOR	HLCCON	**MST2009-00358**	*Tier 2 Basic BMP*	*new roof on a tri-plex >500s.f. - BLD issued.*				
65	SFDB	722 CALLE ALELLA	I	041-381-003	8/10/2009	R-ALTERATION	SFDBCON	**MST2009-00366**	*Tier 2 Basic BMP*	*< 500 sq ft of new impermeable surface*				
66	ABR	2623 DE LA VINA ST	A	051-292-001	9/17/2009	COMM LS ALT	ABRCON	**MST2009-00417**	*Tier 2 Basic BMP*	*prior to issuance of BLD.*				
67	SFDB	913 ISLETA AVE	A	035-241-002	9/17/2009	R-SFR	SFDBCON	**MST2009-00418**	*Tier 2 Basic BMP*	*reroof in HDD*				
68	ABR	419 W PUEBLO ST	A	025-171-004	10/9/2009	LANDSCAPING AL	ABRCON	**MST2009-00460**	*Tier 2 Basic BMP*	*prior to issuance of BLD*				
69	ABR	3898 STATE ST	A	057-240-044	10/12/2009	C-NEW ATM/LAND	ABRCON	**MST2009-00463**	*Tier 2 Basic BMP*					
70	SFDB	954 ROBLE LN	I	019-251-016	10/20/2009	R-ADDITION	SFDBFUL	**MST2009-00481**	*Tier 2 Basic BMP*	*< 500 sq ft new impermeable surface*				
71	HLC	435 STATE ST	A	037-211-007	10/21/2009	C-ALT	HLCFUL	**MST2009-00484**	*Tier 2 Basic BMP*	*prior to building permit issuance - New or replaced area < 500 sq.ft. of site wor*				
72	SFDB	1435 KENWOOD RD	A	041-132-001	11/16/2009	R-ADDITION	SFDBCON	**MST2009-00516**	*Tier 2 Basic BMP*	*< 500 sq ft new and replaced impermeable surface*				
73	SFDB	2614 FOOTHILL LN	A	021-110-035	12/14/2009	R-MINOR ADDITIO	SFDBCON	**MST2009-00564**	*Tier 2 Basic BMP*	*second story addition only*				
74	ABR	3956 STATE ST	I	057-233-018	1/8/2009	C-LANDSCAPE	ABRCON	**MST2009-00012**	*Tier 2 Basic BMP*	*bp issued*				
75	HLC	201 E FIGUEROA ST	I	029-162-028	2/17/2009	C-NEW ADDITION	HLCFUL	**MST2009-00093**	*Tier 2 Basic BMP*	*bp already issued. See Read Note dated 2-10-10*				
76	SFDB	3515 MADRONA DR	I	053-313-006	2/26/2009	R-NEW	SFDBFUL	**MST2009-00117**	*Tier 2 Basic BMP*	*new SFR not in HDD*				

77	SFDB	1132 CRESTLINE DR	I	049-181-015	4/28/2009	R-RE-ROOF	SFDBCON	**MST2009-00213**	*Tier 2 Basic BMP*	*reroof >500 sq ft*				
78	ABR	911 DE LA VINA ST	I	039-312-006	6/29/2009	C-ALT	ABRCON	**MST2009-00312**	*Tier 2 Basic BMP*	*BLD issued*				
79	SFDB	1568 LAS CANOAS RD	I	021-082-032	2/19/2009	R-ADDITONS	SFDBFUL	**MST2009-00100**	*Tier 2 Basic BMP*	*prior to final approval < 500 sq ft of new impermeable surface*				
80	SFDB	3719 HITCHCOCK RANCH R	P	051-590-039	3/12/2009	R-ADDITION	SFDBFUL	**MST2009-00138**	*Tier 2 Basic BMP*	*prior to final approval < 500 sq ft of new impermeable surface*				
81	SFDB	117 E ISLAY ST	P	027-041-011	4/23/2009	R-2ND STORY ADD	SFDBFUL	**MST2009-00203**	*Tier 2 Basic BMP*	*prior to final approval > 500 and < 4000 sq ft new and replaced impermeable s*				
82	SFDB	1111 SAN ANDRES ST	P	039-192-033	9/10/2009	R/B-ADDITION	SFDBFUL	**MST2009-00411**	*Tier 2 Basic BMP*	*prior to final approval*				
83	UNA	1220 SHORELINE DR	P	045-214-020	11/11/2009	R-ADDITION	SFDBFUL	**MST2009-00512**	*Tier 2 Basic BMP*	*prior to final approval > 500 sq ft new and replaced impermeable surface, not i*				
84	ABR	13 S SOLEDAD ST	PA	017-183-018	6/3/2009	MULTI-FAM ALT	ABRFUL	**MST2009-00278**	*Tier 2 Basic BMP*	*prior to final approval*				
85	ABR	920 E ORTEGA ST	PA	031-182-004	10/20/2009	R-NEW	ABRFUL	**MST2009-00480**	*Tier 2 Basic BMP*	*prior to final approval*				
86	UNA	214 SELROSE LN	W	041-363-011	10/6/2009	R-ADDITION	SFDBFUL	**MST2009-00451**	*Tier 2 Basic BMP*	*prior to final approval - second story project < 4000 sq ft total*				
87	ABR	3790 STATE ST	A	053-300-025	1/5/2009	COMM ALT	ABRCON	**MST2009-00006**	*Tier 3 Exempt*					
88	TB	1435 SYCAMORE CANYON	A	019-320-019	1/5/2009	SFR-ADDN	SFDBFUL	**MST2009-00007**	*Tier 3 Exempt*	*no change to impermeable surfaces*				
89	HLC	340 W CARRILLO ST	A	039-262-036	1/13/2009	C-MINOR ALTERAT	HLCCON	**MST2009-00017**	*Tier 3 Exempt*					
90	ABR	822 N MILPAS ST	A	031-051-021	1/14/2009	COMM	ABRCON	**MST2009-00021**	*Tier 3 Exempt*					
91	SFDB	47 RINCON VISTA RD	A	019-282-020	1/14/2009	R-ALTERATIONS	SFDBCON	**MST2009-00023**	*Tier 3 Exempt*	*no impermeable surface for retaining wall project at Tea Fire rebuild*				
92	SFDB	68 ALAMEDA PADRE SERR	A	015-151-011	1/26/2009	R-SFR	SFDBCON	**MST2009-00044**	*Tier 3 Exempt*					
93	SFDB	215 CEDAR LN	A	015-010-029	1/29/2009	R-SFR	SFDBCON	**MST2009-00055**	*Tier 3 Exempt*	*no change to impermeable surface*				
94	SFDB	1105 LAS ALTURAS RD	A	019-113-020	2/3/2009	R-TEA FIRE	SFDBCON	**MST2009-00059**	*Tier 3 Exempt*	*< 500 sq ft of new impermeable surface for Tea Fire rebuild*				
95	HLC	516 STATE ST	A	037-173-037	2/4/2009	C-MINOR EXT ALT	HLCCON	**MST2009-00063**	*Tier 3 Exempt*					
96	ABR	3735 STATE ST	A	051-590-033	2/4/2009	C-ALTERATION	ABRCON	**MST2009-00064**	*Tier 3 Exempt*					
97	ABR	175 S LA CUMBRE LN	A	051-031-002	2/11/2009	R-ALTERATIONS	ABRCON	**MST2009-00077**	*Tier 3 Exempt*					
98	ABR	3232 STATE ST	A	053-332-028	2/17/2009	C-ALTERATION	ABRCON	**MST2009-00089**	*Tier 3 Exempt*					
99	ABR	150 S LA CUMBRE RD	A	051-032-002	2/18/2009	GAS STATION UPG	ABRCON	**MST2009-00094**	*Tier 3 Exempt*					
100	ABR	2234 DE LA VINA ST	A	025-183-001	2/18/2009	GAS STATION UPG	ABRCON	**MST2009-00095**	*Tier 3 Exempt*					
101	SGG	19 W CARRILLO ST	A	039-321-003	2/19/2009	C-ALT	HLCCON	**MST2009-00097**	*Tier 3 Exempt*					
102	SFDB	225 VISTA DEL MAR DR	A	047-061-024	2/19/2009	R-LANDSCAPE CH	SFDBCON	**MST2009-00099**	*Tier 3 Exempt*	*no change to impermeable surface*				
103	SFDB	1510 W MOUNTAIN DR	A	021-050-014	2/25/2009	R-TEA FIRE	SFDBCON	**MST2009-00112**	*Tier 3 Exempt*					
104	SFDB	669 COYOTE RD	A	021-141-004	2/26/2009	R-TEA FIRE	SFDBCON	**MST2009-00115**	*Tier 3 Exempt*	*< 500 sq ft of new and replaced impermeable surface at Tea Fire rebuild of gar*				
105	HLC	0-300 W CABRILLO BLVD.	A	033-120-018	2/26/2009	PUBLIC ART	HLCFUL	**MST2009-00118**	*Tier 3 Exempt*					
106	TB	149 RAMETTO RD	A	015-211-014	3/2/2009	R-EXT ALT	SFDBCON	**MST2009-00121**	*Tier 3 Exempt*	*no change to impermeable surfaces*				
107	ABR	1502 SAN ANDRES ST	A	043-251-017	3/3/2009	C-ALTERATION	ABRCON	**MST2009-00124**	*Tier 3 Exempt*					
108	HLC	916 STATE ST	A	039-322-052	3/4/2009	C-ALTERATIONS	HLCCON	**MST2009-00127**	*Tier 3 Exempt*					
109	HLC	500 ANACAPA ST	A	031-201-031	3/5/2009	C-ALTS	HLCCON	**MST2009-00128**	*Tier 3 Exempt*					
110	ABR	3820 STATE ST	A	057-240-052	3/9/2009	COMM	ABRCON	**MST2009-00131**	*Tier 3 Exempt*					
111	HLC	721 CHAPALA ST	A	037-082-006	3/9/2009	MIXED USE - ALT	HLCCON	**MST2009-00132**	*Tier 3 Exempt*					
112	HLC	314 E CARRILLO ST	A	029-301-002	3/9/2009	C-ALTERATIONS	HLCCON	**MST2009-00133**	*Tier 3 Exempt*					
113	HLC	1014 STATE ST	A	039-282-027	3/9/2009	C-ALTS	HLCCON	**MST2009-00134**	*Tier 3 Exempt*					
114	HLC	2030 ALAMEDA PADRE SERI	A	019-163-004	3/12/2009	C-ALT	HLCCON	**MST2009-00137**	*Tier 3 Exempt*					
115	ABR	272 CALLE ESPERANZA	A	051-610-029	3/13/2009	R- ALTERATION	ABRCON	**MST2009-00142**	*Tier 3 Exempt*					
116	ABR	228 W ALAMAR AVE	A	051-213-010	3/17/2009	R-LANDSCAPING	ABRCON	**MST2009-00147**	*Tier 3 Exempt*					
117	ABR	1500 COOK PL	A	073-307-0BL	3/19/2009	C- ELECT SERVICE	HLCCON	**MST2009-00150**	*Tier 3 Exempt*					

118	SFDB	669 CIRCLE DR	A	013-121-004	3/23/2009	R-SFR	SFDBCON	**MST2009-00152**	*Tier 3 Exempt*	*no increase in impermeable surface at Tea Fire repair project*				
119	SFDB	1957 STANWOOD DR	A	019-050-001	3/23/2009	R-TEA FIRE	SFDBCON	**MST2009-00153**	*Tier 3 Exempt*	*< 500 sq ft increase in impermeable surface for Tea Fire rebuild*				
120	ABR	1627 GARDEN ST	A	027-192-007	3/25/2009	R-METER	ABRCON	**MST2009-00158**	*Tier 3 Exempt*					
121	ABR	3957 STATE ST	A	051-010-021	3/25/2009	C/B-ALTERATION	ABRCON	**MST2009-00159**	*Tier 3 Exempt*					
122	SFDB	845 SEA RANCH DR	A	047-103-004	3/26/2009	R-AS-BUILT DECK	SFDBCON	**MST2009-00162**	*Tier 3 Exempt*					
123	SFDB	950 COYOTE RD	A	021-062-005	4/1/2009	R-TEA FIRE	SFDBCON	**MST2009-00168**	*Tier 3 Exempt*	*No expansion of impermeable surface area for Tea Fire rebuild*				
124	HLC	101 W CARRILLO ST	A	039-313-006	4/6/2009	C-ALTERATION	HLCCON	**MST2009-00171**	*Tier 3 Exempt*					
125	ABR	3898 STATE ST	A	057-240-044	4/6/2009	C-ALT	ABRCON	**MST2009-00172**	*Tier 3 Exempt*					
126	TB	646 LAS ALTURAS RD	A	019-282-006	4/6/2009	R-TEA FIRE	SFDBCON	**MST2009-00175**	*Tier 3 Exempt*	*No expansion of impermeable surface for Tea Fire rebuild*				
127	HLC	118 E ORTEGA ST	A	031-151-002	4/7/2009	C-ALTERATION	HLCCON	**MST2009-00177**	*Tier 3 Exempt*					
128	ABR	528 ANACAPA ST	A	031-201-029	4/7/2009	COMM ALTERATI(	ABRCON	**MST2009-00178**	*Tier 3 Exempt*					
129	SFDB	2224 GIBRALTAR RD	A	021-180-004	4/9/2009	R-TEA FIRE	SFDBFUL	**MST2009-00180**	*Tier 3 Exempt*					
130	ABR	1929 CLIFF DR	A	045-015-016	4/9/2009	C-VAPOR RECOVE	ABRCON	**MST2009-00181**	*Tier 3 Exempt*					
131	SFDB	265 CONEJO RD	A	019-041-008	4/9/2009	R- TEA FIRE NEW S	SFDBCON	**MST2009-00183**	*Tier 3 Exempt*	*< 500 sq ft increase in impermeable surface for Tea Fire rebuild*				
132	SFDB	528 ALAMEDA PADRE SERI	A	019-333-014	4/10/2009	R-SFR	SFDBCON	**MST2009-00184**	*Tier 3 Exempt*	*no change to impermeable surface*				
133	ABR	1298 COAST VILLAGE RD	A	009-230-043	4/13/2009	C-ALTERATION	ABRCON	**MST2009-00186**	*Tier 3 Exempt*					
134	HLC	1302 STATE ST	A	039-133-011	4/14/2009	C- AWNING	HLCCON	**MST2009-00190**	*Tier 3 Exempt*					
135	ABR	3768 STATE ST	A	053-300-034	4/14/2009	C-AWNING	ABRCON	**MST2009-00191**	*Tier 3 Exempt*					
136	HLC	1221 STATE ST	A	039-182-018	4/23/2009	C-ALTERATION	HLCFUL	**MST2009-00201**	*Tier 3 Exempt*					
137	ABR	3855 STATE ST	A	051-010-010	4/28/2009	C-ALTERATIONS	ABRFUL	**MST2009-00210**	*Tier 3 Exempt*					
138	ABR	1096 COAST VILLAGE RD	A	009-221-006	4/29/2009	SIGNS	ABRCON	**MST2009-00214**	*Tier 3 Exempt*					
139	TB	1967 STANWOOD DR	A	019-050-002	4/30/2009	R-TEA FIRE REBUI	SFDBCON	**MST2009-00219**	*Tier 3 Exempt*	*no increase in impermeable surface for Tea Fire rebuild*				
140	SFDB	850 W MOUNTAIN DR	A	021-050-020	5/4/2009	R-TEA FIRE REBUI	SFDBCON	**MST2009-00221**	*Tier 3 Exempt*	*No expansion for Tea Fire rebuild*				
141	ABR	201 S MILPAS ST	A	017-251-020	5/4/2009	SIGN-WALL & FAC	ABRCON	**MST2009-00222**	*Tier 3 Exempt*					
142	TB	1590 ALAMEDA PADRE SER	A	019-183-017	5/4/2009	RES-ALT	SFDBCON	**MST2009-00228**	*Tier 3 Exempt*	*no change to impermeable surface*				
143	SFDB	638 LAS ALTURAS RD	A	019-282-033	5/5/2009	R-TEA FIRE	SFDBCON	**MST2009-00229**	*Tier 3 Exempt*	*< 500 sq ft new impermeable surface for Tea Fire rebuild*				
144	SFDB	1480 LOU DILLON LN	A	015-202-040	5/5/2009	R-WINDOWS/DOOI	SFDBCON	**MST2009-00231**	*Tier 3 Exempt*	*no change to impermeable surface*				
145	HLC	801 GARDEN ST	A	031-012-029	5/7/2009	C-ALTERATIONS	HLCCON	**MST2009-00237**	*Tier 3 Exempt*					
146	HLC	130 E CARRILLO ST	A	029-410-001	5/12/2009	C-REPAINT	HLCCON	**MST2009-00241**	*Tier 3 Exempt*					
147	SFDB	660 LAS ALTURAS RD	A	019-282-026	5/12/2009	R-TEA FIRE	SFDBFUL	**MST2009-00244**	*Tier 3 Exempt*	*No increase in impermeable surfaces for Tea Fire rebuild*				
148	SFDB	746 WESTMONT RD	A	013-103-003	5/18/2009	R-SFR	SFDBCON	**MST2009-00251**	*Tier 3 Exempt*	*vertical structure and raised deck*				
149	JAL	632 STATE ST	A	037-132-017	5/18/2009	C-ALTERATION	HLCCON	**MST2009-00252**	*Tier 3 Exempt*					
150	JAL	50 RINCON VISTA RD	A	019-282-019	5/19/2009	R-TEA FIRE	SFDBCON	**MST2009-00260**	*Tier 3 Exempt*	*< 500 sq ft new impermeable area for Tea Fire rebuild*				
151	ABR	3804 STATE ST	A	057-240-055	5/28/2009	C-ATM	ABRCON	**MST2009-00273**	*Tier 3 Exempt*					
152	SFDB	931 COYOTE RD	A	021-061-013	6/3/2009	R-TEA FIRE	SFDBCON	**MST2009-00279**	*Tier 3 Exempt*	*< 500 sq ft increase in impermeable surfaces for Tea Fire rebuild*				
153	SFDB	311 SHERMAN RD	A	019-050-023	6/9/2009	TEA FIRE PRE APP	SFDBCON	**MST2009-00282**	*Tier 3 Exempt*	*< 500 sq ft increase in impermeable surfaces for Tea Fire rebuild, project has a*				
154	SFDB	1217 1/2 GILLESPIE ST	A	035-011-009	6/11/2009	R/A-ADDITION	SFDBCON	**MST2009-00284**	*Tier 3 Exempt*	*no change to impermeable surfaces*				
155	HLC	509 STATE ST	A	037-172-009	6/17/2009	C-ALT	HLCFUL	**MST2009-00290**	*Tier 3 Exempt*					
156	SFDB	1002 COYOTE RD	A	021-062-001	6/19/2009	R-TEA FIRE	SFDBCON	**MST2009-00293**	*Tier 3 Exempt*					
157	SFDB	684 CIRCLE DR	A	013-122-002	6/19/2009	TEA FIRE SFR	SFDBCON	**MST2009-00295**	*Tier 3 Exempt*	*< 500 sq ft increase in impermeable surfaces for Tea Fire rebuild*				
158	ABR	15 OCEAN VIEW AVE	A	015-291-003	6/22/2009	C-REPAIR	ABRCON	**MST2009-00296**	*Tier 3 Exempt*					

159	SFDB	933 W MOUNTAIN DR	A	021-180-002	6/24/2009	TEA FIRE REBUILD	SFDBCON	**MST2009-00305**	*Tier 3 Exempt*	*No increase in impermeable surfaces for Tea Fire rebuild*				
160	ABR	322 LADERA ST	A	037-222-033	6/25/2009	RE-SURFACE PARK	ABRCON	**MST2009-00306**	*Tier 3 Exempt*					
161	HLC	437 STATE ST	A	037-211-006	6/29/2009	R-COMM	HLCCON	**MST2009-00308**	*Tier 3 Exempt*					
162	SFDB	955 COYOTE RD	A	021-061-008	6/29/2009	R-SFR	HLCCON	**MST2009-00309**	*Tier 3 Exempt*	*No increase in impermeable surfaces for Tea Fire rebuild*				
163	SFDB	119 ALAMEDA PADRE SERI	A	015-192-002	6/30/2009	R-SFR	SFDBCON	**MST2009-00315**	*Tier 3 Exempt*	*reduction of impermeable surface*				
164	SFDB	424 LAS ALTURAS RD	A	019-312-006	6/30/2009	R-WALL	SFDBCON	**MST2009-00316**	*Tier 3 Exempt*	*No increase in impermeable surfaces for Tea Fire rebuild of retaining walls*				
165	HLC	811 SANTA BARBARA ST	A	031-011-008	7/1/2009	C-ALT	HLCFUL	**MST2009-00317**	*Tier 3 Exempt*					
166	SFDB	161 CONEJO RD	A	019-031-028	7/6/2009	R-TEA FIRE	SFDBCON	**MST2009-00320**	*Tier 3 Exempt*	*< 500 sq ft new impermeable surface for Tea Fire rebuild*				
167	ABR	421 N MILPAS ST	A	031-303-021	7/6/2009	COMM ALTS	ABRFUL	**MST2009-00321**	*Tier 3 Exempt*	*cosmetic alterations*				
168	SFDB	48 CHASE DR	A	015-020-002	7/7/2009	R-RE-ROOF	SFDBCON	**MST2009-00322**	*Tier 3 Exempt*	*no change to impermeable surface*				
169	HLC	924 ANACAPA ST	A	029-291-018	7/9/2009	C-ALT	HLCCON	**MST2009-00328**	*Tier 3 Exempt*	*fence*				
170	ABR	428 E HALEY ST	A	031-283-015	7/9/2009	C-ADDN	ABRCON	**MST2009-00330**	*Tier 3 Exempt*					
171	SFDB	545 CONEJO RD	A	019-062-002	7/14/2009	TEA FIRE PRE APP	SFDBCON	**MST2009-00333**	*Tier 3 Exempt*	*No increase in impermeable surfaces for Tea Fire rebuild*				
172	SFDB	2190 MOUNT CALVARY RD	A	021-040-017	7/21/2009	R-TEA FIRE	SFDBCON	**MST2009-00344**	*Tier 3 Exempt*					
173	SFDB	27 RUBIO RD	A	029-341-012	7/22/2009	R-ADD	SFDBCON	**MST2009-00346**	*Tier 3 Exempt*	*reduction of impermeable surface*				
174	HLC	718 STATE ST	A	037-092-021	7/23/2009	C-ALTERATIONS	HLCCON	**MST2009-00347**	*Tier 3 Exempt*					
175	HLC	1302 STATE ST	A	039-133-011	7/27/2009	C-ALTERATIONS	HLCCON	**MST2009-00349**	*Tier 3 Exempt*					
176	SFDB	803 RAMETTO LN	A	015-120-010	7/29/2009	R-MAJOR ADDITIO	SFDBFUL	**MST2009-00355**	*Tier 3 Exempt*	*> 500 sq ft new or replaced impermeable surface*				
177	HLC	21 E VICTORIA ST	A	039-133-013	7/29/2009	NR-ROOF EQUIPMI	HLCCON	**MST2009-00357**	*Tier 3 Exempt*	*replacing existing roof top equip. in same location.*				
178	TB	1525 LAS CANOAS RD	A	021-110-009	8/3/2009	MINOR EXT ALTS	SFDBCON	**MST2009-00360**	*Tier 3 Exempt*	*no change to impermeable surface*				
179	ABR	3768 STATE ST	A	053-300-034	8/4/2009	C-MINOR ALTERA	ABRCON	**MST2009-00363**	*Tier 3 Exempt*					
180	HLC	1316 STATE ST	A	039-133-001	8/5/2009	C-ALT	HLCFUL	**MST2009-00364**	*Tier 3 Exempt*	*cosmetic alterations*				
181	SFDB	1001 COYOTE RD	A	021-061-003	8/6/2009	R-SFR	SFDBCON	**MST2009-00365**	*Tier 3 Exempt*	*Reduction in impermeable surfaces for Tea Fire rebuild*				
182	SFDB	123 CONEJO RD	A	019-043-001	8/10/2009	R-TEA FIRE REBUI	SFDBCON	**MST2009-00368**	*Tier 3 Exempt*	*< 500 sq ft increase in impermeable surfaces for Tea Fire rebuild*				
183	SFDB	2131 STANWOOD DR	A	019-041-029	8/12/2009	R-TEA FIRE REBUI	SFDBCON	**MST2009-00369**	*Tier 3 Exempt*	*No increase in impermeable surfaces for Tea Fire rebuild*				
184	HLC	CITY PARKING LOT #9	A	039-322-052	8/26/2009	C-MINOR ALT	HLCFUL	**MST2009-00387**	*Tier 3 Exempt*					
185	SFDB	1135 CALLE DEL SOL	A	041-092-008	8/27/2009	R/A-ALTERATION	SFDBCON	**MST2009-00389**	*Tier 3 Exempt*	*no change to impermeable surface*				
186	SFDB	1010 ROBLE LN	A	019-241-026	9/2/2009	R-ALTERATION	SFDBCON	**MST2009-00396**	*Tier 3 Exempt*	*no change to impermeable surface*				
187	HLC	213 PASEO NUEVO	A	037-400-002	9/3/2009	C-FACADE REMOD	HLCCON	**MST2009-00400**	*Tier 3 Exempt*	*facade remodel*				
188	HLC	424 STATE ST	A	037-212-025	9/8/2009	C/A-FIRE LINE	HLCCON	**MST2009-00404**	*Tier 3 Exempt*					
189	HLC	1127 STATE ST	A	039-231-037	9/9/2009	C-MINOR ALTERA	HLCCON	**MST2009-00406**	*Tier 3 Exempt*					
190	HLC	702 ANACAPA ST	A	031-081-012	9/9/2009	C-NEW TRELLIS ST	HLCFUL	**MST2009-00407**	*Tier 3 Exempt*					
191	SFDB	1027 ALAMEDA PADRE SER	A	029-341-019	9/16/2009	R-RETAINING WAI	SFDBCON	**MST2009-00416**	*Tier 3 Exempt*	*No change of impermeable surface*				
192	HLC	1127 STATE ST	A	039-231-037	9/22/2009	C-ALTERATIONS	HLCCON	**MST2009-00426**	*Tier 3 Exempt*					
193	SFDB	1669 LAS CANOAS RD	A	021-071-009	9/22/2009	JESUSITA FIRE	SFDBCON	**MST2009-00428**	*Tier 3 Exempt*	*< 500 sq ft increase in impermeable area for Jesusita Fire project*				
194	ABR	126 E HALEY ST	A	031-271-026	9/25/2009	C-NEW SECURITY	ABRCON	**MST2009-00433**	*Tier 3 Exempt*					
195	ABR	3979 STATE ST	A	051-010-021	9/28/2009	C-ALT	ABRCON	**MST2009-00435**	*Tier 3 Exempt*					
196	HLC	536 STATE ST	A	037-173-001	10/1/2009	COMM/ALT	HLCCON	**MST2009-00444**	*Tier 3 Exempt*					
197	ABR	336 ANACAPA ST	A	031-331-001	10/5/2009	C-ALTERATIONS	ABRCON	**MST2009-00450**	*Tier 3 Exempt*					
198	HLC	205 E CARRILLO ST	A	029-212-028	10/9/2009	C-REPAINT	HLCCON	**MST2009-00461**	*Tier 3 Exempt*					
199	HLC	525 STATE ST	A	037-172-002	10/12/2009	C-MINOR EXT ALT	HLCCON	**MST2009-00465**	*Tier 3 Exempt*					

200	SFDB	1978 LAS CANOAS RD	A	021-030-020	10/20/2009	R-ALTERATION	SFDBCON	**MST2009-00479**	*Tier 3 Exempt*	*< 500 sq ft increase for Jesusita Fire project*			
201	SFDB	715 CIRCLE DR	A	013-101-006	11/5/2009	TEA FIRE PRE APP	SFDBCON	**MST2009-00504**	*Tier 3 Exempt*	*< 500 sq ft increase for Tea Fire project*			
202	ABR	30 S QUARANTINA ST	A	017-113-031	11/12/2009	C-CNG FUELING SI	ABRCON	**MST2009-00513**	*Tier 3 Exempt*	*Appendix J - Above ground fuel storage tanks.*			
203	SFDB	849 CIMA LINDA LN	A	015-202-029	11/16/2009	R-ALTERATION	SFDBCON	**MST2009-00518**	*Tier 3 Exempt*	*no new or replaced impermeable surface*			
204	SFDB	900 LAS ALTURAS RD	A	019-142-005	11/23/2009	R-TEA FIRE	SFDBCON	**MST2009-00535**	*Tier 3 Exempt*	*Retaining wall only; rebuild of SFR under separate application*			
205	ABR	935 SAN ANDRES ST	A	039-242-013	12/3/2009	C-STOCK PILING	ABRCON	**MST2009-00548**	*Tier 3 Exempt*				
206	ABR	403 E MONTECITO ST	A	031-343-010	12/9/2009	C-WIRELESS FACIL	ABRFUL	**MST2009-00557**	*Tier 3 Exempt*	*New 10 sq.ft. chimney structure on the roof of an existing commercial building.*			
207	ABR	949 VERONICA SPRINGS RI	A	049-040-022	12/10/2009	R-WIRELESS FACIL	ABRFUL	**MST2009-00561**	*Tier 3 Exempt*	*HDD area of work is <500s.f.*			
208	ABR	25 E MASON ST	A	033-082-012	12/15/2009	C-WIRELESS FACIL	ABRFUL	**MST2009-00567**	*Tier 3 Exempt*	*wireless facility; no new ground disturbance.*			
209	ABR	590 LAS POSITAS RD	A	047-010-049	12/15/2009	C-WIRELESS FACIL	ABRFUL	**MST2009-00568**	*Tier 3 Exempt*				
210	SFDB	446 LAS ALTURAS RD	A	019-282-011	12/18/2009	RESIDENTIAL	SFDBCON	**MST2009-00575**	*Tier 3 Exempt*				
211	HLC	401 W MONTECITO ST	I	033-022-020	1/13/2009	C- NEW CARBON C	HLCCON	**MST2009-00019**	*Tier 3 Exempt*				
212	HLC	607 PASEO NUEVO	I	037-400-002	1/14/2009	C- STOREFRONT R	HLCFUL	**MST2009-00022**	*Tier 3 Exempt*				
213	ABR	8 S MILPAS ST	I	017-165-012	1/15/2009	C-REMEDIATION	ABRCON	**MST2009-00026**	*Tier 3 Exempt*				
214	ABR	3060 STATE ST	I	053-342-032	1/15/2009	C-REMEDIATION	ABRCON	**MST2009-00027**	*Tier 3 Exempt*				
215	ABR	200 S MILPAS ST	I	017-240-014	1/15/2009	C-REMEDIATION	ABRCON	**MST2009-00029**	*Tier 3 Exempt*				
216	ABR	303 W CARRILLO ST	I	039-302-008	1/20/2009	C-ALTERATIONS	HLCCON	**MST2009-00034**	*Tier 3 Exempt*				
217	ABR	22 N CALLE CESAR CHAVEZ	I	017-030-015	1/29/2009	C-EXT ALT	ABRCON	**MST2009-00056**	*Tier 3 Exempt*				
218	SFDB	47 RINCON VISTA RD	I	019-282-020	2/3/2009	R-TEA FIRE	SFDBCON	**MST2009-00062**	*Tier 3 Exempt*	*Tier 3 Treatment triggered for additions under MST2009-00090*			
219	ABR	2837 DE LA VINA STREET	I	051-212-001	2/24/2009	C-EQUIPMENT	ABRCON	**MST2009-00106**	*Tier 3 Exempt*				
220	HLC	418 STATE ST	I	037-212-024	5/6/2009	C-ALTS	HLCFUL	**MST2009-00236**	*Tier 3 Exempt*				
221	JLI	WESTMONT RD	O	013-070-046	1/6/2009	R - TEA RECONSTI	SFDBCON	**MST2009-00008**	*Tier 3 Exempt*	*No increase in impermeable surface at Tea Fire rebuilds of multiple residences*			
222	SFDB	814 LARGURA PL	O	029-110-033	4/7/2009	RE-ROOF	SFDBCON	**MST2009-00176**	*Tier 3 Exempt*	*no new impermeable surface*			
223	HLC	0-1200 STATE STREET	P	051-021-0RW	6/18/2009	DONATION RECEP	HLCFUL	**MST2009-00291**	*Tier 3 Exempt*				
224	ABR	803 N MILPAS ST	P	031-042-028	7/29/2009	C- INTERIM USE	ABRFUL	**MST2009-00356**	*Tier 3 Exempt*	*temporary project; current project requires PC.*			
225	ABR	CITY-WIDE	P	000-000-0RW	8/10/2009	NR-ANT/EQT CABI	ABRFUL	**MST2009-00367**	*Tier 3 Exempt*				
226	SFDB	1464 LA CIMA RD	P	041-022-032	8/31/2009	B-ENF	SFDBFUL	**MST2009-00391**	*Tier 3 Exempt*	*permeable surfaces proposed*			
227	ABR	140 S HOPE AVE A-4	P	051-010-007	9/1/2009	COMM FACADE AI	ABRFUL	**MST2009-00394**	*Tier 3 Exempt*	*facade remodel*			
228	SFDB	44 CAMINO ALTO	P	019-150-017	9/2/2009	R-TEA FIRE REBUI	SFDBCON	**MST2009-00395**	*Tier 3 Exempt*	*Reduction in impermeable surfaces for Tea Fire partial rebuild*			
229	SFDB	885 MOUNTAIN DR	P	021-050-034	10/13/2009	R-NEW SFR	SFDBCON	**MST2009-00467**	*Tier 3 Exempt*	*< 500 sq ft increase for Tea Fire project*			
230	ABR	220 W MONTECITO ST	P	037-244-004	10/29/2009	WIRELESS	ABRFUL	**MST2009-00493**	*Tier 3 Exempt*				
231	ABR	130 S HOPE AVE D-12A	P	051-010-007	11/18/2009	C-STOREFRONT	ABRFUL	**MST2009-00523**	*Tier 3 Exempt*				
232	HLC	913 STATE ST	P	039-321-037	11/17/2009	C-MINOR ADDITIO	HLCFUL	**MST2009-00524**	*Tier 3 Exempt*				
233	HLC	1221 - 1235 STATE ST	P	039-182-002	11/20/2009	HLC-PAINT	HLCFUL	**MST2009-00526**	*Tier 3 Exempt*	*Appendix J*			
234	ABR	820 BOND AVE.	P	031-234-025	11/20/2009	WIRELESS FACILIT	ABRFUL	**MST2009-00527**	*Tier 3 Exempt*	*Less than 500 sq.ft. of new construction and located on the roof of an existing co*			
235	SFDB	2411 FOOTHILL LN	P	021-090-035	12/4/2009	R-ADDITION	SFDBFUL	**MST2009-00550**	*Tier 3 Exempt*	*Second-story only, no expansion of footprint*			
236	HLC	906 GARDEN ST	P	029-301-037	12/14/2009	COMM ALT	HLCFUL	**MST2009-00565**	*Tier 3 Exempt*				
237	ABR	1224 COAST VILLAGE CIR	P	009-291-013	12/15/2009	C-WIRELESS FACIL	ABRFUL	**MST2009-00569**	*Tier 3 Exempt*				
238	HLC	28 ANACAPA ST	PA	033-113-009	4/15/2009	EXT ALTERATION	HLCFUL	**MST2009-00193**	*Tier 3 Exempt*	*HLC portion*			
239	SFDB	1052 LAS ALTURAS RD	PA	019-130-031	5/27/2009	R-TEA FIRE REBUI	SFDBFUL	**MST2009-00270**	*Tier 3 Exempt*	*< 500 sq ft new impermeable area for Tea Fire rebuild*			
240	ABR	3222 STATE ST	PA	053-332-031	8/20/2009	FACADE ALT	ABRCON	**MST2009-00377**	*Tier 3 Exempt*				

241	SFDB	444 LAS ALTURAS RD	PA	019-282-010	9/10/2009	TEA FIRE PRE APP	SFDBCON	**MST2009-00410**	*Tier 3 Exempt*	*No increase in impermeable surfaces for Tea Fire rebuild*			
242	SFDB	333 CONEJO RD	PA	019-050-030	9/11/2009	TEA FIRE PRE APP	SFDBCON	**MST2009-00412**	*Tier 3 Exempt*	*< 500 sq ft increase (approx 250 s f) in impermeable surfaces for Tea Fire rebu*			
243	SFDB	762 WESTMONT RD	PA	013-103-001	10/13/2009	R-NEW SFR	SFDBCON	**MST2009-00468**	*Tier 3 Exempt*	*< 500 sq ft increase for Tea Fire project*			
244	SFDB	289 EL CIELITO RD	PA	021-083-006	11/12/2009	R-TEA FIRE REBUI	SFDBCON	**MST2009-00515**	*Tier 3 Exempt*	*< 500 sq ft increase for Tea Fire project*			
245	SFDB	940 COYOTE RD	A	021-062-006	1/5/2009	R-TEA FIRE	SFDBCON	**MST2009-00001**	*Tier 3 Treatment*	*Compliance noted on plans at FA.*			
246	HLC	2300 GARDEN ST	I	025-140-024	1/6/2009	NONRES-ALTS	HLCFUL	**MST2009-00009**	*Tier 3 Treatment*	*bp issued*			
247	ABR	2917 DE LA VINA ST	I	051-202-006	1/12/2009	COMM/ALT	ABRCON	**MST2009-00014**	*Tier 3 Treatment*	*bp already issued*			
248	SFDB	2140 MOUNT CALVARY RD	A	021-040-016	2/5/2009	R-TEA FIRE	SFDBCON	**MST2009-00066**	*Tier 3 Treatment*	*Triggered for new patio areas for Tea Fire rebuild project*			
249	ABR	5 S NOPAL ST	A	017-163-006	2/10/2009	NEW COMMERCIA	ABRFUL	**MST2009-00075**	*Tier 3 Treatment*	*prior to BP issuance*			
250	SFDB	47 RINCON VISTA RD	A	019-282-020	2/17/2009	R/A-TF-REBUILD	SFDBCON	**MST2009-00090**	*Tier 3 Treatment*	*Triggered, not yet completed, project has C of O*			
251	SFDB	114 CONEJO RD	A	019-042-008	2/24/2009	R-TEA FIRE	SFDBCON	**MST2009-00109**	*Tier 3 Treatment*	*Triggered, not yet completed*			
252	SFDB	1689 FRANCESCHI RD	A	019-021-019	3/13/2009	R-DEMO & REBUIL	SFDBFUL	**MST2009-00141**	*Tier 3 Treatment*	*demo & rebuild SFR in HDD*			
253	SFDB	656 LAS ALTURAS RD	I	019-282-005	3/30/2009	R-TEA FIRE	SFDBCON	**MST2009-00166**	*Tier 3 Treatment*	*Triggered, not yet completed*			
254	HLC	532 1/2 STATE ST	I	037-173-028	4/16/2009	C-ALT	HLCCON	**MST2009-00194**	*Tier 3 Treatment*	*building permit already issued*			
255	SFDB	733 ALTURAS DEL SOL	I	019-113-048	5/4/2009	R-POOL	SFDBCON	**MST2009-00226**	*Tier 3 Treatment*	*see Creeks Division activity in case*			
256	ABR	3759 STATE ST	I	051-040-053	5/4/2009	C-ALTERATIONS	ABRFUL	**MST2009-00227**	*Tier 3 Treatment*	*building permit already issued*			
257	ABR	435 E HALEY ST	A	031-212-026	5/5/2009	C/A-ALTERATION	ABRCON	**MST2009-00232**	*Tier 3 Treatment*	*prior to building permit issuance*			
258	HLC	318 STATE ST	A	037-254-020	5/13/2009	C-DEMO & ALTER	HLCFUL	**MST2009-00245**	*Tier 3 Treatment*	*prior to building permit issuance*			
259	ABR	29 N MILPAS ST	I	017-123-014	5/19/2009	C/C-ADDITION	ABRCON	**MST2009-00259**	*Tier 3 Treatment*	*building permit already issued*			
260	ABR	418 N MILPAS ST	A	031-311-033	5/28/2009	C- MINOR REMODI	ABRFUL	**MST2009-00271**	*Tier 3 Treatment*	*prior to building permit issuance*			
261	SFDB	911 ALSTON RD	A	015-174-011	6/23/2009	R-MIN ADDITION,I	SFDBCON	**MST2009-00301**	*Tier 3 Treatment*	*> 500 sq ft replaced impermeable surface*			
262	SFDB	646 JUANITA AVE	A	035-123-009	6/23/2009	R-ADDITION	SFDBCON	**MST2009-00302**	*Tier 3 Treatment*	*> 500 sq ft new and replaced impermeable surface*			
263	SFDB	937 ROBLE LN	I	019-252-003	7/20/2009	SFR-ALTS	SFDBFUL	**MST2009-00343**	*Tier 3 Treatment*	*> 500 sq ft new impermeable surface*			
264	SFDB	2310 SKYLINE WAY	A	041-371-001	8/4/2009	R-SFR, 1 UNIT	SFDBCON	**MST2009-00362**	*Tier 3 Treatment*	*required under MST2009-00437*			
265	ABR	421 N MILPAS ST	I	031-303-021	8/31/2009	C-ADDITON & ALT	ABRFUL	**MST2009-00393**	*Tier 3 Treatment*	*notified at Prelim plan check*			
266	SFDB	1325 W MOUNTAIN DR	A	021-050-027	9/3/2009	R-TEA FIRE	SFDBCON	**MST2009-00398**	*Tier 3 Treatment*	*Triggered, not yet completed*			
267	SFDB	860 W MOUNTAIN DR	I	021-050-019	9/21/2009	TEA FIRE PRE APP	SFDBCON	**MST2009-00425**	*Tier 3 Treatment*	*Triggered, not completed, was 2269 sq ft gross, Tea Fire rebuild is 3038 sq ft gı*			
268	SFDB	2310 SKYLINE WAY	A	041-371-001	9/29/2009	SFR ADD	SFDBCON	**MST2009-00437**	*Tier 3 Treatment*	*> 500 sq ft replaced impermeable surface*			
269	SFDB	1444 JESUSITA LN	A	055-240-015	10/12/2009	R-POOL AND SPA	SFDBCON	**MST2009-00462**	*Tier 3 Treatment*	*> 500 sq ft new impermeable surface*			
270	SMR	1229 BEL AIR DR	A	049-210-002	11/5/2009	R/A-SITE WORK	SFDBCON	**MST2009-00503**	*Tier 3 Treatment*	*> 500 sq ft new impermeable surface*			
271	SFDB	2108 GIBRALTAR RD	A	021-050-028	11/30/2009	TEA FIRE REBUILI	SFDBCON	**MST2009-00543**	*Tier 3 Treatment*	*Triggered, not completed yet*			
272	SFDB	805 MIRAMONTE DR	A	035-050-032	12/7/2009	R-ALTERATIONS	SFDBCON	**MST2009-00554**	*Tier 3 Treatment*	*> 500 sq ft new and replaced impermeable surface*			
273	ABR	506 E HALEY ST	A	031-291-002	12/16/2009	C-ADDITION	ABRCON	**MST2009-00572**	*Tier 3 Treatment*	*prior to building permit issuance*			
274	ABR	1818 CLIFF DR	I	035-150-007	1/13/2009	R-NEW ADDITION	ABRCON	**MST2009-00018**	*Tier 3 Treatment*	*bp issued*			
275	SFDB	1253 DOVER LN	I	019-220-024	1/28/2009	SFR/ADDN & ALT	SFDBFUL	**MST2009-00053**	*Tier 3 Treatment*	*> 500 sq ft of new impermeable surface*			
276	SFDB	1555 ALAMEDA PADRE SER	P	027-151-008	1/16/2009	R-ADDITION	SFDBFUL	**MST2009-00033**	*Tier 3 Treatment*	*> 500 sq. ft. new impermeable surface*			
277	SFDB	119 CEDAR LN	P	015-092-005	2/4/2009	SFR ADDITION	SFDBFUL	**MST2009-00065**	*Tier 3 Treatment*	*prior to final approval > 500 sq ft of new and replaced impermeable surface*			
278	SFDB	1240 SANTA TERESITA DR	P	055-141-038	3/26/2009	R-AS-BUILT ADDIT	SFDBFUL	**MST2009-00163**	*Tier 3 Treatment*	*prior to final approval > 500 sq ft new impermeable surface*			
279	SFDB	1540 KNOLL CIRCLE DR	P	015-142-004	7/13/2009	R-NEW HOUSE	SFDBFUL	**MST2009-00331**	*Tier 3 Treatment*	*prior to final approval > 500 sq ft new impermeable surface*			
280	SFDB	1595 LA VISTA DEL OCEAN	P	035-170-029	10/29/2009	R-ACCESSORY STI	SFDBFUL	**MST2009-00494**	*Tier 3 Treatment*	*prior to final approval > 500 sq ft new and replaced impermeable surface*			
281	SFDB	557 ARROYO AVE	P	035-253-025	12/3/2009	R-ADDITION	SFDBFUL	**MST2009-00549**	*Tier 3 Treatment*	*prior to final approval > 500 sq ft new and replaced impermeable surface*			

282	SFDB	1935 E LAS TUNAS RD	P	019-083-006	12/14/2009	HARD/LS ALTS	SFDBFUL	**MST2009-00563**	*Tier 3 Treatment*	*prior to final approval > 500 sq ft replaced or new impermeable surface*				
283	SFDB	3750 MERU LN	PA	057-262-011	2/3/2009	R-NEW SFR	SFDBFUL	**MST2009-00060**	*Tier 3 Treatment*	*demo & rebuild SFR adjacent to creek*				
284	TB	960 W MOUNTAIN DR	PA	021-050-057	3/19/2009	R-NEW SFR	SFDBFUL	**MST2009-00149**	*Tier 3 Treatment*	*new SFR on vacant lot in HDD*				
285	SFDB	1565 W VALERIO ST	PA	041-071-040	7/9/2009	SFR-ADDITION	SFDBFUL	**MST2009-00326**	*Tier 3 Treatment*	*> 500 sq ft new and replaced impermeable surface*				
286	SFDB	2510 MESA SCHOOL LN	PA	041-292-035	11/9/2009	R-DEMO/REBUILD	SFDBFUL	**MST2009-00506**	*Tier 3 Treatment*	*> 4000 sq ft new impermeable surface*				
287	SFDB	241 CONEJO RD	PA	019-041-014	11/24/2009	R-TEA FIRE REBUI	SFDBCON	**MST2009-00537**	*Tier 3 Treatment*	*Triggered, not completed yet*				
288	SFDB	1933 EUCALYPTUS HILL RI	PA	015-040-029	11/30/2009	R-ADDITION	SFDBFUL	**MST2009-00538**	*Tier 3 Treatment*	*complied with reduction of impermeable surfaces, replacement of concrete with*				
289	SFDB	1510 DOVER RD	PA	019-191-011	11/30/2009	R-ADDITION	SFDBFUL	**MST2009-00539**	*Tier 3 Treatment*	*> 500 sq ft new and replaced impermeable surface*				
290	ABR	3763 STATE ST	PA	051-040-052	12/10/2009	C-DEMO AND ALT	ABRFUL	**MST2009-00560**	*Tier 3 Treatment*	*New commercial parking lot*				
291	SFDB	350 CONEJO RD	PCA	019-061-001	6/24/2009	R-TEA FIRE SFR	SFDBCON	**MST2009-00303**	*Tier 3 Treatment*	*Triggered, not yet completed*				
292	HLC	100 CASTILLO	A	033-120-021	9/30/2009	C-ALTERATIONS	HLCCON	**MST2009-00441**	*Tier 3 Treatment, Ra*	*prior to issuance of a bld.*				
293	HLC	1303 STATE ST	P	039-131-014	8/17/2009	C-ADDN/ALTS	HLCFUL	**MST2009-00371**	*Tier 3 Treatment, Ra*	*prior to final approval - commercial addition*				
294	UNA	526 SEA RANCH DR	P	047-021-017	10/5/2009	BLDG	SFDBFUL	**MST2009-00447**	*Tier 3 Treatment, Rate & Volume*	TBD				
295	UNA	1130 N MILPAS ST	P	029-201-004	12/4/2009	C-BOX OFFICE	ABRFUL	**MST2009-00551**	*Tier 3 Treatment, Ra*	*TBD*				

SUMMARY STATISTICS

Total Cases	**295**	**Case Status**			
		Pending	Approved	Issued	
TBD	4	4	0	0	
Tier 1 Voluntary	35	7	28	0	
Tier 2 BMP	47	7	22	18	
Tier 3 Exempt	158	22	124	12	
Tier 3 Treatment	51	19	20	12	
	295				

CASE STATUS LEGEND

Permit Issued without SWMP	29
No notification on SWMP	
SWMP Notification provided	
SWMP Compliance	

SWMP - Planning Commission and Staff Hearing Officer Approvals
Reporting Period: 1/1/09-12/31/09

March 3, 2010

Tier 1 Voluntary

28 W CABRILLO BLVD
741 CHAPALA ST
1600 COOK PL
601 FIRESTONE RD
302 E HALEY ST
500 N MILPAS ST
416 MONTGOMERY ST
1660 SHORELINE DR

Tier 2 Basic BMP

100 ADAMS RD
1927 EL CAMINO DE LA LUZ
6400 HOLLISTER AVE
631 OLIVE ST

Tier 2 Treatment, Rate & Volume

705 NORMAN FIRESTONE RD

Tier 3 Exempt

1730 CALLE PONIENTE
101 W CANON PERDIDO ST
1600 CECIL COOK PL
119 E COTA ST
401 W DE LA GUERRA ST
2215 EDGEWATER WAY
130 HARBOR WAY
860 JIMENO RD
317 N MILPAS ST
1631 SHORELINE DR
3885 STATE ST
825 W VICTORIA ST
716 N VOLUNTARIO ST
520 E YANONALI ST

Tier 3 Treatment

920 SUMMIT RD

Tier 3 Treatment, Rate & Volume

1712 ANACAPA ST
412 ANACAPA ST
617 BRADBURY AVE
203 CHAPALA ST
3339 CLIFF DR
436 CORONA DEL MAR DR
421 E COTA ST
226 EUCALYPTUS HILL DR
1900 LASUEN RD

230 LIGHTHOUSE RD
124 LOS AGUAJES AVE
505 W LOS OLIVOS ST
1109 LUNETA PZ
2515 MEDCLIFF RD
210 MEIGS RD
803 N MILPAS ST
618 SAN PASCUAL ST
110 W SOLA ST
3714 STATE ST
505 WENTWORTH AVE

City of Santa Barbara Development Application Review Team (DART)
Storm Water Management Plan (SWMP)

DART SWMP CHECKLIST

Project Address: _____ Project Type: _____

MST _____ PRT or DART:_____

Date: _____ Case Planner: _____

The following design standards and best management practices (BMP) for storm water management are required under National Pollution Discharge Elimination System (NPDES) provisions (State Regional Water Quality Control Board Phase II General Permit for the City). These measures are included in the City Storm Water Management Plan (SWMP) adopted to implement the NPDES requirements through the City development and redevelopment review and permitting process. The City is required to document to the Regional Board yearly how these measures have been implemented.

As part of a pre-application or application review process for a project discretionary permit by the City, DART members review for project design standards and other BMPs that can feasibly be taken to reduce storm water pollution to the maximum extent practicable.

Identify whether measures on the checklist are applicable, and whether they are applied through a project design revision prior to permit approval, and/or a condition of project approval. If the measure is not feasible, indicate why not.

1.0 CONSTRUCTION PHASE BEST MANAGEMENT PRACTICES

1.1 Erosion and Sedimentation Control (*Building and Safety*)

☐ Not applicable. Project does not involve ground disturbance.

_____

☐ Apply Standard Erosion Control Measures as condition (where disturbed soil <1 acre, slope <15%, property not adjacent to creek).

_____

☐ Detailed Erosion Control Plan required (disturbed soil ≥ 1 acre, slope > 15%, and/or property adjacent to creek):
__ Detailed Plan required as part of DART application. Apply condition requiring plan implementation; or
__ Apply condition requiring Detailed Plan submittal and approval prior to Building Permit, and plan implementation.

_____

2.0 POST-CONSTRUCTION BEST MANAGEMENT PRACTICES

2.1 Peak Storm Water Run-Off Discharge Rates *(Public Works)*

☐ Not applicable. Project involves no/minimal change in permeable surface or peak storm water run-off discharge rate. No BMPs required.

_____

☐ Drainage calculations are required as part of DART application (using County of Santa Barbara hydrograph data and Manning equation). __ Drainage calculations are adequate.

☐ Project design would not increase peak 25-year storm water run-off and would reduce peak storm water run-off discharge rate to the maximum extent practicable, through:

___ Any increase in run-off will be retained on-site and filtered using structural BMPs such as detention basins, bioswales (vegetated filters), and/or mechanical BMPs such as manufactured filters.
BMPs _____

___ Increase in water will be retained with underground tanks.

☐ BMPs will be applied as follows:
__ Project design as proposed (with condition of approval requiring project implementation as proposed, and ongoing maintenance of BMPs if applicable).
__ Revised project design submitted as part of the DART process (and application of condition of approval requiring project implementation as revised, and ongoing maintenance of BMPs).
__ Application of a condition of approval requiring feasible project design changes and/or other BMPs, and ongoing maintenance of BMPs.

2.2 Structural and Treatment Control BMPs *(Public Works, Creeks)*

☐ Not applicable.

_____

☐ Long-term volumetric treatment control BMP will be incorporated into the project development (design criterion is a 1" storm).

_____

☐ Long-term flow-based treatment control BMP will be applied (design criterion is .25" for four hours).

_____

☐ BMPs will be applied as follows:

__ Project design as proposed (with condition of approval requiring project implementation as proposed and ongoing maintenance of BMPs if applicable).

__ Revised project design submitted as part of the DART process (and application of condition of approval requiring project implementation as revised, and ongoing maintenance of BMPs).

__ Application of a condition of approval requiring feasible project design changes and/or other BMPs, and ongoing maintenance of BMPs.

2.3 Minimization of Storm Water Pollutants of Concern *(Creeks, Public Works)*

☐ Not applicable

☐ General pollutants/ small projects: Passive, low maintenance BMPs will be applied through minimizing hardscape; vegetative swales, use of permeable paving; and/or detention basin.

_____

☐ Automotive pollutants/ oil, grease, metals: The following BMPs will be applied for projects with 10 or more parking spaces: __Runoff from entrance drive for covered parking will be treated by collecting water in a trench drain and filtering before discharge. __Basement parking garages will provide treatment of any storm water discharged from basement garage to storm drain. __Runoff will be discharged to a vegetated swale or constructed sand filter, or through a manufactured BMP (drain filter or wet-sump filter).

_____

☐ Erosion and Sedimentation/ suspended solids: Projects in hillsides, near creeks, or involving substantial earthwork: BMPs applied for long-term post-construction slope stability and erosion/sedimentation control, such as site layout to avoid $\geq$15% slopes, adequate setbacks from creeks.

_____

☐ BMPs will be applied as follows:

__ Project design as proposed (with condition of approval requiring project implementation as proposed and ongoing maintenance of BMPs if applicable).

__ Revised project design submitted as part of the DART application process (and condition of approval requiring project implementation as revised, and ongoing maintenance of BMPs).

__ Condition of approval requiring feasible project design changes and/or other BMPs, and ongoing maintenance of BMPs.

2.4 Natural Area Conservation BMPs *(Planning)*

☐ Not applicable.

_____

☐ Development is clustered leaving remaining land in natural condition.

_____

☐ Grading and clearing of native vegetation is limited to amount needed for lots, access, and fire protection.

_____

☐ Trees and vegetation are maximized to the extent feasible, and use of drought-tolerant plants is promoted.

_____

☐ Natural vegetation is promoted through use of parking lot islands and other landscaped areas.

_____

☐ Riparian areas and wetlands are preserved.

_____

☐ Natural area design standards will be incorporated to the extent applicable and feasible, consistent with City policies, as follows:

___ Project design as proposed (with condition of approval requiring project implementation as proposed, and ongoing maintenance of BMPs if applicable).

___ Revised project design submitted as part of the DART process (and application of condition of approval requiring project implementation as revised, and ongoing maintenance of BMPs).

___ Application of a condition of approval requiring feasible project design changes and/or other BMPs, and ongoing maintenance of BMPs.

2.5 Protection of Slopes and Channels (*Planning, Building, Public Works, Creeks)*

☐ Not applicable. Project is not adjacent to creek, and does not include substantial slopes.

☐ The following additional information has been required:

___ Existing site conditions: geomorphic, hydraulic, biological, geotechnical; top-of-bank determination.

___ Proposed project information and plans, potential effects on slopes and channels, and plans/measures to protect slopes/channels (preliminary grading plan; preliminary drainage plan; slope stability, permanent erosion control, vegetation management,, preliminary creek restoration and enhancement plan, including protection of biological values such as shade provisions, water temperature maintenance, nutrient filtering, wildlife movement corridors; fish movement; wildlife habitat protection.)

☐ Runoff will be conveyed safety from the topes of slopes and disturbed slopes will be stabilized.

☐ Natural drainage channels will be used to the maximum extent practicable.

☐ Permanent channel crossings will be stabilized.

☐ Slopes will be vegetated with appropriate native or drought-tolerant vegetation.

☐ Energy dissapators, such as riprap, will be installed at the outlets of new storm drains, culverts, conduits, or channels that enter unlined channels in accordance with applicable specifications to minimize erosion with the approval of all agencies with jurisdiction.

☐ The project will incorporate slope and/or channel protection design standards to the extent applicable and feasible, consistent with applicable City policies, as follows:

___ Project design as proposed (with condition of approval requiring project implementation as proposed, and ongoing maintenance of BMPs if applicable); or

___ Revised project design submitted as part of the DART process (and application of condition of approval requiring project implementation as revised, and ongoing maintenance of BMPs); or

___ Condition of approval requiring feasible project design changes and/or other BMPs, and ongoing maintenance of BMPs.

2.6 Storm Drain Stenciling and Signage (*Public Works, Building*)

☐ Not applicable. No storm drains inlets.

☐ Condition of approval will be applied that public and private storm drain inlets and catch basins within the project area must be stenciled with language and/or graphic icons prohibiting dumping of improper materials directly into the storm water conveyance system. Signs prohibiting illegal dumping must be posted at public access points along channels and creeks within the project area. Legibility of stenciling and signs must be maintained.

2.7 Outdoor Material Storage Design *(Planning, Building)*

☐ Not applicable. No outdoor material storage area.

☐ Materials with the potential to pollute storm water will be placed within an enclosure such as cabinet, shed or similar structure that prevents contact with runoff or spillage to the storm water conveyance system, or will be protected by secondary containment structures such as berms, dikes, or curbs. The storage area will be paved and sufficiently impervious to contain leaks and spills. The storage will have a roof or awning to minimize collection of storm water within the secondary containment.

_____

☐ The project will incorporate BMPs as follows:
___ Project design as proposed incorporates these measures.
___ Revised project design submitted as part of DART review process incorporates these measures.
___ These measures are feasible and will be applied as a condition of permit approval.

2.8 Trash Storage Area Design *(Planning, Building)*

☐ Not applicable. No trash storage area.

☐ Trash containers will have drainage from adjoining roofs and pavement diverted around the areas; and trash container areas will be screened or walled to prevent off-site transport of trash. Individual single family residences may be exempted if determined by City to be infeasible.)

☐ The BMPs will be incorporated as follows:
___ Project design as proposed.
___ Revised project design submitted as part of DART review process.
___ These measures are feasible and will be applied as a condition of permit approval.

_____

2.9 Ongoing BMP Maintenance

☐ Not applicable. No BMPs are required.

☐ Condition will be applied to establish BMP maintenance agreement providing owner ongoing maintenance and yearly inspection.

_____

2.10 Design Standards for Specified Individual Project Categories

☐ Not applicable.

☐ Commercial Projects: Proper design of loading/unloading dock areas; repair/maintenance bays; vehicle wash areas to protect water quality.

_____

☐ Restaurants: Proper design of equipment/ accessory wash areas to protect water quality.

_____

☐ Retail Gasoline Outlets: Proper design of fueling areas to protect water quality.

_____

☐ Automotive Repair Shops: Proper design of fueling areas; repair/maintenance bays; vehicle/equipment wash areas; and loading/unloading dock areas to protect water quality.

_____

☐ Parking Lots: Proper design of parking areas to protect water quality; and operational provisions to limit oil contamination.

_____

☐ BMPs will be incorporated as follows:
___ Project design as proposed.
___ Revised project design submitted as part of DART review process.
___ These measures are feasible and will be applied as a condition of permit approval.

City of Santa Barbara
Parks and Recreation Department

Memorandum

DATE: November 18, 2009

TO: Creeks Restoration/Water Quality Improvement Program Citizen Advisory Committee

FROM: Jill Murray, Water Resources Specialist

SUBJECT: WATER QUALITY MONITORING AND RESEARCH PROGRAM FISCAL YEAR 2009 REPORT

COMMITTEE DIRECTION – FOR DISCUSSION

That the Committee receive a presentation and discuss the results from the Water Quality Monitoring and Research Program Fiscal Year 2009 Report.

DISCUSSION

Background

The Water Quality Monitoring Program provides data for the Creeks Division to establish baselines of water quality, track long term changes, and assess project performance. This information is needed to understand sources and routes of pollution to creeks, prioritize future projects for the Division, and to provide a basis for understanding the effectiveness of the current program. The Creeks Division strives to maintain a dynamic, adaptive monitoring program that is driven by specific research questions.

The goals of the monitoring program are to:

- Quantify the levels (concentration and flux, or load) of microbial contamination and chemical pollution in watersheds throughout the city.
- Evaluate the effectiveness of the City's restoration and water quality treatment projects in reducing contaminant and pollutant levels.
- Determine the water quality for aquatic organisms including fish, invertebrates, amphibians, and plants in watersheds throughout the City.
- Evaluate the effectiveness of the City's restoration and water quality treatment projects in improving water quality for aquatic organisms.

The underlying motivation behind the monitoring program is to obtain information that the City can use to:

- Develop strategies for water quality improvement, including prioritization of capital projects and outreach/education programs.
- Communicate effectively with the public about water quality.

The monitoring program consists of six key elements:

1. Routine watershed assessment
2. Storm monitoring
3. Restoration and Water Quality Project Assessment
4. Microbial Source Tracking
5. Creek Walks
6. Bioassessment

In June 2009, the Committee received a mid-year update on water quality monitoring and concurred with the recommendation to implement the proposed Fiscal Year 2010 Research Plan. Topics discussed in June 2009 included wildfire impacts to water quality, results from toxicity testing, and an assessment of sediment quality. In November 2008, the Committee discussed changes to Research Plan for Fiscal Year 2009. At the present time, the Committee will receive summary of the Fiscal Year 2009 Annual Water Quality Report. Please see the attached map to identify sampling locations. The final report is still in draft form and will be available online in January 2010.

<u>Routine Watershed Assessment</u>
Routine watershed assessment focuses on microbial pollution (as defined by indicator bacteria) and water quality for aquatic organisms (physicochemical properties such as pH, temperature, dissolved oxygen, turbidity, conductivity). During Fiscal Year 2009, Routine Watershed Assessment also focused on quantifying loads of chemical pollutants in creeks during dry weather, assessing toxicity of creek water in dry weather, and assessing pollutants in sediment.

Research questions:

- Is overall water quality getting better over time?
- Are new hot spots emerging?
- Which subwatersheds contribute the greatest loads of pollutants to creeks in Santa Barbara?
- Do creeks in Santa Barbara have problems with toxicity, particularly in relation to dissolved copper, in dry weather?
- How contaminated and/or toxic is sediment at creek outfall sites?
- How does creek water quality relate to beach warnings at Santa Barbara beaches?

Highlights:

- Based on Federal and State regulations, the County uses fecal indicator bacteria levels are to determine beach warnings at Santa Barbara beaches. An analysis of annual beach grades (from Heal the Bay), based on the County's results, suggests that water quality has improved at Santa Barbara beaches since grading began in 1999, particularly for wet weather. Additional data collection and analysis will be conducted to investigate whether the improvement is due primarily to the impacts of weather and rainfall. There are many limitations with using indicator bacteria to assess water quality, including the lack of consistent correlation with the presence of human pathogens and the ability of indicator bacteria to grow in the environment. Because of the limitations, the US EPA is currently seeking a better indicator of beach water quality.
- Despite enormous variability in fecal indicator bacteria levels in creek samples, Enterococcus levels appear to have decreased in lower Mission Creek in the past five years.
- A combined analysis of quarterly load results showed that the majority of contaminants entering creeks during dry weather occur in the lower reaches. Using flow measurements and contaminant concentrations, the combined analysis showed that the bulk of pollutants in Arroyo Burro during dry weather enter the creek between the confluence with San Roque Creek and the confluence with Las Positas Creek. In Mission Creek, during low-flow conditions, approximately half of the pollutants arrive from Old Mission Creek and half arrive between the confluence of Old Mission Creek and Mission Creek at Montecito Street.
- Vertebrate toxicity testing, which includes exposing fathead minnows to creek water for five days, showed that the Santa Barbra creeks do not have a problem with toxicity in dry weather. Of twenty four samples collected from Mission Creek, Arroyo Burro, Laguna Channel, and Sycamore Creek during dry weather, only one showed less than 95% survival, with a value of 90%.
- Using the latest US EPA-approved method for assessing copper toxicity, which involves calculating site-specific criteria based on several water quality parameters, sampling showed that none of the sites tested exceeded dissolved copper criteria in dry weather. In addition, dissolved copper values were lower than those reported to cause temporary neurological impairment in steelhead.
- After two years of sediment testing in the lagoons at each integrator site, sediment showed no toxicity using the test organism *Euhaustoriaus* (92 - 100% survival at each site). Using California's new Final Sediment Quality Objectives for Enclosed Bays and Estuaries to integrate chemical and toxicity data, Arroyo Burro Estuary, Mission Lagoon, Sycamore Lagoon, and the Andre Clark Bird Refuge were determined to have "minimal potential" for a chemically mediated effect on the benthic community. Laguna Channel sediments were scored as having a "low potential" for chemically mediated effects on the benthic community, primarily due to chlordane, and also cadmium, lead, and zinc. The

pyrethroid bifenthrin was found at the Bird Refuge was somewhat close to a sediment quality guideline.

Storm Monitoring

Trace metals, pesticides/herbicides, and additional organic pollutants can have deleterious effects on aquatic organisms and human health. The purpose of storm monitoring is to identify chemical constituents of concern and to identify pollution hot spots. The monitoring program over the past several years has strived to sample the "first flush", thereby testing the worst-case scenario in order to identify pollutants of concern.

Research Questions:

- What are the highest concentrations of pollutants of concern during storm events, particularly seasonal first flush storms?
- What are the loads of pollutants discharged from Santa Barbara creeks during storms?
- How do concentrations and loads vary during storms?
- What are the sources and routes of pollutants during storms?
- Do creeks in Santa Barbara have problems with toxicity, particularly in relation to dissolved copper, during storm events?
- How do restoration/treatment projects impact water quality during storm events?

Highlights:

- Six storms were sampled in Fiscal Year 2009.
- Seasonal first flush sampling, which captures early runoff from the first storm of the season and generally produces the highest levels of pollutants seen in the creeks, was conducted in October and November 2008. These results were the second set to include toxicity measurements during storm runoff. Similar to last year, survival of fathead minnows in the toxicity test was 100% for Mission Creek and 95% for Arroyo Burro. However, only 25% survival was found in the sample from the Laguna Channel, which was collected very early during the first rainfall. No pesticides or herbicides were detected in creek samples. The only chemical constituent found to exceed current water quality criteria was MBAS, a class of surfactants most often found in detergents.
- Wildfire impacts to water quality were tested after the Tea Fire. Results showed that there were higher levels of suspended sediment and several metals in the burned site (Sycamore watershed) versus the unburned site (Mission Canyon). The levels of metals were well below standards known to cause toxicity in aquatic organisms. All PAHs and the metals lead, cadmium, chromium, selenium, and silver were not detected at either site. Samples from a downstream Sycamore Creek site, collected after more rain had fallen, did not show high levels of any metals or PAHs compared to storm sampling in previous years.

- Baseline samples were collected for the West Figueroa area (two storms), the Upper Las Positas Creek Project, and the Low Impact Development Demonstration Project.

Restoration and Water Quality Project Assessment

The Creeks Division has completed several restoration and water quality improvement capital projects. Project assessment is used to determine the success of these projects in lowering microbial and chemical pollution levels and improving water quality for aquatic organisms. In some cases project monitoring is grant-required, and the remaining project monitoring is for internal review of project effectiveness.

Research Questions:

- Do Creeks Division projects result in improved water quality, as reflected in pre- and post-project, and/or, upstream to downstream, conditions?
- What is the baseline water quality at future restoration/treatment sites?
- What are the mechanisms of project success?

Highlights

- The second season of operation of the Westside SURF project was evaluated. The project has been highly successful in eliminating indicator bacteria in runoff from the Westside Drain. Indicator bacteria results return to background levels relatively quickly downstream. Ongoing research is looking into the mechanism behind the increase in levels.
- Additional baseline values were collected for proposed water quality projects at the Santa Barbara Golf Course (storm sample) and West Figueroa on Mission Creek (dry weather). In addition, the Andre Clark Bird Refuge was monitored, but data is still being analyzed. Ongoing post-project data was collected for Mesa Creek daylighting.

Creek Walks

Creek walks from the ocean to upper watersheds are used to identify problem areas and track changes due to natural processes and human activity. Problem areas may include sources of polluted input to the creeks, sites of habitat degradation, or failing bank structures. Problem areas that are typically not seen from roads can be identified, cleaned up, and monitored.

Research Questions:

- How have the number and location of water pollution sources changed over time?
- Are there new problems in creeks that need to be addressed?
- Were decreases in trash observed between 1999 and 2005 due to creek flow histories or the impact of City programs?

- Will the installation of catch basin screens lead to decreased trash observed in creeks?

Highlights

- The second year of baseline data was collected for assessing the impact of catch basin screens in the Westside Neighborhood on trash in Old Mission Creek

Microbial Source Tracking

Microbial source tracking is used to develop better tools for tracking fecal pollution in creeks and to identify sources of indicator bacteria. The Creeks Division has gathered extensive data on the presence of indicator bacteria throughout its watersheds, however, the specific sources of pollution and the degree to which the recreational waters are harmful to human health are not known.

Research Questions

- Which locations in creeks and drains have consistent presence of human waste?
- Where does such waste enter drainage systems?
- What happens to the signals of human waste and indicator bacteria levels as water moves downstream away from the source?
- How does presence of human waste relate to beach warnings?

Highlights

- The Laguna Watershed Study, which involved dry weather hydrology and microbial source tracking, was completed in Fiscal Year 2009.
- Results from the Laguna Watershed Study were used to form a recommendation for installing ultraviolet disinfection at the discharge of Laguna Channel.
- Ongoing source tracking in the Laguna Channel storm drain network has identified locations with relatively high concentrations of fecal contamination. These sites are under ongoing investigation to determine locations of inputs.
- Sampling for the Source Tracking Protocol Development Project began in August 2009. Additional sampling will take place through October 2010.
- A preproposal to the Water Environment Research Federation, for to test canine scent tracking as a source tracking tool, was selected for full proposal submission in October 2009.

Bioassessment

The biological assessment element is used to assess and monitor the biological integrity of local creeks as they respond through time to natural and human influences.

Research Questions:

- What is the baseline of biological integrity for benthic macroinvertebrates in creeks?
- Are there differences between upper watershed and lower watershed sites?
- Are there differences among watersheds?

- How does the biological integrity in our creeks change over time?
- How does the biological integrity respond to habitat restoration projects?

Highlights

- As reported by the consultant to the Creeks Division, Ecology Consultants, the Index of Biological Integrity (IBI) scores at most of the study reaches were similar in 2008 to those in 2007, which together were lower than those found in 2005 and 2006. For lower reaches of creeks, especially, a lack of heavy rainfall and scouring discharges are thought to be the cause of this trend.
- Sufficient data has been collected to test hypotheses and patterns statistically. In the 2009 bioassessment effort, the data amassed thus far will be used to calculate a new Index of Biological Integrity and examine causes of impairments.

Next Steps

Staff will continue implementing the FY 10 Research Plan and carry out scheduled weekly, quarterly, project, and storm sampling. Staff will also conduct research with UCSB on the Source Tracking Protocol grant.

cc: Cameron Benson, Creeks Manager
Jill E. Zachary, Assistant Parks and Recreation Director

6. Pollution Prevention/Good Housekeeping for Municipal Operations

Activity	*BMP*	*Description/Implementation*	*Status*					
			Implemented	**Not Applicable**	**Modified**	**Effective**	**Unknown**	**Not Effective**
Develop and implement Pollution Prevention Plans for operations divisions	6.1	Develop and implement pollution prevention plans.	X			X		
Training	6.2a	Update training presentation materials based on input from operational division.	X			X		
	6.2b	Train all operations division staff.	X			X		
Vehicle and Equipment Cleaning	6.3a	Provide facilities for vehicle wash that are equipped to contain pollutants generated from vehicle washing.	X					X
	6.3b	Require fleet vehicle wash service to contain car wash water, with permit for disposal of wash wastewater.	X			X		
Exterior Building Washing	6.4	Identify and implement appropriate BMPs.	X			X		
Evaluate contractor for compliance with BMPs for City contracts	6.5	Develop checklist to be completed for every contract service where there is potential for polluted runoff. Amend existing contracts to include implementation of pollution prevention BMPs and compliance with General Permit.	X			X		
Trench Excavation	6.6a	Maintain a list of trench excavations in unpaved areas.	X			X		
	6.6b	Inspect unpaved trenches after first rainy season following backfill.	X			X		
De-Watering Operations	6.7a	Maintain on-hand stock of filter bags, fiber rolls and sand bags for unplanned incidents requiring sediment control.	X			X		
	6.7b	Maintain open purchase order with appropriate suppliers to expedite access to additional sedimentation control devices as needed.	X			X		
	6.7c	Inspect service vehicles and warehouses annually to confirm appropriate inventory of materials on hand.	X			X		
Paving and Grinding Operations	6.8	Install and maintain vacuum cleaning equipment on vehicles involved in cutting and grinding operations.	X			X		
Construction Waste Management	6.9	Implement policy of no material piles left on street at end of workday.	X			X		
Spill Prevention and Cleanup	6.10	Have spill containment materials on service trucks and vehicles that support backhoes, loaders and graders.	X			X		

Activity	BMP	Description/Implementation	Status					
			Implemented	Not Applicable	Modified	Effective	Unknown	Not Effective
Storm Drain Inlet Cleaning	6.11	Inspect all City inlets annually.			X			
Inlet Filter Cleaning	6.12	Implement bi-monthly filter cleaning.			X			
Inline Storm Filter Maintenance	6.13	Implement 3 annual cleanings of inline filters.			X			X
Annex Yard BMP Maintenance	6.14	Implement an inspection program of Annex Yard BMPs.	X			X		
Street Sweeping	6.15a	Implement sweeping of City streets.	X			X		
	6.15b	Addition of San Roque neighborhood.	X			X		
	6.15c	Addition of Hidden Valley neighborhood.	X			X		
	6.15d	Addition of Mesa neighborhood.	X			X		
Parking Lot Sweeping/Trash Removal	6.16	Implement daily cleanup of parking lots.	X			X		
Parking Garage Washing	6.17	Implement steam/power washing of parking garage floors, with full recovery of wastewater.	X			X		
Integrated Pest Management	6.18	Implement IPM program.	X			X		
Cleaning Trash Enclosures	6.19	Use only wash unit with full vacuum recovery for cleaning trash enclosures.	X			X		
Illicit Discharge Inspection and Elimination	6.20	Implement an annual inspection of maintenance yards and shops, along with review of facility inspection reports, to identify and eliminate potential sources for polluted runoff.	X			X		
Place portable toilets adjacent to creeks	6.21	Maintain contracts for the placement and service of portable toilets in areas adjacent to creeks that are known (or become known) for human use.	X			X		

BMP 6.1 Develop and Implement Pollution Prevention Plans

Measurable Goal 6.1: *Plans fully implemented by year one; Plans evaluated annually.*

Status: The Streets Division has a Pollution Prevention Plan at the City Annex Yard (managed by the Streets Division) for vehicle washing, material dumping, and storage. A full time Streets employee oversees the daily operations of the facility. The Streets Division concrete and asphalt crews follow pollution prevention procedures to reduce and eliminate debris or polluted water discharges into the storm drain system during maintenance projects. Debris is mechanically swept and cleared away from the maintenance sites during construction and after the project is completed. See the Yanonali Annex Yard Checklist, (Appendix 6A1 and 6A2). The Streets Division also follows landscaping maintenance and clean up procedures/BMPs, including placing sand bags at storm drains or in gutters to stop debris and/or polluted water from entering the storm drain. Asphalt particles and debris created during the

work are swept up and disposed of at the City Annex Yard.

Water Distribution System staff apply City specified best management practices in the course of all construction, maintenance, repair and operations of the water distribution system, as detailed in the City's *Procedures for the Control of Runoff into Storm Drains and Watercourses* (Appendix 6B). The most commonly used pollution prevention controls are BMPs applied to vehicle and equipment fueling and cleaning, water line breaks, trench excavations, dewatering operations, paving and grinding, concrete waste management, spill prevention and control, and equipment parking and storage. See Appendix 6C, the City's *Operations Division Storm Water Pollution Prevention Plan (Facilities Worksheet)*. Other BMPs from the *Procedures* are used as necessary.

For Wastewater Collection staff, evaluation for pollution prevention is a daily, ongoing process. Pollution Prevention Plans are continually reviewed with Wastewater Collection staff. The Wastewater Collection staff follows the City's "Procedures for the Control of Runoff Into Storm Drains and Water Courses," Pages F-1 to F-34 (Appendix 6B). The Wastewater Department also produced a stand-alone Pollution Prevention Plan in 2009 (Appendix 6D).

The Parking Department follows pollution prevention BMPs on a daily basis, and produced a written Pollution Prevention Plan in 2009 (Appendix 6E1). To ensure compliance to pollution prevention, parking facilities are inspected daily, and dry clean-up techniques are used for oil spills. All parking garages have a daily report form that is filled out, noting any fluid spills and needed clean up (Appendix 6E2). Furthermore, the Parking Division currently adheres to detailed specifications for power washing any parking lots and/or facilities, in order to avoid wash water runoff into the storm drain system (Appendix 6E3).

The Facilities Division mainly conducts work indoors and/or within covered/enclosed shop locations, and therefore simply complies with the following protocol:

- Run off from roof washing will be captured or diverted to permeable planters or sanitary sewer drains
- Wastewater from janitorial services will be disposed of to sanitary sewer drains
- Solid construction waste will be contained and disposed of using solid waste management containers

The Parks Department continues to use the "Procedures for the Control of Run-Off into Storm Drains and Watercourses" Manual (Appendix 6F) and provides training on a yearly basis.

The Golf Course staff adheres to their Pollution Prevention Plan on a daily basis (Appendix 6G1). The Pollution Prevention Plan addresses BMPs for managing reclaimed water, the equipment fueling station and storage area, the equipment wash station, and the clubhouse area, as well as using and storing fertilizers and pesticides, and implementing the City's Integrated Pest Management (IPM) Program. The Golf Course Division also uses a vehicle/equipment inspection form that is completed monthly for each piece of equipment (Appendix 6G2 and 6G3).

The City Fire Department has five Standard Operating Procedures (SOP's) established that deal with Pollution Prevention. SOP E-IX-3 addresses correct decontamination procedures required during a Hazardous Material Incident. SOP E-IX-7 addresses sewer emergencies. SOP E-IX-4 addresses fuel spills. SOP A-I-5 addresses fueling procedures. SOP E-IX-8 addresses waste disposal. Copies of the five SOP's (BMPs) are attached as Appendices 6H1 through 6H5.

The Fire Department incorporates practices to reduce runoff of vehicle and equipment cleaning. Staff cleans apparatus and equipment with wet chamois and/or rags. The chamois are rinsed in buckets of water which is discharged into laundry sinks. Chamois are used to clean the apparatus of dirt and dust. Rags are used to wipe oil and grease from the apparatus. The rags are placed in a can for pick up. When the apparatus require washing it is our practice to use the city furnished vehicle wash facilities located at City Yards and/or Fire Station 8 at

the Airport. Fire Station cleaning is done with water and biodegradable cleansers using sponges and mops. The mops and sponges are rinsed in the laundry sinks and any soiled water is poured down the sanitary sewer drains.

When the Fire Department has to extinguish a flammable liquid fire or keep a flammable liquid spill or leak from igniting, we use Aqueous Film Forming Foam (AFFF). This foam forms a blanket that prevents or extinguishes fire on a hydrocarbon liquid. Our engine companies use a 3%-6% AFFF and our airport response trucks use a 3% AFFF. For the time being our Battalion Chiefs are responsible for the oversight and proper environmental handling of AFFF.

The City's Motor Pool staff operates with BMPs in place on a daily basis to prevent or reduce the amount of contamination to storm water resulting from vehicle and equipment maintenance. Motor Pool's Pollution Prevention Plan is attached as Appendix 6I1. In 2009, waste oil tanks were inspected and emptied (as needed), eleven times. Used oil filters were removed and steel drum containers were replaced seven times, and waste anti-freeze containers were inspected and removed four times throughout the year. Motor Pool's "parts washing machine" was cleaned, inspected, and waste removed four times, batteries were properly disposed of on a monthly basis, and garbage, solid waste, and recyclable materials were collected and disposed of weekly. Motor Pool used a new vendor in 2009, "Nu-Cool Redigreen," for recycling the coolant used in the maintenance of city vehicles and equipment.

Proposed Modifications: None.

Proposed Year 2 Activities: Ongoing. The Fire Department intends to develop SOP's for the proper environmental handling of AFFF when it is dispensed.

BMP 6.2 Training

Measurable Goal 6.2a: *Update training materials annually.*

Status: Creeks Division staff trains "operational division" city staff annually. This includes staff from the following Departments and Divisions: Water Distribution, Streets, Motor Pool, Wastewater, Parks, Parking, Golf, Facilities (Building Maintenance), Building and Safety, Public Works Inspectors/Engineering, and Fire. During the first two years of informal SWMP implementation (prior to formal approval in 2009), the training materials included a 30-minute power point presentation, an aerial photograph poster of the City highlighting the City's creeks and watersheds (*It All Flows to the Ocean*), and laminated storm drain maps to be used in staff field vehicles.

This year, (Year 1), the training materials were revised/updated to a 15 minute verbal introduction, used to explain the importance of the City's SWMP, and a 20 minute video, produced by Excal Visual, LLP. The video is well produced and applicable to the City's operations and reviews appropriate BMPs. The video is titled, "Municipal Storm Water Pollution Prevention; Storm Watch; Everyday Best Management Practices." After the video there is a 15-20 minute question/answer session, which concludes the training.

Proposed Modifications: None.

Proposed Year 2 Activities: Ongoing.

Measurable Goal 6.2b: *100% staff trained.*

Status: All operations division staff were trained in Year 1. (See Appendices 3H1 – 3H11).

Proposed Modifications: None.

Proposed Year 2 Activities: Ongoing.

BMP 6.3 Vehicle and Equipment Cleaning

Measurable Goal 6.3a: *2 facilities maintained and equipped.*

Status: Most City departments/divisions wash their vehicles at local, commercial car wash facilities where wash water is contained and sent to the sanitary sewer. The contracts are maintained through the Motor Pool Division (see attached contracts; Appendices 6J1 – 6J3). Motor Pool also maintains a wash rack at their garage facility, which discharges wash water into a clarifier, then to the sanitary sewer. Washing at the Motor Pool wash rack is performed with the following considerations:

- Verify wash rack is clean prior to using to prevent driving through a spill
- Clean wash rack when cleaning process is completed
- Inspect wash rack for cleanliness on a weekly basis
- Prompt cleaning of any spills

Larger City equipment and the Streets Division vehicles are washed at the City's Annex Yard, where there are two wash bays that capture and filter wash water (via a clarifier) and then send it to the sanitary sewer. The wash bays are monitored and maintained by the City Streets Division. Staff has identified clogging and overflow issues with one wash bay at the Annex Yard (see the discussion under BMP 6.20, below), which will be addressed in Year 2.

The Golf Division staff use a "Landa Water Stax" system to wash maintenance equipment. The system uses bioremediation to remove oil, grease, hydrocarbons and grass clippings from wash water prior to draining it to the sewer. This system meets all current and proposed E.P.A. regulations. Two staff members are assigned to maintain the system and haul away the solids to the recycle bin, daily. A contracted monthly service for the Landa system maintains all service logs and performs technical work and services with new microorganisms to facilitate the breakdown of oils, solids, etc.

Proposed Modifications: None.

Proposed Year 2 Activities: Staff has identified clogging and overflow issues with one wash bay at the Annex Yard (see the discussion under BMP 6.20, below), which will be addressed in Year 2.

Measurable Goal 6.3b: *Track purchase orders annually beginning in permit year two, 100% implementation.*

Status: Motor Pool tracks purchase orders for City fleet vehicle wash services and ensures that wash water is contained and properly disposed of, 100% of the time. Motor Pool uses the following vendors, who contain their wash water and are required to have permits to dispose the waste water (Appendices 6J1 – 6J3):

- Educated Car Wash
- Prestige Hand Car Wash and Detail
- Done Right Detail

Proposed Modifications: None.

Proposed Year 2 Activities: Ongoing.

BMP 6.4 Exterior Building Washing

Measurable Goal 6.4: *Use of City approved BMP will be required on 100% of building wash services.*

Status: This BMP will be formally implemented in Year 2. Building washing is a rare occurrence, and when it does happen, contractors are required to capture and contain the wash water for proper disposal to the sanitary sewer. However, the Facilities Department has incorporated this BMP into their contract language in Year 1 (see language on the 2nd page of Appendix 6K), for formal implementation in Years 2-5.

Proposed Modifications: None.

Proposed Year 2 Activities: Ongoing.

BMP 6.5 Evaluate Contractor Compliance with BMPs for City Contracts

Measurable Goal 6.5: *Track and file amended contracts and completed checklists and take enforcement action when contractors do not comply. Achieve 100% compliance and report on compliance in annual report.*

Status: The Facilities Division currently employs only one contractor who performs work (washing) that creates runoff; "Waterworks." Waterworks contains and properly disposes of their wash water, and the wording to reflect this requirement is included in their contract with the City (Appendix 6K).

Proposed Modifications: None.

Proposed Year 2 Activities: Ongoing.

BMP 6.6 Trench Excavation

Measurable Goal 6.6a: *Update list annually.*

Status: Any excavation is covered or plated at all times during construction before leaving the site for more than eight hours. Any backfill work meets the requirements and specifications for Public Works Construction, current edition. Bedding and backfill is compacted mechanically and compaction tested. Trenches in unpaved areas are re-inspected after rainy season.

No Water Distribution trenching occurred in unpaved areas in 2009.

The Wastewater Collection staff maintains an active list (see below) of Wastewater Collection infrastructure improvement projects, which are locations within City limits that are directly related to in-house sewer system repair work. City Engineering staff is responsible for monitoring Capital Improvement projects.

2009 REPAIR REPORTS

REPORT #	LOCATIO	DATE	CREW #	ATLAS #	REPAIR	SURFACE
96	1816 GIBR	3/10/2009	COUNTY S	h03	SPOT REPAIR	DIRT
122	1201 BEL A	4/1/2009	TIERRA	D09A	WYE REPAIR	DIRT
425	1400 BLK S	12/17/2009	D-KAL	E13/E12	INSTALL SADDLES & PATCH	DIRT
358	958 ARBO	10/21/2009	CT/RB/MF/	H05	VOID	EASEMENT
381	2025 EL C	11/3/2009	RB/JL	D13	CONSTRUCT NEW MH	EASMENT

Proposed Modifications: None.

Proposed Year 2 Activities: Ongoing.

Measurable Goal 6.6b: *Written report on status and any corrections required and completed.*

Status: Wastewater Collection staff inspects any uncompleted/unpaved repair areas after significant storm event to check for erosion. This may include the installation of sandbag dikes as necessary to prevent erosion. Straw mulch may also be used to prevent disturbed soil erosion. City Engineering staff is responsible for monitoring Capital Improvement projects.

Proposed Modifications: None.

Proposed Year 2 Activities: Ongoing.

BMP 6.7 De-Watering Operations

Measurable Goal 6.7a: *Report annual inventory of supplies on hand and material orders.*

Status: Water Distribution ordered 18 fiber rolls in 2009; one roll is kept in each service truck, and the emergency response vehicle has 8-10 sand bags at all times.

Wastewater Collection staff utilizes sand bags for containment and control of sediment runoff and will verify proper cleanup related to in-house sewer system repair work when required. Wastewater staff makes their own sandbags and normally keep a minimum of 20 sandbags in stock.

The City's Central Storage Warehouse maintains a minimum of 10,000 sand bags. Presently, spill kits are purchased by City departments/divisions on an individual, need-basis. Absorbent materials, such as sand, are stocked and maintained by the City's Annex Yard; which is managed and staffed by the City Streets Division.

Proposed Modifications: None.

Proposed Year 2 Activities: Ongoing.

Measurable Goal 6.7b: *Track approved purchase orders annually, maintain supplies to control all non-storm water discharges..*

Status: The Wastewater Collection section has established purchase orders, including local vendor information, in order to obtain immediate supplies and material for sediment control. Wastewater Collection maintains a blanket purchase order (#381968) with Vendor #036960 - Bedrock Building Supplies, Inc. The Department also has accounts with Santa Barbara Home Improvement, Agri-Turf Supplies, Inc., and Aqua- Flo Supply for needed supplies.

The Water Distribution Division maintains an ongoing purchase order with J2A Environmental for "gully guards," which are curb guards used to contain water during main breaks.

Proposed Modifications: None.

Proposed Year 2 Activities: Ongoing.

Measurable Goal 6.7c: *Number of service vehicles inspected annually; list warehouses inspected annually, achieve 100% preparedness.*

Status: Water Distribution's service vehicles are inspected weekly, at the end of each week. Their vehicles are 614/1191, 616/1612, 617/2138, 618/2139, and the emergency response vehicle; 638/2115. Water Distribution's facilities (i.e. pump stations, reservoirs, and wells) are inspected daily, bi-monthly, and/or monthly (see below).

Facility	Action/Results	Facility	Action/Results	Facility	Action/Results
Tunnel Reservoir/ Pump Station	Bi Monthly Checks	Hope Reservoir/ Campanil Pump Station	Bi Monthly Checks	Escondido Reservoir/ Pump Station	Bi Monthly Checks
Calle Las Carleras Pump Station	Bi Monthly Checks	Sheffield Reservoir/El Cielito Pump Station	Bi Monthly Checks	La Vista Reservoir	Bi Monthly Checks
Rockynook Pump Station	Bi Monthly Checks	Northridge Pump Station	Bi Monthly Checks	Reservoir Number One	Bi Monthly Checks
La Mesa Reservoir	Bi Monthly Checks	Northridge Hydro Tank	Bi Monthly Checks	Reservoir Number Two	Bi Monthly Checks
Skofield Reservoir	Bi Monthly Checks	Cater Cross Tie Pump Station	Bi Monthly Checks	El Cielito Reservoir/ Skofield Pump Station	Bi Monthly Checks
Sheffield Pump Station	Bi Monthly Checks	Vic Trace Reservoir/ La Coranilla Pump Station	Bi Monthly Checks	East Reservoir/ Bothin Pump Station	Bi Monthly Checks

Wells	Action/Results
Corporation Well	Daily/Monthly
Los Robles Well	Daily/Monthly
Vera Cruz Well	Daily/Monthly
City Hall Well	Daily/Monthly
Ortega Well	Daily/Monthly
Alameda Well	Daily/Monthly
Hope Well	Daily/Monthly
San Roque Well	Daily/Monthly

The Wastewater Collection staff maintains a list of City vehicles assigned to their section, and inspects the vehicles regularly. The Wastewater Department vehicles are:

	vehicle I.D. #	radio I.D. #	
1	2203	613	Honda Sedan
2	1799	619	Construction Lrg. Flat bed
3	2232	623	Utility Pick up (Lead)
4	2289	624	Supervisor Pick up (AL)
5	1744	627	Rodder
6	1820	628	Dump Truck
7	2222	629	FOG pick up
8	1938	633	CCTV unit Pick up
9	1959	634	Utility Flat Bed
10	2049	635	Pick up / Stand by truck
11	2436	636	Van -CCTV unit
12	1786	642	Backhoe
13	2048	650	Supervisor Pick up (Rich)
14	1960	667	Small Jetter
15	2401	668	Vactor- Combo
16	1801	669	Peterbuilt Vactor- Combo

The City's Central Storage Warehouse for the City is staffed by an employee who takes inventory and maintains stock levels. The warehouse maintains a minimum of 10,000 sand bags and may begin stocking spill kits in Year 2. Presently, spill kits are purchased by City departments/divisions on an individual, need-basis. Absorbent materials, such as sand, are stocked and maintained by the City's Annex Yard; which is managed and staffed by the City Streets Division.

Proposed Modifications: None.

Proposed Year 2 Activities: Stock spill kits at the Central Storage Warehouse in Year 2.

BMP 6.8 Paving and Grinding Operations

Measurable Goal 6.8: *Complete annual inspections of all vehicles. Document date equipment inspected and compliance.*

Status: The Wastewater Collection staff uses a seven-gallon wet vac portable vacuum system to recover all wash water from saw cutting operations. Wastewater Collection saw cutting operations are limited to a small amount of conventional dig-and-replace repair work. The vacuum system is used infrequently, but is inspected before and after each use. Most wastewater infrastructure repair/replacement work is contracted to local underground utility construction companies which are required to adhere to the City's SWMP and BMP of capturing/containing water runoff.

Water Distribution's Hepa Vacuum (Pullman Holt) is inspected bi-weekly. Crews inspect filter, switch, cord, hose, wheels, and clamps, and start the equipment to verify suction.

Streets Division staff use sandbags to prevent sediment discharge into a storm drain. The Streets crew mechanically sweeps up debris during the paving or grinding operation and at the end of each job. The Streets Division inspects all vehicles every Tuesday morning. Staff is currently using daily vehicle inspection forms (Appendix 6L). The Streets Division is currently in the process of updating the vehicle inspection form to include checking for brooms, trash bags, and spill containment products.

Proposed Modifications: None.

Proposed Year 2 Activities: Ongoing.

BMP 6.9 Construction Waste Management

Measurable Goal 6.9: *Report if any material is left on street overnight. Achieve 100% compliance in non-emergency situations.*

Status: Both the Wastewater Collection section and Water Distribution staff support a 100% compliance goal with the BMP of leaving no material piles on the street at the end of a workday. City staff conducts site inspections to verify that construction materials are stored in a manner which could not cause storm water pollution. Staff also monitors and maintains street locations to ensure they are clear of sediment and debris.

The Streets Division performs a variety of maintenance activities on City owned roads, including painting, striping, asphalt repair and pothole patching. Staff cleans up all materials and debris at work sites at the end of each day. Clean-up at the end of the day is part of the standard operations for the Streets Division crews. Paint and emulsion products are applied during the daytime hours and dry rapidly before staff leaves. The Streets Division has written

procedures for all work the Division performs. Attached are copies of the "*Sidewalk, Curb and Gutter Maintenance --- Concrete"; the "Pavement and Sidewalk Maintenance --- Asphalt"* and the *"Landscape Maintenance and Misc. Clean Ups"* procedure pages (Appendices 6M1 – 6M3).

Proposed Modifications: None.

Proposed Year 2 Activities: Ongoing.

BMP 6.10 Spill Prevention and Cleanup

Measurable Goal 6.10: *Document and maintain spill kits readily accessible to all crews, contain all spills.*

Status: The Wastewater Collection section uses sandbags to control and recover any spills from defective trucks and equipment. Water Distribution staff maintains spill kits on 12 hydraulic vehicles.

The Streets Division has spill containment materials on each vehicle. Staff is trained on the use of the spill containment materials. The safety coordinator includes the use of spill clean-up materials and the use of sandbags to prevent debris from entering the storm drain system during one or more of the weekly scheduled "safety meetings". Additionally, staff participates in local training opportunities through the MSA (Maintenance Superintendents Association) training events. Staff also receives annual storm water BMP training from the Creeks Division. Spill prevention materials are obtained from the City's "central storage" warehouse.

Proposed Modifications: None.

Proposed Year 2 Activities: Ongoing.

BMP 6.11 Storm Drain Inlet Cleaning

Measurable Goal 6.11: *Number of catch basins inspected; yards of material removed.*

Status: The Streets Division annually inspects and cleans all storm drains throughout the city. The inspections and cleaning are completed prior to the rainy season. The storm drains are tracked by sections of the city through the computerized Cartegraph work order system.

During the first quarter of 2009 (Jan – March) 236 catch basins were inspected and cleaned, and 8.25 cubic yards of debris were removed. 52 catch basins were cleaned April through June (this number is smaller due to a staff requirement to clean storm drain emblems/markers ["No Dumping Drains to Ocean"] during these months), and 2.75 cubic yards of debris were removed. During both the third and fourth quarters of the year, staff focused their efforts on cleaning the storm drain emblems that mark the catch basins; 157 catch basin markers were cleaned during each quarter 3 and 4, and only .5 cubic yards of debris were removed. Therefore, Year 1 inspections and cleanings resulted in 602 catch basins inspected and approximately 11.5 cubic yards of debris removed.

Proposed Modifications: It is estimated there are approximately 1,572 catch basins in the City, and due to staffing and funding constraints, it is currently impossible to inspect and clean all of them in a year. This BMP implementation plan should be modified to read "Annually inspect a minimum of 500 City inlets with the greatest potential for storm water pollution." The City is currently installing catch basin screens over all of the catch basin openings, so they should require less frequent cleaning, as discussed below, under BMP 6.12.

Proposed Year 2 Activities: City staff will focus their inspections and cleanings in the fall and winter months (before the rainy season) on the catch basin inlets with the greatest need for cleaning and potential for

contaminating waterways.

BMP 6.12 Inlet Filter Cleaning

Measurable Goal 6.12: *Number of filters cleaned; yards of material removed.*

Status: Filters were cleaned in a total of 295 catch basins in 2009. This was less than what has been cleaned in previous years because the City began to remove the filters and replace them with catch basin debris screens. The catch basin filters were installed in 98 catch basins as a pilot program between 2001 and 2009 and the performance of the filters and maintenance costs were assessed during this period. During this assessment, numerous observations during rainstorms revealed that the filters quickly became clogged with sediment and leaves, so that the majority of storm water bypassed the filter and flowed untreated into the storm drains. This occurred despite monthly cleaning of the filters using a vacuum truck. The cleaning costs and debris removed were assessed from 2006-2008. The cleaning costs averaged $846.00 per cubic yard of debris removed from the filters. Due to the incomplete capture of storm water runoff and the high cost of maintenance for the filters, the City decided not to expand the program and instead to replace the filters with catch basin debris screens. The catch basin debris screens are designed to prevent gross pollutants (trash and debris) from entering the storm drains via the catch basins during dry periods and moderate rain events, but are partially bypassed during heavy rains. At the same time, the catch basin screens are designed to work with street sweeping and don't require additional maintenance to remain functional. Because the filters are easily clogged, causing storm water to bypass during rain events, they don't offer a significant performance advantage over catch basin screens. Because of the low maintenance costs of the screens the City is able to install them city-wide and therefore prevent trash and debris from entering the storm drains in a much wider area. Screens are currently being installed in every eligible catch basin in the City.

Proposed Modifications: This BMP needs to be deleted due to the fact that storm drain filters in the City are being removed. It has become evident that the maintenance of the filters far outweighs the benefits they provide. Catch basin debris screens will replace filters in Year 2. Yards of material captured from the new debris screens will be portrayed in BMP 6.15 – street sweeping.

Proposed Year 2 Activities: None.

BMP 6.13 Inline Storm Filter Maintenance

Measurable Goal 6.13: *Number of cleanings; gallons of waste disposed.*

Status: The City Creeks Division maintains the Haley Street Continuous Deflective Separation (CDS) filter unit and the Parks Yard interceptor. These two interceptors were cleaned in the summer of 2009. 2300 gallons were removed from the Haley Street unit and approximately 400 gallons were removed from the Parks Yard unit. These two filters will be scheduled for cleaning again in March 2010.

There are other inline storm filters in the City, however it is unclear how/when they are maintained.

Proposed Modifications: This BMP calls for "3 annual cleanings." This requirement is excessive due to limited operational staff. Furthermore, Year 1 cleaning of the two filters demonstrated that one annual cleaning would be sufficient, assuming loads do not drastically fluctuate. One cleaning per year before the rainy season is sufficient. The BMP should be partially modified to read "Implement a minimum of one annual cleaning of inline filters."

Proposed Year 2 Activities: Staff will work to identify/locate all City-maintained inline storm filters and will confirm they are all cleaned annually.

BMP 6.14 Annex Yard BMP Maintenance

Measurable Goal 6.14: *Daily inspection of BMPs. All BMP maintenance entered on daily inspection form.*

Status: The City Maintenance Annex Yard is staffed by a Streets Division employee. The general yard area, vehicle wash bays, material delivery area, waste storage, tanks, and catch basins are all inspected on a daily basis. The employee fills out a BMP checklist daily for inspection and cleaning (Appendix 6A1 and 6A2).

Proposed Modifications: None.

Proposed Year 2 Activities: Ongoing.

BMP 6.15 Street Sweeping

Measurable Goal 6.15a: *Curb miles swept; yards of material.*

Status: The Streets Division manages a contracted street sweeping program and has an in-house sweeper. 81% of all City streets that are safe to drive for a sweeper are swept on a minimum of one day each month. The sweeping program added the final neighborhood in July of 2008. The leaves, sediment and trash debris are weighed periodically throughout the year and tracked. The amount of debris cleaned off the city streets each month has stayed relatively constant, with slight variances, since the beginning of the street sweeping program. The in-house street sweeper is used for special sweeping requests in areas not on the contract sweeping route. The Streets Division tracks the street sweeping program through their Performance Measures quarterly reports (Appendix 6N1 and 6N2).

In summary, the 2009 sweeping program had the following results: from January through March; 4,499 curb miles were swept, and 519 tons of material (debris) was collected. From April through June, 4,809 curb miles were swept, and 578 tons of material was collected. From July through September; 5,070 curb miles were swept and 625 tons of

material was collected. From October through December; 4,699 curb miles were swept and 595 tons of material was collected. This totals 19,077 curb miles swept and 2,317 tons of material collected during Year 1. An example of the logs kept to track street sweeping results (yards of material removed), see Appendix 6N3.

Proposed Modifications: None.

Proposed Year 2 Activities: Ongoing.

Measurable Goal 6.15b: *Approve contract by City Council by end of permit year one (San Roque).*

Status: The San Roque neighborhood was already included in the street sweeping program prior to 2009.

Proposed Modifications: None.

Proposed Year 2 Activities: Ongoing.

Measurable Goal 6.15c: *Approve contract by City Council by end of permit year one (Hidden Valley).*

Status: The Hidden Valley neighborhood was already included in the street sweeping program, prior to 2009.

Proposed Modifications: None.

Proposed Year 2 Activities: Ongoing.

Measurable Goal 6.15d: *Approve contract by City Council by end of permit year one (Mesa).*

Status: The Mesa neighborhood was already included in the street sweeping program, prior to 2009

Proposed Modifications: None.

Proposed Year 2 Activities: Ongoing.

BMP 6.16 Parking Lot Sweeping/Trash Removal

Measurable Goal 6.16: *Track hours spent sweeping/removing trash annually.*

Status: Downtown Parking staff spent 8,145 hours removing trash and debris from City Parking lots in 2009. The City's Cartegrpah Work Order program tracks the hours; the work order report is in Appendix 6O. Purchase order details for contracted power sweeping and power washing are in Appendix 6P (#380029 and #382137 for sweeping and #380713 and #382164 for power washing). Staff is required to fill out daily logs to record the condition of the parking lots, stairs and elevators, landscaping, walkways, and lighting in the garages and lots, and what clean up is performed (Appendix Q is an example of one of these logs).

Proposed Modifications: None.

Proposed Year 2 Activities: Ongoing.

BMP 6.17 Parking Garage Washing

Measurable Goal 6.17: *Track hours spent using wash & vacuum recovery system annually.*

Status: Downtown Parking staff completed 989.75 hours of pressure washing with a full recovery system during 2009. See Appendix 6O. The Parking Division holds a discharge permit with the City for discharging this recovered water to the sanitary sewer (Appendix 6R).

Proposed Modifications: None.

Proposed Year 2 Activities: Ongoing.

BMP 6.18 Integrated Pest Management

Measurable Goal 6.18: *Complete annual IPM report, document annual goals achieved.*

Status: The City's IPM Report is compiled January – March of each year. A draft IPM report for 2009 is in Appendix 6S, and the final report will be posted on the City Parks Department website in the Summer 2010.

Proposed Modifications: None.

Proposed Year 2 Activities: Ongoing.

BMP 6.19 Cleaning Trash Enclosures

Measurable Goal 6.19: *Report number of enclosure cleanings done annually.*

Status: The Parking Division contracts with a local contractor to clean trash/recycle enclosures at City lots 8, 9, 10, 11, and 13. The contractor cleans twelve enclosures at five locations. This totaled 144 cleanings during 2009. The purchase order for this contractor was #380713 and #382164 in 2009 (see Appendix P).

Proposed Modifications: None.

Proposed Year 2 Activities: Ongoing.

BMP 6.20 Illicit Discharge Inspection and Elimination

Measurable Goal 6.20: *Develop annual inspection schedule and estimated number of facilities to be inspected, including: Corporation Yard, Annex Yard, Facilities Maintenance Shops, Motor Pool, Parks Yard, Golf Maintenance Shop, Cater Plant and Parking Garages. Report deficiencies and corrections.*

Status: In 2009, annual inspections of maintenance yards, shops, and facilities commenced. The City facilities inspected were the Corporation Yard (Parks Yard), Corporation Annex Yard, Facilities Maintenance Shops, Motor Pool, Golf Maintenance Shop, Cater Water Treatment Plan, and the Parking Garages. Inspection checklists are attached (Appendix T). Deficiencies exist at the Corporation Annex Yard and the Parks Corporation Yard.

Annex Yard Deficiencies:

1. The vehicle wash bay on the NE corner of the City Corporation Annex Yard has a sewer diversion that opens when the wash hose is turned on. When the hose is off, runoff flows to the storm drain. The diversion box does a poor job of keeping wash water out of the storm drain when the diverter valve stand pipe becomes clogged with grass, even after a drain retrofit that raised the outflow elevation to allow more time for drainage to the sewer pipe. Wash water at this bay contains everything from slightly dirty rinse-water, paint from Paint Crew trucks, and grass and leaf cuttings from Parks trucks. The City is researching a design retrofit that would consistently and permanently divert this wash bay drainage to sewer.
2. Another issue is the drainage from the bay where street and parking lot sweepers dump. The collected sludge seeps water, which drains across the parking lot to the northeast catch basin, which drains to the creek. The City is developing a system to divert this drainage to the sanitary sewer.
3. The third issue at the Annex Yard is the tank used to store tar for street asphalt repairs. The steel cylindrical tank is raised about 5 feet on a concrete support and is surrounded by a 4 inch high berm in the parking lot. This berm is not sufficient to achieve secondary containment and will not be effective in the event of tank ruptures, valve leaks, or any other moderate to large-sized spill. This berm is going to be redesigned as a water tight wall surrounding the tank with a capacity equal or greater than 110% of the tank volume.

Parks Corporation Yard Deficiencies:

1. Waste oil is stored in closed steel drums on the outside of one of the buildings with a permanent awning to cover the barrels and secondary containment underneath. While the storage of the oil is sufficient, the secondary containment is over halfway filled with waste oil and water from wind driven rain. The secondary containment tray should be kept empty and clean so that it does not pose its own spill hazard and so that it has the capacity to capture spills from the barrels.

Proposed Modifications: None.

Proposed Year 2 Activities: In Year 2, staff will work to address these deficiencies noted during the Year 1 inspections.

BMP 6.21 Place Portable Toilets Adjacent to Creeks

Measurable Goal 6.21: *Track the use and maintenance frequency of portable toilets that are placed adjacent to City creeks.*

Status: Due to ongoing issues with people using the creek and banks as a toilet in 2009, there was a portable restroom placed adjacent to Mission Creek at Montecito Street. This portable restroom was serviced twice a week due to the high level of use. This high level of use is an indication that less waste is being discharged to the creek and/or banks. There are no plans to remove this restroom from this site. The invoice for the maintenance of the portable toilet is attached (Appendix 6U).

Proposed Modifications: None.

Proposed Year 2 Activities: Ongoing.

MCM 6 Attachments

YANONALI ANNEX YARD CHECKLIST

401 E. Yanonali Street
City of Santa Barbara

Daily Report for _____
(day) (date)

Complete an Annex Yard Checklist for each weekday and check items according to interval codes. Each task has an Interval Code designating how often to check it.

D = Check Every Day **R =Check on Rainy Days Only** **F =Check Every Friday Only.**

ON DRY DAYS, use the *White checklist and check the D items.*

ON RAINY DAYS or if EXPECTED TO RAIN, use the *Blue* checklist *and check the R and D items.*

Check the F items every Friday, whether it is dry or rainy.

Completed by_____ **Weather:**_____

Interval Code	General Yard Areas	Yes	No	Action/Comments
D	Are all surfaces swept clean of debris?			
D	Is debris placed in proper containers?			
D	Are the trash bins less than 80% full? About how full?			
R	Check bottom of bins for leakage.			
F	Are weeds noticeable and where are they?			
R	On rainy days, is storm water flowing into the catch basins from any of the following: Dewatering Bin Trash Bins Material Storage area			

Interval Code	Vehicle Washing Bays	Yes	No	Action/Comments
D	Are inlets and pipes of both wash bays clean and unobstructed?			
D	New wash bay: Is valve opening and closing properly with wash water?			
F	Grit Chamber (sediment tank solids) Is sediment more than 6" below outlet pipe invert?			Remove when sediment reaches 6" from outlet
F	Clarifier: How thick is sludge on bottom of unit?			2" oil →vacuum out 6" sludge →vacuum
D	Does all washing occur in washing bays only? Log vehicle license number of offenders and notify department supervisor.			License #:

Interval Code	Material Delivery Area	Yes	No	Action/Comments
D	Are material delivery areas clean and free of litter?			
D	Are storm drain inlets protected from potential spills during deliveries?			
R	Are material deliveries received in an area protected from runoff from surrounding areas?			

244.90

D	Delivery received - Material:	From:
D	Delivery received – Material:	From:

Interval Code	Waste Spoils Storage Areas	Yes	No	Action/Comments
D	Are materials storage areas clean and free of litter?			
D	Are materials stored outdoors kept in storage bins? How many bins are used?			
R	Is blocking or BMP placed at front of storage bins if rain is predicted for next day?			
D	Is street sweeping debris bin full and area clean?			
D	Battery and paint collection area. Is all material stored inside properly with no spills?			

Interval Code	Oil Emulsion Tank Area	Yes	No	Action/Comments
D	How many drums are there?			
D	Are the drums covered?			
D	How many drums are open?			
D	Are the drums all on pallets?			
R	Is the berm area secure? Should berm area be drained?			
D	Is a drip pan or bucket under the spout of oil tank?			

Interval Code	Storm Drain Catch Basin	Action/Comments
F	Stormceptor STL 450 i- Depth of sediment in inches?	Vacuum out when reaches 8"
R & F	Suntree Grate Inlet Skimmer Box (west back corner) Color of sorbant boom in box? (dark, medium, or light)	Change if dark
	What is relative percent full of debris in basket?	%

PHONE NUMBERS: If any answers are NO or an item requires maintenance, contact a supervisor to determine which procedure should be implemented.

James Russell, Streets Supervisor	564-5411	
Steve Takaya, Parks Supervisor	Extension 1930	(Contact if any pesticide issues)
Control 6 – Parks Dispatch	564-5434	
Santos Escobar, Parks Superintendent	Extension 5464	" " " "
MarBorg	963-1852	(contact for trash bin pick-up)
Black-Gold Industries	981-4616	(contact for drum pick-up)

216.00
82.10
113.70
46.75
12.00
270.55

244.90

D	Delivery received - Material:	From:
D	Delivery received – Material:	From:

Interval Code	Waste Spoils Storage Areas	Yes	No	Action/Comments
D	Are materials storage areas clean and free of litter?			
D	Are materials stored outdoors kept in storage bins? How many bins are used?			
R	Is blocking or BMP placed at front of storage bins if rain is predicted for next day?			
D	Is street sweeping debris bin full and area clean?			
D	Battery and paint collection area. Is all material stored inside properly with no spills?			

Interval Code	Oil Emulsion Tank Area	Yes	No	Action/Comments
D	How many drums are there?			
D	Are the drums covered?			
D	How many drums are open?			
D	Are the drums all on pallets?			
R	Is the berm area secure? Should berm area be drained?			
D	Is a drip pan or bucket under the spout of oil tank?			

Interval Code	Storm Drain Catch Basin	Action/Comments
F	Stormceptor STL 450 i- Depth of sediment in inches?	Vacuum out when reaches 8"
R & F	Suntree Grate Inlet Skimmer Box (west back corner) Color of sorbant boom in box? (dark, medium, or light)	Change if dark
	What is relative percent full of debris in basket?	%

PHONE NUMBERS: If any answers are NO or an item requires maintenance, contact a supervisor to determine which procedure should be implemented.

James Russell, Streets Supervisor	564-5411	
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216.00
82.10
113.70
46.75
12.00
270.55

PROCEDURES FOR THE CONTROL OF RUNOFF INTO STORM DRAINS AND WATERCOURSES

Implementation of the procedures contained herein is a condition of all Public Works permits and all Building permits.

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INTRODUCTION

Storm water runoff and other water discharges from construction sites contribute to our ocean and creeks being polluted. Preventing these pollutants from entering the storm water system is vital to clean creeks and open beaches. The City of Santa Barbara Municipal Code Title 16 prohibits the discharge of any pollutants into the storm water system. The following procedures are intended to implement Title 16 on all construction projects.

Implementation of the procedures contained herein is a condition of all Public Works permits and all Building permits.

STANDARD SPECIFICATIONS

The work covered by this specification section, Procedures for the Control of Runoff Into Storm Drains and Watercourses, shall be performed in accordance with the Standard Specifications for Public Works Construction (1997 edition) of the Southern California Chapter American Public Works Association; with the Caltrans Best Management Practices (BMP's) Manual; and with the Caltrans Standard Specifications (current edition), where referenced herein.

In case of conflict between the other references cited above and this specification section, Procedures for the Control of Runoff Into Storm Drains and Watercourses, this specification section shall control.

Copies of the Caltrans Best Management Practices (BMP's) Manual may be obtained by contacting the California Department of Transportation Publications Unit,
1900 Royal Oaks Drive, Sacramento, CA 95815-3800. telephone (916) 445-3520, fax (916) 324-8997, or by logging onto the Caltrans web site at http:/www.dot.ca.gov/hq/construc/stormwater.html.

Prior to construction, the contractor and lead foreman will be required to meet with the City's Water Resources Specialist, to discuss implementation of this program for the project. Please allow two hours for this meeting.

Street Sweeping and Vacuuming

I. Definition and Purpose

Practices to remove tracked sediment to prevent the sediment from entering a storm drain or watercourse.

II. Appropriate Applications

These practices are implemented anywhere sediment is tracked from the project site onto public or private paved roads, typically at points of egress.

III. Standards and Specifications

A. Do not use kick brooms or sweeper attachments.

B. Visible sediment tracking shall be swept and vacuumed on a daily basis.

C. Do not sweep up any unknown substance or any object that may be potentially hazardous

D. Adjust brooms frequently; maximize efficiency of sweeping operations.

E. After storm drain protection measures are implemented, and sweeping is finished, the street may be washed down.

Sand Bag Barrier

I. Definition and Purpose

A sandbag barrier is a temporary linear sediment barrier consisting of stacked sandbags, designed to intercept and slow the flow of sediment-laden sheet flow runoff. Sandbag barriers allow sediment to settle from runoff before water leaves the construction site. Straw wattles or fiber rolls can also be used for this purpose. Sandbags can also be used where flows are moderately concentrated, such as ditches, swales, and storm drain inlets.

II. Appropriate Applications

A. Around stockpiles.

B. To divert or direct flow or create a temporary sediment basin.

C. Along the perimeter of vehicle and equipment fueling and maintenance areas or chemical storage areas.

D. To capture and detain non-storm water flows until proper cleaning operations occur.

E. To temporarily close or continue broken, damaged or incomplete curbs.

F. To prevent sediment from washing on to roads.

III. Standards and Specifications

A. ***Sandbag Material:*** Sandbag shall be woven polypropylene, polyethylene or polyamide fabric, minimum unit weight 135 g/m^2 (four ounces per square yard), mullen burst strength exceeding 2,070 kPa (300 psi) in conformance with the requirements in ASTM designation D3786, and ultraviolet stability exceeding 70% in conformance with the requirements in ASTM designation D4355. Use of burlap is acceptable for short term use. (less than 2 weeks)

B. ***Sandbag Size:*** Each sand-filled bag shall have a length of 450 mm (18 in), width of 300 mm (12 in), thickness of 75 mm (3 in), and mass of approximately 15 kg (33 lb.). Bag dimensions are nominal, and may vary based on locally available materials. Alternative bag sizes shall be submitted to the Engineer for approval prior to deployment.

C. ***Fill Material:*** All sandbag fill material shall be non-cohesive, Class I or Class 2 permeable material free from clay and deleterious material, conforming to the provisions in Section 68-1.025 “Permeable Material,” of the Caltrans Standard Specifications. The requirements for the Durability Index and Sand Equivalent do not apply. Fill material is subject to approval by the Engineer.

Sand Bag Barrier; (continued)

IV. Maintenance and Inspection

A. Contractor shall Inspect sandbag barriers before and after each use.

B. Inspect sandbag barriers for sediment accumulations and remove sediments when accumulation reaches one-third the barrier height. Removed sediment shall be incorporated in the project at locations designated by the Engineer or disposed of in conformance with the Standard Specifications.

C. Remove sandbags when no longer needed. Remove and dispose of sediment accumulation, clean, re-grade, and stabilize the area.

Storm Drain Inlet Protection

I. Definition and Purpose

Devices used at storm drain inlets that are subject to runoff from construction activities to detain and/or to filter sediment-laden runoff to allow sediment to settle and/or to filter sediment prior to discharge of storm water into storm water drainage systems or watercourses.

II. Appropriate Applications

A. Where ponding will not encroach into highway traffic.

B. Where sediment laden surface runoff has the potential to enter an inlet.

C. Whenever street is washed down

D. For dewatering purposes.

III. Standards and Specifications

A. Identify existing and/or planned storm drain inlets that have the potential to receive sediment-laden surface runoff. If storm drain inlet protection is needed, use Type 3 D1 protection or other approved measures.

B. ***DI Protection Type 3 – Sandbag Barrier –*** The sandbag barrier (Type 3) is illustrated on Page 7. Flow from a severe storm shall not overtop the curb. In areas of high clay and silts, use filter fabric and gravel as additional filter media. Construct sandbags in accordance with "Sandbag Barrier".

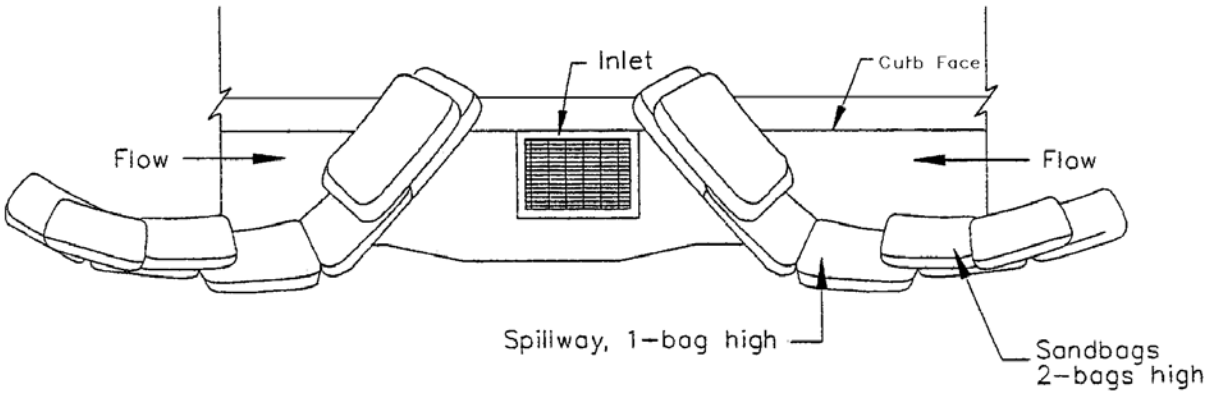
C. Inspect bags for holes, gashes, and snags.

D. Check sandbags for proper arrangement or displacement (per attached detail) Remove the sediment behind the barrier when it reaches one-third the height of the barrier. Removed sediment shall be incorporated in the project at locations designated by the RE or disposed of outside the highway right-of-way in conformance with the Standard Specifications.

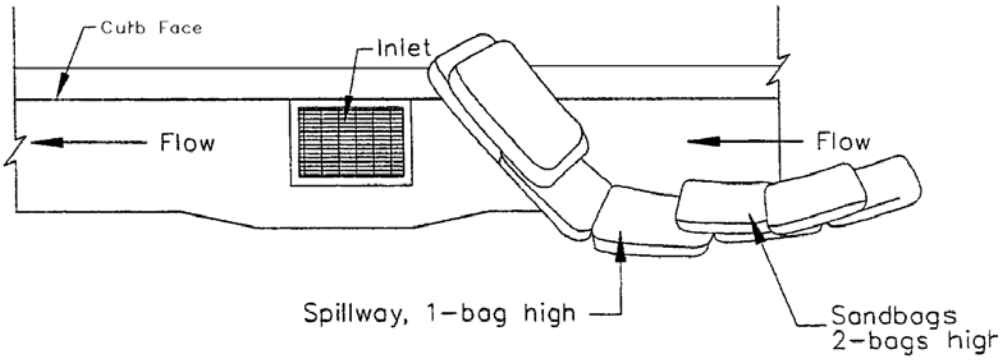
E. Remove all inlet protection devices when the inlet protection is no longer needed.

F. Clean and/or re-grade area around the inlet as appropriate, and clean the inside of the storm drain inlet as it must be free of sediment and debris at the time of final inspection.

Storm Drain Inlet Protection; (continued)



TYPICAL PROTECTION FOR INLET ON SUMP



TYPICAL PROTECTION FOR INLET ON GRADE

D1 Protection Type 3
Notes

NOTES:

1. Intended for short-term use.
2. Use to filter non-storm water flow.
3. Allow for proper maintenance and cleanup.
4. Bags must be removed after adjacent operation is completed.
5. Not applicable in areas with high silts and clays without filter fabric.
6. Silt or sediment must be removed and disposed of in accordance with the Standard Specifications after operations are completed. Washing into storm drains is prohibited.

Stabilized Construction Entrance/Exit

I. Definition and Purpose

a. A stabilized construction access is a defined point of entrance/exit to a construction site that is stabilized to reduce the tracking of mud and dirt onto public roads by construction vehicles.

II. Appropriate Applications

a. Use at construction sites where dirt or mud has the potential to be tracked onto public roads.

b. Use at construction sites where dust is a problem during dry weather conditions.

III. Standards and Specifications

a. Limit the points of entrance/exit to the construction site.

b. Limit speed of vehicles to control dust.

c. Properly grade each construction entrance/exit to prevent runoff from leaving the construction site.

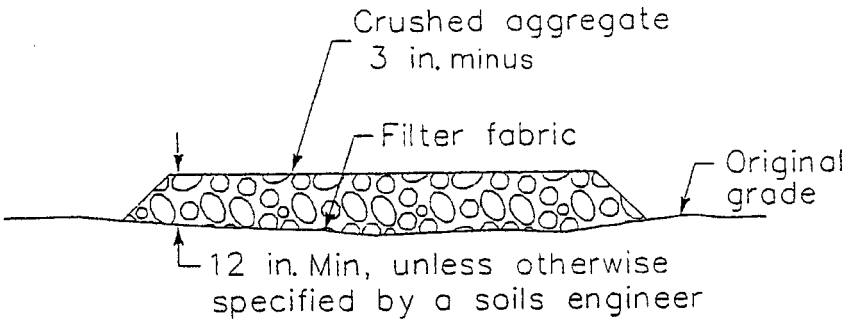
d. Route runoff from stabilized entrances/exits through an approved sediment-trapping device before discharge.

e. Select construction access stabilization (aggregate, asphaltic concrete, concrete) based on longevity, required performance, and site conditions. The use of asphalt concrete (AC) grindings for stabilized construction access/roadway is not allowed. Use Type I.

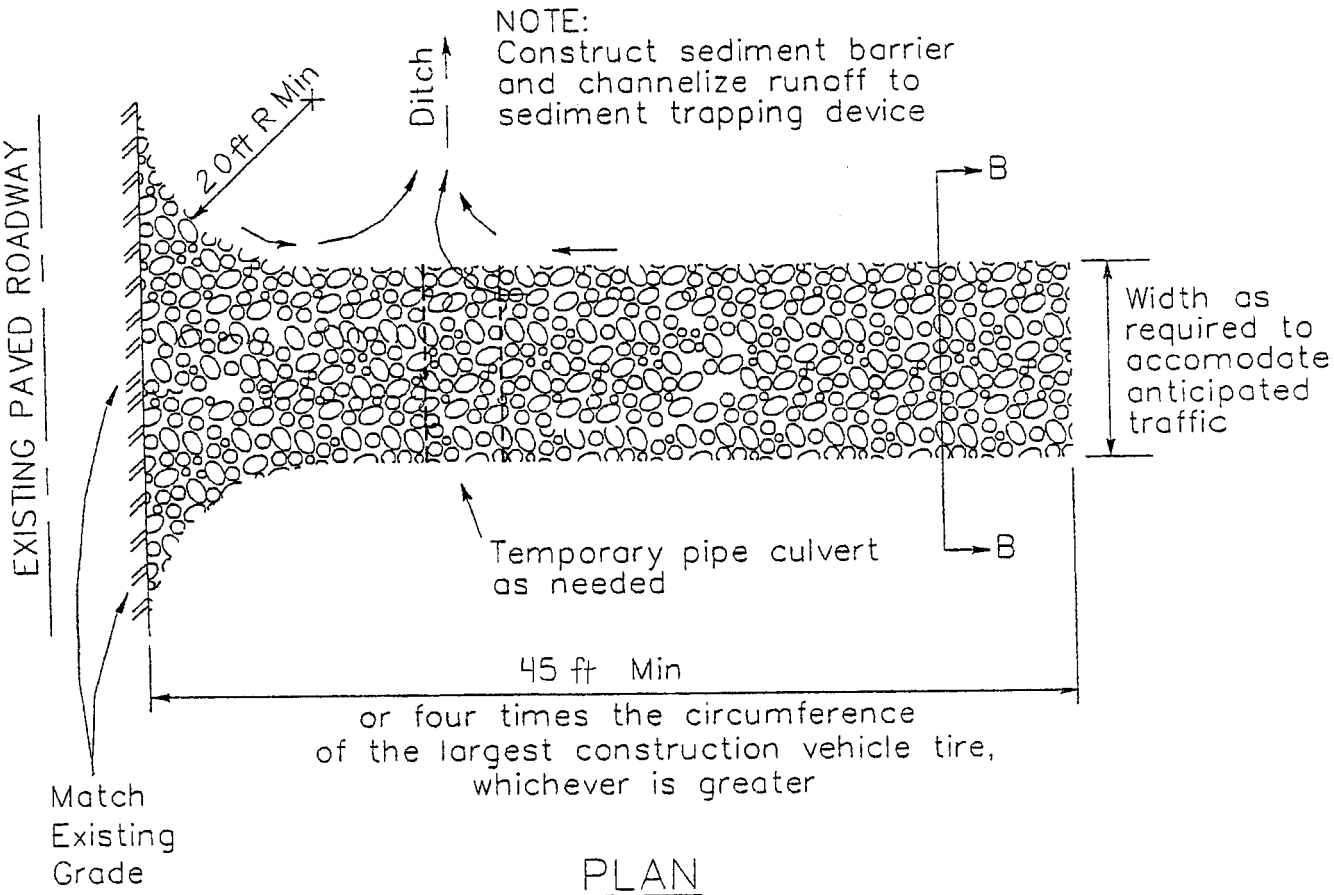
f. If aggregate is selected, place crushed aggregate over geo-textile fabric to at least 300 mm (12 in) depth, or place aggregate to a depth recommended by a geotechnical soils engineer. A crushed aggregate of 75 mm (3 inch minus) shall be used, with the gradation percentage approved by the engineer.

g. All employees, subcontractors, and suppliers shall be required to utilize the stabilized construction access.

Stabilized Construction Entrance/Exit; (continued)



SECTION B–B
NTS



PLAN
NTS

Stabilized Construction Entrance/Exit (Type 1)

Water Conservation Practices

I. Definition and Purpose

Water conservation practices are activities that use water during the construction of a project in a manner that avoids causing erosion and/or the transport of pollutants offsite.

II. Appropriate Applications

A. Water conservation practices are implemented wherever water is used.

B. Applies to all construction projects.

III. Standards and Specifications

A. Keep water equipment in good working condition.

B. Repair water leaks promptly.

C. Do not use water or toxic agents to clean construction areas. Paved areas shall be swept and vacuumed.

D. Direct non-contaminated construction water runoff to areas where it can soak into the ground.

E. Apply water for dust control in accordance with the Caltrans Standard Specifications.

Dewatering Operations

I. Definition and Purpose

Dewatering operations are practices that manage the discharge of pollutants from groundwater and accumulated precipitation dewatering operations. This section does not apply to work within watercourses, where other, more specific, rules apply

II. Appropriate Applications

A. Removal of uncontaminated groundwater.

B. Removal of accumulated rainwater from work areas.

III. Standards and Specifications

A. Contractor shall provide 48 hours notification to the Engineer of planned discharges.

B. Discharges must comply with regional and watershed-specific discharge requirements.

C. Ensure that dewatering discharges do not cause erosion at the discharge point.

D. A filtration device may be substituted for a desilting basin or sediment trap if the Contractor can demonstrate, to the Engineer's satisfaction, that the filtration device provides equivalent or greater removal of suspended solids than the basin.

E. Filter bags may be used for small-scale dewatering operations.

Paving and Grinding Operations

I. Definition and Purpose

Procedures that minimize pollution of storm water runoff during paving operations, including new paving and preparation of existing paved surfaces for overlays.

II. Appropriate Applications

These procedures are implemented where paving, surfacing, resurfacing, or sawcutting, may pollute storm water runoff or discharge to the storm drain system or watercourses.

III. Standards and Specifications

A. Substances used to coat asphalt transport trucks and asphalt spreading equipment shall not contain soap and shall be non-foaming and non-toxic.

B. Place drip pans or absorbent materials under paving equipment while not in use, to catch and/or contain drips and leaks. See also “Liquid Waste Management”.

C. When paving involves asphaltic concrete (AC), the following steps shall be implemented to prevent the discharge of grinding residue, uncompacted or loose AC, tack coats, equipment cleaners, or unrelated paving materials.

1) Do not wash sand or gravel from new asphalt into storm drains, streets, and creeks. Sweeping or other means of removal from the site shall be utilized.

2) AC grindings, pieces, or chunks used in embankments or shoulder backing must not be allowed to enter any storm drains or watercourses.

3) Collect and remove all broken asphalt and recycle when practical; otherwise, dispose in accordance with the Caltrans Standard Specification 7-1.13.

4) Any AC chunks and pieces used in embankments must be placed above the water table and covered by at least 0.3m (1 ft) of material.

5) Use only non-toxic substances to coat asphalt transport trucks and asphalt spreading equipment.

D. Drainage inlet structures and manholes shall be covered with filter fabric or tape during application of seal coat, tack coat, slurry seal, and/or fog seal.

E. Seal coat, tack coat, slurry seal, or fog seal shall not be applied if rainfall is predicted to occur during the application or curing period.

F. Clean asphalt coated equipment off-site. When cleaning dry, hardened asphalt from equipment, manage hardened asphalt debris as described in “Solid Waste Management”. Any cleaning on site shall follow the section of this specification “Vehicle and Equipment Cleaning”.

Paving and Grinding Operations; (continued)

G. Do not wash sweepings from exposed aggregate concrete into a storm drain system. Collect and return to aggregate base stockpile, or dispose of properly.

H. Allow aggregate rinse to settle. Then, either allow rinse water to dry in a temporary pit as described in “Concrete Waste Management”, or pump the water to the sanitary sewer if allowed by the local wastewater authority.

I. Do not allow saw-cut Portland Concrete Cement (PCC or AC) slurry to enter storm drains or watercourses. Residue from grinding operations shall be picked up by means of a vacuum attachment to the grinding machine, shall not be allowed to flow across the pavement, and shall not be left on the surface of the pavement. See also the sections of this specification “Concrete Waste Management”, and “Liquid Waste Management”.

J. When approved by the Engineer, stockpile material removed from roadways shall be kept away from drain inlets, drainage ditches, and watercourses.

K. Do not transfer or load bituminous material near drain inlets, the storm water drainage system or watercourses.

Illicit Connection/Illegal Discharge Detection and Reporting

I. Definition and Purpose

Procedures and practices designed for construction contractors to recognize illicit connections or illegally dumped or discharged materials on a construction site and report incidents to the Engineer.

II. Appropriate Applications

Illicit connection/illegal discharge detection and reporting is applicable anytime an illicit discharge is discovered or illegally dumped material is found on the construction site.

III. Standards and Specifications

A. Contractor shall inspect the site before beginning the job for evidence of illicit connections or illegal dumping or discharges, and shall promptly notify the Project Engineer of such conditions.

B. Contractor shall inspect the site regularly during project execution for evidence of illicit connections or illegal dumping or discharges.

C. Contractor shall observe site perimeter for evidence or potential of illicitly discharged or illegally dumped material that may enter the job site.

D. Contractor shall inspect the site regularly during the project for pungent odors coming from the drainage systems.

E. Contractor shall inspect the site regularly for discoloration or oily substances in the water or stains and residues detained within ditches, channels or drain boxes.

F. Contractor shall inspect the site regularly for abnormal water flow during the dry weather season.

G. Contractor shall inspect the site regularly for unusual flows in subdrain systems used for dewatering.

H. Contractor shall inspect the site regularly for excessive sediment deposits, particularly adjacent to or near active off-site construction projects.

Potable Water/Irrigation

I. Definition and Purpose

Potable Water/Irrigation consists of practices and procedures to reduce the possibility for the discharge of potential pollutants generated during discharges from irrigation water lines, landscape irrigation, lawn or garden watering, planned and unplanned discharges from potable water sources, water line flushing, and hydrant flushing.

II. Appropriate Applications

Implement this Policy whenever the above activities or discharges occur at or enter a construction site.

III. Standards and Specifications

A. Where possible, direct water from off-site sources around or through a construction site in a way that minimizes contact with the construction site.

B. Shut off the water source to broken lines, sprinklers, or valves as soon as possible to prevent excess water flow.

C. Protect downstream storm water drainage systems and watercourses from water pumped or bailed from trenches excavated to repair water lines using storm drain inlet protection measures.

D. Inspect irrigated areas within the construction limits for excess watering. Adjust watering times and schedules to ensure that the appropriate amount of water is being used and to minimize runoff.

E. Repair broken water lines as soon as possible or as directed by the Engineer.

Vehicle and Equipment Cleaning

I. Definition and Purpose

Procedures and practices used to minimize or eliminate the discharge of pollutants from vehicle and equipment cleaning operations to storm drain system or to watercourses.

II. Appropriate Applications

These procedures are applied on all construction sites where vehicle and equipment cleaning is performed.

III. Standards and Specifications

A. On-site vehicle and equipment washing is prohibited.

B. Cleaning of vehicles and equipment with soap, solvents or steam shall not occur on the project site unless the Engineer has been notified in advance and the resulting wastes are fully contained and disposed of outside the street right-of-way in conformance with the provisions in Section 7-1.13 of the Caltrans Standard Specifications. Resulting wastes shall not be discharged or buried within the street right-of-way.

C. Vehicle and equipment wash water shall be contained for percolation or evaporative drying away from storm drain inlets or watercourses and shall not be discharged within the street right-of-way.

D. All vehicles/equipment that regularly enter and leave the construction site must be cleaned off-site.

E. When vehicle/equipment washing/cleaning must occur on-site, and the operation cannot be located within a structure or building equipped with appropriate disposal facilities, the outside cleaning area shall have the following characteristics:

1. Located away from storm drain inlets, drainage facilities, or watercourses.

2. Paved with concrete or asphalt and bermed to contain wash waters and to prevent run-on and runoff.

3. Configured with a sump to allow collection and disposal of wash water.

4. Wash waters shall not be discharged to storm drains or watercourses.

Vehicle and Equipment Fueling

I. Definition and Purpose

Procedures and practices to minimize or eliminate the discharge of fuel spills and leaks into the storm drain system or to watercourses.

II. Appropriate Applications

These procedures are applied on all construction sites where vehicle and equipment fueling takes place.

III. Standards and Specifications

A. On-site vehicle and equipment fueling shall only be used where it's impractical to send vehicles and equipment off-site for fueling.

B. When fueling must occur on-site, the contractor shall select and designate an area to be used, subject to approval of the Engineer.

C. Equipment being fueled shall never be left unattended.

D. Absorbent spill clean-up materials and spill kits shall be available in fueling areas and on fueling trucks and shall be disposed of properly after use. The contractor shall notify the personnel performing fueling of the location of cleanup materials and spill kits.

E. Drip pans or absorbent pads shall be used during vehicle and equipment fueling, unless the fueling is performed over an impermeable surface in a dedicated fueling area.

F. Dedicated fueling areas shall be protected from storm water run-on and runoff, and shall be located at least 15 m (50') from downstream drainage facilities and watercourses. Fueling must be performed on level-grade areas.

G. Nozzles used in vehicle and equipment fueling shall be equipped with an automatic shut-off to control drips. Fueling operations shall not be left unattended.

H. Protect fueling areas with berms and/or dikes to prevent run-on, runoff, and to contain spills.

I. Use vapor recovery nozzles to help control drips as well as air pollution where required by Air Pollution Control District (APCD).

J. Fuel tanks shall not be "topped off."

K. Vehicles and equipment shall be inspected by the contractor on each day of use for leaks. Leaks shall be repaired immediately or problem vehicles or equipment shall be removed from the project site.

L. Absorbent materials shall be used on small spills instead of hosing down or burying techniques.

M. Mobile fueling of construction equipment throughout the site shall be minimized. Whenever practical, equipment shall be transported to the designated fueling area.

Vehicle and Equipment Maintenance

I. Definition and Purpose

Procedures and practices to minimize or eliminate the discharge of pollutants to the storm drain system or to watercourses from vehicle and equipment maintenance procedures.

II. Appropriate Applications

These procedures are applied on all construction projects where an on-site yard area is necessary for storage and maintenance of heavy equipment and vehicles.

III. Standards and Specifications

A. Drip pans or absorbent pads shall be used during vehicle and equipment maintenance work that involves fluids, unless the maintenance work is performed over an impermeable surface in a dedicated maintenance area.

B. All fueling trucks and fueling areas are required to have spill kits and/or use other spill protection devices. Contractor instruct all personnel involved in fueling operations in proper use of spill kits and related devices.

C. Dedicated maintenance areas shall be protected from storm water run-on and runoff, and shall be located at least 15 m (50') from downstream drainage facilities and watercourses.

D. Absorbent spill clean-up materials shall be available in maintenance areas and shall be disposed of properly after use. Substances used to coat asphalt transport trucks and asphalt spreading equipment shall be non-toxic. Drainage inlet structures and manholes shall be covered with filter fabric when seal coat, tack coat, slurry seal, or fog seal is applied to adjacent surfaces.

E. Use off-site maintenance facilities.

F. Properly dispose of used oils, fluids, lubricants and spill cleanup materials.

G. Do not dump fuels and lubricants onto the ground.

H. Do not place used oil in a dumpster or pour into a storm drain or watercourse.

I. Properly dispose of or recycle used batteries.

J. Do not bury used tires.

K. Repair leaks of fluids and oil immediately.

L. Provide spill containment dikes or secondary containment around stored oil and chemical drums.

Vehicle and Equipment Maintenance; (continued)

M. Vehicles and equipment shall be inspected on each day of use. Leaks shall be repaired immediately or the problem vehicle(s) or equipment shall be removed from the project site.

N. Inspect equipment for damaged hoses and leaky gaskets routinely. Repair or replace as needed.

Stockpile Management

I. Definition and Purpose

Procedures and practices to reduce or eliminate pollution of storm water from stockpiles of soil, and paving materials such as Portland cement concrete (PCC) rubble, asphalt concrete (AC), asphalt concrete rubble, aggregate base, aggregate sub-base or pre-mixed aggregate and asphalt binder (also called “cold mix” asphalt).

II. Appropriate Applications

Implemented in all projects that stockpile soil and paving materials.

III. Standards and Specifications

A. Protection of stockpiles is a year-round requirement.

B. Locate stockpiles away from concentrated flows of storm water, drainage courses, and inlets.

C. Protect all stockpiles from silt run-off by using a temporary perimeter sediment barrier such as silt fences, sandbag barriers, or straw wattles(fiber rolls).

D. During the rainy season, soil stockpiles shall be covered or protected with soil stabilization measures and a temporary perimeter sediment barrier at all times.

E. During the non-rainy season, soil stockpiles shall be either covered or protected with a temporary perimeter sediment barrier prior to the onset of precipitation.

F. Stockpiles of Portland cement concrete rubble, asphalt concrete, asphalt concrete rubble, aggregate base, or aggregate sub-base shall be either covered or protected with a temporary perimeter sediment barrier prior to the onset of precipitation.

G. Stockpiles of “cold mix” shall be placed on and covered with plastic or comparable material prior to the onset of precipitation.

Spill Prevention and Control

I. Definition and Purpose

These are procedures and practices implemented to prevent and control spills in a manner that minimizes or prevents the discharge of spilled material to the drainage system or watercourses.

II. Appropriate Application

This Policy applies to all construction projects. Spill control procedures are implemented anytime chemicals and/or hazardous substances are stored. Substances may include, but are not limited to:

A. Fuels

B. Lubricants

C. Other petroleum distillates

III. Standards and Specifications

A. To the extent that it doesn't compromise clean up activities, spills shall be covered and protected from storm water run-on during rainfall.

B. Spills shall not be buried or washed with water.

C. Water used for cleaning and decontamination shall not be allowed to enter storm drains or watercourses and shall be collected and disposed of in accordance with "Liquid Waste Management".

D. Water overflow or minor water spillage shall be contained and shall not be allowed to discharge into drainage facilities or watercourses.

IV. Clean up and Storage Procedures

A. Minor spills typically involve small quantities of oil, gasoline, paint, etc. which can be controlled by the first responder at the discovery of the spill.

B. Use absorbent materials on small spills. Do not hose down or bury.

C. Semi-significant spills still can be controlled by the first responder along with the aid of the other personnel such as laborers and the foreman, etc. This response may require the cessation of all other activities.

D. Clean up spills immediately.

E. If the spill occurs on paved or impermeable surfaces, clean up using "dry" methods (absorbent materials, cat litter and/or rags). Contain the spill by encircling with absorbent materials and do not let the spill spread widely.

Spill Prevention and Control; (continued)

F. If the spill occurs in dirt areas, immediately contain the spill by constructing an earthen dike. Dig up and properly dispose of contaminated soil.

G. If the spill occurs during rain, cover spill with tarps or other material to prevent contaminating runoff.

Solid Waste Management

I. Definition and Purpose

These are procedures and practices to minimize or eliminate the discharge of pollutants to the drainage system or to watercourses as a result of the creation, stockpiling, and removal of construction site wastes.

II. Appropriate Applications

A. Solid wastes include but are not limited to:

1) Construction wastes including brick, mortar, timber, steel and metal scraps, pipe and electrical cuttings, non-hazardous equipment parts, Styrofoam and other materials used to transport and package construction materials.

2) Highway planting wastes, including vegetative material, plant containers, and packaging materials.

3) Litter, including food containers, beverage cans, coffee cups, paper bags, plastic wrappers, and smoking materials, including litter generated by the public.

III. Standards and Specifications

A. Littering on the project site shall be prohibited.

B. To prevent clogging of the storm drainage system, litter and debris removal from drainage grates, trash racks, and ditch lines shall be performed weekly.

C. Trash receptacles shall be provided in the Contractor's yard, field trailer areas, and at locations where workers congregate for lunch and break periods.

D. Litter from work areas within the construction limits of the project site shall be collected and placed in water tight dumpsters at least weekly regardless of whether the litter was generated by the Contractor, the public, or others. Collected litter and debris shall not be placed in or next to drain inlets, storm water drainage systems or watercourses.

E. Storm water run-on shall be prevented from contacting stored solid waste through the use of berms, dikes, or other temporary diversion structures or through the use of measures to elevate waste from site surfaces.

F. Solid waste storage areas shall be located at least 15 m (50') from drainage facilities and watercourses and shall not be located in areas prone to flooding or ponding.

G. Dumpster washout on the project site is not allowed.

H. Toxic liquid wastes (used oils, solvents, and paints) and chemicals (acids, pesticides, additives, curing compounds) shall not be disposed of in dumpsters.

Concrete Waste Management

I. Definition and Purpose

These are procedures and practices that are implemented to minimize or eliminate the discharge of concrete waste materials to the storm drain system or to watercourses.

II. Appropriate Applications

A. Concrete waste management practices are implemented on construction projects where concrete is used as a construction material or where concrete dust and debris result from demolition activities.

B. Where slurries containing Portland cement concrete (PCC) or asphalt concrete (AC) are generated, such as from sawcutting, coring, grinding, grooving, and hydro-concrete demolition.

C. Where concrete trucks and other concrete-coated equipment are washed on site, when approved by the Engineer. See also Vehicle and Equipment Cleaning.

D. Where mortar-mixing stations exist.

III. Standards and Specifications

A. PCC and AC waste shall not be allowed to enter storm drains or watercourses.

B. PCC and AC waste shall be collected and disposed of outside the highway right-of-way in conformance with section 7-1.13 of the Caltrans Standard Specifications or placed in a temporary concrete washout facility.

C. Below grade concrete washout facilities are typical. Above grade facilities are used if excavation is not practical.

D. Do not allow slurry residue from wet coring or saw-cutting AC or PCC to enter storm drains or receiving waters by:

1. Placing temporary berms or sandbags around coring or saw-cutting locations to capture and contain slurry runoff.

2. Placing straw bales, straw wattles(fiber rolls), sandbags, or gravel dams around inlets to prevent slurry from entering storm drains.

E. Vacuum slurry residue and dispose.

F. Temporary concrete washout facilities shall be located a minimum of 15 m (50 ft) from storm drain inlets, open drainage facilities, and watercourses, unless determined unfeasible by the engineer. Each facility shall be located away from construction traffic or access areas to prevent disturbance or tracking.

Concrete Waste Management; (continued)

G. Temporary concrete washout facilities shall be constructed above grade or below grade at the option of the Contractor. Temporary concrete washout facilities shall be constructed and maintained in sufficient quantity and size to contain all liquid and concrete waste generated by washout operations.

H. Temporary washout facilities shall have a temporary pit or bermed areas of sufficient volume to completely contain all liquid and waste concrete materials generated during washout procedures.

I. Perform washout of concrete trucks in designated areas only.

J. Once concrete wastes are washed into the designated area and allowed to harden, the concrete shall be broken up, removed, and disposed of per “Solid Waste Management”.

K. Temporary concrete washout facilities shall be constructed as shown on the plans, with a recommended minimum length and minimum width of 3 m (10’), but with sufficient quantity and volume to contain all liquid and concrete waste generated by washout operations. The length and width of a facility may be increased, at the Contractor’s expense, upon approval of the engineer.

L. Existing facilities must be cleaned, or new facilities must be constructed and ready for use once the washout is 75% full.

Sanitary/Septic Waste Management

I. Definition and Purpose

Procedures and practices to minimize or eliminate the discharge of construction site sanitary/septic waste materials to the storm drain system or to watercourses.

II. Appropriate Applications

Sanitary/septic waste management practices are implemented on all construction sites that use temporary or portable sanitary/septic waste systems.

III. Standards and Specifications

A. Temporary sanitary facilities shall be located away from drainage facilities, watercourses, and from traffic circulation. When subjected to high winds or risk of high winds, as determined by the Engineer, temporary sanitary facilities shall be secured to prevent overturning.

B. Wastewater shall not be discharged or buried within the street right-of-way.

C. Ensure that sanitary/septic facilities are maintained in good working order by a licensed service.

D. Use only reputable, licensed sanitary/septic waste haulers.

Liquid Waste Management

I. Definition and Purpose

Procedures and practices to prevent discharge of pollutants to the storm drain system or to watercourses as a result of the creation, collection, and disposal of non-hazardous liquid wastes.

II. Appropriate Applications

Liquid waste management is applicable to construction projects that generate any of the following non-hazardous liquid wastes.

A. Drilling slurries and drilling fluids.

B. Grease-free and oil-free wastewater and rinse water.

C. Dredgings.

D. Other non-storm water liquid discharges not permitted by separate permits.

III. Standards and Specifications

A. Drilling residue and drilling fluids shall not be allowed to enter storm drains and watercourses and shall be disposed of outside the street right-of-way as approved by the engineer.

B. Liquid wastes generated as part of an operational procedure, such as water-laden dredged material and drilling mud, shall be contained and not allowed to flow into drainage channels or receiving waters prior to treatment.

C. Contain liquid wastes in a controlled area, such a holding pit, sediment basin, or portable tank.

D. Containment devices must be structurally sound and leak free.

E. Do not locate containment areas or devices where accidental release of the contained liquid can threaten health or safety, or discharge to water bodies, channels, ground water, or storm drains.

F. Capture all liquid wastes running off a surface that has the potential to affect the storm drainage system, such as wash water and rinse water from cleaning walls or pavement.

G. Do not allow liquid wastes to flow or discharge uncontrolled. Use temporary dikes or berms to intercept flows and direct them to a containment area for capture.

H. If the liquid waste is sediment laden, use a sediment trap for capturing and treating the liquid waste stream, or capture in a containment device and allow sediment to settle.

I. If necessary, further treat liquid wastes prior to disposal. Treatment may include, though is not limited to, sedimentation, filtration, and chemical neutralization.

City of Santa Barbara Operations Division Stormwater Pollution Prevention Plan

Facilities Worksheet

Facility Name: **WATER DISTRIBUTION SYSTEM**	**Site Address: CITY OF SANTA BARBARA**
Contact Name: JON PEEBLES	**Phone: 564-5413**

Use of Best Management Practices to Control Polluted Runoff

Water Distribution System staff will apply City specified best management practices in the course of all construction, maintenance, repair and operations of the water distribution system, as detailed in *Procedures for the Control of Runoff into Storm Drains and Watercourses*. The most commonly used of these BMPs are described below. Other BMPs from the *Procedures* will be used as necessary.

BMP LIST

Vehicle and Equipment Fueling

BMPs employed: 1. Spill kits provided. 2. Refuel away from drain. 3. Equipment being fueled shall never be left unattended. 4. Absorbent spill clean-up materials and spill kits shall be available in fueling area. 5. Fuel tanks shall not be topped off. 6. Absorbent material shall be used on small spills, no hosing down.
Measurable Goal: Number of spill kits installed; date of training

Vehicle and Equipment Cleaning

BMPs employed 1. Wash vehicles in City Wash station or at commercial car wash. 2. When washing somewhere other than (1) Capture all liquid wastes running off a surface that has the potential to affect the storm drainage system, such as wash water and rinse water from cleaning area. 3. Do not allow liquid wastes to discharge uncontrolled.
Measurable Goal: Training. Date of training

Water Line Breaks – Non Storm Water Discharge

BMPs employed 1. Shut down water. 2. Clean up sediment discharged from break. 3. Planned discharges must comply with Regional and Watershed specific discharge requirements. Dechlorinate all replacement pipe following disinfection of pipe. 4. Use appropriate source control or inlet protection, such as gravel bed, filter bags, fiber rolls, sand bag barriers as necessary when discharging from excavation site. 4. Ensure that there is no erosion from discharge by inspecting discharge to drain inlet or channel. Use appropriate construction BMPs.
Measurable Goal: Training; fiber rolls, sand bags, silt bags and dechlor socks on all service trucks.

Construction: Trench Excavation

BMPs employed 1. Any excavation shall be covered or plated at all times during construction before leaving the site for more than eight hours. 2. Backfill shall meet the requirements and specifications for Public Works Construction, current edition. 3. Bedding and backfill shall be compacted mechanically and compaction tested. 4. Trenches in unpaved areas shall be re-inspected after rainy season.
Measurable Goal: List of breaks for unpaved areas; inspection after rains; follow City Standards. Number of inspections

Construction: De-watering Operations

BMPs employed 1. (48) hour notification of planned discharges. 2. Discharges must comply with Regional and Watershed specific discharge requirements 3. Ensure that discharge does not cause erosion. 4. Use a filter device, filter bags, sand bag barriers or BMP as appropriate to control for sediment discharge.
Measurable Goal: Notify affected parties within 48 hours; monitor dewatering. Number of notifications.

Construction: Paving & Grinding Operations; Concrete Waste Management

BMPs employed 1. Vacuum slurry residue from sawing and boring concrete, and clean up and dispose of remains. 2. Capture concrete wastewater discharge in a containment device and allow sediment to settle. 3. When doing a pour, use inlet protection such as fiber rolls or sand bag barrier. 4. Order only enough concrete for the pour to minimize waste. 5. Recycle concrete or dispose of concrete waste to landfill.
Measurable Goal: Install vacuum cleaners for cement cutting.

Construction: Paving & Grinding Operations; Concrete Waste Management

BMPs employed 1. Vacuum slurry residue from sawing and boring concrete, and clean up and dispose of remains. 2. Capture concrete wastewater discharge in a containment device and allow sediment to settle. 3. When doing a pour, use inlet protection such as fiber rolls or sand bag barrier. 4. Order only enough concrete for the pour to minimize waste. 5. Recycle concrete or dispose of concrete waste to landfill. Do not leave material in streets at the end of workday.
Measurable Goal: Implement policy that no materials will be left in street at end of workday.

Spill Prevention and Control

BMPs employed 1. Clean up spills immediately. 2. Use absorbent materials (cat litter and or rags) to cleanup. 3. Spill kits will be placed on equipment and at yard locations. All staff will be trained in spill response and location of spill kits..
Measurable Goal: Provide Spill Kits and training.

Equipment Parking Storage

BMPs employed 1. Report all fluid leaks and drips for immediate repair. Place drip pans beneath leaks or drips until repairs are completed. Cleanup drips and leaks with absorbent pads. 2. Absorbent spill clean up materials shall be available.
Measurable Goal: Provide spill kits; report and repair leaks; monthly vehicle inspections; staff training.

Staff Training

1. Water Distribution Staff will receive two storm water BMP training sessions annually.

Facility Checklist

1. Type and Quantity of Materials Used

Material	Typical Quantity/Frequency	Is stored material likely to generate pollutants?
Sand	100 yards/daily	Yes
Asphalt	10 tons	Yes
Pipes, pvc, d.i.p., steel	80 feet each	Yes
Gravel	100 tons/daily	Yes

2. History of Spills and Leaks

a) Is there a history of chronic leaks and spills? Yes ( ) No (x)
b) Is there evidence of leaks and drips from equipment and machinery? Yes (x) No ( )
c) Is there a spill prevention and response plan? Yes (x) No ( )
d) Are appropriate spill containment and cleanup materials kept onsite in convenient locations? Yes (x) No ( )
e) Are used absorbent materials removed and disposed of in a timely manner? Yes (x) No ( )
f) Are personnel regularly trained in the use of spill control materials? Yes (x) No ( )

3. Non-Stormwater Discharges

a) Outfall directly observed during assessment? Yes (x) No ( )
b) Are BMPs in place to prevent, treat or control non-stormwater discharges? Yes (x) No ( )
c) Is there a potential for non-stormwater discharges (non-stormwater sources observed without BMPs in place) Yes (x) No ( )

4. Size and Type of Facility

a) Total area _____
b) Impervious area _____

5. Proximity to Receiving Water

Does the water body discharge directly or adjacent to a 303(d) listed water body or other environmentally sensitive area? Mission Creek Watershed .

STORM WATER POLLUTION PREVENTION PLAN FOR WASTEWATER COLLECTION

The Wastewater Collection Section is committed to the preservation of our coastal community.

The City operates and maintains a 277-mile sewage collection system serving a population of approximately 95,000. In addition to the piping in the City's collection system, which vary in diameter from 4 to 42 inches, the system also includes 10 inverted siphons, 9 pumping (lift) stations located at 9 different sites, their associated pressurized force mains, and over 7,000 access structures (manholes and cleanouts). There is one satellite collection system serving the Mission Canyon area which is owned by Santa Barbara County and is operated and maintained by the City. The Mission Canyon wastewater collection system consists of approximately five miles of gravity sewers and two lift stations. It is also estimated that there are more than 350 miles of "house laterals", most of which are 4 inches in diameter. Property owners own their "house laterals" and are responsible for the condition and maintenance of the sewer lateral that runs from their building drain to the public sewer main.

In order to ensure that our local creeks and ocean are protected from sewage discharges entering the storm drain system, Wastewater Collection has established a number of programs that are designed to maintain the City's sewer system in order to help reduce overflows that may flow into the street and into the storm drain system. In addition, food establishments are being monitored in our Pretreatment Program to ensure that fats, oil and grease (FOG) are also properly disposed of, and not dumped into the sewer system or allowed to flow into the storm drain system.

The Wastewater Collection Storm Water Pollution Prevention Plan described below includes a list of established programs as well as the various steps being taken to ensure that our local creeks and ocean are protected from sewage entering the storm drain system.

1. **Prevention of Sanitary Sewer Overflows (SSOs)**

    a. Sewer Lateral Inspection Program (SLIP) requiring property owners to inspect and or repair their private lateral.
    b. Proactive, preventive, and corrective maintenance of the public sewer system.
    c. CCTV inspections to identify conditions that have the potential to cause a sewer system overflow (SSO).
    d. Failure analysis review to determine the cause following the occurrence of an SSO.
    e. Routine inspection and preventative maintenance of sewage lift stations.
    f. Capital rehabilitation and replacement of identified locations in the public sewer system.
    g. Employment of a computer-based maintenance management system to assist in scheduling and tracking maintenance activities.

2. **Prevention Measures for Infiltration and Inflow (I/I)**

   a. Wastewater Collection has an ongoing program to identify and eliminate sources of I/I. The elements of the program include:

      i. Dye/smoke testing, CCTV inspection, and creek crossing inspections to identify sources of I/I.
      ii. Repair, rehabilitation and replacement of gravity sewers that exhibit high levels of I/I.
      iii. The installation of manhole dish inserts and the replacement of manhole frames and covers.
      iv. Hydraulic modeling to assist in the analysis of flow data.

3. Sewage Overflow Procedures

   a. Overflows from private laterals or from the public sewer system are handled as follows:

      i. Upon notification, crews are dispatched immediately to the location of the overflow.
      ii. Sewage overflow is contained, controlled and recovered when practical.
      iii. Sandbags and poly plastic sheets are used to protect storm drain inlets.
      iv. Affected areas may be washed down and disinfected when practical.
      v. All attempts are made to recover total sewage overflows in contact with the storm drainage system.
      vi. When practical, wash water is allowed to enter the storm drain system and recovered at the next downstream inlet.
      vii. Recovered sewage and wash down water is properly disposed of back into the public sewer system.
      viii. If a private lateral spill occurs, the City may discontinue water service until the spill is abated.

4. Elimination of discharges of fats, oils and grease (FOG) into the sewer system

   a. Wastewater Collection has an established Pretreatment program. A component of that program requires an effective Fats, Oil and grease (FOG) control program for food establishments that may include the installation of grease removal devices (grease traps, interceptors), design standards for the grease removal devices, maintenance requirements, Best Management practices, and appropriate record keeping and reporting.
   b. Food establishments throughout the City of Santa Barbara are being monitored on a routine basis and are required to correct any deficits in their proper discharge or removal of fats, oils and grease.

5. **Housekeeping Practices**

   a. Housekeeping practices include:
      i. Wastewater Collection's inside and outside administrative areas are routinely swept clean of litter which is then disposed of in an appropriate trash container.
      ii. Wastewater Collection staff is trained in the use appropriate cleanup techniques for chemical or oil spills (i.e. scatter absorbent materials on the spill, let it completely dry, and dispose of it in the appropriate trash bin).
      iii. No chemicals are ever poured or washed into the storm drain or sink.

iv. Soapy water from mops or wash buckets is only discharged to the sanitary sewer through the sink, toilet, cleanout or wash area drain.

6. Staff Training

a. Wastewater Collection staff is trained on proper chemical use and on proper disposal practices for any of these items.
b. Wastewater Collection staff is trained on proper techniques to handle sewer overflows.
c. Wastewater Collection staff is trained on proper labeling, sealing and storing of assorted products.
d. Wastewater Collection staff is trained about the contents of Material Safety Data Sheets and their location(s).
e. Wastewater Collection vehicles are inspected in-house on a daily basis, and washed and cleaned on an as needed schedule at the City Annex Yard where appropriate washing and disposal techniques have been established.

Contact Information:

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STORM WATER POLLUTION PREVENTION PLAN

Transportation & Parking Division

The City of Santa Barbara, Public Works Department, and Transportation & Parking Division is committed to the preservation of our coastal community. The Downtown Parking program is responsible for the maintenance and operation of 14 public parking lots, including 9 surface lots, and 5 multi-level garages with over 3000 parking spaces. These parking facilities serve over 5 million vehicles annually. This Storm Water Prevention Pollution Plan will outline the steps necessary to ensure that our local creeks and ocean are protected from pollutants entering the storm drain system.

Parking Garage and Parking Lot Cleaning

Best Management Practices

Sidewalks and Paseo's with soap

- Before washing begins, sweep or shovel and dispose of debris in the trash.
- Apply signage and secure area to assure public safety.
- Wash water is not allowed in the storm drain to the street.
- Seal storm drains with an impervious material before washing begins.
- Vacuum or pump the wash water into a holding tank, once holding tank is full water will be discharged into sanitary sewer.
- Use the least toxic cleaning products that will get the job done. Use "Green Seal" certified products when possible

Sidewalks and Plazas - without soap

- Apply signage and secure area to assure public safety.
- Before washing begins, sweep and pick up all debris.
- Direct wash water to landscape, sanitary sewer, or into runoff recovery tank for disposal to sanitary sewer.
- Seal all storm drains with a fabric filter to collect dirt and debris.
- Sweep areas that collect heavy dust prior to hosing operations, Dispose of dirt into trash bin.

Surface cleaning with soap

- Wash water is not allowed to enter the storm drain, street or any other area outside the property limits.
- Wash water must be directed toward the sanitary sewer or collected and discharged to sanitary sewer.
- Using untreated wash water from parking areas for landscape irrigation is not advised if detergent is being used
- Seal storm drains with an impervious material before washing begins.

Surface cleaning without soap

- Before washing begins, sweep, shovel, and dispose of debris in trash.
- Direct wash water to landscape or sanitary sewer.
- Clean all equipment in a contained area and do not hose wastes down drain or street.
- Keep all areas clean and free of spill hazards.

Drive-ways, Drive-through and parking areas

- Wash water is not allowed in the storm drain or street.
- Dry clean oil deposits with the absorbent and dispose of the waste in a trash receptacle.
- If using water for cleaning, Seal storm drains with impervious material before washing begins.
- Wash water must be directed toward the sanitary sewer or collected and discharged to sanitary sewer

Housekeeping Practices

- Soapy water remaining in the mop or wash buckets should be discharged to the sanitary sewer through the sink, toilet, clean-out or wash area with drain.
- Routinely sweep, Shovel and dispose of litter in the trash bin.
- Use dry clean-up techniques for chemical or oil spill, (I.E. Scatter absorbent on the spill, let it completely absorb then sweep it all up and dispose of it in the trash bin)
- Never pour or wash chemicals into the storm drain or street.
- ONLY RAIN DOWN THE DRAIN!

Training

- Personnel will be properly trained on chemical use, Safety and proper disposal practices.
- Educate employees on proper disposal and handling procedures.
- Train all employees in the waste control, disposal, spill, and response techniques.
- Ensure all products are sealed; labeled and material safety data sheets are available in the work area.
- Train all employees about Material Safety Data Sheets.

Spill Procedures

- In case of a spill:
- Stop the spill at the source.
- Contain the spill until cleanup is completed.
- Use oil containment booms if water contamination is possible.
- Ventilate area if necessary
- Cover the spill with an absorbent or neutralizer.
- (Refer to material safety data sheets)
- Dispose of clean up materials properly.
- Do not use an emulsifier or dispersing agent.

CONTACT INFORMATION

Dion Tait
Parking Supervisor
1221 Anacapa Street
Santa Barbara, CA 93101
TEL: 805-564-5656
FAX: 805-564-5655
dtait@santabarbaraCA.gov

Daily Lot Maintenance Log

Date: 12-28-09 Lot No. 2 Name: STEVE PERRY
MONDAY -

Lot Condition (i.e. Graffiti, trash, and vandalism)

TRASH - LITE - ALL LEVELS.

Time	
Start: 600	Finish: 700

Clean up done

CLEAN UP DONE, PICK UP ALL LEVELS

CHANGED ALL TRASH BAGS.

OPEN, INSPECTED RESTROOM - CLEAN.

General Condition of stairs & elevators

STAIRS TO PASEO DIRTY,
ELEVATORS NEED SWEEPING.

Time	
Start:	Finish:

Clean up done

SWEPT STAIRS, SWEPT BOTH ELEVATORS

Fluid spills (i.e. water, oil and other)

ZIP

Time	
Start:	Finish:

Clean up done

Specifications For

Power Washing and Floor Cleaning
At

City Of Santa Barbara Downtown Parking Facilities
1221 Anacapa Street
Santa Barbara, CA 93101

November 21st, 2007

Issued by: City of Santa Barbara, Public Works Department
Transportation & Parking Division

Prepared by: Dion Tait
Parking Supervisor, Transportation & Parking Division

Reviewed by: Victor Garza
Parking Superintendent, Transportation & Parking Division

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SECTION 01000 - GENERAL CONDITIONS

1.00 DESCRIPTION OF WORK

The work includes cleaning 5 City owned parking structures including:

Chapala Street Garage (Lot 2) 914 Chapala Street, 4.5 levels, 569 parking spaces

Granada Garage (Lot 6), 1221 Anacapa Street, 6 levels, 565 parking spaces

Library Garage (Lot 7), 1115 Anacapa Street, 4 levels, 266 parking spaces

Lobero Garage (Lot 9), 921 Anacapa Street, 3 levels, 264 parking spaces

Ortega Garage (Lot 10), 621 Anacapa Street, 4.5 levels 546 parking spaces

The work in general consists of cleaning all ceilings, floors, walls, doors and frames, columns, metals, ductwork, piping, handrails, and stairwells, and the removal and disposal of debris, litter, dirt, gum, and wash water generated by the cleaning operation. All parking garages are used by permit and hourly parking, accessible 24 hours.

1.01 DESIGNATED CITY REPRESENTATIVE

All communications and interface, including written correspondence by the Contractor, shall be with the Public Works Department, Downtown Parking Division 1221 Anacapa Street, Santa Barbara, CA 93101. Phone: (805) 564-5656.

Project Contact: Dion Tait, Parking Supervisor, (805) 564-5656 or (805) 448-9984.

1.02 PROJECT SCHEDULE

Work shall begin within 30 calendar days after receiving Notice to Proceed, and shall be complete within 30 calendar days after start date.

The Garages may be closed to traffic for cleaning activities between the hours of 11:00p.m. until 6:00 a.m. and the nights of Sunday through Thursday. Any cleaning activities performed while the garage is open must have prior approval from the project manager after review of the traffic control plan.
The Contractor shall submit a schedule to the City for approval prior to the start of work

1.03 CONTRACTOR'S QUALIFICATIONS

All work shall be performed by a contractor licensed by the State of California for this type of work.

1.04 CONTRACTOR SUPERVISION

Contractor shall supply project superintendent, other than lead position, for the supervision and direction of the construction area. Project superintendent shall be present on site for daily briefing with City's project manager.

1.05 PREWASH MEETING

The City shall schedule a prewash meeting to review the project with the Contractor. At this meeting, the Contractor shall furnish to the project manager, for review and approval, two (2) copies of the schedule covering various phases of the operations, the traffic control plan, and all required submittals. The approved progress schedule shall be adhered to throughout the Contract. Contractor shall also provide emergency phone numbers for after-hour calls at this meeting.

1.06 PROTECTION OF EXISTING BUILDING

Contractor shall use proper and diligent care to protect any and all property on or adjacent to the site belonging to the City, or others, including vehicle, equipment, existing buildings, structures and utilities not designated for power washing. The Contractor shall repair or replace at no cost to the City, all existing improvements which are damaged as a result of the cleaning operations. The Contractor shall immediately notify the City of Santa Barbara Police Department of any damage, which affects the integrity, or security of any structure or property. The Contractor shall also notify the Project Manager and make temporary repairs required to secure the structure or property until such time as permanent repairs can be completed.

1.07 SITE CONDITIONS

Before beginning work, the Contractor shall compare actual site conditions with the requirements of the specifications, and shall verify all existing conditions and dimensions. Should any discrepancy be found, report it immediately to the Project Manager before proceeding with the work.

1.08 WORKMANSHIP

Fieldwork shall be performed by skilled surface cleaners experienced in practical pollution practices and techniques for proper cleaning and wash water disposal. All work on this project shall be done in accordance with the best management practices of the various trades involved.

1.09 OTHER CONTRACTS AND SUBCONTRACTS

General Contractor is responsible for all work performed by subcontractors.

1.10 PARKING AND STORAGE OF MATERIALS OR EQUIPMENT

A. Contractor is solely responsible for the storage of all equipment and materials.

1.11 TRAFFIC CONTROL

The Contractor shall submit a traffic control plan showing the method of warning, directing and guiding traffic for re view and approval by the Project Manager. The Contractor shall post "No Parking" signs in areas where work is to be done at least 72 hours prior to work being performed. Notification shall consist of City-furnished "No Parking" signs posted in front of each stall to be closed.
Areas that are to be closed to parking shall be re-opened daily at 6:00 a.m. for normal parking and work shall be staged such that not more than one parking garage will be closed at any one time without authorization from the Project Manager. Any work during the day must be staged so that not more than 30% of the available parking is closed at any time.

1.12 SAFETY AND HEALTH REQUIREMENTS

Contractor shall post and maintain all signs, notices, barricades and other safeguards required by law, ordinance or good judgment. The Contractor shall bear full responsibility for the protection and safety of members of the public, City and Contractor personnel, materials, and surfaces in the vicinity of the work being performed.

City retains the right to stop work if Contractor does not comply with all required safety procedures. No additional time will be authorized to the contract for this reason.

1.13 NOISE ORDINANCE

The City will issue an exemption permit from the City Noise Ordinance for the scheduled days of the project upon a showing by the successful respondent that an investigation of the available noise abatement techniques for this process within the hour limits as well as the decibel limits of Chapter 9.10 of the Municipal code would be impractical and unreasonable. The exception permit will be conditioned to minimize public detriment.

1.14 WATER USAGE

The Contractor shall provide and use a backflow prevention device when using City provided water spigots at the work site. Water may also be obtained from any City fire hydrant. The Contractor shall obtain and pay a rental fee for a fire hydrant water meter and shall pay for all hydrant water used. Contact the Public Works Engineering Department (805) 563-5388 for instructions. A $900 deposit is required.

1.15 WASTE DISPOSAL

Contractor shall be responsible for collection and disposal of all wastewater in compliance with all applicable local, state and federal regulations. Wastewater includes all water from the washing of parking facilities.

Deleted: The Contractor shall

Contractor shall provide City with written advanced notification of proposed plan for disposal of waste materials.

1.16 STORM DRAIN PROTECTION

The Contractor shall prevent any discharge into the storm drain system by damming or blocking the inlets and collecting any accumulations for proper disposal. The Contractor shall not drain any effluent, water, or chemicals into any street, drain, or any location not approved by the Project Manager.
Care in preventing water seeping through expansion joints or water stops onto lower levels is also important to prevent damage to vehicles which may be parked under those locations.

END OF SECTION

SECTION 01300 - SUBMITTALS

PART 1 - GENERAL

1.01 POWER WASH PROGRESS SCHEDULES

Submit two (2) copies of chart showing the complete sequence of the power washing. Show projected completion dates for each section of work.

1.02 PRODUCT DATA

Submit three (3) copies of product data. Mark each copy to identify applicable products; supplement manufacturers' standard data to provide information unique to the work.

END OF SECTION

SECTION 01700 - CONTRACT CLOSEOUT

PART 1 - GENERAL

1.01 CLOSEOUT PROCEDURES

A. When Contractor considers work has reached final completion, submit written certification that work has been inspected, and that work is complete in accordance with Contract documents and ready for Project Manager's inspection.

B. In addition to submittals required by the conditions of the Contract, submit a final statement of accounting, giving total adjusted contract sum. Project will not be considered complete until all project documents are submitted.

1.02 FINAL CLEANING

A. Execute prior to final inspection.

B. Remove waste and surplus materials, rubbish, and equipment from the project site.

END OF SECTION

SECTION 01710 - CLEANING AND STORM WATER POLLUTION PREVENTION

PART 1 - SCOPE OF WORK

The project includes the cleaning of the parking garage floor area (parking stalls, driving aisles, ramps, stairs, and wheel stops), walls, ceilings, beams, columns, ventilating ducts, piping, and stairwells. Contractor shall furnish all labor, materials, tools, and equipment necessary to complete this work. The Contractor is responsible for collection, transport and disposal of all wash water.

The Contractor shall thoroughly inspect and review the parking garage to observe any conditions that might hinder the completion of this project. Low overhead, electrical outlets, lighting, water outlets, coatings, etc.

A. Walls, Columns, and Ceilings

1. The contractor may use cold water for power washing all surfaces other than the floor.

2. Power wash all piping including sewer, water, fire sprinkler and drain lines. Contractor shall assure that the topside of all suspended piping shall be free of dirt and dust.

3. Power wash all ventilating ducts attached to or suspended from the ceilings. The topside of all ducts shall be free of dirt and dust.

4. All lighting fixtures, exit lights, fire alarms, strobe lights, detectors, fire extinguisher cabinets, light fixtures, and switches shall be protected to prevent damage during the cleaning operation and will be hand wiped free of dirt, dust and water marks. If damaged, all repairs shall be made within one day at the Contractor's expense. **Do not power wash fixtures or other electrical items.**

5. All signs and graphics attached to or a part of the walls, columns, and beams shall be protected during the cleaning operation. If necessary, they shall be hand cleaned and wiped, and free of dirt, dust and water marks. The contractor shall make any repairs or replace any signs damaged or broken during project.

6. Fire sprinkler heads are to be protected during the ceiling cleaning operation.

B. Stairwells (4)

1. All surfaces are to be power washed. Follow all applicable instructions in (A) above.

2. After the stairwells are completed, the Contractor shall have all surfaces wiped free of water to prevent slipping and dripping.

C. Elevators

1. The Contractor is to prevent any water from entering into the elevator shafts, cars, and equipment rooms.

2. Elevator lobby doors and trim shall be wiped free of water marks.

D. Storage Rooms

1. The Contractor shall prevent water from entering the storage rooms. The storerooms will require extra protection to prevent water from seeping under the floor plates and doors.

E. Floors

1. The Contractor shall sweep the entire parking garage floor area and remove all dust at or around ventilator ducts, corners, elevators, curbs, and walls prior to any soaking or scrubbing operations.

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2. The Contractor shall apply a biodegradable cleaner to the heavily oil soaked concrete surfaces and scrub the surface using a non-destructive method, which must be pre-approved by the Project Manager. Care in selection of cleaners to prevent noxious odors or any residue is imperative. The Contractor shall hot-pressure wash stall surfaces to remove the balance of the accumulated oil drippings left by automobiles.

3. The Contractor shall hot pressure wash and scrub by mechanical method the entire parking garage floor area to remove all gum, stains, adhesives, and other substances adhering to the surfaces of the project area including collection and disposal of wash water to an approved disposal site. Gum will not need to be removed from painted surfaces or stall lines.

4. The Contractor shall clean any water spots on doors, walls, etc., which result from the floor cleaning.

PART 2 - STORM WATER POLLUTION PREVENTION

The goal of these requirements is to prevent the pollution of storm water runoff on construction projects by keeping pollution out of storm drains, reducing the exposure and discharge of materials and wastes to storm water, and by reducing erosion and sedimentation. Preventing these pollutants from entering the storm water is vital to clean creeks and open beaches. The City of Santa Barbara Municipal Code Title 16 prohibits the discharge of any pollutants into the storm water system.

Deleted:

A. General

1. Designated Area

The Contractor shall propose designated areas of the project site, for approval by the Project Manager, suitable for material delivery, storage, and waste collection that, to the maximum extent practicable, are near construction entrances and away from catch basins, gutters, drainage courses, and creeks.

2. Disposal

At the end of each working day, the Contractor shall collect all scrap, debris, and waste material, and dispose of such materials properly.

B. Hazardous Material/Waste

1. Storage

a. The Contractor shall label and store all hazardous materials, such as pesticides, paints, thinners, solvents, and fuels; and all hazardous wastes, such as waste oil and antifreeze; in accordance with the City of Santa Barbara Hazardous Materials Storage Ordinance and all applicable State and Federal regulations.

b. The Contractor shall store all hazardous materials and all hazardous wastes in accordance with secondary containment regulations, and it is recommended that these materials and wastes are covered, as needed, to avoid potential management of collected rainwater as a hazardous waste.

c. The Contractor shall keep an accurate, up-to-date inventory, including Material Safety Data Sheets (MSDSs), of hazardous materials and hazardous wastes stored on-site, to assist emergency response personnel in the event of a hazardous materials incident.

C. Spill Prevention and Control

1. The Contractor shall keep a stockpile of spill cleanup materials, such as rags or absorbents, readily accessible on-site.

2. The Contractor shall immediately contain and prevent leaks and spills from entering storm drains, and properly cleanup and dispose of the waste and cleanup materials. If the waste is hazardous, the Contractor shall handle the waste as described in Section A.2.C above.

3. The Contractor shall not wash any spilled material into streets, gutters, storm drains, or creeks and shall not bury spilled hazardous materials.

D. Vehicles

1. The Contractor shall use secondary containment, such as a drip pan, to catch leaks or spills any time that vehicle or equipment fluids are dispensed, changed, or poured.

2. The Contractor shall keep a stockpile of spill cleanup materials, such as rags or absorbents, readily accessible on-site.

3. The Contractor shall clean up leaks and spills of vehicle or equipment fluids immediately and dispose of the waste and cleanup materials as hazardous waste, as described in Section A.2.C above.

4. The Contractor shall not wash any spilled material into streets, gutters, storm drains, or creeks and shall not bury spilled hazardous materials.

5. The Contractor shall inspect vehicles and equipment arriving on-site for leaking fluids and shall promptly repair leaking vehicles and equipment. Drip pans shall be used to catch leaks until repairs are made.

E. Contractor Training and Awareness

1. The Contractor shall train all employees/subcontractors on the storm water pollution prevention requirements contained in these Specifications.

2. The Contractor shall inform subcontractors of the storm water pollution prevention contract requirements and include appropriate subcontract provisions to ensure that these requirements are met.

F. Wash Water Pollution Prevention

1. The Contractor shall prevent all wash water from draining into the storm drains, creeks or ocean.
2. Wash water must be disposed of according to all applicable laws.

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— PARKS DEPT —

PROCEDURES FOR THE CONTROL OF RUN-OFF INTO STORM DRAINS AND WATERCOURSES

A. Street Sweeping and Vacuuming.

B. Sandbag Barriers.

C. Storm Drain Inlet Protection.

D. Stabilize Construction Entrance/Exit.

E. Water Conservation Practices.

F. De-watering Operations.

G. Paving and Grinding Operations.

H. Illicit Connection/Illegal Discharges.

I. Potable Water/Irrigation.

J. Vehicle and Equipment Cleaning.

K. Vehicle and Equipment Fueling.

L. Vehicle and Equipment Maintenance.

M. Stock Pile Management.

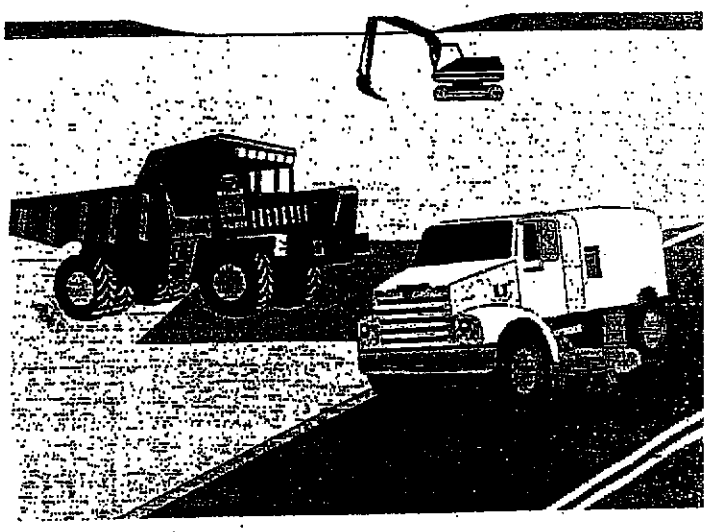
N. Spill Prevention and control.

O. Solid Waste Management.

P. Concrete Waste Management.

Q. Sanitary/Septic Waste Management.

R. Liquid Waste Management.



Street Sweeping and Vacuuming

I. Definition and Purpose

Practices to remove tracked sediment to prevent the sediment from entering a storm drain or watercourse.

II. Appropriate Applications

These practices are implemented anywhere sediment is tracked from the project site onto public or private paved roads, typically at points of egress.

III. Standards and Specifications

A. Do not use kick brooms or sweeper attachments.

B. Visible sediment tracking shall be swept and vacuumed on a daily basis.

C. Do not sweep up any unknown substance or any object that may be potentially hazardous

D. Adjust brooms frequently; maximize efficiency of sweeping operations.

E. After storm drain protection measures are implemented, and sweeping is finished, the street may be washed down.

Sand Bag Barrier

I. Definition and Purpose

A sandbag barrier is a temporary linear sediment barrier consisting of stacked sandbags, designed to intercept and slow the flow of sediment-laden sheet flow runoff. Sandbag barriers allow sediment to settle from runoff before water leaves the construction site. Sandbags can also be used where flows are moderately concentrated, such as ditches, swales, and storm drain inlets.

II. Appropriate Applications

A. Around stockpiles.

B. To divert or direct flow or create a temporary sediment basin.

C. Along the perimeter of vehicle and equipment fueling and maintenance areas or chemical storage areas.

D. To capture and detain non-storm water flows until proper cleaning operations occur.

E. To temporarily close or continue broken, damaged or incomplete curbs.

III. Standards and Specifications

A. ***Sandbag Material:*** Sandbag shall be woven polypropylene, polyethylene or polyamide fabric, minimum unit weight 135 g/m^2 (four ounces per square yard), mullen burst strength exceeding 2,070 kPa (300 psi) in conformance with the requirements in ASTM designation D3786, and ultraviolet stability exceeding 70% in conformance with the requirements in ASTM designation D4355. Use of burlap is acceptable for short term use. (less than 2 weeks)

B. ***Sandbag Size:*** Each sand-filled bag shall have a length of 450 mm (18 in), width of 300 mm (12 in), thickness of 75 mm (3 in), and mass of approximately 15 kg (33 lb.). Bag dimensions are nominal, and may vary based on locally available materials. Alternative bag sizes shall be submitted to the Engineer for approval prior to deployment.

C. ***Fill Material:*** All sandbag fill material shall be non-cohesive, Class I or Class 2 permeable material free from clay and deleterious material, conforming to the provisions in Section 68-1.025 "Permeable Material," of the Standard Specifications. The requirements for the Durability Index and Sand Equivalent do not apply. Fill material is subject to approval by the Engineer.

Sand Bag Barrier

IV. Maintenance and Inspection

A. Contractor shall Inspect sandbag barriers before and after each use.

B. Inspect sandbag barriers for sediment accumulations and remove sediments when accumulation reaches one-third the barrier height. Removed sediment shall be incorporated in the project at locations designated by the Engineer or disposed of in conformance with the Standard Specifications.

C. Remove sandbags when no longer needed. Remove and dispose of sediment accumulation, clean, re-grade, and stabilize the area.

Storm Drain Inlet Protection

I. Definition and Purpose

Devices used at storm drain inlets that are subject to runoff from construction activities to detain and/or to filter sediment-laden runoff to allow sediment to settle and/or to filter sediment prior to discharge of storm water into storm water drainage systems or watercourses.

II. Appropriate Applications

A. Where ponding will not encroach into highway traffic.

B. Where sediment laden surface runoff may enter an inlet.

C. Whenever street is washed down

D. For dewatering purposes.

III. Standards and Specifications

A. Identify existing and/or planned storm drain inlets that have the potential to receive sediment-laden surface runoff. If storm drain inlet protection is needed, use Type 3 D1 protection or other approved measures.

B. ***DI Protection Type 3 – Sandbag Barrier*** – The sandbag barrier (Type 3) is illustrated in Page 6. Flow from a severe storm shall not overtop the curb. In areas of high clay and silts, use filter fabric and gravel as additional filter media. Construct sandbags in accordance with "Sandbag Barrier".

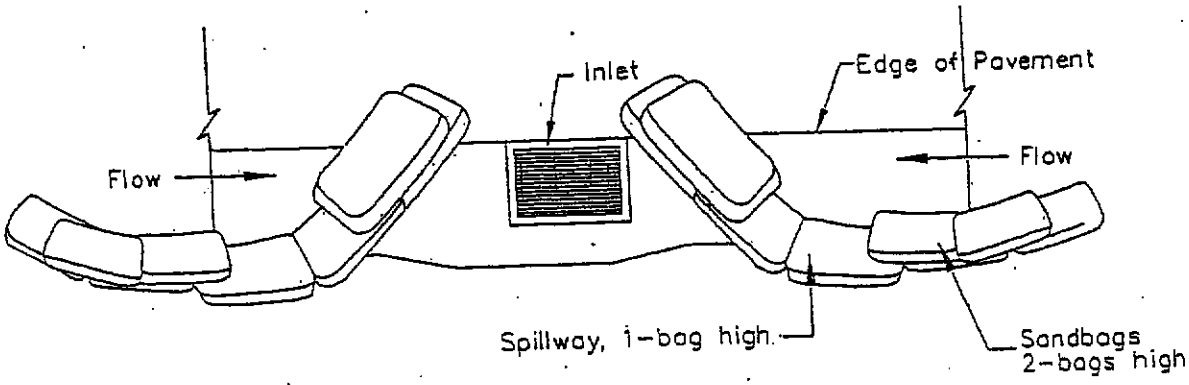
C. Inspect bags for holes, gashes, and snags.

D. Check sandbags for proper arrangement or displacement (per attached detail) Remove the sediment behind the barrier when it reaches one-third the height of the barrier. Removed sediment shall be incorporated in the project at locations designated by the RE or disposed of outside the highway right-of-way in conformance with the Standard Specifications.

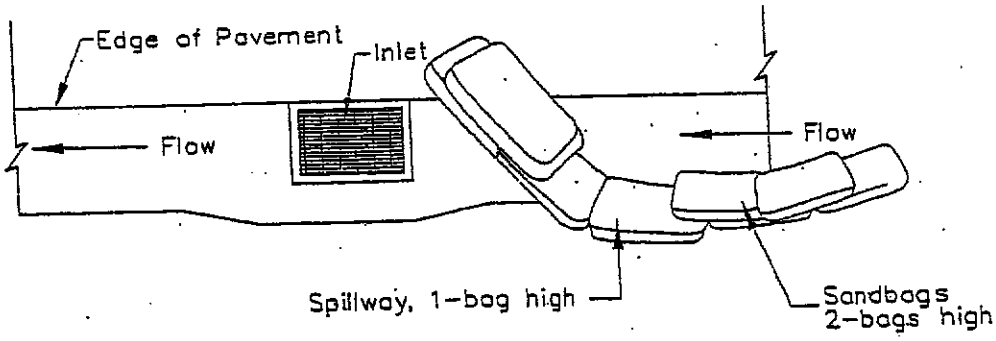
E. Remove all inlet protection devices when the inlet protection is no longer needed.

F. Clean and re-grade area around the inlet and clean the inside of the storm drain inlet as it must be free of sediment and debris at the time of final inspection.

Storm Drain Inlet Protection



TYPICAL PROTECTION FOR INLET ON SUMP



TYPICAL PROTECTION FOR INLET ON GRADE

D1 Protection Type 3
Notes

NOTES:

1. Intended for short-term use.
2. Use to inhibit non-storm water flow.
3. Allow for proper maintenance and cleanup.
4. Bags must be removed after adjacent operation is completed.
5. Not applicable in areas with high silts and clays without filter fabric.

Stabilized Construction Entrance/Exit

I. Definition and Purpose

A stabilized construction access is a defined point of entrance/exit to a construction site that is stabilized to reduce the tracking of mud and dirt onto public roads by construction vehicles.

II. Appropriate Applications

A. Use at construction sites where dirt or mud is tracked onto public roads.

B. Use at construction sites where dust is a problem during dry weather conditions.

III. Standards and Specifications

A. Limit the points of entrance/exit to the construction site.

B. Limit speed of vehicles to control dust.

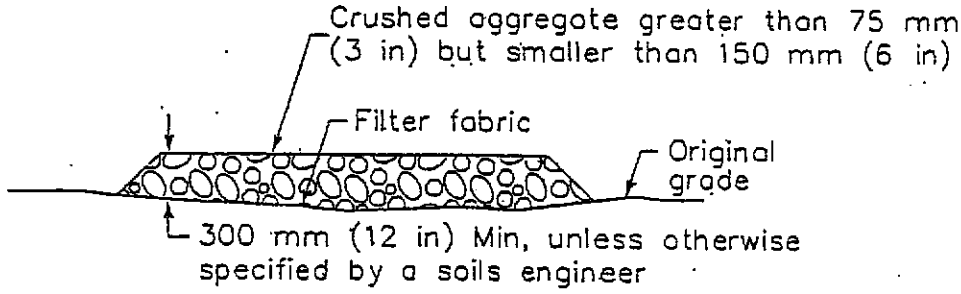
C. Properly grade each construction entrance/exit to prevent runoff from leaving the construction site.

D. Route runoff from stabilized entrances/exits through an approved sediment-trapping device before discharge.

E. Select construction access stabilization (aggregate, asphaltic concrete, concrete) based on longevity, required performance, and site conditions. The use of asphalt concrete (AC) grindings for stabilized construction access/roadway is not allowed. Use Type I.

F. If aggregate is selected, place crushed aggregate over geotextile fabric to at least 300 mm (12 in) depth, or place aggregate to a depth recommended by a geotechnical soils engineer. A crushed aggregate greater than 75 mm (3 inches) but smaller than 150 mm (6 inches) shall be used.

G. All employees, subcontractors, and suppliers shall be required to utilize the stabilized construction access.



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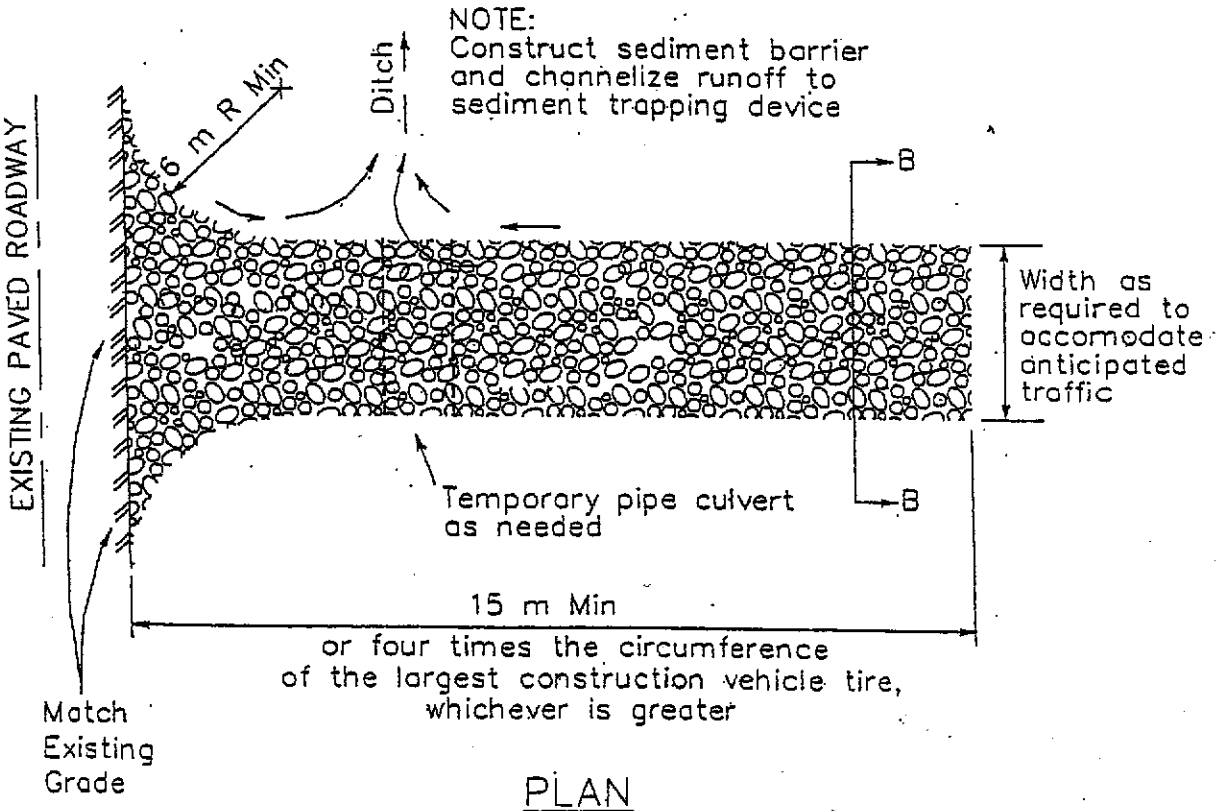

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NTS

Stabilized Construction Entrance/Exit (Type 1)

Water Conservation Practices

I. Definition and Purpose

Water conservation practices are activities that use water during the construction of a project in a manner that avoids causing erosion and/or the transport of pollutants offsite.

II. Appropriate Applications

A. Water conservation practices are implemented wherever water is used.

B. Applies to all construction projects.

III. Standards and Specifications

A. Keep water equipment in good working condition.

B. Repair water leaks promptly.

C. Washing of vehicles and equipment on the construction site is prohibited.

D. Do not use water to clean construction areas. Paved areas shall be swept and vacuumed.

E. Direct construction water runoff to areas where it can soak into the ground.

F. Apply water for dust control in accordance with the Standard Specifications.

Dewatering Operations

I. Definition and Purpose

Dewatering operations are practices that manage the discharge of pollutants from groundwater and accumulated precipitation dewatering operations.

II. Appropriate Applications

A. Removal of uncontaminated groundwater.

B. Removal of accumulated rainwater from work areas.

III. Standards and Specifications

A. Contractor shall provide 48 hours notification to the Engineer of planned discharges.

B. Discharges must comply with regional and watershed-specific discharge requirements.

C. Ensure that dewatering discharges do not cause erosion at the discharge point.

D. A filtration device may be substituted for a desilting basin or sediment trap if the Contractor can demonstrate, to the Engineer's satisfaction, that the filtration device provides equivalent or greater removal of suspended solids than the basin.

E. Filter bags may be used for small-scale dewatering operations.

Paving and Grinding Operations

I. Definition and Purpose

Procedures that minimize pollution of storm water runoff during paving operations, including new paving and preparation of existing paved surfaces for overlays.

II. Appropriate Applications

These procedures are implemented where paving, surfacing, resurfacing, or sawcutting, may pollute storm water runoff or discharge to the storm drain system or watercourses.

III. Standards and Specifications

A. Substances used to coat asphalt transport trucks and asphalt spreading equipment shall not contain soap and shall be non-foaming and non-toxic.

B. Place drip pans or absorbent materials under paving equipment while not in use, to catch and/or contain drips and leaks. See also "Liquid Waste Management".

C. When paving involves asphaltic concrete (AC), the following steps shall be implemented to prevent the discharge of grinding residue, uncompacted or loose AC, tack coats, equipment cleaners, or unrelated paving materials.

1) Minimize the washing of sand or gravel from new asphalt into storm drains, streets, and creeks by sweeping.

2) AC grindings, pieces, or chunks used in embankments or shoulder backing must not be allowed to enter any storm drains or watercourses.

3) Collect and remove all broken asphalt and recycle when practical; otherwise, dispose in accordance with the Caltrans Standard Specification 7-1.13.

4) Any AC chunks and pieces used in embankments must be placed above the water table and covered by at least 0.3m (1 ft) of material.

5) Use only non-toxic substances to coat asphalt transport trucks and asphalt spreading equipment.

D. Drainage inlet structures and manholes shall be covered with filter fabric or tape during application of seal coat, tack coat, slurry seal, and/or fog seal.

E. Seal coat, tack coat, slurry seal, or fog seal shall not be applied if rainfall is predicted to occur during the application or curing period.

F. Clean asphalt coated equipment off-site. When cleaning dry, hardened asphalt from equipment, manage hardened asphalt debris as described in "Solid Waste Management". Any cleaning on site shall follow "Vehicle and Equipment Cleaning".

G. Do not wash sweepings from exposed aggregate concrete into a storm drain system. Collect and return to aggregate base stockpile, or dispose of properly.

H. Allow aggregate rinse to settle. Then, either allow rinse water to dry in a temporary pit as described in "Concrete Waste Management", or pump the water to the sanitary sewer if allowed by the local wastewater authority.

I. Do not allow saw-cut Portland Concrete Cement (PCC or AC) slurry to enter storm drains or watercourses. Residue from grinding operations shall be picked up by means of a vacuum attachment to the grinding machine, shall not be allowed to flow across the pavement, and shall not be left on the surface of the pavement. See also "Concrete Waste Management", and "Liquid Waste Management".

J. When approved by the Engineer, stockpile material removed from roadways shall be kept away from drain inlets, drainage ditches, and watercourses.

K. Do not transfer or load bituminous material near drain inlets, the storm water drainage system or watercourses.

Illicit Connection/Illegal Discharge Detection and Reporting

I. Definition and Purpose

Procedures and practices designed for construction contractors to recognize illicit connections or illegally dumped or discharged materials on a construction site and report incidents to the Engineer.

II. Appropriate Applications

Illicit connection/illegal discharge detection and reporting is applicable anytime an illicit discharge is discovered or illegally dumped material is found on the construction site.

III. Standards and Specifications

A. Contractor shall inspect the site before beginning the job for evidence of illicit connections or illegal dumping or discharges.

B. Contractor shall inspect the site regularly during project execution for evidence of illicit connections or illegal dumping or discharges.

C. Contractor shall observe site perimeter for evidence or potential of illicitly discharged or illegally dumped material that may enter the job site.

D. Contractor shall inspect the site regularly during the project for pungent odors coming from the drainage systems.

E. Contractor shall inspect the site regularly for discoloration or oily substances in the water or stains and residues detained within ditches, channels or drain boxes.

F. Contractor shall inspect the site regularly for abnormal water flow during the dry weather season.

G. Contractor shall inspect the site regularly for unusual flows in subdrain systems used for dewatering.

H. Contractor shall inspect the site regularly for excessive sediment deposits, particularly adjacent to or near active off-site construction projects.

Potable Water/Irrigation

I. Definition and Purpose

Potable Water/Irrigation consists of practices and procedures to reduce the possibility for the discharge of potential pollutants generated during discharges from irrigation water lines, landscape irrigation, lawn or garden watering, planned and unplanned discharges from potable water sources, water line flushing, and hydrant flushing.

II. Appropriate Applications

Implement this Policy whenever the above activities or discharges occur at or enter a construction site.

III. Standards and Specifications

A. Where possible, direct water from off-site sources around or through a construction site in a way that minimizes contact with the construction site.

B. Shut off the water source to broken lines, sprinklers, or valves as soon as possible to prevent excess water flow.

C. Protect downstream storm water drainage systems and watercourses from water pumped or bailed from trenches excavated to repair water lines using storm drain inlet protection measures.

D. Inspect irrigated areas within the construction limits for excess watering. Adjust watering times and schedules to ensure that the appropriate amount of water is being used and to minimize runoff.

E. Repair broken water lines as soon as possible or as directed by the Engineer.

Vehicle and Equipment Cleaning

I. Definition and Purpose

Procedures and practices used to minimize or eliminate the discharge of pollutants from vehicle and equipment cleaning operations to storm drain system or to watercourses.

II. Appropriate Applications

These procedures are applied on all construction sites where vehicle and equipment cleaning is performed.

III. Standards and Specifications

A. On-site vehicle and equipment washing is prohibited.

B. Cleaning of vehicles and equipment with soap, solvents or steam shall not occur on the project site unless the Engineer has been notified in advance and the resulting wastes are fully contained and disposed of outside the street right-of-way in conformance with the provisions in Section 7-1.13 of the Caltrans Standard Specifications. Resulting wastes shall not be discharged or buried within the street right-of-way.

C. Vehicle and equipment wash water shall be contained for percolation or evaporative drying away from storm drain inlets or watercourses and shall not be discharged within the street right-of-way.

D. All vehicles/equipment that regularly enter and leave the construction site must be cleaned off-site.

E. When vehicle/equipment washing/cleaning must occur on-site, and the operation cannot be located within a structure or building equipped with appropriate disposal facilities, the outside cleaning area shall have the following characteristics:

1. Located away from storm drain inlets, drainage facilities, or watercourses.

2. Paved with concrete or asphalt and bermed to contain wash waters and to prevent run-on and runoff.

3. Configured with a sump to allow collection and disposal of wash water.

4. Wash waters shall not be discharged to storm drains or watercourses.

Vehicle and Equipment Fueling

I. Definition and Purpose

Procedures and practices to minimize or eliminate the discharge of fuel spills and leaks into the storm drain system or to watercourses.

II. Appropriate Applications

These procedures are applied on all construction sites where vehicle and equipment fueling takes place.

III. Standards and Specifications

A. On-site vehicle and equipment fueling shall only be used where it's impractical to send vehicles and equipment off-site for fueling.

B. When fueling must occur on-site, the contractor shall select and designate an area to be used, subject to approval of the Engineer.

C. Absorbent spill clean-up materials and spill kits shall be available in fueling areas and on fueling trucks and shall be disposed of properly after use.

D. Drip pans or absorbent pads shall be used during vehicle and equipment fueling, unless the fueling is performed over an impermeable surface in a dedicated fueling area.

E. Dedicated fueling areas shall be protected from storm water run-on and runoff, and shall be located at least 15 m (50') from downstream drainage facilities and watercourses. Fueling must be performed on level-grade areas.

F. Nozzles used in vehicle and equipment fueling shall be equipped with an automatic shut-off to control drips. Fueling operations shall not be left unattended.

G. Protect fueling areas with berms and/or dikes to prevent run-on, runoff, and to contain spills.

H. Use vapor recovery nozzles to help control drips as well as air pollution where required by Air Pollution Control District (APCD).

I. Fuel tanks shall not be "topped off."

J. Vehicles and equipment shall be inspected by the contractor on each day of use for leaks. Leaks shall be repaired immediately or problem vehicles or equipment shall be removed from the project site.

K. Absorbent materials shall be used on small spills instead of hosing down or burying techniques.

L. Mobile fueling of construction equipment throughout the site shall be minimized. Whenever practical, equipment shall be transported to the designated fueling area.

Vehicle and Equipment Maintenance

I. Definition and Purpose

Procedures and practices to minimize or eliminate the discharge of pollutants to the storm drain system or to watercourses from vehicle and equipment maintenance procedures.

II. Appropriate Applications

These procedures are applied on all construction projects where an on-site yard area is necessary for storage and maintenance of heavy equipment and vehicles.

III. Standards and Specifications

A. Drip pans or absorbent pads shall be used during vehicle and equipment maintenance work that involves fluids, unless the maintenance work is performed over an impermeable surface in a dedicated maintenance area.

B. All fueling trucks and fueling areas are required to have spill kits and/or use other spill protection devices.

C. Dedicated maintenance areas shall be protected from storm water run-on and runoff, and shall be located at least 15 m (50') from downstream drainage facilities and watercourses.

D. Absorbent spill clean-up materials shall be available in maintenance areas and shall be disposed of properly after use. Substances used to coat asphalt transport trucks and asphalt spreading equipment shall be non-toxic. Drainage inlet structures and manholes shall be covered with filter fabric when seal coat, tack coat, slurry seal, or fog seal is applied to adjacent surfaces.

E. Use off-site maintenance facilities.

F. Properly dispose of used oils, fluids, lubricants and spill cleanup materials.

G. Do not dump fuels and lubricants onto the ground.

H. Do not place used oil in a dumpster or pour into a storm drain or watercourse.

I. Properly dispose of or recycle used batteries.

J. Do not bury used tires.

K. Repair leaks of fluids and oil immediately.

L. Provide spill containment dikes or secondary containment around stored oil and chemical drums.

Vehicle and Equipment Maintenance

M. Vehicles and equipment shall be inspected on each day of use. Leaks shall be repaired immediately or the problem vehicle(s) or equipment shall be removed from the project site.

N. Inspect equipment for damaged hoses and leaky gaskets routinely. Repair or replace as needed.

Stockpile Management

I. Definition and Purpose

Procedures and practices to reduce or eliminate pollution of storm water from stockpiles of soil, and paving materials such as Portland cement concrete (PCC) rubble, asphalt concrete (AC), asphalt concrete rubble, aggregate base, aggregate base, aggregate subbase or pre-mixed aggregate and asphalt binder (also called "cold mix" asphalt).

II. Appropriate Applications

Implemented in all projects that stockpile soil and paving materials.

III. Standards and Specifications

A. Protection of stockpiles is a year-round requirement.

B. Locate stockpiles away from concentrated flows of storm water, drainage courses, and inlets.

C. Protect all stockpiles from storm water run-on using a temporary perimeter sediment barrier such as berms, dikes, silt fences or sandbag barriers.

D. During the rainy season, soil stockpiles shall be covered or protected with soil stabilization measures and a temporary perimeter sediment barrier at all times.

E. During the non-rainy season, soil stockpiles shall be covered or protected with a temporary perimeter sediment barrier prior to the onset of precipitation.

F. Stockpiles of Portland cement concrete rubble, asphalt concrete, asphalt concrete rubble, aggregate base, or aggregate subbase shall be covered or protected with a temporary perimeter sediment barrier prior to the onset of precipitation.

G. Stockpiles of "cold mix" shall be placed on and covered with plastic or comparable material prior to the onset of precipitation.

Spill Prevention and Control

I. Definition and Purpose

These are procedures and practices implemented to prevent and control spills in a manner that minimizes or prevents the discharge of spilled material to the drainage system or watercourses.

II. Appropriate Application

This Policy applies to all construction projects. Spill control procedures are implemented anytime chemicals and/or hazardous substances are stored. Substances may include, but are not limited to:

A. Fuels

B. Lubricants

C. Other petroleum distillates

III. Standards and Specifications

A. To the extent that it doesn't compromise clean up activities, spills shall be covered and protected from storm water run-on during rainfall.

B. Spills shall not be buried or washed with water.

C. Water used for cleaning and decontamination shall not be allowed to enter storm drains or watercourses and shall be collected and disposed of in accordance with "Liquid Waste Management".

D. Water overflow or minor water spillage shall be contained and shall not be allowed to discharge into drainage facilities or watercourses.

IV. Clean up and Storage Procedures

A. Minor spills typically involve small quantities of oil, gasoline, paint, etc. which can be controlled by the first responder at the discovery of the spill.

B. Use absorbent materials on small spills. Do not hose down or bury.

C. Semi-significant spills still can be controlled by the first responder along with the aid of the other personnel such as laborers and the foreman, etc. This response may require the cessation of all other activities.

D. Clean up spills immediately.

E. If the spill occurs on paved or impermeable surfaces, clean up using "dry" methods (absorbent materials, cat litter and/or rags). Contain the spill by encircling with absorbent materials and do not let the spill spread widely.

F. If the spill occurs in dirt areas, immediately contain the spill by constructing an earthen dike. Dig up and properly dispose of contaminated soil.

G. If the spill occurs during rain, cover spill with tarps or other material to prevent contaminating runoff.

Solid Waste Management

I. Definition and Purpose

These are procedures and practices to minimize or eliminate the discharge of pollutants to the drainage system or to watercourses as a result of the creation, stockpiling, and removal of construction site wastes.

II. Appropriate Applications

A. Solid wastes include but are not limited to:

1) Construction wastes including brick, mortar, timber, steel and metal scraps, pipe and electrical cuttings, non-hazardous equipment parts, Styrofoam and other materials used to transport and package construction materials.

2) Highway planting wastes, including vegetative material, plant containers, and packaging materials.

3) Litter, including food containers, beverage cans, coffee cups, paper bags, plastic wrappers, and smoking materials, including litter generated by the public.

III. Standards and Specifications

A. Littering on the project site shall be prohibited.

B. To prevent clogging of the storm drainage system, litter and debris removal from drainage grates, trash racks, and ditch lines shall be performed weekly.

C. Trash receptacles shall be provided in the Contractor's yard, field trailer areas, and at locations where workers congregate for lunch and break periods.

D. Litter from work areas within the construction limits of the project site shall be collected and placed in water tight dumpsters at least weekly regardless of whether the litter was generated by the Contractor, the public, or others. Collected litter and debris shall not be placed in or next to drain inlets, storm water drainage systems or watercourses.

E. Storm water run-on shall be prevented from contacting stored solid waste through the use of berms, dikes, or other temporary diversion structures or through the use of measures to elevate waste from site surfaces.

F. Solid waste storage areas shall be located at least 15 m (50') from drainage facilities and watercourses and shall not be located in areas prone to flooding or ponding.

G. Dumpster washout on the project site is not allowed.

H. Toxic liquid wastes (used oils, solvents, and paints) and chemicals (acids, pesticides, additives, curing compounds) shall not be disposed of in dumpsters designated for construction debris.

Concrete Waste Management

I. Definition and Purpose

These are procedures and practices that are implemented to minimize or eliminate the discharge of concrete waste materials to the storm drain system or to watercourses.

II. Appropriate Applications

A. Concrete waste management practices are implemented on construction projects where concrete is used as a construction material or where concrete dust and debris result from demolition activities.

B. Where slurries containing Portland cement concrete (PCC) or asphalt concrete (AC) are generated, such as from sawcutting, coring, grinding, grooving, and hydro-concrete demolition.

C. Where concrete trucks and other concrete-coated equipment are washed on site, when approved by the Engineer. See also Vehicle and Equipment Cleaning.

D. Where mortar-mixing stations exist.

III. Standards and Specifications

A. PCC and AC waste shall not be allowed to enter storm drains or watercourses.

B. PCC and AC waste shall be collected and disposed of outside the highway right-of-way in conformance with section 7-1.13 of the Caltrans Standard Specifications or placed in a temporary concrete washout facility.

C. Below grade concrete washout facilities are typical. Above grade facilities are used if excavation is not practical.

D. Do not allow slurry residue from wet coring or sawcutting AC or PCC to enter storm drains or receiving waters by:

1. Placing temporary berms or sandbags around coring or sawcutting locations to capture and contain slurry runoff.

2. Placing straw bales, sandbags, or gravel dams around inlets to prevent slurry from entering storm drains.

E. Vacuum slurry residue and dispose.

Concrete Waste Management

F. Temporary concrete washout facilities shall be located a minimum of 15 m (50 ft) from storm drain inlets, open drainage facilities, and watercourses, unless determined unfeasible by the engineer. Each facility shall be located away from construction traffic or access areas to prevent disturbance or tracking.

G. Temporary concrete washout facilities shall be constructed above grade or below grade at the option of the Contractor. Temporary concrete washout facilities shall be constructed and maintained in sufficient quantity and size to contain all liquid and concrete waste generated by washout operations.

H. Temporary washout facilities shall have a temporary pit or bermed areas of sufficient volume to completely contain all liquid and waste concrete materials generated during washout procedures.

I. Perform washout of concrete trucks in designated areas only.

J. Once concrete wastes are washed into the designated area and allowed to harden, the concrete shall be broken up, removed, and disposed of per "Solid Waste Management".

K. Temporary concrete washout facility (type above grade) shall be constructed as shown on the plans, with a recommended minimum length and minimum width of 3 m (10'), but with sufficient quantity and volume to contain all liquid and concrete waste generated by washout operations. The length and width of a facility may be increased, at the Contractor's expense, upon approval of the engineer.

L. Existing facilities must be cleaned, or new facilities must be constructed and ready for use once the washout is 75% full.

Sanitary/Septic Waste Management

I. Definition and Purpose

Procedures and practices to minimize or eliminate the discharge of construction site sanitary/septic waste materials to the storm drain system or to watercourses.

II. Appropriate Applications

Sanitary/septic waste management practices are implemented on all construction sites that use temporary or portable sanitary/septic waste systems.

III. Standards and Specifications

A. Temporary sanitary facilities shall be located away from drainage facilities, watercourses, and from traffic circulation. When subjected to high winds or risk of high winds, as determined by the Engineer, temporary sanitary facilities shall be secured to prevent overturning.

B. Wastewater shall not be discharged or buried within the street right-of-way.

C. Ensure that sanitary/septic facilities are maintained in good working order by a licensed service.

D. Use only reputable, licensed sanitary/septic waste haulers.

Liquid Waste Management

I. Definition and Purpose

Procedures and practices to prevent discharge of pollutants to the storm drain system or to watercourses as a result of the creation, collection, and disposal of non-hazardous liquid wastes.

II. Appropriate Applications

Liquid waste management is applicable to construction projects that generate any of the following non-hazardous liquid wastes.

A. Drilling slurries and drilling fluids.

B. Grease-free and oil-free wastewater and rinse water.

C. Dredgings.

D. Other non-storm water liquid discharges not permitted by separate permits.

III. Standards and Specifications

A. Drilling residue and drilling fluids shall not be allowed to enter storm drains and watercourses and shall be disposed of outside the street right-of-way as approved by the engineer.

B. Liquid wastes generated as part of an operational procedure, such as water-laden dredged material and drilling mud, shall be contained and not allowed to flow into drainage channels or receiving waters prior to treatment.

C. Contain liquid wastes in a controlled area, such a holding pit, sediment basin, roll-off bin, or portable tank.

D. Containment devices must be structurally sound and leak free.

E. Do not locate containment areas or devices where accidental release of the contained liquid can threaten health or safety, or discharge to water bodies, channels, or storm drains.

F. Capture all liquid wastes running off a surface that has the potential to affect the storm drainage system, such as wash water and rinse water from cleaning walls or pavement.

G. Do not allow liquid wastes to flow or discharge uncontrolled. Use temporary dikes or berms to intercept flows and direct them to a containment area for capture.

H. If the liquid waste is sediment laden, use a sediment trap for capturing and treating the liquid waste stream, or capture in a containment device and allow sediment to settle.

I. If necessary, further treat liquid wastes prior to disposal. Treatment may include, though is not limited to, sedimentation, filtration, and chemical neutralization.

A

Golf Course

Activity
Reclaimed Water

BMP

- Irrigation water usage is monitored daily
- Dry runs are computed and compared to actual usage monitor logs
- Shut down procedures in place
- If a break occurs causing a discharge, water is either dispersed onto turf to avoid ponding or contained by a physical barrier or digging a hole. Wherever possible water can be pumped back into the sewer or used on turf.
- Flushing of mainlines is dispersed over turf areas and filtered into turf
- Large discharges are reported to cross connection reclaimed water inspector immediately. They will calculate and estimate gallons and report to State and Regional authorities.
- Document discharges in daily work log.
- Irrigation system maintenance is written in daily work log.

Objectives

- Reclaimed water should not be allowed to flow into any storm drains.
- Yearly staff training on reclaimed water including health issues and rules.
- Yearly check of cross connections by Public Works.
- Yearly clean-out of reclaimed storage tank by Public Works.
- Ongoing, daily maintenance of irrigation delivery system by golf course staff.
- Weekly readings of chlorine levels by Public Works.
- Daily check of pumping system by Public Works.

B

Golf Course

Activity
Equipment Refueling Station at Golf Course Maintenance

BMP

- Pump shutoff location marked.
- Pumps electrically shut off nightly and nozzles at pump locked.
- Fill tanks are padlocked at all times.
- Spill containment readily available.
- Daily site inspection.
- Fuel tanks not to be topped off.
- Monthly monitor test.
- Monthly pump dispenser readings.
- Daily fuel consumption log with vehicle/employee I.D.
- Fuels levels physically checked bi-weekly.
- Two staff assigned daily duty of site cleanliness.
- Fuel in cans stored in non-flammable metal cabinet.

Measurable Goals

- Daily physical inspection.
- Bi-weekly fuel levels checked.
- Monthly pump readings recorded and checked against daily usage log.
- Yearly staff training on shut offs, procedures, and safety.

C

Golf Course

Activity
Equipment Storage

BMP

- Daily check and notation of any leaks.
- Soak pad/kitty litter readily available.
- Equipment stored outside is covered from elements.
- Each employee assigned monthly vehicle inspection reports for designated vehicles.

Measurable Goals

- Mechanic follow-up on any possible leak.
- Staff immediately report any possible leak.
- Yearly send "out of service" equipment to auction.
- Staff have individual areas assigned to clean-up daily and inspect for problems.
- Staff training ongoing on preventative maintenance, reporting potential problems and safety.

D

Golf Course

Activity
Equipment Wash Station

BMP

- Landa Water Stax system bioremediation removes oil, grease, hydrocarbons, and grass clippings from wash water prior to draining into sewer. This system meets all current and proposed E.P.A. regulations.
- Two staff assigned to maintain system and haul away solids to recycle bin daily.
-
- Measurable Goals
-
- All equipment cleaned at Landa wash station.
- Contracted monthly service for Landa maintains all service logs, performs technical work, and services with new "bugs".
- Staff trained to only use wash station for equipment cleaning.

Golf Course

Activity
Equipment Repair

BMP

- Mechanic performs daily shop sweeping.
- Spill kits/soak pads/kitty litter readily available.
- Waste oil products are stored in drums labeled and contained in a weather proof containment.
- Black Gold, Inc. contracted to haul off hazardous waste.
- Safety Kleen contracted to service their water-based parts cleaning tank.

Measurable Goals

- Service records kept in special computer program.
- Daily observations recorded in daily work log.
- Monthly monitor waste oil levels.
- Monthly monitor used oil filter inventory.
- Review and act upon monthly employee vehicle inspections.
- Contact contract services for all waste pick-up.
- E.P.A. numbers current and kept with mechanic and superintendent.
- MSDA sheets current.
- Staff trained on hazardous materials, right to know, MSDS

Golf Course

Activity
Clubhouse Area

BMP

- Contract clubhouse parking lot sweeping to collect debris on a monthly basis.
- Clean catch basins monthly or more often as needed.
- Clubhouse maintenance staff sweeps concrete surfaces daily.
- All surface drainage and storm drains flow directly onto golf course turf for infiltration.
- All washate from electric cart fleet flows directly onto turf.
- Restaurant concessionaire contracts for grease trap clean-up and filter maintenance.

Measurable Objective

- Collect and dispose of debris before there is any chance for it to enter storm drain system.
- Contract weekly parking lot sweeping.
- Daily sweeping of clubhouse area.
- Train clubhouse staff on proper cleaning procedures.

Golf Course

Activity
Fertilizer Storage/Usage

BMP

- Keep only small inventories on hand (mostly organic). Buy it and use it.
- Store fertilizers on pallets covered with tarps.
- Clean-up any spill daily.
- Two employees are assigned daily duty to maintain this site.
- Liquid fertilizers are stored in a weatherproof locked room.
- Spill containment readily available.
- All surface drainage at maintenance yard drains onto golf course turf.
- Strict IPM practices followed with all applications. Foliar applications are applied at a light rate and allowed to dry. Other applications are lightly watered to remove material from leaf and into soil.

Measurable Goal

- Only order what is needed and use in a timely manner.
- Staff training on storage, application, calibration, and right to know.
- Maintain current MSDS sheets.
- Follow IPM guidelines.

Golf Course

Activity
Pesticide Storage/Usage

BMP

- Pesticides stored in weatherproof locked room.
- Pesticide room properly marked.
- Good housekeeping.
- Inventory log.
- Monthly use records.
- Spill containment readily available.
- Mixing/loading area away from any drain.
- Spray tank rinsate applied onto turf.
- Strict IPM procedures followed and reported on.

Measurable Objectives

- Maintain current MSDS
- Report monthly usage to County Agricultural Commissioner and City IPM Committee.
- Staff receives yearly respirator training, pesticide training, applicator training, and right to know.

Golf Course

Activity
Golf I.P.M.

BMP

- Monthly Complete Pesticide Usage Report for County Agricultural Commissioner
- This is a P3
- Monthly Complete I.P.M. report for City of Santa Barbara
- Pesticide Use
- Alternative Use
- Pilot Projects
- This is a P3

* COMPLETED MONTHLY FOR EACH PIECE OF EQUIPMEN
✓ THIS IS A P3

Golf Course Vehicle/Equipment Inspection Form

Name :	_____	Date:	_____
Equipment #	_____	Description:	_____
Mileage/Hours	_____	All Lights Working	_____
Due for Service:	_____	Vehicle cleaned	_____
Check for Leaks	_____	Tire Condition: Pressure, Wear	_____
Fuel Filter	_____	Brakes/Parking Brake Adjusted	_____
Battery fluid level	_____	Radiator Blown out and Cleaned	_____

Fluid Levels Checked: Oil, Water,Fuel, Hydraulic, Transmission _____

ICE Vehicles

First Aid Kits	_____	Rear View Mirrors	_____
Seat Belts	_____	Accident Report Forms	_____
Flares	_____	Fire Extinguishers	_____
Washed & Cleaned	_____	Greased & Lubricated	_____
City Map	_____	Windshield Wipers & Fluid	_____

Golf Vehicles

Belts	_____	Water Keys	_____
Horn	_____	Tire Pressure checked and filled	_____
Greased	_____		

Mowers

Blade Condition	_____	Check Safety Switches	_____
Greased	_____	All Safety Guards in Place	_____
Backlapped	_____		

Mechanics Initials _____ Repairs Needed _____

Monthly Inspection List

ICS Vehicles	
1925 John Deere 310E	Marc
2043 John Deere 5310 Skiploader	Marc
1949 Ford 4X4	Polo
2266 Ford Ranger	Rick
1689 Chevy Dump	Marc
1875 Chevy 1500	Scott
Golf Vehicles	
5418 Toro Workman	George
5574 John Deere 4310	Enrique
5520 Toro Reelmaster 6700-D	Gustavo
1395 Massey 20D	Jose
5480 Toro Reelmaster 6700	Polo
5491 Toro Workman	Jose
5498 Toro Workman W/ Planet Aire	Rudy
5503 Toro Workman	Polo
5510 Toro Groundsmaster 4500D	Kevin
5511 Toro Reelmaster 3100D	Marcos
5544 Clubcar	Rudy
5581 Toro Reelmaster 6700-D	Gustavo
5534 Clubcar	Mike
5508 Toro Trap Rake	Mike V.
5590 Toro Workman 3200	Enrique
5595 Toro Reelmaster 3100D/ Bimini	Matt
5589 Toro Multipro Sprayrig	Gustavo
5514 Toro Grounsmaster 328D	Kevin
5592 EZ-Go	Chano
5597 EZ-Go	Marcos
5607 Toro sweeper	Jose
61 Solo Rider	Mike
62 Solo Rider	Rick
5606 Toro Workman	Chano
5608 Club Car	Matt
5609 Club Car	Floyd
5575 Smithco Sweeper	George
5620 Jacobsen HR9016	Kevin

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Decon

I. PURPOSE

A. To assure that any potentially harmful or dangerous residues, on persons, equipment or apparatus, are confined within the Hot Zone.

B. Decontamination is intended to prevent the spread of contaminants beyond the already contaminated area, including the fire station, the hospital, and other environments.

II. PROCEDURE

A. The specific measures required to decontaminate personnel, equipment, or apparatus will vary with the contaminant, the circumstances and the level of contamination. These factors must be considered on a case-by-case basis, within the guidelines described in this procedure.

B. Command is responsible for assuring that a Decon is implemented at incidents which involve a potential contamination problem.

C. Decontamination must be integrated into the management plan of the hazardous materials incident.

D. The Decon unit leader is responsible for determining the most appropriate decontamination procedures and managing the decontamination process.

E. The initial assessment of decontamination requirements must be based upon the specific needs of the situation.

F. The decontamination process must be appropriately designed for the specific materials involved and the degree and type of exposure encountered.

G. The assessment will require research and may involve consultation with toxicology resources.

H. The Decon team must assume that all personnel and equipment preparing to leave the Hot Zone are contaminated. Three courses of action are available:

1. Confirm not contaminated--using instruments or investigation based on the nature of the situation.

2. Decontaminate (as appropriate to the situation) and release.

3. Retain and package items for removal from the site for disposal or decontamination at a different location.

I. In all cases the primary objective must be to avoid contaminating anyone or anything beyond the Hot Zone. When in doubt about contamination, decon all affected personnel, equipment, and apparatus.

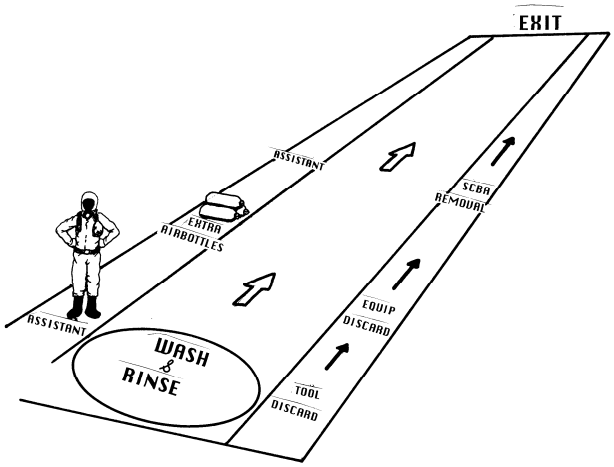
III. PROCEDURE

A. The Decontamination Area should be established within the Warm Zone, or the contamination reduction zone. Personnel, equipment, and apparatus shall not be permitted to leave the Contamination Reduction Zone without approval from the Decon team leader..

B. The Contamination Reduction Zone should provide a corridor leading away from the source of contamination toward the Cold Zone with stations along the way for the deposit of tools, equipment, protective clothing and other items.

C. Monitoring personnel and equipment should be appropriately placed along the path. A person traveling along the path should experience a decreasing level of contamination along the way.

D. When showers or spray nozzles are used, adequate space must be provided to avoid contamination of other areas or persons.



E. All contaminated items must remain within the perimeter of the Hot Zone until decontaminated or safely packaged for removal.

F. Personnel should be assigned to inspect persons and/or equipment before being released from the Decontamination Area. This inspection may be visual or may involve the use of monitoring instruments, when appropriate.

G. It must be assumed that items or persons are contaminated, unless their non-contamination can be confirmed.

IV. DECONTAMINATION AREA PRECAUTIONS

A. During the decontamination process, all personnel working in the Decontamination Area must be adequately protected from contaminants. The Decon Leader will identify and require the appropriate protective equipment. These individuals and their equipment may also require decontamination after use.

B. Any runoff or residue from decontamination procedures must be contained within the Hot Zone and retained for proper disposal. Contaminated run-off must not be allowed to spread or escape. Diking may be necessary, and should be directed back to the Hot Zone.

V. CONTAMINATED PATIENTS

A. Patients in need of medical treatment should be removed from the source of contamination as quickly as possible, but remain within the Hot Zone perimeter.

B. These patients must not be allowed to contaminate further areas or persons. It may be necessary to bring treatment personnel (with adequate protective clothing) into the Hot Zone to deal with these patients, unless they can be rapidly and effectively decontaminated.

C. After decontamination, the patients and treatment personnel may leave the Hot Zone.

VI. TRANSPORTATION

A. Patients should be quickly treated for life threatening injuries simultaneous with decontamination efforts.

B. Once treatment is completed and the patient is ready for transport, the patient should be covered and transported. Patients should be wrapped or covered to lessen off-gassing of hazardous residue. Treatment personnel may still have to wear protective garments and S.C.B.A. while enroute.

C. If it is necessary to transport contaminated patients to medical facilities, the receiving hospital must be notified in advance of the nature of the contamination, in order to make necessary preparations.

VII. PROTECTIVE EQUIPMENT PERSONAL EFFECTS

A. When feasible, protective clothing and personal effects should be decontaminated and released from the decon corridor with the individual.

B. If the Decon Team Leader determines this is not feasible, these items will be impounded in the Decontamination Area.

C. Personal effects will be carefully guarded by Decontamination unit until a determination can be made regarding their final disposition.

VIII. TOOLS AND EQUIPMENT

A. The Decon Team Leader will determine when tools, equipment and apparatus may be released from the Hot Zone.

B. No item shall be removed without approval. Decon may impound equipment for later evaluation and have it packaged for storage or transportation. This impoundment will be accomplished following the consultation of medical and technical assistance.

IX. EMERGENCY DECON

A. Purpose of emergency decon:

1. When there is an immediate need to remove contaminants from FRO responders or victims before normal decon procedures can be followed.

B. After recognizing the need for emergency decon the following should be considered.

1. Fro responders should dress in full PPE with latex gloves.

2. If possible position victims in the safest area possible away from the source of contamination.

3. Consider the need for the patient's modesty, as they may need to completely disrobe.

4. Flush patient with fresh water, strip, then flush again in the least environmentally sensitive area possible. Be aware of runoff.

5. For large numbers of patients in need of emergency decon notify the HAZMAT Team immediately, then begin emergency decon.

6. Some patients may leave the scene seeking help on their own, do your best to convince them to stay for deconning or evaluation. Ask dispatch to notify emergency rooms that they may be receiving contaminated patients from private transportation.

7. Have patients exposed to toxic gases stand in front of a positive pressure fan turning in circles for several minutes.

Fueling Procedures

I. PURPOSE

A. To establish a systematic procedure for re-fueling department vehicles and emergency apparatus.

II. SAFETY

A. Persons re-fueling shall observe safety precautions necessary to ensure proper completion of task.

1. No smoking while re-fueling.
2. All ignition and engines to be off.
3. At no time shall pump be left to run unattended.
4. Any malfunction in fueling equipment shall be reported to the shift BC.

III. PROCEDURE

A. Fueling shall take place when the fuel level reaches three quarters (3/4) of full.

B. If fueling takes place at a non-GasBoy pump, the amount of fuel pumped should be logged on the “Gas and Oil inventory control sheet” at the pump and in FireHouse.

1. The “Gas and Oil inventory control” sheet shall be turned in at the end of the month whether the sheet is full or not.

C. GasBoy pumps

1. Use key to activate GasBoy pump
2. Insert key and turn ¼ turn to the right
3. Punch in 4 digit employee ID number and press “Enter”
4. Punch in the odometer reading and press “Enter”
5. Select pump: #9 for diesel, #10 for gasoline
6. Remove key and pump fuel.

Fuel Spills

I. PURPOSE

A. To establish guidelines for the handling of flammable fuel spills (liquid or gas).

II. POLICY

A. It shall be the policy of the fire department to follow these guidelines in the handling of flammable fuel spills and to insure the safety of the personnel and citizens.

III. SAFETY

A. Avoid commitment of personnel and apparatus until a complete size up has been made.

B. All personnel should be in full structure PPE (See S-IV-2 Structure gear)

C. Keep all bystanders away from incident.

D. Remove all ignition sources in the hazardous area.

E. Some flammable liquids give off toxic vapor whether they are burning or not.

F. If personnel must operate in a precarious position, they must be protected with another fire stream.

G. Do not park apparatus in low areas - flammable vapors may have accumulated there.

IV. PROCEDURE

A. UPON ARRIVAL

1. When approaching area, slow down or stop if necessary to assess any visible action taking place. It may be necessary to "stage" incoming units away from the scene.

2. Approach from the upwind, uphill, upstream side of the incident.

3. Attempt to determine hazardous area

4. Give report on conditions and request additional equipment or special equipment, if needed.

5. Determine if rescue or evacuation problem exists.

6. Formulate a plan of action based on initial size-up plan - plan of action must provide for:

a) Safety of citizens and firefighters.

b) Evacuation of endangered area if necessary.

c) Control of situation.

d) Stabilization of the spilled material.

e) Disposal or removal of spilled material.

7. Coordinate with law enforcement personnel for evacuation and traffic control.

B. ACTIONS

1. At NO TIME will crews “wash down” a fuel spill of ANY size!

2. Control ignition sources

3. Contain spill

a) Plug leak if possible

b) Use absorbent, dirt, sand or whatever is available to stop the spread by diking around the spill

c) Plug storm drains or other openings that might lead to waterways

4. Depending on the size of the spill, cover spill with absorbent.

5. Use of foam to cover spill may be warranted depending on ability to control ignition sources and spill size.

6. Use fog streams to divert vapors away from exposures if necessary.

7. If spill has already entered drains or creeks, notify Public works, clean creeks, County HMU, and depending on circumstances, Dept. of Fish and Game.

C. DISPOSAL

1. Fuel spilled is considered waste discharge, for disposal procedures, (See E-IX-7 Sewage emergencies)

V. DOCUMENTATION

A. The Santa Barbara County Water Agency and other agencies on the South Coast have a zero tolerance policy to foreign substances (e.g. paint, anti-freeze, fuel/solvents, etc.) entering the gutters, storm drains, or other water courses.

B. There is no minimum quantity that is regarded as an acceptable spill/release.

C. Rather, the responsible party, incident commander, or engine company captain must determine if the spill/release poses a threat to:

1. Life

2. Health (workers, residential areas, schools, etc.)

3. Property

4. Environment

D. For any small motor vehicle fluid spill as outlined below, it is necessary to complete a fax form.

1. The fluid released is ten gallons or less. (For spills larger than 10 gallons, see section VI in this document)

2. The fluid release is gasoline, diesel, waste oil or other fluids commonly used by land vehicles, small aircraft or boats.

3. The fluid released does not pose an immediate risk to food, feed, or drinking water sources.

4. The fluid released is not posing a significant odor problem, respiratory or contact hazard to nearby populations.

5. Appropriate ignition prevention measures are taken.

6. The fluid released is not allowed to enter water courses and is confined to a 1,000 sq. ft. area or less.

7. The appropriate road maintenance department (e.g. CalTrans, City Street Department, etc.)is notified if the release is on a public street or highway.

8. The exception to this list is:

   a) A natural gas leak in small service lines.

   b) Any sewage or overflow.

9. The fax forms will be completed by the incident commander or captain on scene and faxed to Santa Barbara County Protection Services Division at (805) 686-8183 before the end of the next business day.

VI. ALL OTHER SPILLS:

A. For spills other than those outlined above, immediate notification must be made to Santa Barbara County Protection Services Division through County Dispatch. Unless requested to respond to the scene by our department, Santa Barbara County Protection Services Division will respond at their discretion.

B. A hazmat control number must be obtained from the Office of Emergency Services at 1-800-852-7550 for all hazmat calls.

VII. NOTE FOR INCIDENT COMMANDERS/CAPTAINS ON SCENE OF A SPILL:

A. It is the obligation of all businesses to report a spill of any type and amount, whether it is reported as an emergency or not, by completing and submitting the CAER "Hazardous Materials Incident Reporting Form" found on the back of the Haz Mat Reporting Guide. Businesses that keep hazardous materials on site should have copies of the Haz Mat Reporting Guide.

Sewer Emergencies

I. SEWAGE WASTE DISCHARGE RESPONSE

A. If waste discharge is located:

1. Inside privately owned building

   a) Assist in stopping/controlling leak and limit property damage

   b) Property owner is responsible for clean up

2. Outside privately owned building

   a) Isolate area to limit exposure to public/passerby traffic

   b) Assist in stopping/controlling leak and limit damage to environment and property. Advise owner on safe clean up actions, they are responsible for clean up.

   c) See additional information below.

3. If a private owner does not take any clean up actions, contact County Environmental Health Services through dispatch and request an HMU specialist respond. They may not be able to respond outside of normal business hours but should be notified.

4. Outside on City owned property – parking lots, parks and facilities

   a) Isolate area to limit exposure/contact

   b) Assist in stopping/controlling leak and limit damage to environment and property

   c) If a known generator of the spill is available during normal workday hours, contact Cenen Aparicio, City of Santa Barbara Environmental Specialist. After hours: contact PW, ESW (638). E.S. may be able to provide for code enforcement, along with contract provided clean up services.Arrange for cleanup by contacting Marborg for a vacuum truck through dispatch

   d) Arrange for clean up. Small amounts (< 15 Gallons) can be swept with absorbent and taken away by “638”. For larger (+15 gallons) or difficult to clean spills both Black Gold Industries and ServiceMaster are available.

e) Make notifications: CUPA (County HMU), OES, DTSC, Cal Fish and Game, Coast Guard

5. Additional information, notifications

a) Frame all actions with customer service and public education in mind. Let mobile generators (RV, Campers) know they can use the Marborg dumpsite located on Yanonali St. between Quarantina and Milpas from 0730 – 1530, daily, for free.

b) Our HazMat Unit, "638"and City Sewage Plant may be useful resources on these calls. HazMat should be requested on all spills in excess of 15 gallons.

c) If waterways or the environment is threatened, respond HazMat, notify Calif. Fish and Game and the City Creeks – Creeks Water Resource Specialist, Tim Burgess, at 897-1912, cell 448-0117. If contamination may reach navigable waters notify the U.S. Coast Guard, at 1-800-221-8724 (24 hour).

II. USEFUL CONTACT NUMBERS

A. Black Gold – 981-4616 Emergency –(1) 432-2447 (2) 479-8412 (3) 207-0030

B. Dept. of Toxic Substance Control (provides an emergency EPA Haz-Waste manifest ID # needed for transport) – 1-800-618-6942

C. CUPA (SB County HMU) – 681-5538

D. Creeks Water Resources Specialists, Tim Burgess -897-1912, cell – 331-9422 or Autumn McKee – 897-1910

E. Streets/Control 10 PW ESW (638) **After hours** contact– 564-5413

F. Streets Maintenance Supervisor, James Russell – 564-5411 cell – 331-9422

G. Environmental Services - **Normal Workday** hour's contacts:

1. Cenen Aparicio - 564-5676 cell 705-7499

2. Sue Sadler – 564-5676 cell 450-2052

3. Thomas Oretsky – 564-5669 cell 450-9746

4. Environmental Services Supervisor/alternate Backup: Stephen MacIntosh – 564-5678 cell 448-9908

Waste Disposal

I. PURPOSE

A. Understand the disposal process for waste material from fire department grounds.

B. Prevent excessive accumulation of waste material on fire department grounds.

II. WASTE DISPOSAL PROCESS

A. Waste materials on fire department grounds should not exceed 20 gallons or 200 pounds. Once waste material is recognized as requiring disposal from fire department grounds fire personnel should determine most appropriate method of disposal. If the material does not have an obvious label personnel should place a label on the product for easy recognition.

B. Notification to shift Battalion Chief should be made prior to arranging for disposal. When waste products can be safely transported by fire department personnel, coordination with the Warehouse Specialist (734) should be considered.

C. Inspections should be performed during the first Sunday of each January, to minimize accumulation of waste material on fire department grounds.

D. Station Captains are responsible for ensuring the inspection has been completed and information submitted to their respective Battalion Chief.

III. DISPOSAL RESOURCES

A. Marborg Industries Recycling Center (located at 119 North Quarantina Street) will accept the following materials:

1. Oil
2. Water based paints
3. Antifreeze
4. Batteries
5. Computers/mixed media

B. Marborg Industries may be contacted at 805-963-1852. The Marborg Recycling Facility is open 6 days a week (Monday – Saturday, 7am – 5pm).

C. Battery/small electronics recycling bins are assigned to each fire station. When bins become full personnel should contact Sue Sadler (Santa Barbara City Environmental Services) at 805-564-5686. (Monday – Friday, 9am – 2pm)

D. When disposing of materials not accepted at the Marborg site, but can be transported safely, personnel should contact the UCSB Community Hazardous Waste Collection Facility at 805-882-3602. The facility is located at Building 565, Mesa Road, on the UCSB campus. Hours of operation are Friday (by appointment), Saturday (9am – 3pm) and Sunday (11am – 3pm). Materials accepted at this location include:

1. Gasoline
2. Diesel fuel
3. Oil absorbent pads
4. Acids
5. Pesticides/herbicides
6. Cleaners
7. Explosives
8. Radioactive materials

E. In cases where disposal may include a larger risk of handling or transportation, disposal can be coordinated by contacting the Public Works personnel (638) through the Fire Department Dispatch Center or by calling 805-963-4286 (7am – 3:30pm).

F. If the disposal exceeds the capabilities of Public Works, fire personnel should consider contacting North State Environmental at 909-875-9288.

G. If material is explosive and North State Environmental determines that the material is too dangerous for transportation, the Santa Barbara County Bomb Squad should be requested through Fire Department Dispatch Center.

H. Black Gold Industrial can be contacted for disposals of high risk materials. Black Gold's weekly hours are Monday – Friday, (8am – 5pm). Black Gold's phone number is 805-981-4616. Information for on-call personnel can be heard on the voice message. Materials not accepted by Black Gold are:

1. Explosives
2. Radioactive materials

3. Biohazard materials

   a) Cases involving these materials should be considered dangerous and should consider an emergency response. (*ref.* E-IX-I Hazmat Responses)

I. Disposing of biohazard materials can be coordinated by contacting:

1. Medical Waste Environmental Engineers – 805-925-6633

2. Stericycle – 805-783-7422

3. For disposal of needles or filled sharps containers contact:

   a) Santa Barbara County Public Health Department Santa Barbara Clinic at 805-681-5380 (open Monday – Friday, 8:00am – 12:00pm and 1:00pm to 5:00pm)

   b) Santa Barbara County Public Health Department Franklin Clinic at 805-568-2099 (open Monday – Friday, 8:00am – 12:00pm and 1:00pm to 5:00pm)

   c) Waste disposal procedures should be available to all fire personnel involved with station maintenance R-I-2. Disposal costs vary depending on materials and labor.

IV. REFERENCES

A. SBFD SOP R-I-2 - Station Maintenance

B. SBFD SOP E-IX-I - Hazmat Responses

C. City of Santa Barbara Portal website/Sustainable Santa Barbara/Waste & Recycling - http://portal/C8/Recycling/default.aspx

City of Santa Barbara Motor Pool
Pollution Prevention Plan
(Rev. April 2009)

Motor Pool's overall facility goal is to operate a clean and dry equipment repair facility. Repairs are performed with the following considerations:

- Perform maintenance and repairs inside (covered) repair shop.
- Clean equipment in wash rack to remove excess build up of oil and grease.
- Maintain a clean shop floor to prevent driving through a spill or mess.
- Use drip pans or absorbent during repairs and maintenance work that involves fluids.
- All shop equipment is inspected for leaks or conditions which may lead to storm water contamination.

In the event of repairs or maintenance that constitute working outside in driveway, Motor Pool staff implements the following BMPs:

- Clean equipment in wash rack to remove excess build up of oil and grease.
- Always use drip pans.
- Verify spill kit and absorbent contents prior to commencing repairs.
- Periodically clean and inspect area for spills.
- Prompt cleaning of any spills.
- Sweep and/or mop area when job is completed.

For waste materials storage; all waste is periodically removed by the appropriate contracted services: Waste oil tanks are inspected monthly and emptied once every 1-2 months. Used oil filters are removed and steel drum containers are replaced quarterly. Batteries are disposed of on a monthly basis. Garbage, solid waste and recyclable materials are collected and disposed of weekly.

Motor Pool inspections are performed under the following guidelines:

- Drained/used oil filters are stored in covered steel drum and inspected weekly.
- Waste oil is stored in above ground tanks equipped with secondary containment and inspected weekly.
- Used batteries are stored in covered plastic container and inspected weekly.
- Waste coolant is stored in covered steel drums with secondary containment and inspected weekly.
- Waste solvent is stored in a covered steel drum with secondary containment and inspected weekly.
- Prompt cleaning of any spills.
- Storage drums stored on pallets to prevent corrosion and inspected weekly.
- Garbage, solid waste and recycle collected regularly and disposed of properly.

REPORT: CLMFAX
PAGE: 1

CITY OF SANTA BARBARA

RUN DATE: 04/01/2009
TIME: 10:56

LOCATION NUMBER 452 MOTOR POOL

CLAIM NUMBER 107787

RETURN TO: FINANCE DEPT - ACCOUNTING DIVISION, PO BOX 1990, S.B., CA 93102

CLAIM TYPE	PROGRAM	PO NO.	CLOS	TOTAL AMOUNT
PURCH ORD	PW-ICS MOTOR POOL	379896		3,254.00

VENDOR NO.	VENDOR NAME AND ADDRESS	NEW?
044543	TIMOTHY D. CARR	
REMIT CODE	DBA DONE RIGHT DETAIL	
	1474 SEABRIGHT AVE	
	GROVER BEACH CA 93433	

FILE

CONTACT: CRISTINA X5402 | ENTRY DATE: 04/01/2009 | INITIALS: CS
RETURN TO DEPARTMENT:

PO TOTAL	PAID TO DATE	UNPROCESSED CLAIMS	NEW BALANCE	NEW % REMAINING
27,000.00	21,077.00	3,254.00	2,669.00	9.89

CLAIM DESCRIPTION

ON SITE WASHING FOR DESIGNATED C

LN#	INVOICE #	INV DATE	G/L NUMBER	AMOUNT
1	031409 CH	03/14/2009	511-4521-52440-000000-000-000	22.00
2	031409 PD	03/14/2009	511-4521-52440-000000-000-000	286.00
3	031409 CY	03/14/2009	511-4521-52440-000000-000-000	1,354.00
4	022809 CH	02/28/2009	511-4521-52440-000000-000-000	22.00
5	022809 PD	02/28/2009	511-4521-52440-000000-000-000	271.00
6	022809 CY	02/28/2009	511-4521-52440-000000-000-000	1,299.00

FIRST APPROVAL: _____ | SECOND APPROVAL: _____

NOTICE

SECTION 72 OF THE PENAL CODE PROVIDES: "EVERY PERSON WHO, WITH INTENT TO DEFRAUD, PRESENTS FOR PAYMENT TO ANY STATE BOARD OR OFFICER, OR TO ANY COUNTY, CITY, DISTRICT, WARD OR VILLAGE BOARD OR OFFICER, AUTHORIZED TO ALLOW OR PAY THE SAME IF GENUINE, ANY FALSE OR FRAUDULENT CLAIM, BILL, ACCOUNT, VOUCHER, OR WRITING, IS GUILTY OF A FELONY."

FINANCE DIRECTOR APPROVAL DATE

CITY ADMINISTRATOR APPROVAL DATE

THE UNDERSIGNED, UNDER PENALTY OF PERJURY, STATES THAT THIS CLAIM AND THE ITEMS THEREIN SET OUT ARE TRUE AND CORRECT, THAT NO PART THEREOF HAS HERETOFORE BEEN PAID, AND THAT THE AMOUNT THEREIN IS JUSTLY DUE CLAIMANT.

SIGNED 4/2/09 DATE

DONE RIGHT DETAIL

P.O. BOX 1195
GROVER BEACH,CA 93483

805-710-4770

INVOICE: March 09 PO# 379896

CUSTOMER: City of Santa Barbara
ADDRESS:
PHONE:

FILE

DATE: 3/16/09

DESCRIPTION OF SERVICES:

City Hall	22.—
PD	286.—
City Yard	1354.—

SUBTOTAL: 1662.—

TOTAL: 1662.—

Customer Signature:_____ Date:_____

All payment due when work is completed unless prior arrangements have been made Done Right Detail accepts no responsibility for any prior damage done to your vehicle. Done Right Detail is not responsible for shorts in the electrical systems after an engine detail. Done Right Detail is not responsible for items left in your car. Done Right Detail guarantees its work.

THERE IS A $50.00 FEE FOR ALL RETURNED CHECKS

City of Santa Barbara
City Hall
Car Wash Accounting Sheet

Date Washed: 3/14/09

ID#	License #	Year	Manufacturer	Model	Rate	Cost	Washed
2035	1066525	2000	CHEVROLET	LUMINA	A	$7.00	✓
2036	1068532	2000	CHEVROLET	LUMINA	A	$7.00	
2060	1076737	2000	CHEVROLET	ASTRO VAN	B	$8.00	✓
2364	1215362	2007	FORD	ESCAPE HYBRID	A	$7.00	✓
2483	1218389	2009	TOYOTA	PRIUS	A	$7.00	

Page Total: 22.-

Wednesday, March 11, 2009

Page 1 of 1

City of Santa Barbara
Police Department
Car Wash Accounting Sheet

Date Washed: 3/15/09

ID#	License #	Year	Manufacturer	Model	Rate	Cost	Washed
1807	295306	1993	FORD	E350	B	$8.00	✓
1863	3KRP361	1995	FORD	TAURUS	A	$7.00	✓
1883	036354	1996	GRUMAN/OLSON	CP6S042	E	$30.00	✓
1932	4DMB370	1998	CHEVROLET	LUMINA	A	$7.00	✓
1933	4EIK077	1998	CHEVROLET	LUMINA	A	$7.00	
1934	4DGM038	1998	CHEVROLET	LUMINA	A	$7.00	
1964	1034751	1998	FORD	E150	B	$8.00	✓
1968	1020849	1999	FORD	EXPLORER 4WD	B	$8.00	✓
2002	037440	1996	CHEVROLET	BLAZER 4WD	B	$8.00	✓
2030	4PAA561	2000	CHEVROLET	LUMINA	A	$7.00	✓
2033	1066529	2000	CHEVROLET	LUMINA	A	$7.00	✓
2084	1088992	2001	FORD	EXPLORER 4WD	B	$8.00	
2093	1080861	2001	FORD	CROWN VIC B&W	A	$7.00	
2094	1080859	2001	FORD	CROWN VIC B&W	A	$7.00	
2095	1080862	2001	FORD	CROWN VIC B&W	A	$7.00	✓
2099	4PMD588	2001	FORD	TAURUS	A	$7.00	
2100	4PME637	2001	FORD	TAURUS	A	$7.00	✓
2104	1080856	2001	FORD	E350	B	$8.00	
2145	1121668	2002	FORD	FOCUS	A	$7.00	
2146	1121669	2002	FORD	FOCUS	A	$7.00	
2149	4TXH644	2002	FORD	TAURUS	A	$7.00	
2150	4TXU787	2002	FORD	TAURUS	A	$7.00	
2151	1121678	2002	FORD	CROWN VIC B&W	A	$7.00	
2191	1140032	2003	FORD	CROWN VIC B&W	A	$7.00	
2192	1140031	2003	FORD	CROWN VIC B&W	A	$7.00	
2193	1140034	2003	FORD	CROWN VIC B&W	A	$7.00	

Page Total: 104.-

ID#	License #	Year	Manufacturer	Model	Rate	Cost	Washed
2194	1140036	2003	FORD	CROWN VIC B&W	A	$7.00	
2195	1140035	2003	FORD	CROWN VIC B&W	A	$7.00	
2196	1140033	2003	FORD	CROWN VIC B&W	A	$7.00	
2197	1140042	2003	FORD	CROWN VIC B&W	A	$7.00	
2227	5ASZ067	2003	FORD	TAURUS	A	$7.00	
2228	5AVM121	2003	FORD	TAURUS	A	$7.00	
2260	5EZS994	2004	FORD	CROWN VICTORIA	A	$7.00	✓
2261	1188470	2004	FORD	CROWN VIC K-9	A	$7.00	
2262	1188468	2004	FORD	CROWN VIC K-9	A	$7.00	
2263	1188469	2004	FORD	CROWN VIC B&W	A	$7.00	✓
2264	1188474	2004	FORD	CROWN VIC B&W	A	$7.00	
2265	1168744	2004	FORD	RANGER	A	$7.00	✓
2274	1188979	2004	FORD	F350 SUPER DUTY	B	$8.00	
2275	1168978	2004	FORD	F350 SUPER DUTY	B	$8.00	
2276	1168940	2004	FORD	F350 SUPER DUTY	B	$8.00	
2287	5PHF737	2005	FORD	EXPLORER XLT	B	$8.00	
2301	5LSR686	2005	FORD	CROWN VICTORIA	A	$7.00	
2306	5MAC032	2006	FORD	TAURUS	A	$7.00	✓
2307	5LUB134	2006	FORD	TAURUS	A	$7.00	
2308	5MES175	2006	FORD	TAURUS	A	$7.00	✓
2309	5MGC021	2006	FORD	TAURUS	A	$7.00	
2311	1214467	2006	FORD	CROWN VIC B&W	A	$7.00	
2312	1214468	2006	FORD	CROWN VIC B&W	A	$7.00	✓
2313	1214469	2006	FORD	CROWN VIC B&W	A	$7.00	✓
2314	1214501	2006	FORD	CROWN VIC B&W	A	$7.00	✓
2315	1233007	2006	FORD	CROWN VIC B&W	A	$7.00	✓
2316	1233008	2006	FORD	CROWN VIC B&W	A	$7.00	✓
2317	1233009	2006	FORD	CROWN VIC B&W	A	$7.00	✓
2318	1233025	2006	FORD	CROWN VIC B&W	A	$7.00	

Page Total: 77.

ID#	License #	Year	Manufacturer	Model	Rate	Cost	Washed
2319	1233026	2006	FORD	CROWN VIC B&W	A	$7.00	✓
2320	1233059	2006	FORD	CROWN VIC B&W	A	$7.00	✓
2321	1233060	2006	FORD	CROWN VIC B&W	A	$7.00	✓
2322	1233061	2006	FORD	CROWN VIC B&W	A	$7.00	
2368	6AOC417	2007	FORD	CROWN VICTORIA	A	$7.00	
2369	6CXE114	2008	FORD	ESCAPE HYBRID	A	$7.00	
2370	6AOF565	2007	CHEVROLET	IMPALA	A	$7.00	✓
2382	1253010	2007	FORD	CROWN VIC B&W	A	$7.00	
2383	1253011	2007	FORD	CROWN VIC B&W	A	$7.00	✓
2384	1253013	2007	FORD	CROWN VIC B&W	A	$7.00	
2385	1253012	2007	FORD	CROWN VIC B&W	A	$7.00	✓
2391	1274211	2007	TOYOTA	PRIUS	A	$7.00	✓
2392	1274212	2007	TOYOTA	PRIUS	A	$7.00	
2410		2009	FORD	ESCAPE HYBRID	A	$7.00	✓
2411		2009	FORD	ESCAPE HYBRID	A	$7.00	✓
2412		2009	FORD	ESCAPE HYBRID	A	$7.00	
2413		2009	FORD	ESCAPE HYBRID	A	$7.00	✓
2420	1305341	2008	FORD	CROWN VIC B&W	A	$7.00	✓
2421	1305340	2008	FORD	CROWN VIC B&W	A	$7.00	✓
2422	1305342	2008	FORD	CROWN VIC B&W	A	$7.00	✓
2423	1305344	2008	FORD	CROWN VIC B&W	A	$7.00	
2424	1305343	2008	FORD	CROWN VIC B&W	A	$7.00	
2425	1305428	2008	FORD	CROWN VIC B&W	A	$7.00	✓
2426	1305427	2008	FORD	CROWN VIC B&W	A	$7.00	
2427	1310050	2008	FORD	CROWN VIC B&W	A	$7.00	
2467						7.—	✓

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City of Santa Barbara
City Yard
Car Wash Accounting Sheet

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ID#	License #	Year	Manufacturer	Model	Location	Rate	Cost	Washed
1593	274221	1989	GMC	3/4 TON SERVICE	WS	A	$7.00	
1616	279369	1989	FORD	L 8000	WS	A	$7.00	
1693	494229	1991	CHEVROLET	1 TON SERVICE	WS	A	$7.00	
1756	354680	1992	FORD	1 TON FLAT/DUMP	WS	A	$7.00	✓
1767	294609	1993	FORD	EXPLORER	WS	A	$7.00	
1797	439126	1993	GMC	C 3500	WS	A	$7.00	
1837	010124	1994	GMC	C 2500	WS	A	$7.00	
1838	010125	1994	GMC	C 2500	WS	A	$7.00	
1938	1018805	1998	FORD	F150	WS	A	$7.00	
1955	1004426	1999	FORD	F350 SUPER DUTY	WS	A	$7.00	✓
1965	1034750	1999	FORD	F250	WS	A	$7.00	
2003	1031225	1999	FORD	EXPLORER 4WD	WS	A	$7.00	✓
2004	037417	1996	CHEVROLET	BLAZER 2WD	WS	A	$7.00	
2010	1045443	2000	FORD	F250 SUPER DUTY	WS	A	$7.00	✓
2047	1106511	2000	CHEVROLET	C 2500 CNG	WS	A	$7.00	✓
2048	1106510	2000	CHEVROLET	C 2500 CNG	WS	A	$7.00	
2049	1106512	2000	CHEVROLET	C 2500 CNG	WS	A	$7.00	
2106	1118815	2002	FORD	EXPLORER	WS	A	$7.00	✓
2114	1112247	2001	FORD	F350 SUPER DUTY	WS	A	$7.00	

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ID#	License #	Year	Manufacturer	Model	Location	Rate	Cost	Washed
2115	1111644	2001	FORD	F350 4WD	WS	A	$7.00	
2159	1121664	2002	FORD	RANGER EXTRACAB	WS	A	$7.00	✓
2160	1121665	2002	FORD	RANGER EXTRACAB	WS	A	$7.00	✓
2167	1121679	2002	FORD	F250 SUPER DUTY	WS	A	$7.00	✓
2169	1121881	2002	FORD	F250 SUPER DUTY	WS	A	$7.00	✓
2170	1135038	2002	FORD	F250 SUPER DUTY	WS	A	$7.00	✓
2178	1140007	2002	FORD	F350 SUPER DUTY	WS	A	$7.00	
2179	1140008	2002	FORD	F350 SUPER DUTY	WS	A	$7.00	✓
2214	1173874	2003	DODGE	DAKOTA QUAD CAB	WS	A	$7.00	✓
2217	1173877	2003	FORD	RANGER EXTRACAB	WS	A	$7.00	✓
2218	1173878	2003	FORD	RANGER EXTRACAB	WS	A	$7.00	✓
2219	1173879	2003	FORD	RANGER EXTRACAB	WS	A	$7.00	✓
2220	1184207	2003	FORD	F150	WS	A	$7.00	✓
2221	1173880	2003	FORD	F150	WS	A	$7.00	✓
2222	1173881	2003	FORD	F150	WS	A	$7.00	
2223	1109638	2003	FORD	F150	WS	A	$7.00	
2235	1109636	2003	FORD	F250 SUPER DUTY	WS	A	$7.00	✓
2236	1176934	2003	FORD	F250 SUPER DUTY	WS	A	$7.00	✓
2238	1176938	2003	FORD	F350 SUPER DUTY	WS	A	$7.00	✓
2242	1176935	2003	FORD	F250 SUPER DUTY	WS	A	$7.00	✓
2284	1194604	2005	CHEVROLET	COLORADO	WS	A	$7.00	
2285	1213271	2006	FORD	ESCAPE HYBRID	WS	A	$7.00	✓

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ID#	License #	Year	Manufacturer	Model	Location	Rate	Cost	Washed
2289	1185910	2005	FORD	RANGER	WS	A	$7.00	
2299	1214550	2006	FORD	F350 4WD	WS	A	$7.00	✓
2310	1194624	2006	FORD	F250 SUPER DUTY	WS	A	$7.00	
2345	1215318	2006	FORD	F150 4WD	WS	A	$7.00	✓
2347	1241492	2007	FORD	F250 SUPER DUTY	WS	A	$7.00	✓
2353	1252679	2007	FORD	F350 SUPER DUTY	WS	A	$7.00	✓
2376	1271312	2008	FORD	F250 4WD	WS	A	$7.00	✓
2450	1310448	2008	FORD	F250 SUPER DUTY	WS	A	$7.00	✓
2457	1310427	2008	FORD	F350 4WD	WS	A	$7.00	✓
2458	1310196	2008	FORD	F350 SUPER DUTY	WS	A	$7.00	✓
1598	274226	1989	GMC	3/4 T FLAT/DUMP	PARKS	A	$7.00	
1682	093440	1991	CHEVROLET	1/2 TON PU	PARKS	A	$7.00	
1905	989989	1997	FORD	RANGER	PARKS	A	$7.00	
1908	989858	1997	FORD	F250 SUPER DUTY	PARKS	A	$7.00	
1936	1034761	1998	DODGE	RAM 1500	PARKS	A	$7.00	✓
1937	1034760	1998	DODGE	RAM 1500	PARKS	A	$7.00	✓
1943	1004423	1998	CHEVROLET	C 2500	PARKS	A	$7.00	✓
1946	1031218	1999	FORD	F250 SUPER DUTY	PARKS	A	$7.00	✓
1954	1034763	1999	FORD	F350 SUPER DUTY	PARKS	A	$7.00	
1992	1031220	1999	FORD	F150	PARKS	A	$7.00	
1993	1031221	1999	FORD	F150	PARKS	A	$7.00	✓
2013	1031215	1999	FORD	F250 SUPER DUTY	PARKS	A	$7.00	✓

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ID#	License #	Year	Manufacturer	Model	Location	Rate	Cost	Washed
2014		2000	FORD	F250 SUPER DUTY	PARKS	A	$7.00	✓
2015	1031214	1999	FORD	F250 SUPER DUTY	PARKS	A	$7.00	✓
2046	1076735	2001	DODGE	RAM 1500 4WD	PARKS	A	$7.00	
2111	1173883	2001	FORD	F250 SUPER DUTY	PARKS	A	$7.00	✓
2122	1111589	2002	FORD	EXPLORER 4WD	PARKS	A	$7.00	✓
2161	1121668	2002	FORD	RANGER EXTRACAB	PARKS	A	$7.00	
2162	1121670	2002	FORD	RANGER EXTRACAB	PARKS	A	$7.00	✓
2163	1121667	2002	FORD	RANGER EXTRACAB	PARKS	A	$7.00	✓
2164	1121674	2002	FORD	RANGER EXTRACAB	PARKS	A	$7.00	
2168	1121680	2002	FORD	F250 SUPER DUTY	PARKS	A	$7.00	✓
2234	1109837	2003	FORD	F250 SUPER DUTY	PARKS	A	$7.00	
2267	1168804	2004	FORD	RANGER EXTRACAB	PARKS	A	$7.00	✓
2268	1168805	2004	FORD	RANGER EXTRACAB	PARKS	A	$7.00	✓
2272	1168849	2004	FORD	F250 SUPER DUTY	PARKS	A	$7.00	✓
2290	1185909	2005	FORD	RANGER EXTRACAB	PARKS	A	$7.00	
2291	1194707	2005	FORD	RANGER EXTRACAB	PARKS	A	$7.00	✓
2296	1214511	2008	FORD	F250 4WD	PARKS	A	$7.00	
2297	1194662	2005	FORD	F250 SUPER DUTY	PARKS	A	$7.00	✓
2337	1202994	2006	HONDA	CIVIC HYBRID	PARKS	A	$7.00	✓
2338	1159852	2006	HONDA	CIVIC HYBRID	PARKS	A	$7.00	
2343	1241262	2007	FORD	RANGER EXTRACAB	PARKS	A	$7.00	✓
2349	1252557	2007	FORD	F250 4WD	PARKS	A	$7.00	✓

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ID#	License #	Year	Manufacturer	Model	Location	Rate	Cost	Washed
2375	1278288	2007	FORD	F150 4WD	PARKS	A	$7.00	✓
2378	1295859	2008	FORD	F250 SUPER DUTY	PARKS	A	$7.00	✓
2495		2009	FORD	F250 4WD	PARKS	A	$7.00	
0987	748490	1979	FORD	3/4 TON PU	MP	A	$7.00	
1646	274366	1990	DODGE	RAM 250	MP	A	$7.00	✓
1761	354709	1992	CHEVROLET	S10	MP	A	$7.00	
1829	351990	1994	FORD	1/2 TON PUX A/C	MP	A	$7.00	✓
1873	037418	1996	CHEVROLET	LUMINA	MP	A	$7.00	
1906	039683	1997	FORD	RANGER	MP	A	$7.00	✓
1907	989334	1997	FORD	RANGER	MP	A	$7.00	✓
1927	1001591	1998	FORD	RANGER	MP	A	$7.00	
1928	1001592	1998	FORD	RANGER	MP	A	$7.00	✓
1951	1004425	1998	FORD	EXPLORER XLT	MP	A	$7.00	✓
1991	1031208	1999	FORD	ESCORT	MP	A	$7.00	✓
1995	09L94	2000	GO-4	BT57	MP	A	$7.00	✓
1996	09L02	2000	GO-4	BT57	MP	A	$7.00	
1997	09L01	2000	GO-4	BT57	MP	A	$7.00	
1998	99K00	2000	GO-4	BT57	MP	A	$7.00	✓
1999	99K01	2000	GO-4	BT57	MP	A	$7.00	✓
2031	1066527	2000	CHEVROLET	LUMINA	MP	A	$7.00	✓
2032	1060531	2000	CHEVROLET	LUMINA	MP	A	$7.00	✓
2034	1066523	2000	CHEVROLET	LUMINA	MP	A	$7.00	

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ID#	License #	Year	Manufacturer	Model	Location	Rate	Cost	Washed
2037	1068530	2000	CHEVROLET	LUMINA	MP	A	$7.00	
2097	1088457	2001	FORD	TAURUS	MP	A	$7.00	
2118	1111598	2001	FORD	F450 SUPER DUTY	MP	A	$7.00	✓
2129	05L95	2001	GO-4	BT57	MP	A	$7.00	
2130	08L03	2001	GO-4	BT57	MP	A	$7.00	
2165	1110684	2002	DODGE	DAKOTA QUAD CAB	MP	A	$7.00	✓
2215	1173875	2003	FORD	RANGER	MP	A	$7.00	✓
2229	1168252	2003	GO-4	INTERCEPTOR II	MP	A	$7.00	✓
2230	1168251	2003	GO-4	INTERCEPTOR II	MP	A	$7.00	✓
2231	1168250	2003	GO-4	INTERCEPTOR II	MP	A	$7.00	
2273	1168939	2004	FORD	F250 SUPER DUTY	MP	A	$7.00	✓
2286	1190042	2006	FORD	ESCAPE	MP	A	$7.00	✓
2288	1185911	2005	FORD	RANGER	MP	A	$7.00	✓
2334	1202967	2006	HONDA	CIVIC HYBRID	MP	A	$7.00	✓
2341	1233128	2006	FORD	RANGER	MP	A	$7.00	✓
2393	1274209	2007	TOYOTA	PRIUS	MP	A	$7.00	✓
2394	1274210	2007	TOYOTA	PRIUS	MP	A	$7.00	✓
2406	1218394	2009	FORD	ESCAPE HYBRID	MP	A	$7.00	
2414	1218393	2009	FORD	ESCAPE HYBRID	MP	A	$7.00	✓
2440	1218363	2008	MILES	ZX40ST	MP	A	$7.00	✓
2441	1218309	2008	MILES	ZX40S	MP	A	$7.00	
2445	1305357	2008	FORD	RANGER	MP	A	$7.00	✓

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ID#	License #	Year	Manufacturer	Model	Location	Rate	Cost	Washed
2465	1306551	2008	GO-4	INTERCEPTOR III	MP	A	$7.00	✓
2466	1306552	2008	GO-4	INTERCEPTOR III	MP	A	$7.00	
2467	1306553	2008	GO-4	INTERCEPTOR III	MP	A	$7.00	
1670	288653	1991	CHEVROLET	CAVALIER	CD	A	$7.00	
1766	354692	1992	CHEVROLET	LUMINA	CD	A	$7.00	
1986	1031216	1999	FORD	TAURUS	CD	A	$7.00	✓
1987	1031207	1999	FORD	TAURUS	CD	A	$7.00	✓
1989	1031210	1999	FORD	TAURUS	CD	A	$7.00	✓
1990	1031206	1999	FORD	ESCORT	CD	A	$7.00	
2001	037438	1996	CHEVROLET	BLAZER 4WD	CD	A	$7.00	✓
2024	1031224	1999	FORD	RANGER EXTRACAB	CD	A	$7.00	✓
2025	1045446	1999	FORD	RANGER EXTRACAB	CD	A	$7.00	✓
2040	1066522	2000	CHEVROLET	LUMINA	CD	A	$7.00	
2041	1068524	2000	CHEVROLET	LUMINA	CD	A	$7.00	
2096	1088456	2001	FORD	TAURUS	CD	A	$7.00	
2101	1111848	2001	FORD	ESCORT	CD	A	$7.00	✓
2147	1121694	2002	TOYOTA	PRIUS	CD	A	$7.00	
2204	1109635	2003	HONDA	CIVIC HYBRID	CD	A	$7.00	
2206	1109634	2003	HONDA	CIVIC HYBRID	CD	A	$7.00	✓
2207	1109632	2003	HONDA	CIVIC HYBRID	CD	A	$7.00	
2209		2003	HONDA	CIVIC HYBRID	CD	A	$7.00	
2251	1185932	2004	HONDA	CIVIC HYBRID	CD	A	$7.00	✓

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ID#	License #	Year	Manufacturer	Model	Location	Rate	Cost	Washed
2252	1188473	2004	HONDA	CIVIC HYBRID	CD	A	$7.00	
2253	1188472	2004	HONDA	CIVIC HYBRID	CD	A	$7.00	✓
2282	1187115	2005	HONDA	CIVIC HYBRID	CD	A	$7.00	✓
2292	1185913	2005	FORD	RANGER EXTRACAB	CD	A	$7.00	✓
2333	1202966	2006	HONDA	CIVIC HYBRID	CD	A	$7.00	✓
2342	1233208	2006	FORD	RANGER EXTRACAB	CD	A	$7.00	✓
1446	487325	1986	CHEVROLET	1 TON FLATBED	BM	A	$7.00	
1625	113760	1990	CHEVROLET	1/2 TON PU A/C	BM	A	$7.00	
1685	288866	1991	CHEVROLET	C10	BM	A	$7.00	✓
1711	354665	1991	CHEVROLET	S10	BM	A	$7.00	
1758	354706	1992	FORD	3/4 TON SERVICE	BM	A	$7.00	
1832	001368	1994	FORD	TAURUS	BM	A	$7.00	
1833	010127	1994	FORD	TAURUS	BM	A	$7.00	✓
1834	010128	1994	FORD	TAURUS	BM	A	$7.00	
1839	010123	1994	GMC	C 2500	BM	A	$7.00	✓
2051	1083812	2000	CHEVROLET	C 2500 CNG	BM	A	$7.00	✓
2052	1085100	2000	CHEVROLET	C 2500 CNG	BM	A	$7.00	✓
2105	1121692	2001	FORD	RANGER EXTRACAB	BM	A	$7.00	✓
2110	1111645	2001	FORD	F250 SUPER DUTY	BM	A	$7.00	✓
2175		2002	FORD	F350 SUPER DUTY	BM	A	$7.00	✓
2212	1173872	2003	CHEVROLET	ASTRO CARGO VAN	BM	A	$7.00	
2271	1168881	2004	FORD	F250 SUPER DUTY	BM	A	$7.00	✓

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ID#	License #	Year	Manufacturer	Model	Location	Rate	Cost	Washed
2295	1194718	2005	FORD	F250 SUPER DUTY	BM	A	$7.00	✓
2298	1214466	2006	FORD	F350 SUPER DUTY	BM	A	$7.00	✓
2350	1241498	2007	FORD	F250 SUPER DUTY	BM	A	$7.00	✓
2351	1241497	2007	FORD	F250 SUPER DUTY	BM	A	$7.00	✓
2380	1218264	2007	GMC	CANYON	BM	A	$7.00	✓
2386	1275613	2007	HONDA	CIVIC HYBRID	BM	A	$7.00	
2418	1302925	2007	HONDA	CIVIC HYBRID	BM	A	$7.00	✓
2447	1305539	2008	FORD	F150	BM	A	$7.00	✓
2451	1310447	2008	FORD	F250 SUPER DUTY	BM	A	$7.00	✓
1821	E001499	1994	CHEVROLET	G 30 CARGO	WS	B	$8.00	
2176	1140006	2002	FORD	F350 SUPER DUTY	WS	B	$8.00	
2436		2008	DODGE	SPRINTER	WS	B	$8.00	
2438	1242218	2008	CHEVROLET	G2500 CARGO VAN	WS	B	$8.00	
2174	1121671	2002	FORD	F350 SUPER DUTY	PARKS	B	$8.00	
1984	1031226	1999	CHEVROLET	ASTRO VAN	MP	B	$8.00	✓
2156	1135035	2002	FORD	EXPLORER	MP	B	$8.00	✓
1919	989962	1997	GMC	SAVANA 3500	CO	B	$8.00	✓
1639	274396	1990	CHEVROLET	ASTRO VAN 4WD	BM	B	$8.00	
1729	286679	1991	CHEVROLET	ASTRO VAN	BM	B	$8.00	
1790	294611	1993	CHEVROLET	ASTRO VAN 4WD	BM	B	$8.00	
1920	989961	1997	GMC	SAVANA 3500	BM	B	$8.00	
1921	989960	1997	GMC	SAVANA 3500	BM	B	$8.00	

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ID#	License #	Year	Manufacturer	Model	Location	Rate	Cost	Washed
1922	989959	1997	GMC	SAVANA 3500	BM	B	$8.00	
1923	989958	1997	GMC	SAVANA 3500	BM	B	$8.00	
1924	989963	1997	GMC	SAVANA 3500	BM	B	$8.00	
1931	1135033	1998	CHEVROLET	ASTRO CARGO VAN	BM	B	$8.00	✓
2061	1076738	2000	CHEVROLET	ASTRO VAN	BM	B	$8.00	✓
2121	1112245	2001	FORD	E350	BM	B	$8.00	✓
2153	1121683	2002	CHEVROLET	ASTRO VAN	BM	B	$8.00	
2210	1173870	2003	CHEVROLET	ASTRO CARGO VAN	BM	B	$8.00	✓
2211	1173871	2003	CHEVROLET	ASTRO CARGO VAN	BM	B	$8.00	✓
2294	1189037	2005	GMC	SAFARI CARGO	BM	B	$8.00	✓
2434	1305210	2008	FORD	E150	BM	B	$8.00	✓
2470	1292189	2008	FORD	E350	BM	B	$8.00	✓
2471	1292188	2008	FORD	E350	BM	B	$8.00	✓
2472	1305328	2008	FORD	E350	BM	B	$8.00	✓
2473	1305329	2008	FORD	E350	BM	B	$8.00	✓
2474	1305330	2008	FORD	E350	BM	B	$8.00	✓
2477	1245923	2009	FORD	E150	BM	B	$8.00	✓
1191	776790	1983	INTERNATIONAL	2 1/2 TON SERV.	WS	C	$9.00	✓
1812	E274327	1989	FORD	2 1/2 T WATER	WS	C	$9.00	✓
1613	274328	1990	INTERNATIONAL	1 1/2 TON DUMP	WS	C	$9.00	✓
1619	274300	1990	INTERNATIONAL	1 1/2 FLAT/DUMP	WS	C	$9.00	✓
1651	354668	1990	MITSUBISHI FUSO	1 TON STRIPER	WS	C	$9.00	

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ID#	License #	Year	Manufacturer	Model	Location	Rate	Cost	Washed
1690	494226	1991	CHEVROLET	1 TON FLAT/LIFT	WS	C	$9.00	
1744	093439	1991	GMC	2 1/2 T RODDER	WS	C	$9.00	
1778	354710	1992	GMC	2 1/2 TON CRANE	WS	C	$9.00	✓
1798	370188	1993	GMC	TOP KICK	WS	C	$9.00	✓
1799	297512	1993	GMC	TOP KICK	WS	C	$9.00	
1819	005641	1994	GMC	TOP KICK	WS	C	$9.00	
1820	005629	1994	GMC	TOP KICK	WS	C	$9.00	
1858	010458	1995	INTERNATIONAL	4700	WS	C	$9.00	✓
1859	1218388	1995	INTERNATIONAL	4700	WS	C	$9.00	✓
1879	1001403	1996	GMC	C 6500	WS	C	$9.00	✓
1926	1001586	1998	GMC	3500 HD	WS	C	$9.00	✓
1959	1218385	1999	FORD	F450 SUPER DUTY	WS	C	$9.00	
2016	1046445	1999	FORD	F350 SUPER DUTY	WS	C	$9.00	✓
2020	1043204	1999	GMC	C 8500	WS	C	$9.00	✓
2113	1111526	2001	FORD	F350 SUPER DUTY	WS	C	$9.00	✓
2118	1112248	2001	FORD	F350 SUPER DUTY	WS	C	$9.00	✓
2135	1111597	2001	FORD	F550 SUPER DUTY	WS	C	$9.00	✓
2136	1111596	2001	FORD	F650	WS	C	$9.00	
2137	1111595	2001	FORD	F650	WS	C	$9.00	✓
2138	1221919	2001	FORD	F750	WS	C	$9.00	
2139	1185933	2001	FORD	F750	WS	C	$9.00	✓
2241	1176933	2003	FORD	F550 SUPER DUTY	WS	C	$9.00	✓

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ID#	License #	Year	Manufacturer	Model	Location	Rate	Cost	Washed
2302		2006	FORD	F550 SUPER DUTY	WS	C	$9.00	✓
2354		2006	FORD	F550 SUPER DUTY	WS	C	$9.00	✓
2365		2007	GMC	1 1/2 TON	WS	C	$9.00	✓
2456	1310281	2008	FORD	F350 SUPER DUTY	WS	C	$9.00	✓
2460		2008	FORD	F750	WS	C	$9.00	
2461		2008	FORD	F750	WS	C	$9.00	
1556	096638	1989	INTERNATIONAL	2 1/2 T TANKER	PARKS	C	$9.00	
1635	274398	1990	CHEVROLET	1 TON DUMP	PARKS	C	$9.00	
1818	005630	1994	GMC	TOP KICK	PARKS	C	$9.00	✓
1962	1001594	1998	GMC	C 7500	PARKS	C	$9.00	✓
2019	1078742	2000	GMC	TOP KICK	PARKS	C	$9.00	✓
2134	1111594	2001	FORD	F550 SUPER DUTY	PARKS	C	$9.00	✓
2140	1108485	2001	FORD	F750	PARKS	C	$9.00	✓
2184	1140037	2002	INTERNATIONAL	4700	PARKS	C	$9.00	✓
2277	1190135	2004	FREIGHTLINER	M2	PARKS	C	$9.00	✓
2379	1285120	2007	FORD	F550 SUPER DUTY	PARKS	C	$9.00	✓
2463	1218381	2008	FORD	F750	PARKS	C	$9.00	✓
1617	114196	1990	INTERNATIONAL	1 1/2 T AERIAL	BM	C	$9.00	
1823	005664	1994	CHEVROLET	C 3500HD	BM	C	$9.00	✓
1824	005640	1994	AUTOCAR	10 YARD DUMP	WS	D	$15.00	✓
1953	1022695	1999	PETERBILT	379	WS	D	$15.00	✓
2131	1069576	2001	THOMAS	BOOKMOBILE	MP	E	$30.00	✓

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ID#	License #	Year	Manufacturer	Model	Location	Rate	Cost	Washed
2132	1140001	2002	THOMAS	MVP-RE HD	BM	E	$30.00	✓
	1242218						8.00	✓
2409							7.00	✓
2081							7.00	✓
2361				Airport			7.00	✓
2483							7.00	✓
2408							7.00	✓
2176							7.00	✓
1984							7.00	✓

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DONE RIGHT DETAIL

P.O. BOX 1195
GROVER BEACH,CA 93483

805-710-4770

INVOICE: Feb 09 Po# 379896

CUSTOMER: City of Santa Barbara
ADDRESS:
PHONE:

DATE: 2/28/09

DESCRIPTION OF SERVICES:

City Hall	22.—
PD	271.—
City Yard	1299.—

SUBTOTAL: 1592.—

TOTAL: 1592.—

Customer Signature: Date:

All payment due when work is completed unless prior arrangements have been made Done Right Detail accepts no responsibility for any prior damage done to your vehicle. Done Right Detail is not responsible for shorts in the electrical systems after an engine detail. Done Right Detail is not responsible for items left in your car. Done Right Detail guarantees its work.

THERE IS A $50.00 FEE FOR ALL RETURNED CHECKS

City of Santa Barbara
City Hall
Car Wash Accounting Sheet

Date Washed: 2/28/09

ID#	License #	Year	Manufacturer	Model	Rate	Cost	Washed
2035	1066525	2000	CHEVROLET	LUMINA	A	$7.00	✓
2036	1066532	2000	CHEVROLET	LUMINA	A	$7.00	
2060	1076737	2000	CHEVROLET	ASTRO VAN	B	$8.00	✓
2364	1215362	2007	FORD	ESCAPE HYBRID	A	$7.00	✓

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Tuesday, February 03, 2009

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City of Santa Barbara
Police Department
Car Wash Accounting Sheet

Date Washed: 2/28/09

ID#	License #	Year	Manufacturer	Model	Rate	Cost	Washed
1807	295306	1993	FORD	E350	B	$8.00	✓
1863	3KRP361	1995	FORD	TAURUS	A	$7.00	✓
1883	036354	1996	GRUMAN/OLSON	CP6S042	E	$30.00	✓
1932	4DMB370	1998	CHEVROLET	LUMINA	A	$7.00	✓
1933	4EIK077	1998	CHEVROLET	LUMINA	A	$7.00	
1934	4DGM038	1998	CHEVROLET	LUMINA	A	$7.00	
1964	1034761	1998	FORD	E150	B	$8.00	✓
1968	1020849	1999	FORD	EXPLORER 4WD	B	$8.00	✓
2002	037440	1996	CHEVROLET	BLAZER 4WD	B	$8.00	
2030	4PAA551	2000	CHEVROLET	LUMINA	A	$7.00	✓
2033	1066529	2000	CHEVROLET	LUMINA	A	$7.00	✓
2084	1066992	2001	FORD	EXPLORER 4WD	B	$8.00	
2093	1080861	2001	FORD	CROWN VIC B&W	A	$7.00	
2094	1080859	2001	FORD	CROWN VIC B&W	A	$7.00	
2095	1080862	2001	FORD	CROWN VIC B&W	A	$7.00	✓
2099	4PMD588	2001	FORD	TAURUS	A	$7.00	
2100	4PME637	2001	FORD	TAURUS	A	$7.00	
2104	1080855	2001	FORD	E350	B	$8.00	
2145	1121668	2002	FORD	FOCUS	A	$7.00	
2146	1121669	2002	FORD	FOCUS	A	$7.00	
2149	4TXH644	2002	FORD	TAURUS	A	$7.00	
2150	4TXU787	2002	FORD	TAURUS	A	$7.00	
2151	1121678	2002	FORD	CROWN VIC B&W	A	$7.00	
2191	1140032	2003	FORD	CROWN VIC B&W	A	$7.00	
2192	1140031	2003	FORD	CROWN VIC B&W	A	$7.00	
2193	1140034	2003	FORD	CROWN VIC B&W	A	$7.00	

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ID#	License #	Year	Manufacturer	Model	Rate	Cost	Washed
2194	1140036	2003	FORD	CROWN VIC B&W	A	$7.00	
2195	1140035	2003	FORD	CROWN VIC B&W	A	$7.00	
2196	1140033	2003	FORD	CROWN VIC B&W	A	$7.00	
2197	1140042	2003	FORD	CROWN VIC B&W	A	$7.00	
2227	5ASZ067	2003	FORD	TAURUS	A	$7.00	
2228	5AVM121	2003	FORD	TAURUS	A	$7.00	
2260	5EZS994	2004	FORD	CROWN VICTORIA	A	$7.00	✓
2261	1168470	2004	FORD	CROWN VIC K-9	A	$7.00	
2262	1168468	2004	FORD	CROWN VIC K-9	A	$7.00	✓
2263	1168469	2004	FORD	CROWN VIC B&W	A	$7.00	✓
2264	1168474	2004	FORD	CROWN VIC B&W	A	$7.00	
2265	1168744	2004	FORD	RANGER	A	$7.00	✓
2274	1168979	2004	FORD	F350 SUPER DUTY	B	$8.00	
2275	1168978	2004	FORD	F350 SUPER DUTY	B	$8.00	
2276	1168940	2004	FORD	F350 SUPER DUTY	B	$8.00	
2287	5PHF737	2005	FORD	EXPLORER XLT	B	$8.00	
2301	5LSR686	2005	FORD	CROWN VICTORIA	A	$7.00	✓
2306	5MAC032	2006	FORD	TAURUS	A	$7.00	✓
2307	5LUB134	2006	FORD	TAURUS	A	$7.00	✓
2308	5MES175	2006	FORD	TAURUS	A	$7.00	✓
2309	5MGC021	2006	FORD	TAURUS	A	$7.00	
2311	1214467	2006	FORD	CROWN VIC B&W	A	$7.00	
2312	1214468	2006	FORD	CROWN VIC B&W	A	$7.00	
2313	1214469	2006	FORD	CROWN VIC B&W	A	$7.00	✓
2314	1214501	2006	FORD	CROWN VIC B&W	A	$7.00	✓
2315	1233007	2006	FORD	CROWN VIC B&W	A	$7.00	✓
2316	1233008	2006	FORD	CROWN VIC B&W	A	$7.00	
2317	1233009	2006	FORD	CROWN VIC B&W	A	$7.00	✓
2318	1233025	2006	FORD	CROWN VIC B&W	A	$7.00	✓

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ID#	License #	Year	Manufacturer	Model	Rate	Cost	Washed
2319	1233026	2006	FORD	CROWN VIC B&W	A	$7.00	✓
2320	1233059	2006	FORD	CROWN VIC B&W	A	$7.00	✓
2321	1233060	2006	FORD	CROWN VIC B&W	A	$7.00	✓
2322	1233061	2006	FORD	CROWN VIC B&W	A	$7.00	✓
2368	6AOC417	2007	FORD	CROWN VICTORIA	A	$7.00	
2369	6CXE114	2008	FORD	ESCAPE HYBRID	A	$7.00	
2370	6AOF565	2007	CHEVROLET	IMPALA	A	$7.00	
2382	1253010	2007	FORD	CROWN VIC B&W	A	$7.00	✓
2383	1253011	2007	FORD	CROWN VIC B&W	A	$7.00	✓
2384	1253013	2007	FORD	CROWN VIC B&W	A	$7.00	
2385	1253012	2007	FORD	CROWN VIC B&W	A	$7.00	✓
2391	1274211	2007	TOYOTA	PRIUS	A	$7.00	✓
2392	1274212	2007	TOYOTA	PRIUS	A	$7.00	
2420	1305341	2008	FORD	CROWN VIC B&W	A	$7.00	✓
2421	1305340	2008	FORD	CROWN VIC B&W	A	$7.00	✓
2422	1305342	2008	FORD	CROWN VIC B&W	A	$7.00	✓
2423	1305344	2008	FORD	CROWN VIC B&W	A	$7.00	
2424	1305343	2008	FORD	CROWN VIC B&W	A	$7.00	
2425	1305428	2008	FORD	CROWN VIC B&W	A	$7.00	✓
2426	1305427	2008	FORD	CROWN VIC B&W	A	$7.00	✓
2427	1310050	2008	FORD	CROWN VIC B&W	A	$7.00	✓

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City of Santa Barbara
City Yard
Car Wash Accounting Sheet

Date Washed: 2/28/09

ID#	License #	Year	Manufacturer	Model	Location	Rate	Cost	Washed
1593	274221	1989	GMC	3/4 TON SERVICE	WS	A	$7.00	
1616	279369	1989	FORD	L 8000	WS	A	$7.00	
1693	494229	1991	CHEVROLET	1 TON SERVICE	WS	A	$7.00	
1758	354680	1992	FORD	1 TON FLAT/DUMP	WS	A	$7.00	✓
1787	294609	1993	FORD	EXPLORER	WS	A	$7.00	
1797	439126	1993	GMC	C 3500	WS	A	$7.00	
1837	010124	1994	GMC	C 2500	WS	A	$7.00	
1838	010125	1994	GMC	C 2500	WS	A	$7.00	
1938	1018805	1998	FORD	F150	WS	A	$7.00	
1955	1004426	1999	FORD	F350 SUPER DUTY	WS	A	$7.00	
1965	1034750	1999	FORD	F250	WS	A	$7.00	✓
2003	1031225	1999	FORD	EXPLORER 4WD	WS	A	$7.00	✓
2004	037417	1996	CHEVROLET	BLAZER 2WD	WS	A	$7.00	✓
2010	1045443	2000	FORD	F250 SUPER DUTY	WS	A	$7.00	✓
2047	1106511	2000	CHEVROLET	C 2500 CNG	WS	A	$7.00	✓
2048	1106510	2000	CHEVROLET	C 2500 CNG	WS	A	$7.00	✓
2049	1106512	2000	CHEVROLET	C 2500 CNG	WS	A	$7.00	
2108	1118815	2002	FORD	EXPLORER	WS	A	$7.00	
2114	1112247	2001	FORD	F350 SUPER DUTY	WS	A	$7.00	

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ID#	License #	Year	Manufacturer	Model	Location	Rate	Cost	Washed
2115	1111644	2001	FORD	F350 4WD	WS	A	$7.00	
2159	1121664	2002	FORD	RANGER EXTRACAB	WS	A	$7.00	✓
2160	1121665	2002	FORD	RANGER EXTRACAB	WS	A	$7.00	✓
2167	1121679	2002	FORD	F250 SUPER DUTY	WS	A	$7.00	✓
2168	1121681	2002	FORD	F250 SUPER DUTY	WS	A	$7.00	
2170	1135038	2002	FORD	F250 SUPER DUTY	WS	A	$7.00	✓
2178	1140007	2002	FORD	F350 SUPER DUTY	WS	A	$7.00	
2179	1140008	2002	FORD	F350 SUPER DUTY	WS	A	$7.00	✓
2214	1173874	2003	DODGE	DAKOTA QUAD CAB	WS	A	$7.00	✓
2217	1173877	2003	FORD	RANGER EXTRACAB	WS	A	$7.00	✓
2218	1173878	2003	FORD	RANGER EXTRACAB	WS	A	$7.00	✓
2219	1173879	2003	FORD	RANGER EXTRACAB	WS	A	$7.00	✓
2220	1164207	2003	FORD	F150	WS	A	$7.00	✓
2221	1173880	2003	FORD	F150	WS	A	$7.00	✓
2222	1173881	2003	FORD	F150	WS	A	$7.00	
2223	1109638	2003	FORD	F150	WS	A	$7.00	
2235	1109636	2003	FORD	F250 SUPER DUTY	WS	A	$7.00	✓
2236	1176934	2003	FORD	F250 SUPER DUTY	WS	A	$7.00	✓
2238	1176936	2003	FORD	F350 SUPER DUTY	WS	A	$7.00	✓
2242	1176935	2003	FORD	F250 SUPER DUTY	WS	A	$7.00	✓
2284	1194604	2005	CHEVROLET	COLORADO	WS	A	$7.00	
2285	1213271	2006	FORD	ESCAPE HYBRID	WS	A	$7.00	✓

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ID#	License #	Year	Manufacturer	Model	Location	Rate	Cost	Washed
2289	1185910	2005	FORD	RANGER	WS	A	$7.00	
2299	1214550	2006	FORD	F350 4WD	WS	A	$7.00	✓
2310	1194624	2006	FORD	F250 SUPER DUTY	WS	A	$7.00	
2345	1215318	2006	FORD	F150 4WD	WS	A	$7.00	✓
2347	1241492	2007	FORD	F250 SUPER DUTY	WS	A	$7.00	✓
2353	1252679	2007	FORD	F350 SUPER DUTY	WS	A	$7.00	✓
2376	1271312	2008	FORD	F250 4WD	WS	A	$7.00	✓
2450	1310448	2008	FORD	F250 SUPER DUTY	WS	A	$7.00	✓
2457	1310427	2008	FORD	F350 4WD	WS	A	$7.00	✓
2458	1310186	2008	FORD	F350 SUPER DUTY	WS	A	$7.00	✓
1598	274226	1989	GMC	3/4 T FLAT/DUMP	PARKS	A	$7.00	
1682	093440	1991	CHEVROLET	1/2 TON PU	PARKS	A	$7.00	
1905	989969	1997	FORD	RANGER	PARKS	A	$7.00	
1908	989856	1997	FORD	F250 SUPER DUTY	PARKS	A	$7.00	
1936	1034761	1998	DODGE	RAM 1500	PARKS	A	$7.00	✓
1937	1034760	1998	DODGE	RAM 1500	PARKS	A	$7.00	
1943	1004423	1998	CHEVROLET	C 2500	PARKS	A	$7.00	✓
1946	1031218	1999	FORD	F250 SUPER DUTY	PARKS	A	$7.00	
1954	1034753	1999	FORD	F350 SUPER DUTY	PARKS	A	$7.00	✓
1992	1031220	1999	FORD	F150	PARKS	A	$7.00	✓
1993	1031221	1999	FORD	F150	PARKS	A	$7.00	✓
2013	1031215	1999	FORD	F250 SUPER DUTY	PARKS	A	$7.00	✓

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ID#	License #	Year	Manufacturer	Model	Location	Rate	Cost	Washed
2014		2000	FORD	F250 SUPER DUTY	PARKS	A	$7.00	✓
2015	1031214	1999	FORD	F250 SUPER DUTY	PARKS	A	$7.00	
2046	1076735	2001	DODGE	RAM 1500 4WD	PARKS	A	$7.00	✓
2111	1173883	2001	FORD	F250 SUPER DUTY	PARKS	A	$7.00	✓
2122	1111589	2002	FORD	EXPLORER 4WD	PARKS	A	$7.00	
2161	1121666	2002	FORD	RANGER EXTRACAB	PARKS	A	$7.00	✓
2162	1121670	2002	FORD	RANGER EXTRACAB	PARKS	A	$7.00	✓
2163	1121667	2002	FORD	RANGER EXTRACAB	PARKS	A	$7.00	✓
2164	1121674	2002	FORD	RANGER EXTRACAB	PARKS	A	$7.00	
2168	1121680	2002	FORD	F250 SUPER DUTY	PARKS	A	$7.00	
2234	1109837	2003	FORD	F250 SUPER DUTY	PARKS	A	$7.00	
2267	1168804	2004	FORD	RANGER EXTRACAB	PARKS	A	$7.00	✓
2268	1168805	2004	FORD	RANGER EXTRACAB	PARKS	A	$7.00	✓
2272	1168849	2004	FORD	F250 SUPER DUTY	PARKS	A	$7.00	✓
2290	1185909	2005	FORD	RANGER EXTRACAB	PARKS	A	$7.00	✓
2291	1194707	2005	FORD	RANGER EXTRACAB	PARKS	A	$7.00	✓
2296	1214511	2006	FORD	F250 4WD	PARKS	A	$7.00	
2297	1194662	2005	FORD	F250 SUPER DUTY	PARKS	A	$7.00	✓
2337	1202994	2006	HONDA	CIVIC HYBRID	PARKS	A	$7.00	
2338	1159852	2006	HONDA	CIVIC HYBRID	PARKS	A	$7.00	
2343	1241262	2007	FORD	RANGER EXTRACAB	PARKS	A	$7.00	✓
2349	1252557	2007	FORD	F250 4WD	PARKS	A	$7.00	

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ID#	License #	Year	Manufacturer	Model	Location	Rate	Cost	Washed
2375	1279288	2007	FORD	F150 4WD	PARKS	A	$7.00	
2378	1295859	2008	FORD	F250 SUPER DUTY	PARKS	A	$7.00	✓
2488		2009	FORD	F250 4WD	PARKS	A	$7.00	
0967	748490	1979	FORD	3/4 TON PU	MP	A	$7.00	
1648	274366	1990	DODGE	RAM 250	MP	A	$7.00	✓
1761	354709	1992	CHEVROLET	S10	MP	A	$7.00	
1629	351990	1994	FORD	1/2 TON PUX A/C	MP	A	$7.00	✓
1873	037418	1996	CHEVROLET	LUMINA	MP	A	$7.00	
1906	039883	1997	FORD	RANGER	MP	A	$7.00	✓
1907	989334	1997	FORD	RANGER	MP	A	$7.00	✓
1927	1001591	1998	FORD	RANGER	MP	A	$7.00	
1928	1001592	1998	FORD	RANGER	MP	A	$7.00	✓
1951	1004425	1998	FORD	EXPLORER XLT	MP	A	$7.00	✓
1991	1031208	1999	FORD	ESCORT	MP	A	$7.00	✓
1995	05L94	2000	GO-4	BT57	MP	A	$7.00	✓
1996	09L02	2000	GO-4	BT57	MP	A	$7.00	
1997	09L01	2000	GO-4	BT57	MP	A	$7.00	
1998	99K00	2000	GO-4	BT57	MP	A	$7.00	
1999	99K01	2000	GO-4	BT57	MP	A	$7.00	✓
2031	1066527	2000	CHEVROLET	LUMINA	MP	A	$7.00	✓
2032	1066531	2000	CHEVROLET	LUMINA	MP	A	$7.00	
2034	1066523	2000	CHEVROLET	LUMINA	MP	A	$7.00	

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ID#	License #	Year	Manufacturer	Model	Location	Rate	Cost	Washed
2037	1066530	2000	CHEVROLET	LUMINA	MP	A	$7.00	
2097	1068457	2001	FORD	TAURUS	MP	A	$7.00	
2116	1111598	2001	FORD	F450 SUPER DUTY	MP	A	$7.00	✓
2129	05L95	2001	GO-4	BT57	MP	A	$7.00	
2130	09L03	2001	GO-4	BT57	MP	A	$7.00	
2165	1110684	2002	DODGE	DAKOTA QUAD CAB	MP	A	$7.00	✓
2215	1173875	2003	FORD	RANGER	MP	A	$7.00	✓
2229	1168252	2003	GO-4	INTERCEPTOR II	MP	A	$7.00	✓
2230	1168251	2003	GO-4	INTERCEPTOR II	MP	A	$7.00	
2231	1168250	2003	GO-4	INTERCEPTOR II	MP	A	$7.00	
2273	1168939	2004	FORD	F250 SUPER DUTY	MP	A	$7.00	✓
2286	1190042	2006	FORD	ESCAPE	MP	A	$7.00	✓
2288	1185911	2005	FORD	RANGER	MP	A	$7.00	✓
2334	1202967	2006	HONDA	CIVIC HYBRID	MP	A	$7.00	✓
2341	1233128	2006	FORD	RANGER	MP	A	$7.00	✓
2393	1274209	2007	TOYOTA	PRIUS	MP	A	$7.00	✓
2394	1274210	2007	TOYOTA	PRIUS	MP	A	$7.00	
2440	1218363	2008	MILES	ZX40ST	MP	A	$7.00	✓
2441	1218369	2008	MILES	ZX40S	MP	A	$7.00	
2445	1305357	2008	FORD	RANGER	MP	A	$7.00	✓
2465	1306551	2008	GO-4	INTERCEPTOR III	MP	A	$7.00	✓
2466	1306552	2008	GO-4	INTERCEPTOR III	MP	A	$7.00	✓

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ID#	License #	Year	Manufacturer	Model	Location	Rate	Cost	Washed
2467	1306553	2008	GO-4	INTERCEPTOR III	MP	A	$7.00	
1670	288653	1991	CHEVROLET	CAVALIER	CD	A	$7.00	
1765	354682	1992	CHEVROLET	LUMINA	CD	A	$7.00	
1986	1031216	1999	FORD	TAURUS	CD	A	$7.00	✓
1987	1031207	1999	FORD	TAURUS	CD	A	$7.00	✓
1989	1031210	1999	FORD	TAURUS	CD	A	$7.00	✓
1990	1031206	1999	FORD	ESCORT	CD	A	$7.00	
2001	037438	1996	CHEVROLET	BLAZER 4WD	CD	A	$7.00	✓
2024	1031224	1999	FORD	RANGER EXTRACAB	CD	A	$7.00	✓
2025	1045446	1999	FORD	RANGER EXTRACAB	CD	A	$7.00	✓
2040	1066522	2000	CHEVROLET	LUMINA	CD	A	$7.00	
2041	1066524	2000	CHEVROLET	LUMINA	CD	A	$7.00	✓
2096	1088456	2001	FORD	TAURUS	CD	A	$7.00	
2101	1111648	2001	FORD	ESCORT	CD	A	$7.00	✓
2147	1121694	2002	TOYOTA	PRIUS	CD	A	$7.00	
2204	1109635	2003	HONDA	CIVIC HYBRID	CD	A	$7.00	
2206	1109634	2003	HONDA	CIVIC HYBRID	CD	A	$7.00	✓
2207	1109632	2003	HONDA	CIVIC HYBRID	CD	A	$7.00	
2209		2003	HONDA	CIVIC HYBRID	CD	A	$7.00	
2251	1185932	2004	HONDA	CIVIC HYBRID	CD	A	$7.00	✓
2252	1188473	2004	HONDA	CIVIC HYBRID	CD	A	$7.00	
2253	1188472	2004	HONDA	CIVIC HYBRID	CD	A	$7.00	✓

Page Total: 7✓

ID#	License #	Year	Manufacturer	Model	Location	Rate	Cost	Washed
2282	1187115	2005	HONDA	CIVIC HYBRID	CD	A	$7.00	
2292	1185913	2005	FORD	RANGER EXTRACAB	CD	A	$7.00	✓
2333	1202966	2006	HONDA	CIVIC HYBRID	CD	A	$7.00	✓
2342	1233208	2006	FORD	RANGER EXTRACAB	CD	A	$7.00	✓
1446	487325	1986	CHEVROLET	1 TON FLATBED	BM	A	$7.00	✓
1625	113760	1990	CHEVROLET	1/2 TON PU A/C	BM	A	$7.00	
1685	288866	1991	CHEVROLET	C10	BM	A	$7.00	✓
1711	354665	1991	CHEVROLET	S10	BM	A	$7.00	
1756	354706	1992	FORD	3/4 TON SERVICE	BM	A	$7.00	
1832	001368	1994	FORD	TAURUS	BM	A	$7.00	
1833	010127	1994	FORD	TAURUS	BM	A	$7.00	✓
1834	010128	1994	FORD	TAURUS	BM	A	$7.00	
1839	010123	1994	GMC	C 2500	BM	A	$7.00	
2051	1083812	2000	CHEVROLET	C 2500 CNG	BM	A	$7.00	✓
2052	1085100	2000	CHEVROLET	C 2500 CNG	BM	A	$7.00	✓
2105	1121692	2001	FORD	RANGER EXTRACAB	BM	A	$7.00	
2110	1111645	2001	FORD	F250 SUPER DUTY	BM	A	$7.00	
2175		2002	FORD	F350 SUPER DUTY	BM	A	$7.00	
2212	1173872	2003	CHEVROLET	ASTRO CARGO VAN	BM	A	$7.00	✓
2271	1188881	2004	FORD	F250 SUPER DUTY	BM	A	$7.00	✓
2295	1194718	2005	FORD	F250 SUPER DUTY	BM	A	$7.00	
2298	1214488	2006	FORD	F350 SUPER DUTY	BM	A	$7.00	✓

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ID#	License #	Year	Manufacturer	Model	Location	Rate	Cost	Washed
2350	1241498	2007	FORD	F250 SUPER DUTY	BM	A	$7.00	✓
2351	1241497	2007	FORD	F250 SUPER DUTY	BM	A	$7.00	✓
2380	1218264	2007	GMC	CANYON	BM	A	$7.00	
2386	1275613	2007	HONDA	CIVIC HYBRID	BM	A	$7.00	
2418	1302925	2007	HONDA	CIVIC HYBRID	BM	A	$7.00	
2447	1305539	2008	FORD	F150	BM	A	$7.00	
2451	1310447	2008	FORD	F250 SUPER DUTY	BM	A	$7.00	
1821	E001499	1994	CHEVROLET	G 30 CARGO	WS	B	$8.00	
2176	1140006	2002	FORD	F350 SUPER DUTY	WS	B	$8.00	
2436		2008	DODGE	SPRINTER	WS	B	$8.00	
2438	1242218	2008	CHEVROLET	G2500 CARGO VAN	WS	B	$8.00	
2174	1121671	2002	FORD	F350 SUPER DUTY	PARKS	B	$8.00	
1994	1031226	1999	CHEVROLET	ASTRO VAN	MP	B	$8.00	✓
2156	1135035	2002	FORD	EXPLORER	MP	B	$8.00	
1919	989962	1997	GMC	SAVANA 3500	CD	B	$8.00	✓
1699	274396	1990	CHEVROLET	ASTRO VAN 4WD	BM	B	$8.00	
1729	288879	1991	CHEVROLET	ASTRO VAN	BM	B	$8.00	✓
1790	294611	1993	CHEVROLET	ASTRO VAN 4WD	BM	B	$8.00	
1920	989961	1997	GMC	SAVANA 3500	BM	B	$8.00	
1921	989960	1997	GMC	SAVANA 3500	BM	B	$8.00	
1922	989959	1997	GMC	SAVANA 3500	BM	B	$8.00	
1923	989958	1997	GMC	SAVANA 3500	BM	B	$8.00	

Page Total: 35.

ID#	License #	Year	Manufacturer	Model	Location	Rate	Cost	Washed
1924	989963	1997	GMC	SAVANA 3500	BM	B	$8.00	
1931	1135033	1998	CHEVROLET	ASTRO CARGO VAN	BM	B	$8.00	✓
2061	1076738	2000	CHEVROLET	ASTRO VAN	BM	B	$8.00	✓
2121	1112245	2001	FORD	E350	BM	B	$8.00	✓
2153	1121663	2002	CHEVROLET	ASTRO VAN	BM	B	$8.00	
2210	1173870	2003	CHEVROLET	ASTRO CARGO VAN	BM	B	$8.00	✓
2211	1173871	2003	CHEVROLET	ASTRO CARGO VAN	BM	B	$8.00	
2294	1189037	2005	GMC	SAFARI CARGO	BM	B	$8.00	
2434	1305210	2008	FORD	E150	BM	B	$8.00	✓
2470	1292189	2008	FORD	E350	BM	B	$8.00	
2471	1292188	2008	FORD	E350	BM	B	$8.00	✓
2472	1305328	2008	FORD	E350	BM	B	$8.00	✓
2473	1305329	2008	FORD	E350	BM	B	$8.00	✓
2474	1305330	2008	FORD	E350	BM	B	$8.00	✓
2477	1245923	2009	FORD	E150	BM	B	$8.00	✓
1191	776790	1983	INTERNATIONAL	2 1/2 TON SERV.	WS	C	$9.00	✓
1612	E274327	1989	FORD	2 1/2 T WATER	WS	C	$9.00	✓
1613	274328	1990	INTERNATIONAL	1 1/2 TON DUMP	WS	C	$9.00	✓
1619	274399	1990	INTERNATIONAL	1 1/2 FLAT/DUMP	WS	C	$9.00	✓
1651	354668	1990	MITSUBISHI FU 80	1 TON STRIPER	WS	C	$9.00	
1690	494226	1991	CHEVROLET	1 TON FLAT/LIFT	WS	C	$9.00	
1744	093439	1991	GMC	2 1/2 T RODDER	WS	C	$9.00	

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ID#	License #	Year	Manufacturer	Model	Location	Rate	Cost	Washed
1778	354710	1992	GMC	2 1/2 TON CRANE	WS	C	$9.00	✓
1798	370188	1993	GMC	TOP KICK	WS	C	$9.00	✓
1799	297512	1993	GMC	TOP KICK	WS	C	$9.00	
1819	005641	1994	GMC	TOP KICK	WS	C	$9.00	✓
1820	005629	1994	GMC	TOP KICK	WS	C	$9.00	
1858	010458	1995	INTERNATIONAL	4700	WS	C	$9.00	✓
1859	010460	1995	INTERNATIONAL	4700	WS	C	$9.00	✓
1879	1001403	1996	GMC	C 6500	WS	C	$9.00	✓
1928	1001586	1998	GMC	3500 HD	WS	C	$9.00	✓
1959	1034755	1999	FORD	F450 SUPER DUTY	WS	C	$9.00	
2016	1045445	1999	FORD	F350 SUPER DUTY	WS	C	$9.00	✓
2020	1043204	1999	GMC	C 8500	WS	C	$9.00	✓
2113	1111528	2001	FORD	F350 SUPER DUTY	WS	C	$9.00	✓
2116	1112248	2001	FORD	F350 SUPER DUTY	WS	C	$9.00	✓
2135	1111597	2001	FORD	F550 SUPER DUTY	WS	C	$9.00	✓
2136	1111596	2001	FORD	F650	WS	C	$9.00	
2137	1111595	2001	FORD	F650	WS	C	$9.00	✓
2138	1221919	2001	FORD	F750	WS	C	$9.00	✓
2139	1185933	2001	FORD	F750	WS	C	$9.00	✓
2241	1176933	2003	FORD	F550 SUPER DUTY	WS	C	$9.00	✓
2302		2005	FORD	F550 SUPER DUTY	WS	C	$9.00	✓
2354		2005	FORD	F550 SUPER DUTY	WS	C	$9.00	✓

Page Total: 162.-

ID#	License #	Year	Manufacturer	Model	Location	Rate	Cost	Washed
2365		2007	GMC	1 1/2 TON	WS	C	$9.00	✓
2456	1310281	2008	FORD	F350 SUPER DUTY	WS	C	$9.00	✓
2460		2008	FORD	F750	WS	C	$9.00	
2461		2008	FORD	F750	WS	C	$9.00	
1556	096638	1989	INTERNATIONAL	2 1/2 T TANKER	PARKS	C	$9.00	
1635	274398	1990	CHEVROLET	1 TON DUMP	PARKS	C	$9.00	
1818	095530	1994	GMC	TOP KICK	PARKS	C	$9.00	✓
1962	1001594	1998	GMC	C7500	PARKS	C	$9.00	✓
2019	1076742	2000	GMC	TOP KICK	PARKS	C	$9.00	✓
2134	1111694	2001	FORD	F550 SUPER DUTY	PARKS	C	$9.00	✓
2140	1108485	2001	FORD	F750	PARKS	C	$9.00	✓
2184	1140037	2002	INTERNATIONAL	4700	PARKS	C	$9.00	✓
2277	1190135	2004	FREIGHTLINER	M2	PARKS	C	$9.00	✓
2379	1285120	2007	FORD	F550 SUPER DUTY	PARKS	C	$9.00	✓
2463	1218381	2008	FORD	F750	PARKS	C	$9.00	✓
1617	114198	1990	INTERNATIONAL	1 1/2 T AERIAL	BM	C	$9.00	✓
1823	005664	1994	CHEVROLET	C3500HD	BM	C	$9.00	✓
1824	005840	1994	AUTOCAR	10 YARD DUMP	WS	D	$15.00	✓
1953	1022695	1999	PETERBILT	379	WS	D	$15.00	✓
2131	1069576	2001	THOMAS	BOOKMOBILE	MP	E	$30.00	✓
2132	1140001	2002	THOMAS	MVP-RE HD	BM	E	$30.00	✓

Page Total: 207

City Yard missing on list. 6/26/07

124 2218	9.—	☑
2352	7.—	☑
2406	7.—	☑
2081	7.—	☑
1884	7.—	☑
2409	7.—	☑
2414	7.—	☑
2467	7.—	☑
2176	7.—	☑
2413	7.—	☑
2039	7.—	☑
2411	7.—	☑
2410	7.—	☑
1984	7.—	☑
TOTAL	100.—	

CITY OF SANTA BARBARA
Public Works Department
Interoffice Memorandum

DATE: March 25, 2009

TO: Bill Hornung, General Services Manager

FROM: Cristina Caratachea, Administrative Assistant - Motor Pool

SUBJECT: REQUEST FOR **B.P.O.** CHANGE ORDER

Please Change B.P.O. No **379896**, issued to **Done Right Detail.**
Account Number affected is 511-4521-52440

Please **Increase** this **Blanket Purchase Order** as indicated.

G/L Account 511-4521-52440

Current B.P.O. Amount.	**$ 22,000.00**
This Change.....	**$ 5,000.00**
New Balance.....	**$ 27,000.00**

NEW TOTAL **$ 27,000.00**

Reason for Increase: Change order done to cover current and future invoices

Requested by: 3/26/09
Gary Horwald,
Fleet Services Superintendent

Approved by: 3/27/09
Bill McTomney,
PW Administrative Officer

cc: Vendor File: Done Right Detail

REPORT: CLMFAX
PAGE: 1

CITY OF SANTA BARBARA

RUN DATE: 04/22/2009
TIME: 09:32

LOCATION NUMBER 452 MOTOR POOL

CLAIM NUMBER 108154

RETURN TO: FINANCE DEPT - ACCOUNTING DIVISION, PO BOX 1990, S.B., CA 93102

CLAIM TYPE	PROGRAM	PO NO.	CLOS	TOTAL AMOUNT
PURCH ORD	PW-ICS MOTOR POOL	379896		1,745.00

VENDOR NO.	VENDOR NAME AND ADDRESS	NEW?
044543	TIMOTHY D. CARR	
REMIT CODE	DBA DONE RIGHT DETAIL	
	1474 SEABRIGHT AVE	
	GROVER BEACH CA 93433	

CONTACT: CRISTINA X5402
RETURN TO DEPARTMENT:

ENTRY DATE: 04/22/2009

INITIALS: CS

PO TOTAL	PAID TO DATE	UNPROCESSED CLAIMS	NEW BALANCE	NEW % REMAINING
27,000.00	24,331.00	1,745.00	924.00	3.42

CLAIM DESCRIPTION

ON SITE WASHING FOR DESIGNATED C

LN#	INVOICE #	INV DATE	G/L NUMBER	AMOUNT
1	041109 CH	04/11/2009	513-4521-52440-000000-000-000	15.00
2	041209 PD	04/12/2009	513-4521-52440-000000-000-000	308.00
3	041109 CY	04/11/2009	513-4521-52440-000000-000-000	1,422.00

FIRST APPROVAL: _____

SECOND APPROVAL: _____

NOTICE

SECTION 72 OF THE PENAL CODE PROVIDES: "EVERY PERSON WHO, WITH INTENT TO DEFRAUD, PRESENTS FOR PAYMENT TO ANY STATE BOARD OR OFFICER, OR TO ANY COUNTY, CITY, DISTRICT, WARD OR VILLAGE BOARD OR OFFICER, AUTHORIZED TO ALLOW OR PAY THE SAME IF GENUINE, ANY FALSE OR FRAUDULENT CLAIM, BILL, ACCOUNT, VOUCHER, OR WRITING, IS GUILTY OF A FELONY."

FINANCE DIRECTOR APPROVAL DATE

CITY ADMINISTRATOR APPROVAL DATE

THE UNDERSIGNED, UNDER PENALTY OF PERJURY, STATES THAT THIS CLAIM AND THE ITEMS THEREIN SET OUT ARE TRUE AND CORRECT, THAT NO PART THEREOF HAS HERETOFORE BEEN PAID, AND THAT THE AMOUNT THEREIN IS JUSTLY DUE CLAIMANT.

SIGNED 4/22/09 DATE

ENTERED

DONE RIGHT DETAIL

P.O. BOX 1195
GROVER BEACH,CA 93483

805-710-4770

INVOICE: April 09 PO# 379896

CUSTOMER: City of Santa Barbara
ADDRESS:
PHONE:

DATE: 4/15/09

DESCRIPTION OF SERVICES:

City Hall	15.—
PD	308.—
City Yard	1422.—

SUBTOTAL: 1745.—

TOTAL: 1745.—

Customer Signature: Date:

All payment due when work is completed unless prior arrangements have been made Done Right Detail accepts no responsibility for any prior damage done to your vehicle. Done Right Detail is not responsible for shorts in the electrical systems after an engine detail. Done Right Detail is not responsible for items left in your car. Done Right Detail guarantees its work.

THERE IS A $50.00 FEE FOR ALL RETURNED CHECKS

City of Santa Barbara
City Hall
Car Wash Accounting Sheet

Date Washed: 4/11/09

ID#	License #	Year	Manufacturer	Model	Rate	Cost	Washed
2035	1066525	2000	CHEVROLET	LUMINA	A	$7.00	
2036	1066532	2000	CHEVROLET	LUMINA	A	$7.00	
2060	1076737	2000	CHEVROLET	ASTRO VAN	B	$8.00	✓
2364	1215362	2007	FORD	ESCAPE HYBRID	A	$7.00	✓
2483	1218389	2009	TOYOTA	PRIUS	A	$7.00	

Page Total: 15.-

Monday, April 06, 2009

Page 1 of 1

Appendix 6J-2

City of Santa Barbara
Police Department
Car Wash Accounting Sheet

Date Washed: 4/12/09

ID#	License #	Year	Manufacturer	Model	Rate	Cost	Washed
1807	295306	1993	FORD	E350	B	$8.00	✓
1883	3KRP361	1995	FORD	TAURUS	A	$7.00	✓
1883	036354	1995	GRUMAN/OLSON	CP6S042	E	$30.00	✓
1932	4DMB370	1998	CHEVROLET	LUMINA	A	$7.00	✓
1933	4EIK077	1998	CHEVROLET	LUMINA	A	$7.00	
1934	4DGM036	1998	CHEVROLET	LUMINA	A	$7.00	
1964	1034751	1998	FORD	E150	B	$8.00	✓
1968	1020849	1999	FORD	EXPLORER 4WD	B	$8.00	✓
2002	037440	1996	CHEVROLET	BLAZER 4WD	B	$8.00	✓
2030	4PAA551	2000	CHEVROLET	LUMINA	A	$7.00	✓
2033	1066529	2000	CHEVROLET	LUMINA	A	$7.00	✓
2084	1086992	2001	FORD	EXPLORER 4WD	B	$8.00	
2093	1080861	2001	FORD	CROWN VIC B&W	A	$7.00	
2094	1080859	2001	FORD	CROWN VIC B&W	A	$7.00	
2095	1080862	2001	FORD	CROWN VIC B&W	A	$7.00	✓
2099	4PMD588	2001	FORD	TAURUS	A	$7.00	
2100	4PME637	2001	FORD	TAURUS	A	$7.00	✓
2104	1080855	2001	FORD	E350	B	$8.00	✓
2145	1121668	2002	FORD	FOCUS	A	$7.00	
2148	1121669	2002	FORD	FOCUS	A	$7.00	
2149	4TXH644	2002	FORD	TAURUS	A	$7.00	
2150	4TXU787	2002	FORD	TAURUS	A	$7.00	
2151	1121678	2002	FORD	CROWN VIC B&W	A	$7.00	
2191	1140032	2003	FORD	CROWN VIC B&W	A	$7.00	
2192	1140031	2003	FORD	CROWN VIC B&W	A	$7.00	
2193	1140034	2003	FORD	CROWN VIC B&W	A	$7.00	

Page Total: 105.-

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ID#	License #	Year	Manufacturer	Model	Rate	Cost	Washed
2194	1140036	2003	FORD	CROWN VIC B&W	A	$7.00	
2195	1140035	2003	FORD	CROWN VIC B&W	A	$7.00	
2196	1140033	2003	FORD	CROWN VIC B&W	A	$7.00	
2197	1140042	2003	FORD	CROWN VIC B&W	A	$7.00	
2227	5ASZ067	2003	FORD	TAURUS	A	$7.00	
2228	5AVM121	2003	FORD	TAURUS	A	$7.00	
2260	5EZS994	2004	FORD	CROWN VICTORIA	A	$7.00	✓
2261	1188470	2004	FORD	CROWN VIC K-9	A	$7.00	
2262	1188468	2004	FORD	CROWN VIC K-9	A	$7.00	
2263	1188469	2004	FORD	CROWN VIC B&W	A	$7.00	✓
2264	1188474	2004	FORD	CROWN VIC B&W	A	$7.00	
2265	1168744	2004	FORD	RANGER	A	$7.00	✓
2274	1188979	2004	FORD	F350 SUPER DUTY	B	$8.00	
2275	1188978	2004	FORD	F350 SUPER DUTY	B	$8.00	
2276	1188940	2004	FORD	F350 SUPER DUTY	B	$8.00	
2287	5PHF737	2005	FORD	EXPLORER XLT	B	$8.00	
2301	5LSR686	2005	FORD	CROWN VICTORIA	A	$7.00	✓
2306	5MAC032	2006	FORD	TAURUS	A	$7.00	✓
2307	5LUB134	2006	FORD	TAURUS	A	$7.00	✓
2308	5MES176	2006	FORD	TAURUS	A	$7.00	
2309	5MGC021	2006	FORD	TAURUS	A	$7.00	✓
2311	1214467	2006	FORD	CROWN VIC B&W	A	$7.00	✓
2312	1214468	2006	FORD	CROWN VIC B&W	A	$7.00	
2313	1214469	2006	FORD	CROWN VIC B&W	A	$7.00	
2314	1214501	2006	FORD	CROWN VIC B&W	A	$7.00	✓
2315	1233007	2006	FORD	CROWN VIC B&W	A	$7.00	✓
2316	1233008	2006	FORD	CROWN VIC B&W	A	$7.00	✓
2317	1233009	2006	FORD	CROWN VIC B&W	A	$7.00	✓
2318	1233025	2006	FORD	CROWN VIC B&W	A	$7.00	✓

Page Total: 91.-

ID#	License #	Year	Manufacturer	Model	Rate	Cost	Washed
2319	1233026	2006	FORD	CROWN VIC B&W	A	$7.00	
2320	1233059	2006	FORD	CROWN VIC B&W	A	$7.00	✓
2321	1233060	2006	FORD	CROWN VIC B&W	A	$7.00	✓
2322	1233061	2006	FORD	CROWN VIC B&W	A	$7.00	
2368	6AOC417	2007	FORD	CROWN VICTORIA	A	$7.00	
2369	6CXE114	2008	FORD	ESCAPE HYBRID	A	$7.00	
2370	6AOF565	2007	CHEVROLET	IMPALA	A	$7.00	✓
2382	1253010	2007	FORD	CROWN VIC B&W	A	$7.00	✓
2383	1253011	2007	FORD	CROWN VIC B&W	A	$7.00	✓
2384	1253013	2007	FORD	CROWN VIC B&W	A	$7.00	
2385	1253012	2007	FORD	CROWN VIC B&W	A	$7.00	✓
2391	1274211	2007	TOYOTA	PRIUS	A	$7.00	
2392	1274212	2007	TOYOTA	PRIUS	A	$7.00	✓
2406	1218394	2009	FORD	ESCAPE HYBRID	A	$7.00	
2411		2009	FORD	ESCAPE HYBRID	A	$7.00	✓
2412		2009	FORD	ESCAPE HYBRID	A	$7.00	✓
2413		2009	FORD	ESCAPE HYBRID	A	$7.00	✓
2420	1305341	2008	FORD	CROWN VIC B&W	A	$7.00	✓
2421	1305340	2008	FORD	CROWN VIC B&W	A	$7.00	✓
2422	1305342	2008	FORD	CROWN VIC B&W	A	$7.00	✓
2423	1305344	2008	FORD	CROWN VIC B&W	A	$7.00	
2424	1305343	2008	FORD	CROWN VIC B&W	A	$7.00	✓
2425	1305428	2008	FORD	CROWN VIC B&W	A	$7.00	✓
2426	1305427	2008	FORD	CROWN VIC B&W	A	$7.00	
2427	1310050	2008	FORD	CROWN VIC B&W	A	$7.00	✓

Page Total: 112.—

City of Santa Barbara
City Yard
Car Wash Accounting Sheet

Date Washed: 4/1/09

ID#	License #	Year	Manufacturer	Model	Location	Rate	Cost	Washed
1593	274221	1989	GMC	3/4 TON SERVICE	WS	A	$7.00	
1616	279369	1989	FORD	L 8000	WS	A	$7.00	
1693	494229	1991	CHEVROLET	1 TON SERVICE	WS	A	$7.00	
1758	354680	1992	FORD	1 TON FLAT/DUMP	WS	A	$7.00	✓
1787	294609	1993	FORD	EXPLORER	WS	A	$7.00	
1797	439126	1993	GMC	C 3500	WS	A	$7.00	
1837	010124	1994	GMC	C 2500	WS	A	$7.00	
1838	010125	1994	GMC	C 2500	WS	A	$7.00	
1938	1018806	1998	FORD	F150	WS	A	$7.00	
1955	1004426	1999	FORD	F350 SUPER DUTY	WS	A	$7.00	✓
1965	1034750	1999	FORD	F250	WS	A	$7.00	
2003	1031225	1999	FORD	EXPLORER 4WD	WS	A	$7.00	✓
2004	037417	1996	CHEVROLET	BLAZER 2WD	WS	A	$7.00	✓
2010	1045443	2000	FORD	F250 SUPER DUTY	WS	A	$7.00	✓
2047	1106511	2000	CHEVROLET	C 2500 CNG	WS	A	$7.00	✓
2048	1106510	2000	CHEVROLET	C 2500 CNG	WS	A	$7.00	
2049	1106512	2000	CHEVROLET	C 2500 CNG	WS	A	$7.00	
2108	1118815	2002	FORD	EXPLORER	WS	A	$7.00	
2114	1112247	2001	FORD	F350 SUPER DUTY	WS	A	$7.00	

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ID#	License #	Year	Manufacturer	Model	Location	Rate	Cost	Washed
2115	1111644	2001	FORD	F350 4WD	WS	A	$7.00	✓
2159	1121664	2002	FORD	RANGER EXTRACAB	WS	A	$7.00	✓
2160	1121665	2002	FORD	RANGER EXTRACAB	WS	A	$7.00	✓
2167	1121679	2002	FORD	F250 SUPER DUTY	WS	A	$7.00	✓
2169	1121681	2002	FORD	F250 SUPER DUTY	WS	A	$7.00	
2170	1135038	2002	FORD	F250 SUPER DUTY	WS	A	$7.00	✓
2178	1140007	2002	FORD	F350 SUPER DUTY	WS	A	$7.00	
2179	1140008	2002	FORD	F350 SUPER DUTY	WS	A	$7.00	✓
2214	1173874	2003	DODGE	DAKOTA QUAD CAB	WS	A	$7.00	✓
2217	1173877	2003	FORD	RANGER EXTRACAB	WS	A	$7.00	✓
2218	1173878	2003	FORD	RANGER EXTRACAB	WS	A	$7.00	✓
2219	1173879	2003	FORD	RANGER EXTRACAB	WS	A	$7.00	✓
2220	1164207	2003	FORD	F150	WS	A	$7.00	✓
2221	1173880	2003	FORD	F150	WS	A	$7.00	✓
2222	1173881	2003	FORD	F150	WS	A	$7.00	
2223	1109638	2003	FORD	F150	WS	A	$7.00	
2235	1109636	2003	FORD	F250 SUPER DUTY	WS	A	$7.00	✓
2236	1176934	2003	FORD	F250 SUPER DUTY	WS	A	$7.00	✓
2238	1176936	2003	FORD	F350 SUPER DUTY	WS	A	$7.00	✓
2242	1176935	2003	FORD	F250 SUPER DUTY	WS	A	$7.00	✓
2284	1194604	2005	CHEVROLET	COLORADO	WS	A	$7.00	
2285	1213271	2006	FORD	ESCAPE HYBRID	WS	A	$7.00	✓

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ID#	License #	Year	Manufacturer	Model	Location	Rate	Cost	Washed
2289	1165910	2005	FORD	RANGER	WS	A	$7.00	
2298	1214550	2006	FORD	F350 4WD	WS	A	$7.00	✓
2310	1194824	2006	FORD	F250 SUPER DUTY	WS	A	$7.00	✓
2345	1215318	2006	FORD	F150 4WD	WS	A	$7.00	✓
2347	1241492	2007	FORD	F250 SUPER DUTY	WS	A	$7.00	✓
2353	1252679	2007	FORD	F350 SUPER DUTY	WS	A	$7.00	✓
2376	1271312	2008	FORD	F250 4WD	WS	A	$7.00	✓
2450	1310448	2008	FORD	F250 SUPER DUTY	WS	A	$7.00	✓
2457	1310427	2008	FORD	F350 4WD	WS	A	$7.00	✓
2458	1310196	2008	FORD	F350 SUPER DUTY	WS	A	$7.00	✓
1598	274228	1989	GMC	3/4 T FLAT/DUMP	PARKS	A	$7.00	
1682	093440	1991	CHEVROLET	1/2 TON PU	PARKS	A	$7.00	
1905	989869	1997	FORD	RANGER	PARKS	A	$7.00	
1908	989856	1997	FORD	F250 SUPER DUTY	PARKS	A	$7.00	
1936	1034761	1998	DODGE	RAM 1500	PARKS	A	$7.00	✓
1937	1034760	1998	DODGE	RAM 1500	PARKS	A	$7.00	
1943	1004423	1998	CHEVROLET	C 2500	PARKS	A	$7.00	✓
1946	1031218	1999	FORD	F250 SUPER DUTY	PARKS	A	$7.00	
1954	1034763	1999	FORD	F350 SUPER DUTY	PARKS	A	$7.00	✓
1992	1031220	1999	FORD	F150	PARKS	A	$7.00	✓
1993	1031221	1999	FORD	F150	PARKS	A	$7.00	✓
2013	1031215	1999	FORD	F250 SUPER DUTY	PARKS	A	$7.00	✓

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ID#	License #	Year	Manufacturer	Model	Location	Rate	Cost	Washed
2014		2000	FORD	F250 SUPER DUTY	PARKS	A	$7.00	✓
2015	1031214	1999	FORD	F250 SUPER DUTY	PARKS	A	$7.00	✓
2046	1076735	2001	DODGE	RAM 1500 4WD	PARKS	A	$7.00	
2111	1173683	2001	FORD	F250 SUPER DUTY	PARKS	A	$7.00	✓
2122	1111589	2002	FORD	EXPLORER 4WD	PARKS	A	$7.00	✓
2161	1121666	2002	FORD	RANGER EXTRACAB	PARKS	A	$7.00	✓
2162	1121670	2002	FORD	RANGER EXTRACAB	PARKS	A	$7.00	✓
2163	1121667	2002	FORD	RANGER EXTRACAB	PARKS	A	$7.00	✓
2164	1121674	2002	FORD	RANGER EXTRACAB	PARKS	A	$7.00	✓
2168	1121680	2002	FORD	F250 SUPER DUTY	PARKS	A	$7.00	✓
2234	1109637	2003	FORD	F250 SUPER DUTY	PARKS	A	$7.00	
2267	1168804	2004	FORD	RANGER EXTRACAB	PARKS	A	$7.00	✓
2268	1168805	2004	FORD	RANGER EXTRACAB	PARKS	A	$7.00	✓
2272	1168849	2004	FORD	F250 SUPER DUTY	PARKS	A	$7.00	✓
2290	1185909	2005	FORD	RANGER EXTRACAB	PARKS	A	$7.00	✓
2291	1194707	2005	FORD	RANGER EXTRACAB	PARKS	A	$7.00	✓
2296	1214511	2006	FORD	F250 4WD	PARKS	A	$7.00	✓
2297	1194662	2005	FORD	F250 SUPER DUTY	PARKS	A	$7.00	✓
2337	1202994	2006	HONDA	CIVIC HYBRID	PARKS	A	$7.00	✓
2338	1159852	2006	HONDA	CIVIC HYBRID	PARKS	A	$7.00	
2343	1241252	2007	FORD	RANGER EXTRACAB	PARKS	A	$7.00	✓
2349	1252557	2007	FORD	F250 4WD	PARKS	A	$7.00	✓

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ID#	License #	Year	Manufacturer	Model	Location	Rate	Cost	Washed
2375	1279288	2007	FORD	F150 4WD	PARKS	A	$7.00	✓
2376	1285659	2008	FORD	F250 SUPER DUTY	PARKS	A	$7.00	✓
2498		2009	FORD	F250 4WD	PARKS	A	$7.00	
0967	748480	1978	FORD	3/4 TON PU	MP	A	$7.00	✓
1648	274366	1990	DODGE	RAM 250	MP	A	$7.00	✓
1761	354709	1992	CHEVROLET	S10	MP	A	$7.00	
1829	351990	1994	FORD	1/2 TON PUX A/C	MP	A	$7.00	✓
1873	037418	1996	CHEVROLET	LUMINA	MP	A	$7.00	
1906	039883	1997	FORD	RANGER	MP	A	$7.00	✓
1907	989334	1997	FORD	RANGER	MP	A	$7.00	
1927	1001591	1998	FORD	RANGER	MP	A	$7.00	
1928	1001592	1998	FORD	RANGER	MP	A	$7.00	✓
1951	1004425	1998	FORD	EXPLORER XLT	MP	A	$7.00	
1991	1031208	1999	FORD	ESCORT	MP	A	$7.00	✓
1995	05L94	2000	GO-4	BT57	MP	A	$7.00	✓
1996	09L02	2000	GO-4	BT57	MP	A	$7.00	
1997	09L01	2000	GO-4	BT57	MP	A	$7.00	
1998	99K00	2000	GO-4	BT57	MP	A	$7.00	✓
1999	99K01	2000	GO-4	BT57	MP	A	$7.00	✓
2031	1066527	2000	CHEVROLET	LUMINA	MP	A	$7.00	✓
2032	1066531	2000	CHEVROLET	LUMINA	MP	A	$7.00	✓
2034	1066523	2000	CHEVROLET	LUMINA	MP	A	$7.00	

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ID#	License #	Year	Manufacturer	Model	Location	Rate	Cost	Washed
2037	1088530	2000	CHEVROLET	LUMINA	MP	A	$7.00	✓
2097	1088457	2001	FORD	TAURUS	MP	A	$7.00	
2118	1111598	2001	FORD	F450 SUPER DUTY	MP	A	$7.00	✓
2129	05L95	2001	GO-4	BT57	MP	A	$7.00	
2130	09L03	2001	GO-4	BT57	MP	A	$7.00	
2155	1110684	2002	DODGE	DAKOTA QUAD CAB	MP	A	$7.00	✓
2215	1173875	2003	FORD	RANGER	MP	A	$7.00	✓
2229	1168252	2003	GO-4	INTERCEPTOR II	MP	A	$7.00	✓
2230	1168251	2003	GO-4	INTERCEPTOR II	MP	A	$7.00	✓
2231	1168250	2003	GO-4	INTERCEPTOR II	MP	A	$7.00	
2273	1168939	2004	FORD	F250 SUPER DUTY	MP	A	$7.00	
2286	1190042	2008	FORD	ESCAPE	MP	A	$7.00	✓
2288	1165911	2005	FORD	RANGER	MP	A	$7.00	✓
2334	1202987	2006	HONDA	CIVIC HYBRID	MP	A	$7.00	✓
2341	1233128	2006	FORD	RANGER	MP	A	$7.00	✓
2393	1274209	2007	TOYOTA	PRIUS	MP	A	$7.00	✓
2394	1274210	2007	TOYOTA	PRIUS	MP	A	$7.00	✓
2410		2009	FORD	ESCAPE HYBRID	MP	A	$7.00	
2414	1218393	2009	FORD	ESCAPE HYBRID	MP	A	$7.00	✓
2440	1218383	2008	MILES	ZX40ST	MP	A	$7.00	✓
2441	1218369	2008	MILES	ZX40S	MP	A	$7.00	
2445	1305357	2008	FORD	RANGER	MP	A	$7.00	✓

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ID#	License #	Year	Manufacturer	Model	Location	Rate	Cost	Washed
2465	1306551	2008	GO-4	INTERCEPTOR III	MP	A	$7.00	✓
2466	1306552	2008	GO-4	INTERCEPTOR III	MP	A	$7.00	✓
2467	1306553	2008	GO-4	INTERCEPTOR III	MP	A	$7.00	
1670	288653	1991	CHEVROLET	CAVALIER	CD	A	$7.00	
1766	354692	1992	CHEVROLET	LUMINA	CD	A	$7.00	
1986	1031216	1999	FORD	TAURUS	CD	A	$7.00	✓
1987	1031207	1999	FORD	TAURUS	CD	A	$7.00	✓
1989	1031210	1999	FORD	TAURUS	CD	A	$7.00	✓
1990	1031206	1999	FORD	ESCORT	CD	A	$7.00	
2001	037438	1995	CHEVROLET	BLAZER 4WD	CD	A	$7.00	✓
2024	1031224	1999	FORD	RANGER EXTRACAB	CD	A	$7.00	✓
2025	1045446	1999	FORD	RANGER EXTRACAB	CD	A	$7.00	✓
2040	1066522	2000	CHEVROLET	LUMINA	CD	A	$7.00	
2041	1066524	2000	CHEVROLET	LUMINA	CD	A	$7.00	✓
2096	1088458	2001	FORD	TAURUS	CD	A	$7.00	✓
2101	1111648	2001	FORD	ESCORT	CD	A	$7.00	✓
2147	1121694	2002	TOYOTA	PRIUS	CD	A	$7.00	
2204	1109635	2003	HONDA	CIVIC HYBRID	CD	A	$7.00	
2206	1109634	2003	HONDA	CIVIC HYBRID	CD	A	$7.00	✓
2207	1109632	2003	HONDA	CIVIC HYBRID	CD	A	$7.00	
2209		2003	HONDA	CIVIC HYBRID	CD	A	$7.00	
2251	1185932	2004	HONDA	CIVIC HYBRID	CD	A	$7.00	✓

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ID#	License #	Year	Manufacturer	Model	Location	Rate	Cost	Washed
2252	1188473	2004	HONDA	CIVIC HYBRID	CD	A	$7.00	✓
2253	1188472	2004	HONDA	CIVIC HYBRID	CD	A	$7.00	✓
2282	1187115	2005	HONDA	CIVIC HYBRID	CD	A	$7.00	
2292	1185913	2005	FORD	RANGER EXTRACAB	CD	A	$7.00	✓
2333	1202986	2006	HONDA	CIVIC HYBRID	CD	A	$7.00	✓
2342	1233208	2006	FORD	RANGER EXTRACAB	CD	A	$7.00	✓
1446	487325	1966	CHEVROLET	1 TON FLATBED	BM	A	$7.00	✓
1626	113760	1990	CHEVROLET	1/2 TON PU A/C	BM	A	$7.00	
1665	288666	1991	CHEVROLET	C10	BM	A	$7.00	✓
1711	354665	1991	CHEVROLET	S10	BM	A	$7.00	
1756	354708	1992	FORD	3/4 TON SERVICE	BM	A	$7.00	
1832	001368	1994	FORD	TAURUS	BM	A	$7.00	
1833	010127	1994	FORD	TAURUS	BM	A	$7.00	✓
1834	010128	1994	FORD	TAURUS	BM	A	$7.00	
1839	010123	1994	GMC	C 2500	BM	A	$7.00	✓
2051	1083812	2000	CHEVROLET	C 2500 CNG	BM	A	$7.00	✓
2052	1085100	2000	CHEVROLET	C 2500 CNG	BM	A	$7.00	✓
2105	1121692	2001	FORD	RANGER EXTRACAB	BM	A	$7.00	✓
2110	1111645	2001	FORD	F250 SUPER DUTY	BM	A	$7.00	✓
2175		2002	FORD	F350 SUPER DUTY	BM	A	$7.00	✓
2212	1173872	2003	CHEVROLET	ASTRO CARGO VAN	BM	A	$7.00	
2271	1186881	2004	FORD	F250 SUPER DUTY	BM	A	$7.00	✓

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ID#	License #	Year	Manufacturer	Model	Location	Rate	Cost	Washed
2295	1194718	2005	FORD	F250 SUPER DUTY	BM	A	$7.00	✓
2298	1214466	2006	FORD	F350 SUPER DUTY	BM	A	$7.00	✓
2350	1241498	2007	FORD	F250 SUPER DUTY	BM	A	$7.00	✓
2351	1241497	2007	FORD	F250 SUPER DUTY	BM	A	$7.00	✓
2380	1218264	2007	GMC	CANYON	BM	A	$7.00	✓
2386	1275613	2007	HONDA	CIVIC HYBRID	BM	A	$7.00	
2418	1302925	2007	HONDA	CIVIC HYBRID	BM	A	$7.00	✓
2447	1305539	2008	FORD	F150	BM	A	$7.00	✓
2451	1310447	2008	FORD	F250 SUPER DUTY	BM	A	$7.00	✓
1821	E001499	1994	CHEVROLET	G 30 CARGO	WS	B	$8.00	
2176	1140005	2002	FORD	F350 SUPER DUTY	WS	B	$8.00	
2436		2008	DODGE	SPRINTER	WS	B	$8.00	
2438	1242218	2008	CHEVROLET	G2500 CARGO VAN	WS	B	$8.00	
2174	1121671	2002	FORD	F350 SUPER DUTY	PARKS	B	$8.00	
1994	1031226	1999	CHEVROLET	ASTRO VAN	MP	B	$8.00	
2156	1135035	2002	FORD	EXPLORER	MP	B	$8.00	✓
1919	989962	1997	GMC	SAVANA 3500	CD	B	$8.00	✓
1639	274386	1990	CHEVROLET	ASTRO VAN 4WD	BM	B	$8.00	
1729	288679	1991	CHEVROLET	ASTRO VAN	BM	B	$8.00	✓
1790	294611	1993	CHEVROLET	ASTRO VAN 4WD	BM	B	$8.00	
1920	989961	1997	GMC	SAVANA 3500	BM	B	$8.00	
1921	989960	1997	GMC	SAVANA 3500	BM	B	$8.00	

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ID#	License #	Year	Manufacturer	Model	Location	Rate	Cost	Washed
1922	989959	1997	GMC	SAVANA 3500	BM	B	$8.00	
1923	989958	1997	GMC	SAVANA 3500	BM	B	$8.00	
1924	989963	1997	GMC	SAVANA 3500	BM	B	$8.00	
1931	1135033	1999	CHEVROLET	ASTRO CARGO VAN	BM	B	$8.00	✓
2061	1076738	2000	CHEVROLET	ASTRO VAN	BM	B	$8.00	✓
2121	1112245	2001	FORD	E350	BM	B	$8.00	✓
2153	1121663	2002	CHEVROLET	ASTRO VAN	BM	B	$8.00	
2210	1173870	2003	CHEVROLET	ASTRO CARGO VAN	BM	B	$8.00	✓
2211	1173871	2003	CHEVROLET	ASTRO CARGO VAN	BM	B	$8.00	✓
2294	1189037	2005	GMC	SAFARI CARGO	BM	B	$8.00	✓
2434	1306210	2008	FORD	E150	BM	B	$8.00	✓
2470	1292189	2008	FORD	E350	BM	B	$8.00	✓
2471	1292188	2008	FORD	E350	BM	B	$8.00	✓
2472	1305326	2008	FORD	E350	BM	B	$8.00	✓
2473	1305329	2008	FORD	E350	BM	B	$8.00	✓
2474	1305330	2008	FORD	E350	BM	B	$8.00	
2477	1245923	2009	FORD	E150	BM	B	$8.00	✓
1191	776790	1983	INTERNATIONAL	2 1/2 TON SERV.	WS	C	$9.00	✓
1612	E274327	1989	FORD	2 1/2 T WATER	WS	C	$9.00	✓
1613	274328	1990	INTERNATIONAL	1 1/2 TON DUMP	WS	C	$9.00	✓
1619	274399	1990	INTERNATIONAL	1 1/2 FLAT/DUMP	WS	C	$9.00	✓
1651	354668	1990	MITSUBISHI FUS	1 TON STRIPER	WS	C	$9.00	

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ID#	License #	Year	Manufacturer	Model	Location	Rate	Cost	Washed
1690	494226	1991	CHEVROLET	1 TON FLAT/LIFT	WS	C	$9.00	
1744	093439	1991	GMC	2 1/2 T RODDER	WS	C	$9.00	
1778	354710	1992	GMC	2 1/2 TON CRANE	WS	C	$9.00	✓
1798	370188	1993	GMC	TOP KICK	WS	C	$9.00	✓
1799	297512	1993	GMC	TOP KICK	WS	C	$9.00	
1819	005641	1994	GMC	TOP KICK	WS	C	$9.00	✓
1820	005629	1994	GMC	TOP KICK	WS	C	$9.00	
1858	010458	1995	INTERNATIONAL	4700	WS	C	$9.00	✓
1859	1218388	1996	INTERNATIONAL	4700	WS	C	$9.00	✓
1879	1001403	1998	GMC	C 6500	WS	C	$9.00	✓
1926	1001586	1998	GMC	3500 HD	WS	C	$9.00	✓
1959	1218385	1999	FORD	F450 SUPER DUTY	WS	C	$9.00	
2016	1045445	1999	FORD	F350 SUPER DUTY	WS	C	$9.00	
2020	1043204	1999	GMC	C 6500	WS	C	$9.00	
2113	1111526	2001	FORD	F350 SUPER DUTY	WS	C	$9.00	✓
2116	1112248	2001	FORD	F350 SUPER DUTY	WS	C	$9.00	✓
2135	1111597	2001	FORD	F550 SUPER DUTY	WS	C	$9.00	✓
2136	1111596	2001	FORD	F650	WS	C	$9.00	✓
2137	1111595	2001	FORD	F650	WS	C	$9.00	✓
2138	1221919	2001	FORD	F750	WS	C	$9.00	✓
2139	1185933	2001	FORD	F750	WS	C	$9.00	✓
2241	1176933	2003	FORD	F650 SUPER DUTY	WS	C	$9.00	✓

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ID#	License #	Year	Manufacturer	Model	Location	Rate	Cost	Washed
2302		2006	FORD	F550 SUPER DUTY	WS	C	$9.00	✓
2354		2006	FORD	F550 SUPER DUTY	WS	C	$9.00	✓
2365		2007	GMC	1 1/2 TON	WS	C	$9.00	✓
2456	1310281	2008	FORD	F350 SUPER DUTY	WS	C	$9.00	✓
2460		2008	FORD	F750	WS	C	$9.00	
2461		2008	FORD	F750	WS	C	$9.00	✓
1556	096638	1989	INTERNATIONAL	2 1/2 T TANKER	PARKS	C	$9.00	
1635	274398	1990	CHEVROLET	1 TON DUMP	PARKS	C	$9.00	
1816	005630	1994	GMC	TOP KICK	PARKS	C	$9.00	✓
1962	1001594	1998	GMC	C 7500	PARKS	C	$9.00	✓
2019	1076742	2000	GMC	TOP KICK	PARKS	C	$9.00	✓
2134	1111594	2001	FORD	F550 SUPER DUTY	PARKS	C	$9.00	✓
2140	1108485	2001	FORD	F750	PARKS	C	$9.00	✓
2164	1140037	2002	INTERNATIONAL	4700	PARKS	C	$9.00	✓
2277	1190135	2004	FREIGHTLINER	M2	PARKS	C	$9.00	✓
2379	1285120	2007	FORD	F550 SUPER DUTY	PARKS	C	$9.00	✓
2463	1218381	2008	FORD	F750	PARKS	C	$9.00	✓
1617	114198	1990	INTERNATIONAL	1 1/2 T AERIAL	BM	C	$9.00	✓
1823	005664	1994	CHEVROLET	C 3500HD	BM	C	$9.00	✓
1824	005640	1994	AUTOCAR	10 YARD DUMP	WS	D	$15.00	✓
1953	1022695	1999	PETERBILT	379	WS	D	$15.00	✓
2131	1069576	2001	THOMAS	BOOKMOBILE	MP	E	$30.00	✓

Page Total: 204.—

ID#	License #	Year	Manufacturer	Model	Location	Rate	Cost	Washed
2132	1140001	2002	THOMAS	MVP-RE HD	BM	E	530.00	✓
1994							7.00	✓
1884							7.00	✓
2408							7.00	✓
1941	fire						7.00	✓
1801							7.00	✓
2035							7.00	✓
1242218							8.00	✓

Page Total: 80.—

REPORT: CLMFAX
PAGE: 1

CITY OF SANTA BARBARA

RUN DATE: 03/09/2009
TIME: 13:45

LOCATION NUMBER 452 MOTOR POOL

CLAIM NUMBER 106257

RETURN TO: FINANCE DEPT - ACCOUNTING DIVISION, PO BOX 1990, S.B., CA 93102

CLAIM TYPE	PROGRAM	PO NO.	CLOS	TOTAL AMOUNT
PURCH ORD	PW-ICS MOTOR POOL	379861		568.00

VENDOR NO.	VENDOR NAME AND ADDRESS	NEW?
011526	ZIPP INC.	
REMIT CODE	DBA PRESTIGE HAND CAR WASH & DETAIL	
	524 N MILPAS	
	SANTA BARBARA CA 93103	

CONTACT: CRISTINA X5402 | ENTRY DATE: 03/09/2009 | INITIALS: CS
RETURN TO DEPARTMENT:

PO TOTAL	PAID TO DATE	UNPROCESSED CLAIMS	NEW BALANCE	NEW % REMAINING
8,500.00	5,855.50	568.00	2,076.50	24.43

CLAIM DESCRIPTION

CAR/VEHICLE WASH/CLEANING SERVIC

LN#	INVOICE #	INV DATE	G/L NUMBER	AMOUNT
1	184	02/06/2009	511-4521-52440-000000-000-000	568.00

FIRST APPROVAL: _____ | SECOND APPROVAL: _____

NOTICE

SECTION 72 OF THE PENAL CODE PROVIDES: "EVERY PERSON WHO, WITH INTENT TO DEFRAUD, PRESENTS FOR PAYMENT TO ANY STATE BOARD OR OFFICER, OR TO ANY COUNTY, CITY, DISTRICT, WARD OR VILLAGE BOARD OR OFFICER, AUTHORIZED TO ALLOW OR PAY THE SAME IF GENUINE, ANY FALSE OR FRAUDULENT CLAIM, BILL, ACCOUNT, VOUCHER, OR WRITING, IS GUILTY OF A FELONY."

FINANCE DIRECTOR APPROVAL DATE

CITY ADMINISTRATOR APPROVAL DATE

THE UNDERSIGNED, UNDER PENALTY OF PERJURY, STATES THAT THIS CLAIM AND THE ITEMS THEREIN SET OUT ARE TRUE AND CORRECT, THAT NO PART THEREOF HAS HERETOFORE BEEN PAID, AND THAT THE AMOUNT THEREIN IS JUSTLY DUE CLAIMANT.

SIGNED 3/10/09 DATE

FILE

ENTERED 2/19/09

Prestige Hand Carwash

524 North Milpas Street
Santa Barbara, CA 93103
805-966-5885

Invoice

Date	Invoice #
2/6/2009	184

Bill To
S.B. City P. O. Box1990 Santa Barbara, Ca 93102-1990

P.O. No.	Terms	Project

Quantity	Description	Rate	Amount
71	carwashes see attached	8.00	568.00

FILE

Total	$568.00

City of Santa Barbara

Car Wash Accounting Sheet

JANUARY 2009

Vendor Information

DATE	VEHICLE INFO Lic. No.	VEHICLE INFO City #	DEPARTMENT Name	DEPARTMENT No.	DRIVER NAME (PRINT)	DRIVER NAME Signature	SERVICE Total
1/3/09	1076736	2054	W.F. Maint	8151	J. Brandon		$ 8.00
1/3/09	5PHF737	2287	P.D.	2287	C. Sanelles		$ 8.00
1/4/09	1076740	2053	W.F.	8151	J Brandon		$ 8.00
1/4/09	1233028	2319	SBPD	8825	J. Thompson		$ 8.00
1/4/09	1305340	2421	SBPD	3599	Van Eyck		$ 8.00
1/4/09	1253010	2382	SBPD	3596	R. Ahrens		$ 8.00
1/5/08	1088391	2254	WFHarbor	3479	Marylou		$ 8.00
1-5-08	1274210	2394	MP	2394	S Marquez		$ 8.00
1-5-08	1274209	2393	MP	2393	S Marquez		$ 8.00
1/6/08	6CKE114	2369	SBPD	4690	D. Tagles		$ 8.00
01/07/09	1253012	2355	SBPD	0334	D.	D. Anduri	$ 8.00
1/7/09	1214469	2313	SBPD	8825		J. Thompson	$ 8.00
1/8/09	1066530	2031	PW	4311	Ron Chandler	Ron Chandler	$ 8.00
1/8/09	1109635	2204	CD	2611	Janell Carr	Janell Carr	$ 8.00
1/8/09	1031210	1989	CDD	1982	D McMillion		$ 8.00
1/8/09	1215390	2374	FIRE	3112	Y Mcglinchy	Y McGlinchy	$ 8.00
1/9/09	1168940	2276	SBPDAC	2420		J. Deming	$ 8.00
1/9/09	1080992	2084	SBPDAC	3461			$ 8.00
1/9/09	1202978	2336	LIBRARY	3321	Juliana Cox		$ 8.00
1/9/09	1296036	2387	SBAP	1831	L. Griffin		$ 8.—

Use the bottom portion to total like cost and/or as a method to cross-check totals $160 ✓

Totals by Type of Wash	Car @ $____	Car $ Total	Van @ $____	Van $ Total	____ @ $____	____ $ Total	____ @ $____	____ $ Total	Page Total	Monthly Total
# Wash's X $ = Total										

City of Santa Barbara

Car Wash Accounting Sheet

January

Vendor Information

DATE	VEHICLE INFO Lic. No.	VEHICLE INFO City #	DEPARTMENT Name	DEPARTMENT No.	DRIVER NAME (PRINT)	DRIVER NAME Signature	SERVICE Total
1/11/09	1676740	2053	W.F.	8151	J Brandon		$ 8.00
1/11/09.	1305344.	2423.	Police.	1275	BURLEIGH.		$ 8.00
1/11/09	1305341	2420	SBPD	3599	VAN EYCK		$ 8.00
01/11/09	1214501	2314	SBPD	8805	J. THOMPSON		$ 8.00
1-12-09	1088391	2254	WF Harbor	7479	Marylou S.		$ 8.00
1-12-09	1302924	2419	G. COVE HARBOR	5675		G. COVE	$ 8.00
1-12-09	1253013	2784	SBPD	3599		T VAN EYCK	$ 8.00
18387 1-12-09	—	2081	SBFD	3832	C. Eckenrode		$ 8.00
1-12-9	4TXU787	2150	SBPD	3441	F. MANWIX		$ 8.00
01-13-09	1253012	2355	SBPD	0334	D. ANDUR		$ 8.00
1-13-09	1305540	2437	SBPL	5612	A. CHEVREFILS		$ 8.00
1-13-09	1274210	2394	MP	2394	S MARQUEZ		$ 8.00
066527 1-13-09	1266527	2031	MP	2031	S MARQUEZ		$ 8.00
E2S594 01/13/09	5EZS996	2260	SBPD	9420	J. WILLIAMS		$ 8.00
1-14-09	036355	2884	MP	1884	S MARQUEZ		$ 8.00
1-14-09	New Car	2209	Com Dev	2611	J Cam		$ 8.00
1-17-09	1296036	2387	SBHP	1831	J. Griffin		$ 8.00
1/18/09	1076736	2054	W.F.	8151	J Brandon		$ 8.00
1/18/09	1305428	2425	SBPD	3599	T VAN EYCK		$ 8.00
1/18/09	1305427	4208	SBPD	3441	B. SAWICKI		$ 8.00

Use the bottom portion to total like cost and/or as a method to cross-check totals $164

Totals by Type of Wash	Car @ $____	Car $ Total	Van @ $____	Van $ Total	____ @ $____	____ $ Total	____ @ $____	____ $ Total	Page Total	Monthly Total
# Wash's X $ = Total										

City of Santa Barbara

Car Wash Accounting Sheet

January 09

Vendor Information

DATE	VEHICLE INFO Lic. No.	VEHICLE INFO City #	DEPARTMENT Name	DEPARTMENT No.	DRIVER NAME (PRINT)	DRIVER NAME Signature	SERVICE Total
1/19	5PHF737	2287	C. Sanchez	2287	Cam Sanchez		$ 8.00
1/19	1253011	2383	TUAN EYCK	3599	TUAN EYCK		$ 8.00
01/20/09	1253012	2385	SBPD	0334	D. ANDUM		$ 8.00
01/20/09	1214501	2314	SBPD	8005	J. THOMPSON		$ 8.00
1/20/09	1168979	2271	SBPD AC	2052	A. NUNEZ		$ 8.00
1-20-09	1274009	2393	MP	2393	S MARQUEZ		$ 8.00
1-20-09	1066531	2032	MP	2032	S MARQUEZ		$ 8.00
1/21/09	new car	4521	MP	2428	W. LOSITZKE		$ 8.00
1/21/09	1253013	2384	SBPD	3599	TUAN EYCK		$ 8.00
1-21-09	1210687	4111	MP	2157	S MARQUEZ		$ 8.00
1/26/09	1076736	2054	WF	8151	J Brandon		$ 8.00
1/25/09	5PHF737	2287	PD	2287	C. Sanchez		$ 8.00
1/26/09	1253013	2384	SBPD	3599	TUAN EYCK		$ 8.00
1-26-09	1253011	2383	SBPD	3596	B. AHRENS		$ 8.00
01-26-09	1214501	2314	SBPD	8005	J. THOMPSON		$ 8.00
1-26-09	1088391	2254	WEHanson	2479	Manghon	SAMARIA, Manager	$ 8.00
1-26-09	1185932	2251	C HARRISON	2251	CURTIS HARRISON		$ 8.00
1-26-09	354685	1753	MP	1753	S MARQUEZ		$ 8.00
01-27-09	1214468	2312 ~~2315~~ 2312	SBPD	0334	D. ANDUM		$ 8.00
1-27-09	1305344	2423	SBPD	3599	TUAN EYCK		$ 8.00

Use the bottom portion to total like cost and/or as a method to cross-check totals $1604

Totals by Type of Wash	Car @ $____	Car $ Total	Van @ $____	Van $ Total	____ @ $____	____ $ Total	____ @ $____	____ $ Total	Page Total	Monthly Total
# Wash's X $ = Total										

City of Santa Barbara

Car Wash Accounting Sheet

January

Vendor Information

DATE	VEHICLE INFO Lic. No.	VEHICLE INFO City #	DEPARTMENT Name	DEPARTMENT No.	DRIVER NAME (PRINT)	DRIVER NAME Signature	SERVICE Total
1-27	1305340	2421	[illegible]	3596	B. Ahrens	[illegible]	$ 8.00
1/27	1233059	2320	SBPD	3425	Rivas	[illegible]	$ 8.00
1/27	99656	57' Chevy	SBPD	3843	Gutierrez	[illegible]	$ 8.00
1/27	1168940	2276	SBPD AC	2420	J Denby	[illegible]	$ 8.00
1/27	1066531	2032	MP	2032	S Marquez	[illegible]	$ 8.00
1/27	5225994	2260	SBPD	2260	[illegible]	[illegible]	$ 8.00
1/27	1088392	2255	Enviro Ser.	5631	Lisa Merrill	[illegible]	$ 8.00
1/28	1296036	6080 2455	SBHP	8152	Camera Sales	[illegible]	$ 8.00
* 1034750 1/30	1110683	1965	Waterfront	1965	Bridgette Albert	[illegible]	$ 8.00
1/31	1076736	2054	WF	8151	J Brandon	[illegible]	$ 8.00
1/31	1034756	1967	SBHP	1831	J. Griffin	[illegible]	$ 8.00
							$.
							$.
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							$.
							$.
							$.
							$.

11

$568.00

Use the bottom portion to total like cost and/or as a method to cross-check totals $88.

Totals by Type of Wash	Car @ $____ $ Total	Van @ $____ $ Total	____ @ $____ $ Total	____ @ $____ $ Total	Page Total	Monthly Total
# Wash's X $ = Total						

REPORT: CLMFAX
PAGE: 1

CITY OF SANTA BARBARA

RUN DATE: 04/10/2009
TIME: 15:14

LOCATION NUMBER 452 MOTOR POOL

CLAIM NUMBER 108681

RETURN TO: FINANCE DEPT - ACCOUNTING DIVISION, PO BOX 1990, S.B., CA 93102

CLAIM TYPE	PROGRAM	PO NO.	CLOS	TOTAL AMOUNT
PURCH ORD	PW-ICS MOTOR POOL	379861		272.00

VENDOR NO.	VENDOR NAME AND ADDRESS	NEW?
011526	ZIPP INC.	
REMIT CODE	DBA PRESTIGE HAND CAR WASH & DETAIL	
	524 N MILPAS	
	SANTA BARBARA CA 93103	

FILE

CONTACT: CRISTINA X5402
RETURN TO DEPARTMENT:

ENTRY DATE: 04/10/2009

INITIALS: CS

PO TOTAL	PAID TO DATE	UNPROCESSED CLAIMS	NEW BALANCE	NEW % REMAINING
8,500.00	6,423.50	272.00	1,804.50	21.23

CLAIM DESCRIPTION

CAR/VEHICLE WASH/CLEANING SERVIC

LN#	INVOICE #	INV DATE	G/L NUMBER	AMOUNT
1	212	03/04/2009	513-4521-52440-000000-000-000	272.00

FIRST APPROVAL: _____

SECOND APPROVAL: _____

NOTICE

SECTION 72 OF THE PENAL CODE PROVIDES: "EVERY PERSON WHO, WITH INTENT TO DEFRAUD, PRESENTS FOR PAYMENT TO ANY STATE BOARD OR OFFICER, OR TO ANY COUNTY, CITY, DISTRICT, WARD OR VILLAGE BOARD OR OFFICER, AUTHORIZED TO ALLOW OR PAY THE SAME IF GENUINE, ANY FALSE OR FRAUDULENT CLAIM, BILL, ACCOUNT, VOUCHER, OR WRITING, IS GUILTY OF A FELONY."

FINANCE DIRECTOR APPROVAL DATE

CITY ADMINISTRATOR APPROVAL DATE

THE UNDERSIGNED, UNDER PENALTY OF PERJURY, STATES THAT THIS CLAIM AND THE ITEMS THEREIN SET OUT ARE TRUE AND CORRECT, THAT NO PART THEREOF HAS HERETOFORE BEEN PAID, AND THAT THE AMOUNT THEREIN IS JUSTLY DUE CLAIMANT.

SIGNED 4/13/09 DATE

ENTERED

Prestige Hand Carwash

524 North Milpas Street
Santa Barbara, CA 93103
805-966-5885

Invoice

Date	Invoice #
3/4/2009	212

Bill To
S.B. City P. O. Box1990 Santa Barbara, Ca 93102-1990

P.O. No.	Terms	Project

Quantity	Description	Rate	Amount
34	carwashes see attached	8.00	272.00
		Total	$272.00

City of Santa Barbara
Car Wash Accounting Sheet

February

Vendor Information

DATE	VEHICLE INFO Lic. No.	VEHICLE INFO City #	DEPARTMENT Name	DEPARTMENT No.	DRIVER NAME (PRINT)	DRIVER NAME Signature	SERVICE Total
2/1/09	1076746	2053	WF	8151	J Brandon		$ 8.00
2/2/09	1088391	2254	WFH Arbor	7479	M. Sandoval		$ 8.00
2/2/09	1168978	3461	SBPD	6243	M. MENDOZA		$ 8.—
2/2/09	1161503	2208	LIBRARY	3321	JULIA COX		$ 8.—
2-4-09	1066527	2031	MP	2031	SMARQUEL		$ 8.00
2/8/09	1076736	2054	WF	8151	J Brandon		$ 8.00
2/10/09	#16 1305428		SBPD	4869	T. Johnson		$ 8.—
2-10-09	#1305343		SBPD	3596	B. AHRENS		$ 8.—
2-10-09	4EIK077	1933	SBPD	1933	A. RADUTZKO		$ 8.—
2/10/09	1168940	2276	SBPDAC	2420	J Deming		$ 8.00
2-11-09	12530 13		SBPD	3596	B. AHRENS		$ 8.00
02-11-09	1214466	2312	SBPD	0334	D. ANDURN		$ 8.
2-11-09	1310050	—	SBPD	4869	T. Johnson		$ 8.00
2/14/09	1076736	2054	W.F.	8151	J. Brandon		$ 8.00
2/18/09	1296036	—	SBHP		J. Camera Sodu		$ 8.00
2-18	1187115	2282	BW	3832	C. Lakenvers		$ 8.00
2/19	B02924		SBHP		J Camera		$ 8.00
2-19	new	2414	MP	2414	SMARQUEE		$ 8.00
2/20	1253011	3442	SBPD	7733	RIVAS		$ 8.00
2/20	1080862	2095	SBPD	2810	ELLA		$ 8.00

Use the bottom portion to total like cost and/or as a method to cross-check totals $160.—

Totals by Type of Wash	Car @ $____	Car $ Total	Van @ $____	Van $ Total	____ @ $____	____ $ Total	____ @ $____	____ $ Total	Page Total	Monthly Total
# Wash's X $ = Total										

City of Santa Barbara

Car Wash Accounting Sheet

February

Vendor Information

DATE	VEHICLE INFO Lic. No.	VEHICLE INFO City #	DEPARTMENT Name	DEPARTMENT No.	DRIVER NAME (PRINT)	DRIVER NAME Signature	SERVICE Total
2/21	1076740	2053	W.F.	8151	J Brandon		$ 8.00
2/21	1034752	1967	SBHP	1831	J. Griffin		$ 8.—
2/24	1305341	2420	SBPD	3843	A. GUTIERREZ		$ 8.00
2-24	New	2404	MP	2406	S MARQUEZ		$ 8.00
2-24	1031208	1991	Ron C	4311	Ron Chandler		$ 8.00
2/24	1168940	2276	SBPD A-C	2420	J Demory		$ 6.—
2/24	1305428	16	SBPD	16	T-JOHNSON		$ 8.—
2/24	123326	8	SBPD	8	R CASTRO		$ 8.00
2/24	1305340	2421	SBPD	23	B. AHRENS		$ 8.00
2/25	1034756	2500	SBHP	2500	J. Camera Soda		$ 8.00
2/25		2460	SBPD	9480	J. WILLIAMS		$ 8.—
2/26	1066530	2303	PWT	4311	K. YOUNG		$ 8.00
2-27	1274210	2394	MP	2394	S. MARQUEZ		$ 8.00
2/28/09	1076736	2054	WF	8151	J Brandon		$ 8.00
							$.
							$.
							$.
							$.
							$.
							$.

Use the bottom portion to total like cost and/or as a method to cross-check totals $.

Totals by Type of Wash	Car @ $____	Car $ Total	Van @ $____	Van $ Total	____ @ $____	____ $ Total	____ @ $____	____ $ Total	Page Total	Monthly Total
# Wash's X $ = Total										

Statement

Prestige Hand Carwash
524 North Milpas Street
Santa Barbara, CA 93103
805-966-5885

Date
3/4/2009

To:
S.B. City P. O. Box1990 Santa Barbara, Ca 93102-1990

Amount Due	Amount Enc.
$840.00	

Date	Transaction	Amount	Balance
01/31/2009	Balance forward		0.00
02/06/2009	INV #184. Due 02/06/2009.	568.00	568.00
03/04/2009	INV #212. Due 03/04/2009.	272.00	840.00

CURRENT	1-30 DAYS PAST DUE	31-60 DAYS PAST DUE	61-90 DAYS PAST DUE	OVER 90 DAYS PAST DUE	Amount Due
272.00	568.00	0.00	0.00	0.00	$840.00

REPORT: CLMFAX
PAGE: 1

CITY OF SANTA BARBARA

RUN DATE: 04/23/2009
TIME: 09:43

LOCATION NUMBER 452 MOTOR POOL

CLAIM NUMBER 109492

RETURN TO: FINANCE DEPT - ACCOUNTING DIVISION, PO BOX 1990, S.B., CA 93102

CLAIM TYPE	PROGRAM	PO NO.	CLOS	TOTAL AMOUNT
PURCH ORD	PW-ICS MOTOR POOL	379861		372.95

VENDOR NO.	VENDOR NAME AND ADDRESS	NEW?
011526	ZIPP INC.	
REMIT CODE	DBA PRESTIGE HAND CAR WASH & DETAIL	
	524 N MILPAS	
	SANTA BARBARA CA 93103	

COPY

CONTACT: CRISTINA X5402	ENTRY DATE: 04/23/2009	INITIALS: CS
RETURN TO DEPARTMENT:		

PO TOTAL	PAID TO DATE	UNPROCESSED CLAIMS	NEW BALANCE	NEW % REMAINING
8,500.00	6,695.50	372.95	1,431.55	16.84

CLAIM DESCRIPTION

CAR/VEHICLE WASH/CLEANING SERVIC

LN#	INVOICE #	INV DATE	G/L NUMBER	AMOUNT
1	224	04/03/2009	513-4521-52440-000000-000-000	372.95
2			513-4521-52440-000000-000-000	

FIRST APPROVAL: _____

SECOND APPROVAL: _____

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FINANCE DIRECTOR APPROVAL DATE

CITY ADMINISTRATOR APPROVAL DATE

THE UNDERSIGNED, UNDER PENALTY OF PERJURY, STATES THAT THIS CLAIM AND THE ITEMS THEREIN SET OUT ARE TRUE AND CORRECT, THAT NO PART THEREOF HAS HERETOFORE BEEN PAID, AND THAT THE AMOUNT THEREIN IS JUSTLY DUE CLAIMANT.

SIGNED 4/24/09 DATE

ENTERED

Statement

Prestige Hand Carwash
524 North Milpas Street
Santa Barbara, CA 93103
805-966-5885

Date
4/3/2009

To:
S.B. City P. O. Box1990 Santa Barbara, Ca 93102-1990

Amount Due	Amount Enc.
$644.95	

Date	Transaction	Amount	Balance
03/03/2009	Balance forward		568.00
03/04/2009	INV #212. Due 03/04/2009.	272.00	840.00
03/14/2009	PMT	-568.00	272.00
04/03/2009	INV #224. Due 04/03/2009.	372.95	644.95

RECEIVED APR 0 8 2009

CURRENT	1-30 DAYS PAST DUE	31-60 DAYS PAST DUE	61-90 DAYS PAST DUE	OVER 90 DAYS PAST DUE	Amount Due
372.95	272.00	0.00	0.00	0.00	$644.95

Prestige Hand Carwash

524 North Milpas Street
Santa Barbara, CA 93103
805-966-5885

Invoice

Date	Invoice #
4/3/2009	224

Bill To
S.B. City P. O. Box1990 Santa Barbara, Ca 93102-1990

P.O. No.	Terms	Project

Quantity	Description	Rate	Amount
	carwashes see attached	372.95	372.95
		Total	$372.95

City of Santa Barbara

Car Wash Accounting Sheet

March 2009

Vendor Information

DATE	VEHICLE INFO Lic. No.	VEHICLE INFO City #	DEPARTMENT Name	DEPARTMENT No.	DRIVER NAME (PRINT)	DRIVER NAME Signature	SERVICE Total
3/1/09	1076740	2008	WF	8151	J Brandon		$ 8.00
3/6/09	5AHF737	2287	PD	2287	C. Sanchez		$ 7.95
3/8/09	1076736	2054	WF	8151	J Brandon		$ 8.00
3/8/09	1076740	2053	WF	8151	J Brandon		$ 8.00
3/08/09	1031211	2011	WF	8151	G. ACUÑA		$ 8.00
3-9-09	1088391	2254	WFH Admin	7475	MARTIN		$ 8.00
3-09-09	1274209	2393	MP	2393	SMARQUEZ		$ 8.00
3/9/09	5MES175	2308	PD	3442	RIVAS		$ 8.00
3.9.09	1305344	2421	PD	2421	AHRENS		$ 8.00
3-9-09	1066529	2031	MP	2031	SMARQUEZ		$ 8.00
3/10/09	1168978	3461	PD	6243	M. MENDOZA		$ 8.00
3/10/09	1135035	1374	PW	1371	G Gonzalez		$ 8.00
3/10/09	1253010		T. Johnson	4969	T. Johnson		$ 8.00
3-11-09	1218389	2483	MP	2483	SMARQUEZ		$ 8.00
3/12/09	1168940	2276	SBPDAC	2420	J Deming		$ 8.00
3/13/09	1110683	2166	WF PK	1966	B. BRANDENBURG		$ 8.00
3-13-09	1274209	2393	MP	2393	SMARQUEZ		$ 8.00
3-13-09	1274210	2394	MP	2394	SMARQUEZ		$ 8.00
3-13-09	1188473	2152	Rick Welch	2141	Rick Welch		$ 8.00
03/13/09	5LSR686	1330	SBPD	4937	KAMIR		$ 8.00

Use the bottom portion to total like cost and/or as a method to cross-check totals

$172.95

Totals by Type of Wash	Car @ $____	Car $ Total	Van @ $____	Van $ Total	____ @ $____	____ $ Total	____ @ $____	____ $ Total	Page Total	Monthly Total
# Wash's X $ = Total										

City of Santa Barbara

Car Wash Accounting Sheet

MARCH

Vendor Information

DATE	VEHICLE INFO Lic. No.	VEHICLE INFO City #	DEPARTMENT Name	DEPARTMENT No.	DRIVER NAME (PRINT)	DRIVER NAME Signature	SERVICE Total
3/14/09	1076740	2053	W.F.	8151	J Brandon		$ 8.00
3/4/09	1034756	1967	SBHD	1831	J. Griffin		$ 8.00
3/5/09	1076736	2054	W.F.	8151	J Brandon		$ 8.00
3/15/09	99656'	57 Chevy	SBPD	3843	A. GUTIERREZ		$ 8.00
3-16-09	1066527	2031	MP	2031	S MARQUEZ		$ 8.00
3/16/09	1161503	2208	LIBRARY	3321	JULIA COX		$ 8.00
3/16/09	1109635	2204	COM DEV	2611	Janette Carr	Janette Carr	$ 8.00
3/17/09	5HHF737	2297	PD	2297	C. Sanchez		$ 19.95
3-17-09	1066524	2041	MP	2041	S MARQUEZ		$ 8.00
3-18-09	1218382	2483	MP	2483	S MARQUEZ		$ 8.00
3-18-09	1274210	2394	MP	2394	S MARQUEZ		$ 8.00
3/19/09	1034756	1967	CS	1967	J. Carmen Sodo		$ 8.00
3/20/09	1080862	2095	SBPD	3441	J. ELLA		$ 8.00
3/23/09	1088391	2254	WFHarbor	7429	Mary Lou		$ 8.00
3/23/09	1202978	2336	LIBRARY	3321	JULIA COX		$ 8.00
3/24/08	1034764	1941	SBFire	3796	Amber Anderson		$ 8.00
3/24/09	4ETK077	1933	POLICE	7980	SAWICKI		$ 8.00
3-25-09	1066527	2031	MP	2031	S MARQUEZ		$ 8.00
3-26-09	1274210	2394	MP	2394	S MARQUEZ		$ 8.00
03/26/09	1305342	2422	POLICE	3441	G. HONS		$ 8.00

Use the bottom portion to total like cost and/or as a method to cross-check totals $160.00

Totals by Type of Wash	Car @ $____ $ Total	Van @ $____ $ Total	____ @ $____ $ Total	____ @ $____ $ Total	Page Total	Monthly Total
# Wash's X $ = Total						

City of Santa Barbara

Car Wash Accounting Sheet

Vendor Information

DATE	VEHICLE INFO Lic. No.	VEHICLE INFO City #	DEPARTMENT Name	DEPARTMENT No.	DRIVER NAME (PRINT)	DRIVER NAME Signature	SERVICE Total
3-26-09	5PHF737	2287	C. Sandoz	2287	Cam Sandoz	[signature]	$ 8.00
3/27/09	1168440	2276	J. Deming SB PDAC	2420	J Deming	[signature]	$ 8.00
3/28/09	1031211	2011	Waterfront ~~Harbor~~	540	Gilda Acuna	[signature]	$ 8.00
3/28/09	1034756	1967	SBHP	1831	J. Griffin	[signature]	$ 8.—
3/31/09	1310050	2427	SBPD	3441	J. ELLA	[signature]	$ 8.00
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Use the bottom portion to total like cost and/or as a method to cross-check totals $40.00

Totals by Type of Wash	Car @ $____	Car $ Total	Van @ $____	Van $ Total	____ @ $____	____ $ Total	____ @ $____	____ $ Total	Page Total	Monthly Total
# Wash's X $ = Total										

THE CITY OF SANTA BARBARA
Centralized Reporting Information System

8/3/2009 9:54:04 AM

Purchase Order History Inquiry

Purchase Order # :	381781	**Purchase Order Date:**	6/17/2009	**Purchase Order Status:**	Open

VENDOR INFORMATION

Vendor # :	038379	**Vendor Name & Address:**	LOYRS ALLBRETT DBA WATERWORKS 1217 1/2 GILLESPIE STREET SANTA BARBARA CA 93101

Remit # :		**Remit Name :**	

P.O. INFORMATION

Req # :	450101535	**PO Type:**	B - Blanket	**Revision:**	A	**Contract # :**	000000
PO Amt:	$6,000.00	**Freight:**	$0.00	**Tax:**	$0.00	**FOB:**	DES
Buyer:	GREGORY CORRAL	**Terms:**	NET 30	**Delivery Dept:**	4511 - PW-BUILDING MAINT		
Renew:	N	**In Lieu:**		**Due:**		**No. of Paymnts:**	1
Stop Amt:	$0.00	**Qty Chg:**	$0.00	**Authorization:**	$0.00	**Chg Ord. Amt:**	$0.00

Backup Received Date:	**7/1/2009 12:00:00 AM**	**Ind Con Flag:**		**Start Date:**		**Expire Date:**	

G/L INFORMATION

G/L	CHG AUTHORITY	AMOUNT	RETAINED AMOUNT	ENCUMBRANCE	PAID-TO-DATE
511-4511-53210-000000		$6,000.00	$0.00	$5,784.00	$216.00

LINE ITEM INFORMATION

CMMDTY	STOCK #	DESCRIPTION	QTY	UNTS	PRICE	TOTAL	TAX	GRAND TOTAL
00000	0000000000	STEAM CLEANING SERVICES	1	JOB	$6,000.00	$6,000.00	$0.00	$6,000.00

DESCRIPTION

Purchase Order History Inquiry

STEAM CLEAN HARD SURFACES VENDOR MUST RECOVER ALL WASTEWATER USED IN THE CLEANING PROCESS AND DISCHARGE THE WASTEWATER IN COMPLIANCE WITH CITY ORDINANCES AND ALL OTHER APPLICABLE STATE AND FEDERAL REGULATIONS REGARDING SUCH TOPICS. VENDOR MUST BE ABLE TO SECURE NECESSARY PERMITS BEFORE COMMENCEMENT OF WORK IN ORDER TO COMPLY WITH THESE REQUIREMENTS. ANNUAL PURCHASE ORDER IS FOR FISCAL YEAR 2010 (JULY 1, 2009 THRU JUNE 30, 2010), WITH AN OPTION TO RENEW FOR ONE (1) ADDITIONAL FISCAL YEAR. IF RENEWED, VENDOR WILL BE ADVISED BY POST CARD OR A NEW PURCHASE ORDER ON OR ABOUT JUNE 30, 2010. IN ACCORDANCE WITH THE CITY'S PURCHASING CODE, SECTION: 4.52.040, IT SHALL BE THE DEPARTMENT'S RESPONSIBILITY TO ATTEMPT TO OBTAIN AT LEAST THREE (3) QUOTES WHEN THE ESTIMATED AMOUNT IS EXPECTED TO EXCEED $2,500.00. SERVICES & OR LABOR: VENDOR SHALL FURNISH TO THE CITY OF SANTA BARBARA, SERVICES & OR LABOR AT THE RATES STATED IN THEIR QUOTE, BID OR PROPOSAL. THE RATES STATED IN THE VENDOR'S QUOTE, BID OR PROPOSAL ARE INCORPORATED BY REFERENCE AND MADE A PART OF THIS PO. THE RATES, QUOTE, BID, FEE SCHEDULE OR PROPOSAL SHALL BE MAINTAINED ON FILE IN BOTH THE USING DEPARTMENT AND PURCHASING OFFICE. NO CHANGES SHALL BE MADE TO THESE RATES, FEE SCHEDULE OR PROPOSAL WITHOUT PRIOR WRITTEN APPROVAL FROM THE CITY'S PURCHASING OFFICE. IT SHALL BE THE SERVICE CONTRACTOR'S OR VENDOR'S RESPONSIBILITY TO DETERMINE IF THE CITY'S LIVING WAGE ORDINANCE APPLIES TO ITS PURCHASE ORDER CONTRACTS WITH THE CITY AND, IF SO, TO COMPLY WITH THE REQUIREMENTS OF THAT ORDINANCE AND ITS IMPLEMENTING REGULATIONS. INFORMATION AND FORMS CAN BE FOUND ON THE FOLLOWING WEBSITE: WWW.SANTABARBARACA.GOV/BUSINESS /PURCHASING/GENERAL_SERVICES/ AMERICANS WITH DISABILITIES ACT (ADA) REQUIREMENTS. IF THIS SOLICITATION CONTEMPLATES THE PROVISION OF SERVICES TO THE PUBLIC, VENDOR SHALL, IN ADDITION TO ANY OTHER REQUIREMENTS UNDER ADA, COMPLY WITH THE TITLE II REQUIREMENTS OF THE ADA REGARDING THE ACCESSIBILITY OF CITY SERVICES AND PROGRAMS, AS AN EXPLICIT REQUIREMENT. VENDOR ASSURES THAT, AT ALL TIMES DURING THE PERFORMANCE OF ANY RESULTING PURCHASE ORDER, NO QUALIFIED INDIVIDUAL WITH A DISABILITY SHALL, BY REASON OF THAT DISABILITY, BE EXCLUDED FROM PARTICIPATION IN, OR BE DENIED BENEFITS OF, SERVICES, PROGRAMS, OR ACTIVITIES PERFORMED BY VENDOR FOR THE BENEFIT OF THE CITY. INSURANCE REQUIREMENTS: VENDOR SHALL PROVIDE THE USING CITY DEPARTMENT A CURRENT CERTIFICATE OF INSURANCE MEETING THE CITY'S MINIMUM STANDARD OF $1,000,000.00 FOR GENERAL LIABILITY, WORKERS COMPENSATION & AUTOMOBILE. CERTIFICATE OF INSURANCE SHALL NAME THE CITY AS ADDITIONAL INSURED. VENDOR SHALL MAINTAIN THE REQUIRED INSURANCE CURRENT AND IN FULL FORCE DURING THE LIFE OF THE PURCHASE ORDER. VENDOR SHALL INFORM THE USING DEPARTMENT WITH ANY AND ALL RENEWALS AND CHANGES. NOTICE TO VENDOR: 1. VENDOR SHALL OBTAIN FROM THE EMPLOYEE PLACING THE ORDER, THEIR FULL NAME AND THE NAME OF THEIR DEPARTMENT. ILLEGIBLE NAMES OR SIGNATURES MAY DELAY OR NEGATE PAYMENT. NO PAYMENTS WILL BE MADE WITHOUT VENDOR'S PROOF OF ORDER PLACED BY AN AUTHORIZED CITY EMPLOYEE. 2. THE CITY RESERVES THE RIGHT TO CANCEL OR CLOSE THIS PURCHASE ORDER AT ANY TIME WITH OR WITHOUT CAUSE. SEE THE REVERSE SIDE OF THIS PURCHASE ORDER AND ATTACHMENTS FOR ALL TERMS AND CONDITIONS. 3. THE CITY RESERVES THE RIGHT TO REVISE THIS PURCHASE ORDER AT ANY TIME. VENDOR SHALL BE NOTIFIED OF CHANGES IN WRITING USING THE CITY'S STANDARD PURCHASE ORDER FORM. 4. NO SPECIFIC LEVEL OR USAGE IS IMPLIED OR GUARANTEED WITH THIS PURCHASE ORDER. 5. IF TAX, FREIGHT AND/OR HANDLING CHARGES ARE ALLOWED BY THE CITY, THE VENDOR SHALL PRE-PAY THE CHARGES, IDENTIFY THEM AND ADD THEM TO THE INVOICE. 6. ANY QUESTIONS SHOULD BE DIRECTED TO THE CITY'S PURCHASING OFFICE AT (805) 564-5349. PLEASE NOTE LIST OF AUTHORIZED PERSONNEL CITY OF SANTA BARBARA ATTN: BUILDING MAINTENANCE P.O. BOX 1990 SANTA BARBARA, CA 93102-1990

STREET S. #: 2135
Motor Pool I.D. #: 2135
Vehicle Odometer Mileage: 19815
Service Odometer Mileage: 21590

DATE: 07-05-10
Inspected By: Ken Fickl / Joseph

- Inspection Comments -

Brake Pedal	OK
Air Brake Test	
Tires & Rims	
Mud Flaps	
Wipers	
Horn	
Windows	
Mirrors	

- Fluid Levels -

Type	Full	Low
Engine Oil	✓	
Water	✓	
Brake Fluid	✓	
Power Steering	✓	
Hydraulic Fluid	✓	
Transmission Fluid	✓	

Lights	O.K.	OUT	FRONT	REAR	DRIVER	PASSG.
ead	✓					
ail	✓					
top	✓					
urn	✓					
ackup	✓					
earance	✓					

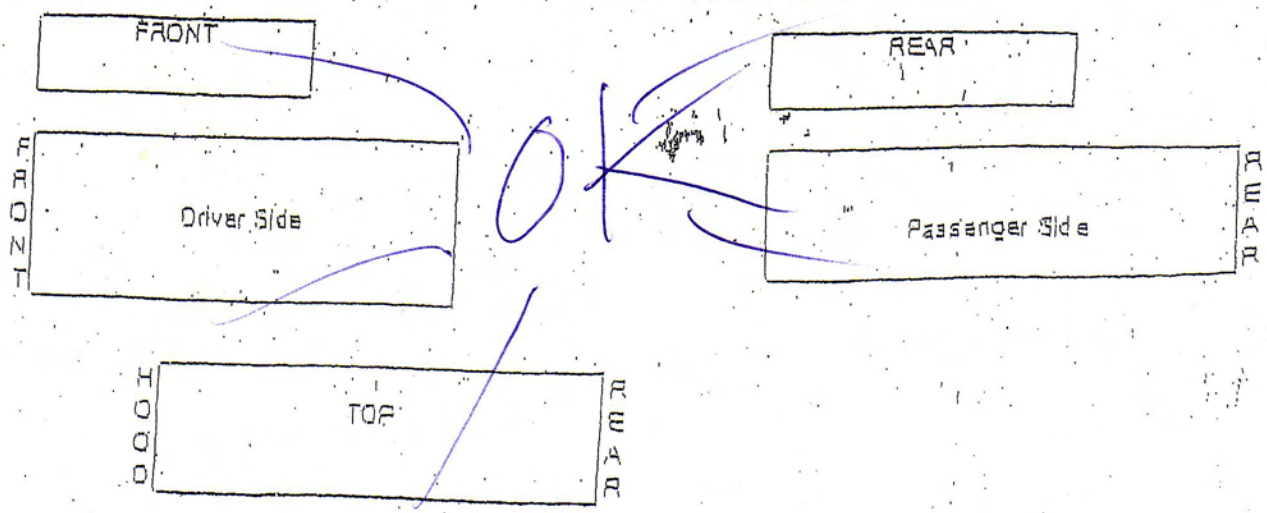
Inside Appearance

	O.K.	REPAIR
olstery	✓	
s	✓	
dliner	✓	
Panels	✓	
r	✓	

- Safety Equipment -

Item	Date	YES	NO
Accident Report			
First Aid Kit			
Fire Extinguisher	Aug 5th 2008		
Triangle Reflectors			
Flags & Cones			
Seal Ball Visible			

- SHOW BODY DENTS AND DAMAGE -



Streets Vehicle Inspection Report Date: _____

Inspected by: _____

Streets ID #		**Vehicle Odometer Mileage**	
Motor Pool ID #		**Service Odometer Mileage**	

Inspection Comments

Brake Pedal		**Fluid Levels**	Full	Low
Air Brake Test		Engine oil		
Tires & Rims		Water		
Mud Flaps		Brake Fluid		
Wipers		Power Steering		
Horn		Hydraulic Fluid		
Windows		Transmission Fluid		
Mirrors				

Lights	OK	Out	Front	Rear	Driver	Passenger
Head						
Tail						
Stop						
Turn						
Backup						
Clearance						

Inside Appearance	OK	Repair	**Safety Equipment**	Yes	No
Upholstery			Accident report		
Mats			First aid kit		
Headliner			Seat belt visible		
Door panels			Triangle reflectors		
Other			Flags & cones		
			Fire extinguisher	Date:	

Show Body Dents and Damage:

Front

Rear

F R O N T Driver side

Passenger side R E A R

Top rear

Street Maintenance: Sidewalk, Curb and Gutter Maintenance --- Concrete					
Subject: Concrete Crew	Prepared by: James Russell	Date: 6-26-08 REV. 1	Supervisor: James Russell	Program 4411	Page 2
General Description: The concrete crew removes old concrete sidewalks and prunes roots as needed before forming for a new sidewalk. Use sand bags to prevent debris from entering storm drains when needed. Clean and take away debris at the end of each days work. The work locations are tracked on the Cartegraph work order system and are prioritized by trip and fall complaints, citizen's complaints and safe route to schools. The sidewalk inventory is reviewed and a site inspection performed by staff and then added to the repair program as determined by staff.					
Crew (4 total)	1 Crew Lead	1 Senior Maintenance Worker	3 Maintenance Worker 2's		
Work examples:	Sidewalk Replacement	Curb/gutter Replacement	Brick leveling or replacement		
P3 Items	Measurable Objective. Replace 13,500 Sq. Ft. of concrete sidewalk, curbs, and gutter in FY07. Report square feet of concrete sidewalk, curb and gutter installed. Other performance measure: Report average cost to remove and install one square foot of concrete sidewalk.				

PROCEDURES AND ROUTINES

	For: How a Request Call is Handled
Daily	1. Record reporting party information 2. Contact reporting party (when possible) to let them know the complaint has been received 3. Investigation 4. Documentation; pictures, measurements 5. Determination of findings (location, size, severities.) 6. Make Cartegraph request, or convert the request into a work order. 7. Create a Cartegraph work order when work is scheduled. 8. Assign staff/equipment depending on priority schedule; Pad uplifts! 9. Put sidewalks on the replacement list. Place sidewalks with a 2" or multiple lift over 2" on this list. 10. Record location, staff, vehicle/equipment, square footage repair material & time used for Cartegraph work orders. 11. Storm drain replacement
SWMP	Place sand bags at storm drain or in gutter to stop debris and water from entering storm drain. Sweep up concrete dust and debris created during the work and bring back to the Annex Yard.
Other work assigned to same crew	1. Weed abatement 2. Storm drain cleaning during rain events 3. Special events set ups 4. Level or replace brick along State Street to repair trip hazards
Contracted work	If Streets Capital Program has funds for sidewalk replacement available, write specifications and obtain bids for a contractor to remove and replace sidewalk in multiple areas of damaged sidewalk awaiting repair. (In FY06 and 07, was in $180,000 range each year).

Street Maintenance: Pavement and Sidewalk Maintenance --- Asphalt					
Subject: Asphalt Crew	Prepared by: James Russell	Date: 6-26-08 REV. 1	Supervisor: James Russell	Program 4411	Page 1
General Description: The asphalt crew is responsible for pot hole repairs and asphalt street maintenance. Use sand bags to prevent debris from entering storm drains when needed. Clean and take away debris at the end of each days work. The crew very rarely rebuilds the street base and overlays old asphalt and concrete roads. The crew supports the slurry program by patching damaged streets prior to a new slurry coat.					
Crew (8 total)	1 Crew Lead	2 Senior Maintenance Workers	5 Maintenance Worker II's		
Work examples:	Pothole repair	Skin patches	Sidewalk padding	Installing an asphalt berm	
P3 Item	Measurable Objective. Report total square feet of surface repaired with asphalt, including potholes, skin patching, sidewalk padding, and overlays.				

PROCEDURES AND ROUTINES

Daily	1. Record reporting party information (hotline, etc.) 2. Contact reporting party (when possible) to let them know their complaint has been received. 3. Investigation 4. Documentation; pictures, measurements 5. Determination of findings (size, scope etc.) 6. Make Cartegraph request 7. Create a Cartegraph work order when work is scheduled and in progress. 8. Assign staff/equipment depending on priority schedule. 9. Frequently, drive truck to vendor for supply of hot mix. 10. Record location, labor, equipment, material, time and square footage repaired for complaint in Cartegraph.
SWMP	Place sand bags at storm drain or in gutter to stop debris and water from entering storm drain. Sweep up asphalt particles and debris created during the work and bring back to the Annex Yard.
Other work assigned to same crew	1. Weed abatement 2. Storm drain cleaning during rain events 3. Work with concrete crew on large projects 4. Special events set ups.
Contracted work	Generally none for asphalt work hired by Streets. Note that all slurry sealing is done by contractors hired by PW Engineering staff, not Streets.

Street Maintenance: Landscape Maintenance and Misc. Clean Ups					
Subject: Eliseo Campos	Prepared by: Nick Cabugos	Date: 6-26-08 REV. 1	Supervisor: Nick Cabugos	Program 4411	Page 20
General Description: Streets crew are responsible for special street sweeping schedule and the maintenance of a dozen street medians. Streets staff also supervises a SWAP work crew on the weekends when maintaining medians or clean up projects. Use sand bags to prevent debris from entering storm drains when needed. Clean and take away debris at the end of each days work.					
Crew (1)	1 Senior Maintenance Worker	On weekends, he supervises from 1 to 6 SWAP workers as available, assigned to perform community service in Streets Division.			
Work Schedule	Wednesday thru Sunday. • Wednesday through Friday 5:00 AM – 1:30PM • Saturday and Sunday 7:00 AM – 3:30PM				
Work Examples	Special street sweeping	Homeless encampment cleanups	Weed abatement and median island landscape maint.	Graffiti abatement and special event set-up	
P3 Items	Measurable Objective. Participate in neighborhood clean-ups within the City limits, including large and/or small sites. Annual target: 12 clean ups per year.				

PROCEDURES AND ROUTINES

Weekdays	Performs special sweeps requested by citizens; on an as needed basis. • Does miscellaneous assignments from supervisor. • During winter months and inclement weather, Campos will monitor the Laguna Pumps station. • Assists supervisor in planning street sweeping expansion routes, measuring mileage, identifying trees for route pruning, etc. • Documents new work on Cartegraph work orders each day. • Water new plants until plants are established; as directed
Weekend Saturdays:	The Streets Senior or Lead Worker supervises the SWAP workers on numerous assignments. He spends a great deal of his time working with the Police Department, responding and planning for the removal of homeless camps throughout the City. Does weed abatement, graffiti abatement and cover up near and around creeks, under

Sunday:	bridges etc. Also provides key support for volunteer groups who are working for Looking Good Santa Barbara project, including neighborhood cleanups and graffiti abatement. Handles major weed abatement projects that Streets crews cannot get to during the week. Documents work on Cartegraph work orders each day. Page 21 Arrive at 7:00 AM. With SWAP assistance, maintains medians and islands that belong to Streets Division. (Garden, Calle Cesar Chavez, Milpas Roundabout, Milpas islands and medians.) including weed abatement, shrub pruning, picks up trash and litter, may repair broken irrigation lines. Does weeding and spreading mulch on banks of the Laguna Channel, once a year.
SWMP	Place sand bags at storm drain or in gutter to stop debris and water from entering storm drain. Sweep up asphalt particles and debris created during the work and bring back to the Annex Yard.
Other work assigned	1. Weed abatement and tree pruning. 2. Storm drain cleaning during rain events. Laguna Pump monitoring. 3. Special events set ups 4. Graffiti abatement. 5. Work at the Laguna Pump Station as assigned during storm events.
Contracted work	None at present. In future, a contract with California Conservation Corps will supply additional labor for monthly clean ups along UP railroad corridor.

P³ QUARTERLY REPORT
Fiscal Year 2009
4th Quarter
April – June 2009
Date: July 13, 2009

Department: Public Works
Program Name: Street Sweeping (4412 Commercial and 4418 Residential Sweeping)
Program Owner: Nick Cabugos, Street Maintenance Supervisor
Phone Number: 897-2541
Program Mission: Clean streets to improve neighborhood appearance and water quality in urban creeks.

MEASUREABLE OBJECTIVES

1. Sweep 20,300 curb miles per year on the established sweeping schedules for residential and commercial routes, except in inclement weather and on City-observed holidays.

Performance Measure	Annual Projection	QTR 1 Jul-Sep	QTR 2 Oct-Dec	QTR 3 Jan-Mar	QTR 4 Apr-Jun	Year to Date
Number of curb miles swept on established schedules for residential and commercials routes	20,300	4,977	4,630	4,499	4,809	18,915

Status:	Ongoing	
Comments:	Sweeping was cancelled 4 times this quarter due to City recognized holidays and weather conditions. Sweeping has continued on all scheduled routes this quarter with no significant changes. Even if the total number of miles in the target are not swept, and as long as the sweeping contractor sweeps on all days when sweeping is not cancelled due to rain and/or holidays, sweeping is considered to have been performed/achieved as intended. The targets are only rough estimates of mileage to be swept in a year. Some years ago the target was calculated as the total number of curb miles in the various sweeping routes multiplied by 52 weeks of sweeping (i.e. a perfect year), which didn't account for holidays and weather related cancellations. Recently the mileage targets have been more realistic by using the average number of miles swept per month by studying the prior monthly sweeping logs, and extrapolating a 12-month total to be the "target." In FY08, staff cut the frequency of sweeping the downtown core (from 5 times a week to 4) to save money and compensate for increased costs per mile due to high diesel costs, hence last year the original FY09 mileage target was not met, but sweeping was still done according to the revised schedule. The Objective was marked as achieved. In FY09 the target of 20,300 included the prior year's projection plus the addition of sweeping the San Roque expansion area, but was not adjusted to account for the reductions associated with the new area's total by estimated cancellations. Additionally, the Cesar Chavez holiday was added last January. Sweeping did not occur on the holiday.	Objective Achieved ☐

PROJECT OBJECTIVES

2. Begin sweeping the 60 curb mile FY09 street sweeping expansion area on July 1, 2008 as approved by City Council. Monitor amounts of on-street parking encountered, debris collected, and street sweeping hotline calls received. If necessary, make schedule and/or parking restriction adjustments to establish acceptable curb access and cleanliness with minimal inconvenience to residents.		
Status:	Achieved.	
Comments:	The City expanded the residential sweeping program into the San Roque area and began actual sweeping on time in July 2008. This area is now part of the continuing regular street sweeping program. (See Other Performance Measures on Page 2 for debris data of other quarters and areas of the City.)	Objective Achieved ☒

3. Monitor all street sweeping routes and debris collected, on-street parking and street sweeping hotline call activity. If necessary, make schedule and/or parking restriction adjustments to establish acceptable curb access and cleanliness with minimal inconvenience to residents.		
Status:	Continuous process.	
Comments:	The supervisor continues to monitor calls on the street sweeping hotline and makes adjustments if necessary. No route changes occurred this quarter. Sweeping debris weighs between .26 ton to .36 ton per cubic yard, depending on the amount of water dispensed by the sweeper for dust control and also if water in gutters was swept up. We convert the sweeping contractor's daily collection of cubic yards into tons at .26 ton per yard. For debris collection data by area of the City, see below.	Objective Achieved ☒

OTHER PERFORMANCE MEASURES

Performance Measure	Annual Projection	QTR 1 Jul-Sep	QTR 2 Oct-Dec	QTR 3 Jan-Mar	QTR 4 Apr-Jun	Year to Date
1. Tons of debris collected on commercial routes.	890	179	240	239	267	925
2. Tons of debris collected on Westside residential	343	91	90	91	109	381
3. Tons of debris collected on Eastside residential	343	90	93	76	88	347
4. Tons of debris collected on Mesa and Bel Air residential	183	51	53	47	47	198
5. Tons of debris collected on Hidden Valley and Campanil residential	59	19	17	16	19	71

6. Tons of debris collected on San Roque FY09 Expansion area	130	46	56	50	48	200

COMMENTS ON OTHER PERFORMANCE MEASURES :

The performance measures do not reflect controls exercised by staff or sweeping contractor, or a better or worse sweeping job. The information should be considered neighborhood debris collection facts with year-end totals. The annual projection is an estimate. Following this years' data, the annual projects are low and/or the contractor may be rounding up his reported number of cubic yards of debris collected.

The number of cubic yards of debris reported by the contractor is multiplied by 0.26 ton per cubic yard. From time to time a load is weighed to determine its weight, but the volume is still only an eyeball estimate of what the sweeper's hopper contained. The load is weighed at MarBorg straight out of the sweeper hopper, when it is damp. The amount of water used in sweeping for dust suppression weighs varies from sweeper to sweeper, and road profiles and weather cause variations in how much water in gutters is collected. When the debris has had time to dry, it weighs less.

P³ QUARTERLY REPORT
Fiscal Year 2010
Second Quarter
October 1 – December 31, 2009
Date: January 11, 2010

Department: Public Works
Program Name: Street Sweeping (4412 Commercial and 4418 Residential Sweeping)
Program Owner: Nick Cabugos, Street Maintenance Supervisor
Phone Number: 897-2541
Program Mission: Clean streets to improve neighborhood appearance and water quality in urban creeks.

MEASURABLE OBJECTIVES

1. Sweep 20,000 curb miles per year on the established sweeping schedules for residential and commercial routes, except in inclement weather and on City-observed holidays.

Performance Measure	Annual Projection	QTR 1 Jul-Sep	QTR 2 Oct-Dec	QTR 3 Jan-Mar	QTR 4 Apr-Jun	Year to Date
Number of curb miles swept on established schedules for residential and commercials routes	20,000	5,070	4,699			9,769

Status:	Ongoing	
Comments:	Second quarter street sweeping mileage was slightly less than first quarter, as expected, because there were more cancelled sweeping days due to rain and City holidays in the second quarter. There have been no changes to frequency of sweeping nor any route additions or deletions in the two quarters.	Objective Achieved ☐

PROJECT OBJECTIVES

1. Monitor all street sweeping routes and debris collected, on-street parking and street sweeping hotline call activity. If necessary, make schedule and/or parking restriction adjustments to establish acceptable curb access and cleanliness with minimal inconvenience to residents and businesses.

Status:	Ongoing.	
Comments:	No permanent changes to the sweeping schedule or parking restrictions have been made, although long construction and improvements projects have caused suspension of sweeping and enforcement, notably on the 00 – 400 blocks of W. Ortega Street where the West Downtown Pedestrian Improvements Project is underway. Its focus is on enhancing Westside corridors along Anapamu and Ortega Streets. Sweeping suspension will continue in the project work area through March 2010. Monthly monitoring continues of debris collected from 11 different sweeping routes, as well as the numbers of sweeping parking citations issued and citations paid.	Objective Achieved ☒

OTHER PERFORMANCE MEASURES						
Performance Measure	**Annual Projection**	**QTR 1 Jul-Sep**	**QTR 2 Oct-Dec**	**QTR 3 Jan-Mar**	**QTR 4 Apr-Jun**	**Year to Date**
1. Tons of debris collected on commercial routes.	890	285	263			548
2. Tons of debris collected on Westside residential routes	343	103	102			205
3. Tons of debris collected on Eastside residential routes	343	98	97			195
4. Tons of debris collected on Mesa and Bel Air residential routes	183	52	48			100
5. Tons of debris collected on Hidden Valley and Campanil residential routes	59	19	13			32
6. Tons of debris collected on San Roque residential routes	130	68	72			140

COMMENTS ON OTHER PERFORMANCE MEASURES: Debris amounts are running ahead of annual projections. One likely cause is that the street trees on residential sweeping routes were all pruned heavily before each area was added to the sweeping program a few years ago, thus the amount of tree debris was light from newly pruned trees when sweeping began (and when annual debris projections were made.) However, over time, the trees have grown back and will drop more debris each year until heavily pruned again.

RECENT PROGRAM ACHIEVEMENT:

*The Recent Program Achievement **must** fit in the 2-line space provided above*

2009 OCTOBER

Date	Day	West side miles	West side Debris	East side miles	East side Debris	Mesa SW & Mesa SE Miles	Mesa Debris	Hidden & Campanil Miles	Hidden & Campanil Debris	Bel Air Miles	Bel Air Debris	West Upr Mesa Miles	West Upr Mesa Debris	East Upr Mesa Miles	East Upr Mesa Debris	East of Ontare Miles	East Debris	West of Ontare Miles	West Debris	State Core CMiles	State Core Debris	Other Comm Miles	Other Comm Debris	Extras Special sweeps, C Miles
1	THU	36	16																	18.5	5	14.8	10	
2	FRI					28.6	14							15	8					18.5	5	11.2	10	
3	SAT																							
4	SUN																			18.5	8	21.8	12	
5	MON			42	18															18.5	5	9.8	5	
6	TUE			40.5	16																			
7	WED	36	16																	18.5	8	25	14	
8	THU	36	16																	18.5	5	14.8	10	
9	FRI							27.8	12.0	12.5	5.0	13.7	8.0							18.5	5	11.2	10	
10	SAT																							
11	SUN																			18.5	8	21.8	12	
12	MON			30	14											30.0	25.0			18.5	5	9.8	5	
13	TUE			Rain														Rain						
14	WED	rain																		18.5	8	25	16	
15	THU	36	16																	18.5	5	14.8	10	
16	FRI					28.6	16.0							15.0	8.0					18.5	5	11.2	12	
17	SAT																							
18	SUN																			18.5	8	21.8	14	
19	MON			42	18															18.5	5	9.8	6	
20	TUE			40.5	20																			
21	WED	36	22																	18.5	8	25	14	
22	THU	36	19																	18.5	5	14.8	10	
23	FRI							27.8	14.0	12.5	5.0	13.7	8.0							18.5	5	11.2	10	
24	SAT																							
25	SUN																			18.5	8	21.8	12	
26	MON			30	15											30.0	20.0			18.5	5	9.8	5	
27	TUE			30	15													30.0	30.0					
28	WED	36	16																	18.5	8	25	14	
29	THU	36	16																	18.5	5	14.8	10	
30	FRI																			18.5	5	11.2	10	
Totals		288	137	255.0	116.0	57.2	30.0	55.6	26.0	25.0	10.0	27.4	16.0	30.0	16.0	60.0	45.0	30.0	30.0	407.0	134.0	356.4	231.0	0.0

Res Debris Total= 426.0 Res Mile Total 828.2 Comm Debris = Total 365.0 Comm Mile Total 763.4

Work Order Details

WO Number ***PK-2-09***

Issue	Clean Up Needed - PK	**Division**	Parking
Activity	Custodial - PK	**Assigned To**	
Type	Routine	**Priority**	Medium
Is Billable	No	**Status**	Completed
Subdivision	02	**Start Date Actual**	1/1/2009 6:08:05 AM
Details	DAILY INSPECTION AND CLEANING, LOT 2	**Stop Date Actual**	12/31/2009 12:00:00 AM
		Total Cost Actual	**$37,243.18**
		Labor Hours Actual	961.50
		Notes	ROUTINE WO

Work Order Details

WO Number ***PK-3-09***

Issue	Clean Up Needed - PK	**Division**	Parking
Activity	Custodial - PK	**Assigned To**	
Type	Routine	**Priority**	Medium
Is Billable	No	**Status**	Completed
Subdivision	06 - Granada Garage	**Start Date Actual**	1/1/2009 6:00:00 AM
Details	DAILY INSPECTION AND CLEANING, LOT 6	**Stop Date Actual**	12/31/2009 9:00:00 PM
		Total Cost Actual	**$30,205.67**
		Labor Hours Actual	945.00
		Notes	ROUTINE WO

Work Order Details

WO Number ***PK-4-09***

Issue	Clean Up Needed - PK	**Division**	Parking
Activity	Custodial - PK	**Assigned To**	
Type	Routine	**Priority**	Medium
Is Billable	No	**Status**	Completed
Subdivision	07 - Library Lot	**Start Date Actual**	1/1/2009 1:45:00 AM
Details	DAILY INSPECTION AND CLEANING, LOT 7	**Stop Date Actual**	12/31/2009 10:52:13 AM
		Total Cost Actual	**$44,867.49**
		Labor Hours Actual	1,200.25
		Notes	ROUTINE WO

Work Order Details

WO Number ***PK-5-09***

Issue Clean Up Needed - PK
Activity Custodial - PK
Type Routine
Is Billable No
Subdivision 09 - Lobero Garage
Details DAILY INSPECTION AND CLEANING, LOT 9

Division Parking
Assigned To
Priority Medium
Status Completed
Start Date Actual 1/1/2009 1:45:00 AM
Stop Date Actual 12/31/2009 10:52:21 AM
Total Cost Actual **$34,664.75**
Labor Hours Actual 895.50
Notes ROUTINE WO

Work Order Details

WO Number ***PK-6-09***

Issue Clean Up Needed - PK
Activity Custodial - PK
Type Routine
Is Billable No
Subdivision 10 - Ortega Garage
Details DAILY INSPECTION AND CLEANING, LOT 10

Division Parking
Assigned To
Priority Medium
Status Completed
Start Date Actual 1/1/2009 3:49:42 PM
Stop Date Actual 12/31/2009 10:52:33 AM
Total Cost Actual **$43,331.54**
Labor Hours Actual 1,315.00
Notes ROUTINE WO

Work Order Details

WO Number ***PK-8-09***

Issue	Clean Up Needed - PK	**Division**	Parking
Activity	Custodial - PK	**Assigned To**	
Type	Routine	**Priority**	Medium
Is Billable	No	**Status**	Completed
Subdivision	Multiple Locations	**Start Date Actual**	1/1/2009 5:45:00 AM
Details	CLEAN, PICK-UP TRASH IN ALL LOTS.	**Stop Date Actual**	12/31/2009 10:52:49 AM
		Total Cost Actual	**$87,494.49**
		Labor Hours Actual	2,685.75
		Notes	ROUTINE WO

Work Order Details

WO Number ***PK-15-09***

Issue	Clean Up Needed - PK	**Division**	Parking
Activity	Sweeper - PK	**Assigned To**	
Type	Routine	**Priority**	
Is Billable	No	**Status**	Completed
Subdivision	Multiple Locations	**Start Date Actual**	1/1/2009 3:53:38 PM
Details	ROUTINE POWER SWEEPING OF FACILITIES	**Stop Date Actual**	12/31/2009 10:54:20 AM
		Total Cost Actual	**$5,346.26**
		Labor Hours Actual	127.00
		Notes	ROUTINE WO

Work Order Details

WO Number ***PK-14-09***

Issue	Clean Up Needed - PK	**Division**	Parking
Activity	Pressure Washing - PK	**Assigned To**	
Type	Routine	**Priority**	
Is Billable	No	**Status**	Completed
Subdivision	Multiple Locations	**Start Date Actual**	1/1/2009 5:45:00 AM
Details	ROUTINE PRESSURE WASHER CLEANING. NOT TO BE USED FOR TRASH ENCLOSURES.	**Stop Date Actual**	12/31/2009 10:54:11 AM
		Total Cost Actual	**$26,733.79**
		Labor Hours Actual	641.75
		Notes	ROUTINE WO

COMPLETED WORK ORDERS BY ACTIVITY

((((Division is equal to "Parking") And (Activity is equal to "Pressure Washing - PK")) And (Start Date Actual is after #01/01/2009 6:15:00 AM#)) And (Stop Date Actual is before #12/31/2009 8:00:00 PM#))

PK-101-09 **Clean Up Needed - PK** **09 - Lobero Garage** **Graham, Randell E**

Details Lot 9 Basement area, pressure wash the north wall of the basement at lot 9

Labor Details

Graham, Randell E	Pressure Washing - PK	Default	3/4/2009	3/4/2009	4.00	$201.24
Nevarez, Philip A	Pressure Washing - PK	Default	3/4/2009	3/4/2009	4.00	$182.52
				Total Hours	***8.00***	***$383.76***

PK-105-09 **Clean Up Needed - PK** **09 - Lobero Garage**

Details PRESSURE WASH WALL ON BASEMENT BY DRAIN PIPE ALSO ON EXIT WALL TO ANACAPA ST.

Labor Details

Graham, Randell E	Pressure Washing - PK	Default	3/3/2009	3/3/2009	2.00	$100.62
				Total Hours	***2.00***	***$100.62***

PK-209-09 **Clean Up Needed - PK** **07 - Library Lot** **Nevarez, Philip A**

Details Oil spill on the ramp off of library entrance.

Labor Details

Nevarez, Philip A	Pressure Washing - PK	Default	3/2/2009	5/14/2009	1.50	$68.45
				Total Hours	***1.50***	***$68.45***

PK-203-09 **Preventive Maintenance - PK** **07 - Library Lot** **Graham, Randell E**

Details TROUBLESHOOT PRESSURE WASH RECOVERY SYSTEM

Labor Details

Graham, Randell E	Pressure Washing - PK	Default	4/24/2009	4/24/2009	2.50	$125.78
				Total Hours	***2.50***	***$125.78***

PK-319-09 **Clean Up Needed - PK** **07 - Library Lot** **Graham, Randell E**

Details Lot 7, Figueroa side of the lot. At the ground level pressure wash the exterior slanted wall to prep for painting.

Labor Details

Graham, Randell E	Pressure Washing - PK	Default	7/15/2009		2.00	$100.62
Graham, Randell E	Pressure Washing - PK	Default	8/29/2009		1.00	$50.31
				Total Hours	***3.00***	***$150.93***

PK-439-09 **Clean Up Needed - PK** **02** **Quinonez, Domingo O**

Details Pressure wash top to bottom lot 2 per D. Tait

Labor Details

Marquez, Vincent C.		Default	9/30/2009		4.00	$122.50
Quinonez, Domingo	Pressure Washing - PK	Default	9/29/2009		7.50	$326.55
Quinonez, Domingo	Pressure Washing - PK	Default	9/29/2009		7.50	$326.55
Quinonez, Domingo	Pressure Washing - PK	Default	9/29/2009		7.50	$326.55
Quinonez, Domingo	Pressure Washing - PK	Default	9/30/2009		7.50	$326.55
Quinonez, Domingo	Pressure Washing - PK	Default	10/5/2009	10/5/2009	7.50	$326.55
Nevarez, Philip A	Pressure Washing - PK	Default	10/6/2009	10/6/2009	7.50	$342.22
Quinonez, Domingo	Pressure Washing - PK	Default	10/6/2009	10/6/2009	7.50	$326.55
Nevarez, Philip A	Pressure Washing - PK	Default	10/7/2009	10/7/2009	7.50	$342.22
Quinonez, Domingo	Pressure Washing - PK	Default	10/7/2009	10/7/2009	2.50	$108.85
Quinonez, Domingo	Pressure Washing - PK	Default	10/8/2009	10/8/2009	7.50	$326.55
Nevarez, Philip A	Pressure Washing - PK	Default	10/8/2009	10/8/2009	7.50	$342.22
Quinonez, Domingo	Pressure Washing - PK	Default	10/9/2009	10/9/2009	6.50	$283.01
Nevarez, Philip A	Pressure Washing - PK	Default	10/13/2009	10/13/2009	7.50	$342.22
Quinonez, Domingo	Pressure Washing - PK	Default	10/13/2009	10/13/2009	7.50	$326.55
Quinonez, Domingo	Pressure Washing - PK	Default	10/14/2009	10/14/2009	7.50	$326.55
Nevarez, Philip A	Pressure Washing - PK	Default	10/14/2009	10/14/2009	7.50	$342.22
Quinonez, Domingo	Pressure Washing - PK	Default	10/15/2009	10/15/2009	4.00	$174.16
Nevarez, Philip A	Pressure Washing - PK	Default	10/15/2009	10/15/2009	7.50	$342.22
Quinonez, Domingo	Pressure Washing - PK	Default	10/19/2009	10/19/2009	2.50	$108.85
Quinonez, Domingo	Pressure Washing - PK	Default	10/20/2009	10/20/2009	7.50	$326.55
Nevarez, Philip A	Pressure Washing - PK	Default	10/20/2009	10/20/2009	7.50	$342.22
Quinonez, Domingo	Pressure Washing - PK	Default	10/21/2009	10/21/2009	6.50	$283.01
Nevarez, Philip A	Pressure Washing - PK	Default	10/21/2009	10/21/2009	7.50	$342.22
Nevarez, Philip A	Pressure Washing - PK	Default	10/27/2009	10/27/2009	7.50	$342.22
Nevarez, Philip A	Pressure Washing - PK	Default	10/28/2009	10/28/2009	7.50	$342.22
Nevarez, Philip A	Pressure Washing - PK	Default	9/1/2009	10/28/2009	0.00	$0.00
				Total Hours	***176.00***	***$7,768.08***

PK-444-09 **Clean Up Needed - PK** **09 - Lobero Garage** **Quinonez, Domingo O**

Details Pressure wash top to bottom lot 9 per D. Tait

Labor Details

Tejeda, Francisco	Pressure Washing - PK	Default	10/12/2009	10/12/2009	3.50	$184.87
Tejeda, Francisco	Pressure Washing - PK	Default	10/13/2009	10/13/2009	3.50	$184.87
Nevarez, Philip A	Pressure Washing - PK	Default	12/2/2009	12/2/2009	2.50	$114.08
Nevarez, Philip A	Pressure Washing - PK	Default	1/20/2010	1/20/2010	4.00	$182.52
Nevarez, Philip A	Pressure Washing - PK	Default	1/21/2010	1/21/2010	4.00	$182.52
Nevarez, Philip A	Pressure Washing - PK	Default	2/2/2010	2/2/2010	5.00	$228.15
Nevarez, Philip A	Pressure Washing - PK	Default	2/3/2010	2/3/2010	5.00	$228.15
				Total Hours	***27.50***	***$1,305.16***

PK-443-09 Clean Up Needed - PK 07 - Library Lot Quinonez, Domingo O

Details Pressure wash top to bottom lot 7 per D. Tait

Labor Details

Nevarez, Philip A	Pressure Washing - PK	Default	12/1/2009		2.00	$91.26
Nevarez, Philip A	Pressure Washing - PK	Default	11/19/2009		4.50	$205.34
Nevarez, Philip A	Pressure Washing - PK	Default	10/29/2009	10/29/2009	4.50	$205.34
Nevarez, Philip A	Pressure Washing - PK	Default	10/30/2009	10/30/2009	2.00	$91.26
Nevarez, Philip A	Pressure Washing - PK	Default	11/3/2009	11/3/2009	7.50	$342.22
Nevarez, Philip A	Pressure Washing - PK	Default	11/10/2009	11/10/2009	4.00	$182.52
Nevarez, Philip A	Pressure Washing - PK	Default	11/11/2009	11/11/2009	3.00	$136.89
Nevarez, Philip A	Pressure Washing - PK	Default	11/12/2009	11/12/2009	4.00	$182.52
Nevarez, Philip A	Pressure Washing - PK	Default	11/17/2009	11/17/2009	2.50	$114.08
Nevarez, Philip A	Pressure Washing - PK	Default	11/18/2009	11/18/2009	5.00	$228.15
Quinonez, Domingo	Pressure Washing - PK	Default	11/24/2009	11/24/2009	4.00	$174.16
Quinonez, Domingo	Pressure Washing - PK	Default	11/25/2009	11/25/2009	4.00	$174.16
Quinonez, Domingo	Pressure Washing - PK	Default	11/30/2009	11/30/2009	5.50	$239.47
Quinonez, Domingo	Pressure Washing - PK	Default	12/1/2009	12/1/2009	2.00	$87.08
				Total Hours	***54.50***	***$2,454.45***

PK-442-09 Clean Up Needed - PK 06 - Granada Garage Quinonez, Domingo O

Details Pressure wash top to bottom lot 6 per D. Tait

Labor Details

Nevarez, Philip A	Pressure Washing - PK	Default	10/29/2009	10/29/2009	2.50	$114.08
Nevarez, Philip A	Pressure Washing - PK	Default	11/4/2009	11/4/2009	7.50	$342.22
Nevarez, Philip A	Pressure Washing - PK	Default	11/10/2009	11/10/2009	3.50	$159.71
Nevarez, Philip A	Pressure Washing - PK	Default	11/11/2009	11/11/2009	4.50	$205.34
Nevarez, Philip A	Pressure Washing - PK	Default	11/17/2009	11/17/2009	2.50	$114.08
Nevarez, Philip A	Pressure Washing - PK	Default	11/18/2009	11/18/2009	2.00	$91.26
Quinonez, Domingo	Pressure Washing - PK	Default	12/1/2009	12/1/2009	4.50	$195.93
Nevarez, Philip A	Pressure Washing - PK	Default	12/1/2009	12/1/2009	4.50	$205.34
Nevarez, Philip A	Pressure Washing - PK	Default	12/2/2009	12/2/2009	3.00	$136.89
Nevarez, Philip A	Pressure Washing - PK	Default	12/3/2009	12/3/2009	7.50	$342.22
Quinonez, Domingo	Pressure Washing - PK	Default	12/3/2009	12/3/2009	7.50	$326.55
Quinonez, Domingo	Pressure Washing - PK	Default	12/4/2009	12/4/2009	3.50	$152.39
Nevarez, Philip A	Pressure Washing - PK	Default	12/8/2009	12/8/2009	7.50	$342.22
Nevarez, Philip A	Pressure Washing - PK	Default	12/9/2009	12/9/2009	7.50	$342.22
				Total Hours	***68.00***	***$3,070.45***

PK-469-09 Clean Up Needed - PK 11 Graham, Randell E

Details LOT 11, PRESSURE WASH THE PASEO TO STATE STREET AND THE SIDEWALK AREA BEHIND SANDBAR ALL THE WAY TO THE RECYCLING DUMPSTER BEHIND TRIBAL RUGS.

Labor Details

Graham, Randell E	Pressure Washing - PK	Default	10/30/2009	10/30/2009	5.00	$251.55
				Total Hours	***5.00***	***$251.55***

PK-54-10	Facility Inspection - PK	02	Nevarez, Philip A

Details Lot 2, Pressure wash canon perdido stairs to remove bird droppings from all landings.

Labor Details

Graham, Randell E	Pressure Washing - PK	Default	1/21/2010		0.00	$0.00
Nevarez, Philip A	Pressure Washing - PK	Default	1/21/2010		0.00	$0.00
				Total Hours	***0.00***	***$0.00***

Material Cost Actual	$0.00
Labor Cost Actual	15,679.23
Total Cost Actual	**$15,679.23**

THE CITY OF SANTA BARBARA
Centralized Reporting Information System

2/22/2010 7:41:11 AM

Purchase Order History Inquiry

Purchase Order # : 381815 **Purchase Order Date:** 6/17/2009 **Purchase Order Status:** Open

VENDOR INFORMATION

Vendor # : 011526 **Vendor Name & Address:** ZIPP INC.
DBA PRESTIGE HAND CAR WASH & DETAIL
524 N MILPAS

SANTA BARBARA CA 93103

Remit # : **Remit Name :**

P.O. INFORMATION

Req # :	452103050	**PO Type:**	B - Blanket	**Revision:**	A	**Contract # :**	000000
PO Amt:	$6,500.00	**Freight:**	$0.00	**Tax:**	$0.00	**FOB:**	DES
Buyer:	GREGORY CORRAL	**Terms:**	NET 30	**Delivery Dept:**	4521 - PW-ICS MOTOR POOL		
Renew:	N	**In Lieu:**		**Due:**		**No. of Paymnts:**	9
Stop Amt:	$0.00	**Qty Chg:**	$0.00	**Authorization:**	$0.00	**Chg Ord. Amt:**	$0.00

Backup Received Date: **Ind Con Flag:** **Start Date:** **Expire Date:**

G/L INFORMATION

G/L	CHG AUTHORITY	AMOUNT	RETAINED AMOUNT	ENCUMBRANCE	PAID-TO-DATE
513-4521-52440-000000		$6,500.00	$0.00	$1,318.25	$5,181.75
Total:		$6,500.00	$0.00	$1,318.25	$5,181.75

LINE ITEM INFORMATION

CMMDTY	STOCK #	DESCRIPTION	QTY	UNTS	PRICE	TOTAL	TAX	GRAND TOTAL
00000	0000000000	CAR WASHING / CLEANING SERVICES	1	EA	$5,000.00	$5,000.00	$0.00	$5,000.00
00000	0000000000	INCREASE PURCHASE ORDER AMOUNT	1	LOT	$1,500.00	$1,500.00	$0.00	$1,500.00
		Total:				$6,500.00	$0.00	$6,500.00

DESCRIPTION

THE CITY OF SANTA BARBARA
Centralized Reporting Information System

2/22/2010 7:42:42 AM

Purchase Order History Inquiry

Purchase Order # : 382137 **Purchase Order Date:** 6/19/2009 **Purchase Order Status:** Open

VENDOR INFORMATION

Vendor # : 003277 **Vendor Name & Address:** VENCO POWER SWEEPING, INC

2400 EASTMAN AVENUE

OXNARD CA 93030

Remit # : **Remit Name :**

P.O. INFORMATION

Req # :	433101232	**PO Type:**	B - Blanket	**Revision:**	B	**Contract # :**	000000
PO Amt:	$15,000.00	**Freight:**	$0.00	**Tax:**	$0.00	**FOB:**	DES
Buyer:	GREGORY CORRAL	**Terms:**	NET 30	**Delivery Dept:**	4315 - PW-DOWNTOWN PARKING		
Renew:	N	**In Lieu:**		**Due:**		**No. of Paymnts:**	7
Stop Amt:	$0.00	**Qty Chg:**	$0.00	**Authorization:**	$0.00	**Chg Ord. Amt:**	$0.00

Backup Received Date: **Ind Con Flag:** **Start Date:** **Expire Date:**

G/L INFORMATION

G/L	CHG AUTHORITY	AMOUNT	RETAINED AMOUNT	ENCUMBRANCE	PAID-TO-DATE
432-4315-57510-008488		$1,250.00	$0.00	$0.00	$1,250.00
432-4319-57510-008488		$0.00	$0.00	$0.00	$0.00
311-2611-57510-008488		$13,750.00	$0.00	$6,562.50	$7,187.50
Total:		$15,000.00	$0.00	$6,562.50	$8,437.50

LINE ITEM INFORMATION

CMMDTY	STOCK #	DESCRIPTION	QTY	UNTS	PRICE	TOTAL	TAX	GRAND TOTAL
00000	0000000000	SWEEPING OF LOTS	1	JOB	$15,000.00	$15,000.00	$0.00	$15,000.00
		Total:				$15,000.00	$0.00	$15,000.00

DESCRIPTION

Purchase Order History Inquiry

SWEEPING OF LOTS $15,000 VENCO WESTERN ********* 8/26/09 CHANGE ORDER TO CORRECT GL INFO GC ********* 8/19/09 CHANGE ORDER TO CORRECT GL INFO GC IN ACCORDANCE WITH THE CITY'S PURCHASING CODE, SECTION: 4.52.040, IT SHALL BE THE DEPARTMENT'S RESPONSIBILITY TO ATTEMPT TO OBTAIN AT LEAST THREE (3) QUOTES WHEN THE ESTIMATED AMOUNT IS EXPECTED TO EXCEED $2,500.00. ANNUAL PURCHASE ORDER IS FOR FISCAL YEAR 2010 (JULY 1, 2009 THRU JUNE 30, 2010), WITH AN OPTION TO RENEW FOR ONE (1) ADDITIONAL FISCAL YEAR. IF RENEWED, VENDOR WILL BE ADVISED BY NEW PURCHASE ORDER ON OR ABOUT JUNE 30, 2010. SERVICES & OR LABOR: VENDOR SHALL FURNISH TO THE CITY OF SANTA BARBARA (PUBLIC WORKS DOWNTOWN PARKING), SERVICES & OR LABOR AT THE RATES STATED IN THEIR QUOTE, BID OR PROPOSAL. THEY ARE INCORPORATED BY REFERENCE AND MADE A PART OF THIS PURCHASE ORDER AND SHALL BE MAINTAINED ON FILE. NO CHANGES SHALL BE MADE WITHOUT PRIOR WRITTEN APPROVAL FROM THE CITY'S PURCHASING OFFICE. IT SHALL BE THE SERVICE CONTRACTOR'S OR VENDOR'S RESPONSIBILITY TO DETERMINE IF THE CITY'S LIVING WAGE ORDINANCE APPLIES TO ITS PURCHASE ORDER CONTRACTS WITH THE CITY AND, IF SO, TO COMPLY WITH THE REQUIREMENTS OF THAT ORDINANCE AND ITS IMPLEMENTING REGULATIONS. INFORMATION AND FORMS CAN BE FOUND ON THE FOLLOWING WEBSITE: WWW.SANTABARBARACA.GOV/ BUSINESS/PURCHASING/GENERAL_SERVICES/ PREVAILING WAGES: THE PROVISIONS OF ARTICLE 2 AND 3, DIVISION 2, PART 7, CHAPTER 1 OF THE LABOR CODE, STATE OF CALIFORNIA, ARE MADE BY THIS REFERENCE A PART OF THIS PURCHASE ORDER. ON ANY INDIVIDUAL JOB THAT EXCEEDS $1,000.00, VENDOR MUST PAY THE PREVAILING WAGE AS REQUIRED BY THE STATE LABOR CODE. CERTIFIED PAYROLL IS REQUIRED AND COPIES MAY BE REQUESTED. CONTRACTOR'S LICENSE #:_____ CONTRACTOR MUST CURRENTLY POSSESS A VALID CALIFORNIA CONTRACTOR'S LICENSE OF THE CLASSIFICATION APPROPRIATE FOR THE TYPE OF WORK PROVIDED. INSURANCE REQUIREMENTS: VENDOR SHALL PROVIDE THE USING CITY DEPARTMENT A CURRENT CERTIFICATE OF INSURANCE MEETING THE CITY'S MINIMUM STANDARD OF $1,000,000.00 FOR GENERAL LIABILITY, WORKERS COMPENSATION & AUTOMOBILE. CERTIFICATE OF INSURANCE SHALL NAME THE CITY AS ADDITIONAL INSURED. VENDOR SHALL MAINTAIN THE REQUIRED INSURANCE CURRENT AND IN FULL FORCE DURING THE LIFE OF THE PURCHASE ORDER. VENDOR SHALL INFORM THE USING DEPARTMENT WITH ANY AND ALL RENEWALS AND CHANGES. AMERICANS WITH DISABILITIES ACT (ADA) REQUIREMENTS. IF THIS SOLICITATION CONTEMPLATES THE PROVISION OF SERVICES TO THE PUBLIC, VENDOR SHALL, IN ADDITION TO ANY OTHER REQUIREMENTS UNDER ADA, COMPLY WITH THE TITLE II REQUIREMENTS OF THE ADA REGARDING THE ACCESSIBILITY OF CITY SERVICES AND PROGRAMS, AS AN EXPLICIT REQUIREMENT. VENDOR ASSURES THAT, AT ALL TIMES DURING THE PERFORMANCE OF ANY RESULTING PURCHASE ORDER, NO QUALIFIED INDIVIDUAL WITH A DISABILITY SHALL, BY REASON OF THAT DISABILITY, BE EXCLUDED FROM PARTICIPATION IN, OR BE DENIED BENEFITS OF, SERVICES, PROGRAMS, OR ACTIVITIES PERFORMED BY VENDOR FOR THE BENEFIT OF THE CITY. NOTICE TO VENDOR: 1. VENDOR SHALL OBTAIN FROM THE EMPLOYEE PLACING THE ORDER, THEIR FULL NAME AND THE NAME OF THEIR DEPARTMENT. ILLEGIBLE NAMES OR SIGNATURES MAY DELAY OR NEGATE PAYMENT. NO PAYMENTS WILL BE MADE WITHOUT VENDOR'S PROOF OF ORDER PLACED BY AN AUTHORIZED CITY EMPLOYEE. 2. THE CITY RESERVES THE RIGHT TO CANCEL OR CLOSE THIS PURCHASE ORDER AT ANY TIME WITH OR WITHOUT CAUSE. SEE THE REVERSE SIDE OF THIS PURCHASE ORDER AND ATTACHMENTS FOR ALL TERMS AND CONDITIONS. 3. THE CITY RESERVES THE RIGHT TO REVISE THIS PURCHASE ORDER AT ANY TIME. VENDOR SHALL BE NOTIFIED OF CHANGES IN WRITING USING THE CITY'S STANDARD PURCHASE ORDER FORM. 4. NO SPECIFIC LEVEL OR USAGE IS IMPLIED OR GUARANTEED WITH THIS PURCHASE ORDER. 5. IF TAX, FREIGHT AND/OR HANDLING CHARGES ARE ALLOWED BY THE CITY, THE VENDOR SHALL PRE-PAY THE CHARGES, IDENTIFY THEM AND ADD THEM TO THE INVOICE. 6. ANY QUESTIONS SHOULD BE DIRECTED TO THE CITY'S PURCHASING OFFICE AT (805) 564-5349. SEND INVOICES TO: CITY OF SANTA BARBARA DOWNTOWN PARKING ATTN: MIRASOL 1221 ANACAPA STREET SANTA BARBARA, CA 93101

THE CITY OF SANTA BARBARA
Centralized Reporting Information System

2/22/2010 7:44:42 AM

Purchase Order History Inquiry

Purchase Order # : 382164 **Purchase Order Date:** 6/19/2009 **Purchase Order Status:** Open

VENDOR INFORMATION

Vendor # : 042265 **Vendor Name & Address:** EVERSHADE LLC

POWERWASHING/STEAMCLEANING
P.O. BOX 1334
SANTA BARBARA CA 93102

Remit # : **Remit Name :**

P.O. INFORMATION

Req # :	433101868	**PO Type:**	B - Blanket	**Revision:**	B	**Contract # :**	000000
PO Amt:	$6,000.00	**Freight:**	$0.00	**Tax:**	$0.00	**FOB:**	DES
Buyer:	GREGORY CORRAL	**Terms:**	NET 30	**Delivery Dept:**	4315 - PW-DOWNTOWN PARKING		
Renew:		**In Lieu:**		**Due:**		**No. of Paymnts:**	8
Stop Amt:	$0.00	**Qty Chg:**	$0.00	**Authorization:**	$0.00	**Chg Ord. Amt:**	$0.00

Backup Received Date: **Ind Con Flag:** **Start Date:** **Expire Date:**

G/L INFORMATION

G/L	CHG AUTHORITY	AMOUNT	RETAINED AMOUNT	ENCUMBRANCE	PAID-TO-DATE
432-4319-57510-008488		$1,350.00	$0.00	$0.00	$1,350.00
311-2611-57510-008488		$4,650.00	$0.00	$2,400.00	$2,250.00
Total:		$6,000.00	$0.00	$2,400.00	$3,600.00

LINE ITEM INFORMATION

CMMDTY	STOCK #	DESCRIPTION	QTY	UNTS	PRICE	TOTAL	TAX	GRAND TOTAL
00000	0000000000	CLEANING OF THE REFUSE ENCLOSURES	1	JOB	$6,000.00	$6,000.00	$0.00	$6,000.00
		Total:				$6,000.00	$0.00	$6,000.00

DESCRIPTION

THE CITY OF SANTA BARBARA

Centralized Reporting Information System

2/22/2010 7:44:42 AM

Purchase Order History Inquiry

ANNUAL CONTRACT FOR CLEANING THE REFUSE ENCLOSURES ********* 9/09/09 CHANGE ORDER TO CORRECT GL INFO GC ********* 8/19/09 CHANGE ORDER TO CORRECT GL INFO GC ANNUAL PURCHASE ORDER IS FOR FISCAL YEAR 2010 (JULY 1, 2009 THRU JUNE 30, 2010), WITH AN OPTION TO RENEW FOR ONE (1) ADDITIONAL FISCAL YEAR. IF RENEWED, VENDOR WILL BE ADVISED BY NEW PURCHASE ORDER ON OR ABOUT JUNE 30, 2010. IN ACCORDANCE WITH THE CITY'S PURCHASING CODE, SECTION: 4.52.040, IT SHALL BE THE DEPARTMENT'S RESPONSIBILITY TO ATTEMPT TO OBTAIN AT LEAST THREE (3) QUOTES WHEN THE ESTIMATED AMOUNT IS EXPECTED TO EXCEED $2,500.00. SERVICES & OR LABOR: VENDOR SHALL FURNISH TO THE CITY OF SANTA BARBARA (PUBLIC WORKS DOWNTOWN PARKING), SERVICES & OR LABOR AT THE RATES STATED IN THEIR QUOTE, BID OR PROPOSAL. THEY ARE INCORPORATED BY REFERENCE AND MADE A PART OF THIS PURCHASE ORDER AND SHALL BE MAINTAINED ON FILE. NO CHANGES SHALL BE MADE WITHOUT PRIOR WRITTEN APPROVAL FROM THE CITY'S PURCHASING OFFICE. INSURANCE REQUIREMENTS: VENDOR SHALL PROVIDE THE USING CITY DEPARTMENT A CURRENT CERTIFICATE OF INSURANCE MEETING THE CITY'S MINIMUM STANDARD OF $1,000,000.00 FOR GENERAL LIABILITY, WORKERS COMPENSATION & AUTOMOBILE. CERTIFICATE OF INSURANCE SHALL NAME THE CITY AS ADDITIONAL INSURED. VENDOR SHALL MAINTAIN THE REQUIRED INSURANCE CURRENT AND IN FULL FORCE DURING THE LIFE OF THE PURCHASE ORDER. VENDOR SHALL INFORM THE USING DEPARTMENT WITH ANY AND ALL RENEWALS AND CHANGES. AMERICANS WITH DISABILITIES ACT (ADA) REQUIREMENTS. IF THIS SOLICITATION CONTEMPLATES THE PROVISION OF SERVICES TO THE PUBLIC, VENDOR SHALL, IN ADDITION TO ANY OTHER REQUIREMENTS UNDER ADA, COMPLY WITH THE TITLE II REQUIREMENTS OF THE ADA REGARDING THE ACCESSIBILITY OF CITY SERVICES AND PROGRAMS, AS AN EXPLICIT REQUIREMENT. VENDOR ASSURES THAT, AT ALL TIMES DURING THE PERFORMANCE OF ANY RESULTING PURCHASE ORDER, NO QUALIFIED INDIVIDUAL WITH A DISABILITY SHALL, BY REASON OF THAT DISABILITY, BE EXCLUDED FROM PARTICIPATION IN, OR BE DENIED BENEFITS OF, SERVICES, PROGRAMS, OR ACTIVITIES PERFORMED BY VENDOR FOR THE BENEFIT OF THE CITY. NOTICE TO VENDOR: 1. VENDOR SHALL OBTAIN FROM THE EMPLOYEE PLACING THE ORDER, THEIR FULL NAME AND THE NAME OF THEIR DEPARTMENT. ILLEGIBLE NAMES OR SIGNATURES MAY DELAY OR NEGATE PAYMENT. NO PAYMENTS WILL BE MADE WITHOUT VENDOR'S PROOF OF ORDER PLACED BY AN AUTHORIZED CITY EMPLOYEE. 2. THE CITY RESERVES THE RIGHT TO CANCEL OR CLOSE THIS PURCHASE ORDER AT ANY TIME WITH OR WITHOUT CAUSE. SEE THE REVERSE SIDE OF THIS PURCHASE ORDER AND ATTACHMENTS FOR ALL TERMS AND CONDITIONS. 3. THE CITY RESERVES THE RIGHT TO REVISE THIS PURCHASE ORDER AT ANY TIME. VENDOR SHALL BE NOTIFIED OF CHANGES IN WRITING USING THE CITY'S STANDARD PURCHASE ORDER FORM. 4. NO SPECIFIC LEVEL OR USAGE IS IMPLIED OR GUARANTEED WITH THIS PURCHASE ORDER. 5. IF TAX, FREIGHT AND/OR HANDLING CHARGES ARE ALLOWED BY THE CITY, THE VENDOR SHALL PRE-PAY THE CHARGES, IDENTIFY THEM AND ADD THEM TO THE INVOICE. 6. ANY QUESTIONS SHOULD BE DIRECTED TO THE CITY'S PURCHASING OFFICE AT (805) 564-5349. SEND INVOICES TO: DOWNTOWN PARKING ATTN: MIRASOL 1221 ANACAPA STREET SANTA BARBARA, CA 93101

BMP
6.16

THE CITY OF SANTA BARBARA
Centralized Reporting Information System

4/30/2009 11:41:31 AM

Purchase Order History Inquiry

Purchase Order # : 380029 **Purchase Order Date:** 7/6/2008 **Purchase Order Status:** Open

VENDOR INFORMATION

Vendor # : 003277 **Vendor Name & Address:** VENCO POWER SWEEPING, INC

2400 EASTMAN AVENUE

OXNARD CA 93030

Remit # : **Remit Name :**

P.O. INFORMATION

Req # : 433091232 **PO Type:** B - Blanket **Revision:** A **Contract # :** 000000

PO Amt: $15,000.00 **Freight:** $0.00 **Tax:** $0.00 **FOB:** DES

Buyer: GREGORY CORRAL **Terms:** NET 30 **Delivery Dept:** 4315 - PW-DOWNTOWN PARKING

Renew: N **In Lieu:** **Due:** **No. of Paymnts:** 7

Stop Amt: $0.00 **Qty Chg:** $0.00 **Authorization:** $0.00 **Chg Ord. Amt:** $0.00

Backup Received Date: 7/1/2008 12:00:00 AM **Ind Con Flag:** **Start Date:** **Expire Date:**

G/L INFORMATION

G/L	CHG AUTHORITY	AMOUNT	RETAINED AMOUNT	ENCUMBRANCE	PAID-TO-DATE
431-4315-57510-008488		$11,250.00	$0.00	$0.00	$11,250.00
432-4315-57510-008488		$3,750.00	$0.00	$3,750.00	$0.00

LINE ITEM INFORMATION

CMMDTY	STOCK #	DESCRIPTION	QTY	UNTS	PRICE	TOTAL	TAX	GRAND TOTAL
00000	0000000000	SWEEPING OF LOTS	1	JOB	$15,000.00	$15,000.00	$0.00	$15,000.00

DESCRIPTION

Purchase Order History Inquiry

SWEEPING OF LOTS $15,000 VENCO WESTERN ********* 4/10/09 CHANGE ORDER TO CORRECT GL INFO GC THIS BLANKET PURCHASE ORDER IS FOR FISCAL YEAR 2009 (JULY 1, 2008 THRU JUNE 30, 2009), WITH THE OPTION TO RENEW FOR ONE (1) ADDITIONAL FISCAL YEAR. (JULY 1, 2009 THROUGH JUNE 30, 2010). IF RENEWED, VENDOR WILL BE ADVISED BY POST CARD ON OR ABOUT JUNE 30,2009. IN ACCORDANCE WITH THE CITY'S PURCHASING CODE, SECTION: 4.52.040, IT SHALL BE THE DEPARTMENT'S RESPONSIBILITY TO ATTEMPT TO OBTAIN AT LEAST THREE (3) QUOTES WHEN THE ESTIMATED AMOUNT IS EXPECTED TO EXCEED $2,500.00. SERVICES & OR LABOR: VENDOR SHALL FURNISH TO THE CITY OF SANTA BARBARA PARKING, SERVICES & OR LABOR AT THE RATES STATED IN THEIR QUOTE, BID OR PROPOSAL. THE RATES STATED IN THE VENDOR'S QUOTE, BID OR PROPOSAL ARE INCORPORATED BY REFERENCE AND MADE A PART OF THIS PO. THE RATES, QUOTE, BID, FEE SCHEDULE OR PROPOSAL SHALL BE MAINTAINED ON FILE IN BOTH THE USING DEPARTMENT AND PURCHASING OFFICE. NO CHANGES SHALL BE MADE TO THESE RATES, FEE SCHEDULE OR PROPOSAL WITHOUT PRIOR WRITTEN APPROVAL FROM THE CITY'S PURCHASING OFFICE. IT SHALL BE THE SERVICE CONTRACTOR'S OR VENDOR'S RESPONSIBILITY TO DETERMINE IF THE CITY'S LIVING WAGE ORDINANCE APPLIES TO ITS PURCHASE ORDER CONTRACTS WITH THE CITY AND, IF SO, TO COMPLY WITH THE REQUIREMENTS OF THAT ORDINANCE AND ITS IMPLEMENTING REGULATIONS. INFORMATION AND FORMS CAN BE FOUND ON THE FOLLOWING WEBSITE: WWW.SANTABARBARACA.GOV/BUSINESS /PURCHASING/GENERAL_SERVICES/ INSURANCE REQUIREMENTS: VENDOR SHALL PROVIDE THE USING CITY DEPARTMENT A CURRENT CERTIFICATE OF INSURANCE MEETING THE CITY'S MINIMUM STANDARD OF $1,000,000.00 FOR GENERAL LIABILITY, WORKERS COMPENSATION & AUTOMOBILE. CERTIFICATE OF INSURANCE SHALL NAME THE CITY AS ADDITIONAL INSURED. VENDOR SHALL MAINTAIN THE REQUIRED INSURANCE CURRENT AND IN FULL FORCE DURING THE LIFE OF THE PURCHASE ORDER. VENDOR SHALL INFORM THE USING DEPARTMENT WITH ANY AND ALL RENEWALS AND CHANGES. AMERICANS WITH DISABILITIES ACT (ADA) REQUIREMENTS. IF THIS SOLICITATION CONTEMPLATES THE PROVISION OF SERVICES TO THE PUBLIC, VENDOR SHALL, IN ADDITION TO ANY OTHER REQUIREMENTS UNDER ADA, COMPLY WITH THE TITLE II REQUIREMENTS OF THE ADA REGARDING THE ACCESSIBILITY OF CITY SERVICES AND PROGRAMS, AS AN EXPLICIT REQUIREMENT. VENDOR ASSURES THAT, AT ALL TIMES DURING THE PERFORMANCE OF ANY RESULTING PURCHASE ORDER, NO QUALIFIED INDIVIDUAL WITH A DISABILITY SHALL, BY REASON OF THAT DISABILITY, BE EXCLUDED FROM PARTICIPATION IN, OR BE DENIED BENEFITS OF, SERVICES, PROGRAMS, OR ACTIVITIES PERFORMED BY VENDOR FOR THE BENEFIT OF THE CITY. NOTICE TO VENDOR: 1. VENDOR SHALL OBTAIN FROM THE EMPLOYEE PLACING THE ORDER, THEIR FULL NAME AND THE NAME OF THEIR DEPARTMENT. ILLEGIBLE NAMES OR SIGNATURES MAY DELAY OR NEGATE PAYMENT. NO PAYMENTS WILL BE MADE WITHOUT VENDOR'S PROOF OF ORDER PLACED BY AN AUTHORIZED CITY EMPLOYEE. 2. SERVICE AND/OR LABOR VENDORS: ON EACH JOB EXCEEDING $1,000, VENDOR SHALL COMPLY WITH THE STATE OF CA. LABOR CODE REQUIREMENTS AND PAY PREVAILING WAGE. CERTIFIED PAYROLL IS REQUIRED, COPIES MAY BE REQUESTED. 3. SERVICE AND/OR LABOR VENDORS SHALL PROVIDE CITY DEPARTMENT, DIVISION OR SECTION, A CURRENT CERTIFICATE OF INSURANCE MEETING THE CITY'S MINIMUM STANDARD OF $1,000,000. FOR GENERAL LIABILITY, WORKERS COMPENSATION, AND AUTO. VENDOR SHALL COPY CITY DEPT, DIV, OR SECTION WITH ANY AND ALL RENEWALS AND CHANGES TO THEIR INSURANCE. 4. THE CITY RESERVES THE RIGHT TO CANCEL OR CLOSE THIS PURCHASE ORDER AT ANY TIME WITH OR WITHOUT CAUSE PER THE TERMS AND CONDITIONS. 5. THE CITY RESERVES THE RIGHT TO REVISE THIS PURCHASE ORDER AT ANY TIME. VENDOR SHALL BE NOTIFIED OF CHANGES. ALL CHANGES SHALL BE MADE IN WRITING USING THE CITY'S STANDARD PURCHASE ORDER FORM. 6. NO SPECIFIC LEVEL OR USAGE IS IMPLIED OR GUARANTEED WITH THIS PURCHASE ORDER. 7. IF TAX, FREIGHT AND/OR HANDLING CHARGES ARE ALLOWED BY THE CITY, THE VENDOR SHALL PRE-PAY THE CHARGES, IDENTIFY THEM AND ADD THEM TO THE INVOICE. 8. SEE THE REVERSE SIDE OF THIS PURCHASE ORDER AND ALL ATTACHMENTS FOR ADDITIONAL TERMS & CONDITIONS. 9. ANY QUESTIONS REGARDING THE TERMS & CONDITIONS SHOULD BE DIRECTED TO THE CITY'S PURCHASING OFFICE AT (805) 564-5349. SEND INVOICES TO: CITY OF SANTA BARBARA DOWNTOWN PARKING ATTN: MIRASOL 1221 ANACAPA STREET SANTA BARBARA, CA 93101

BMP E-19

THE CITY OF SANTA BARBARA
Centralized Reporting Information System

4/30/2009 11:43:22 AM

Purchase Order History Inquiry

Purchase Order # : 380713 **Purchase Order Date:** 9/16/2008 **Purchase Order Status:** Open

VENDOR INFORMATION

Vendor # : 042265 **Vendor Name & Address:** EVERSHADE LLC

POWERWASHING/STEAMCLEANING
P.O. BOX 1334
SANTA BARBARA CA 93102

Remit # : **Remit Name :**

P.O. INFORMATION

Req # :	433091868	**PO Type:**	B - Blanket	**Revision:**	A	**Contract # :**	000000
PO Amt:	$6,000.00	**Freight:**	$0.00	**Tax:**	$0.00	**FOB:**	DES
Buyer:	GREGORY CORRAL	**Terms:**	NET 30	**Delivery Dept:**	4315 - PW-DOWNTOWN PARKING		
Renew:		**In Lieu:**		**Due:**		**No. of Paymnts:**	8
Stop Amt:	$0.00	**Qty Chg:**	$0.00	**Authorization:**	$0.00	**Chg Ord. Amt:**	$0.00

Backup Received Date: 9/15/2008 12:00:00 AM **Ind Con Flag:** **Start Date:** **Expire Date:**

G/L INFORMATION

G/L	CHG AUTHORITY	AMOUNT	RETAINED AMOUNT	ENCUMBRANCE	PAID-TO-DATE
431-4315-57510-008488		$3,150.00	$0.00	$0.00	$3,150.00
432-4315-57510-008488		$2,850.00	$0.00	$2,400.00	$450.00

LINE ITEM INFORMATION

CMMDTY	STOCK #	DESCRIPTION	QTY	UNTS	PRICE	TOTAL	TAX	GRAND TOTAL
00000	0000000000	CLEANING OF THE REFUSE ENCLOSURES	1	LOT	$6,000.00	$6,000.00	$0.00	$6,000.00

DESCRIPTION

THE CITY OF SANTA BARBARA

Centralized Reporting Information System

4/30/2009 11:43:22 AM

Purchase Order History Inquiry

ANNUAL CONTRACT FOR CLEANING THE REFUSE ENCLOSURES ON MONTHLY BASIS ********* 4/10/09 CHANGE ORDER TO CORRECT GL INFO GC PARKING LOT #8,9,10, 11 & 13 ANNUAL PURCHASE ORDER IS FOR FISCAL YEAR 2009 (JULY 1, 2008 THRU JUNE 30, 2009), WITH AN OPTION TO RENEW FOR ONE (1) ADDITIONAL FISCAL YEAR. IF RENEWED, VENDOR WILL BE ADVISED BY NEW PURCHASE ORDER ON OR ABOUT JUNE 30, 2009. SERVICES & OR LABOR: VENDOR SHALL FURNISH TO THE CITY OF SANTA BARBARA PUBLIC WORKS, DOWNTOWN PARKING, SERVICES & OR LABOR AT THE RATES STATED IN THEIR QUOTE, BID OR PROPOSAL. THE RATES STATED IN THE VENDOR'S QUOTE, BID OR PROPOSAL ARE INCORPORATED BY REFERENCE AND MADE A PART OF THIS PO. THE RATES, QUOTE, BID, FEE SCHEDULE OR PROPOSAL SHALL BE MAINTAINED ON FILE IN BOTH THE USING DEPARTMENT AND PURCHASING OFFICE. NO CHANGES SHALL BE MADE TO THESE RATES, FEE SCHEDULE OR PROPOSAL WITHOUT PRIOR WRITTEN APPROVAL FROM THE CITY'S PURCHASING OFFICE. IT SHALL BE THE SERVICE CONTRACTOR'S OR VENDOR'S RESPONSIBILITY TO DETERMINE IF THE CITY'S LIVING WAGE ORDINANCE APPLIES TO ITS PURCHASE ORDER CONTRACTS WITH THE CITY AND, IF SO, TO COMPLY WITH THE REQUIREMENTS OF THAT ORDINANCE AND ITS IMPLEMENTING REGULATIONS. INFORMATION AND FORMS CAN BE FOUND ON THE FOLLOWING WEBSITE: WWW.SANTABARBARACA.GOV/ BUSINESS/PURCHASING/GENERAL_SERVICES/ PREVAILING WAGES: THE PROVISIONS OF ARTICLE 2 AND 3, DIVISION 2, PART 7, CHAPTER 1 OF THE LABOR CODE, STATE OF CALIFORNIA, ARE MADE BY THIS REFERENCE A PART OF THIS PURCHASE ORDER. ON ANY INDIVIDUAL JOB THAT EXCEEDS $1,000.00, VENDOR MUST PAY THE PREVAILING WAGE AS REQUIRED BY THE STATE LABOR CODE. CERTIFIED PAYROLL IS REQUIRED AND COPIES MAY BE REQUESTED. CONTRACTOR'S LICENSE #:_____ CONTRACTOR MUST CURRENTLY POSSESS A VALID CALIFORNIA CONTRACTOR'S LICENSE OF THE CLASSIFICATION APPROPRIATE FOR THE TYPE OF WORK PROVIDED. INSURANCE REQUIREMENTS: VENDOR SHALL PROVIDE THE USING CITY DEPARTMENT A CURRENT CERTIFICATE OF INSURANCE MEETING THE CITY'S MINIMUM STANDARD OF $1,000,000.00 FOR GENERAL LIABILITY, WORKERS COMPENSATION & AUTOMOBILE. CERTIFICATE OF INSURANCE SHALL NAME THE CITY AS ADDITIONAL INSURED. VENDOR SHALL MAINTAIN THE REQUIRED INSURANCE CURRENT AND IN FULL FORCE DURING THE LIFE OF THE PURCHASE ORDER. VENDOR SHALL INFORM THE USING DEPARTMENT WITH ANY AND ALL RENEWALS AND CHANGES. AMERICANS WITH DISABILITIES ACT (ADA) REQUIREMENTS. IF THIS SOLICITATION CONTEMPLATES THE PROVISION OF SERVICES TO THE PUBLIC, VENDOR SHALL, IN ADDITION TO ANY OTHER REQUIREMENTS UNDER ADA, COMPLY WITH THE TITLE II REQUIREMENTS OF THE ADA REGARDING THE ACCESSIBILITY OF CITY SERVICES AND PROGRAMS, AS AN EXPLICIT REQUIREMENT. VENDOR ASSURES THAT, AT ALL TIMES DURING THE PERFORMANCE OF ANY RESULTING PURCHASE ORDER, NO QUALIFIED INDIVIDUAL WITH A DISABILITY SHALL, BY REASON OF THAT DISABILITY, BE EXCLUDED FROM PARTICIPATION IN, OR BE DENIED BENEFITS OF, SERVICES, PROGRAMS, OR ACTIVITIES PERFORMED BY VENDOR FOR THE BENEFIT OF THE CITY. NOTICE TO VENDOR: 1. VENDOR SHALL OBTAIN FROM THE EMPLOYEE PLACING THE ORDER, THEIR FULL NAME AND THE NAME OF THEIR DEPARTMENT. ILLEGIBLE NAMES OR SIGNATURES MAY DELAY OR NEGATE PAYMENT. NO PAYMENTS WILL BE MADE WITHOUT VENDOR'S PROOF OF ORDER PLACED BY AN AUTHORIZED CITY EMPLOYEE. 2. THE CITY RESERVES THE RIGHT TO CANCEL OR CLOSE THIS PURCHASE ORDER AT ANY TIME WITH OR WITHOUT CAUSE PER THE TERMS AND CONDITIONS. 3. THE CITY RESERVES THE RIGHT TO REVISE THIS PURCHASE ORDER AT ANY TIME. VENDOR SHALL BE NOTIFIED OF CHANGES. ALL CHANGES SHALL BE MADE IN WRITING USING THE CITY'S STANDARD PURCHASE ORDER FORM. 4. NO SPECIFIC LEVEL OR USAGE IS IMPLIED OR GUARANTEED WITH THIS PURCHASE ORDER. 5. IF TAX, FREIGHT AND/OR HANDLING CHARGES ARE ALLOWED BY THE CITY, THE VENDOR SHALL PRE-PAY THE CHARGES, IDENTIFY THEM AND ADD THEM TO THE INVOICE. 6. SEE THE REVERSE SIDE OF THIS PURCHASE ORDER AND ALL ATTACHMENTS FOR ADDITIONAL TERMS & CONDITIONS. 7. ANY QUESTIONS REGARDING THE TERMS & CONDITIONS SHOULD BE DIRECTED TO THE CITY'S PURCHASING OFFICE AT (805) 564-5349. SEND INVOICES TO: DOWNTOWN PARKING ATTN: MIRASOL 1221 ANACAPA STREET SANTA BARBARA, CA 93101

Daily Lot Maintenance Log

Date: 3-28-09 Lot No. #10 Name: STEVE PERRY

SAT: HOT - SUNNY -

Lot Condition (i.e. Graffiti, trash, and vandalism)
SOME GRAFFITI - LITE TRASH ALL LEVELS - MINOR VANDALISM -

Time	
Start: 615	Finish: 730

Clean up done - PICK UP ALL LEVELS - LITE - NO BROKEN GLASS / NO FOOD SPILLS - CHECK BALCONEYS, ALL CLEAR. CHANGE TWO INSIDE (INSIDE THE LOT) TRASH CANS - STAGE FOR PICK UP CREW. OPEN REST ROOM, LITE CLEANING, UNTIL THOMAS ARRIVED.

General Condition of stairs & elevators
ELEVATORS - GOOD - STAIRS NEED ATTENTION - TWO STAIRWAYS HAD TO BE HOSED DOWN.

Time	
Start: 730	Finish: 900

Clean up done PICK UP (LITE TRASH FROM BOTH ELEVATORS) SWEEP AND SPOT MOP BOTH ELEVATORS HOSED DOWN BACK STEPS TO PASEO, FROM ROOF LEVEL DOWN TO PASEO, ALSO HOSED DOWN SHORT STEPS TO ANACAPA ST. FROM EAST SIDE OF BUILDING (ABOVE KIOSK AT ANACAPA ST. ENTRANCE.) BROOM SWEPT THOROUGHLY ORTEGA STAIRWAY. AND ALSO N/W CORNER STAIRWELL FROM ROOF LEVEL DOWN TO ANACAPA ST. SIDEWALK.

Fluid spills (i.e. water, oil and other)
OIL AND WATER

Time	
Start: 630	Finish: 700

Clean up done WATER IN FRONT OF REST ROOM AND AT BOTTOM OF ORTEGA STAIRWELL - MOP'D BOTH OF THESE AREAS AND PUT OUT CONE UNTIL AREA WAS DRY. B LEVEL OIL SPILL, SMALL AMOUNT FROM AUTO CRANKCASE, USED GATOR GRABBER TO SOAK UP OIL THEN SWEEP UP.

Landscaping, walkways, paseos

ALL LANDSCAPING WALKWAYS, AND PASEOS NEED SOME TO SOMEWHAT

Time
Start: 8:30 Finish: 11:00

Clean up done CHANGE ALL SEVEN (7) OUTSIDE TRASH CANS - HOSE OUT. ONE INNER LINER. PICK UP ALL WALKWAYS, RAKE OUT TRASH FROM PLANTER BEDS, CLEAN AROUND PORTA RESTROOMS. PICK UP LONG DRIVE WAY. CLEAN AROUND BOTH KIOSKS SWEEP BUS STOP.

Safety: Lighting, trip hazards, fireboxes, Wheel stops DID NOT CHECK LIGHTS SEEMD ALL OK. ALL FIRE BOXES UP - ALL FIRE EXTINGUISHER GAUGES READING READY

Time
CHECK ALL TOUR Start: 6:15 Finish: 11:00

Clean up done ONLY SLIP HAZARD WAS OIL SPILL AND THIS WAS CLEANED UP WITH THE GATOR GRABBER

Sweeper, Steam Cleaning

— NO SWEEPER TODAY, NO STEAM CLEANING TODAY. —

Time
Start: — Finish: —

Special Comments

SOME GRAFFITI IN ORTEGA STAIRWELL IS UP TO HIGH ON WALL TO REACH.

CITY OF SANTA BARBARA

DIRECT DISCHARGE PERMIT

In accordance with the provisions of Santa Barbara Municipal Code Title 16 section 08.020, is hereby authorized to discharge wastewater from its mobile washing operation, into the city of Santa Barbara sewer system.

1) Downtown Parking City of Santa Barbara
PERMITTEE NAME

2) 07-041H October 30, 2012
PERMIT NUMBER & EXPIRATION DATE

3) Downtown Parking City of Santa Barbara **1115 Anacapa Street Santa Barbara, CA 93101**
MAILING ADDRESS

Waste Acceptance Agreement

During the period of this permit the permittee is authorized to discharge processed wastewater from the cleaning of oily spots in parking lots, driveways, sidewalks and streets only to the City of Santa Barbara sewer system. All discharges shall be within the Local Santa Barbara Municipal Code Title 16, State Title 22 and Federal 40 CFR limits.

Reporting Requirements

The Permittee shall retain copies of manifest 'for every load discharged to City's public owned treatment works and shall submit them upon request. The manifest shall include the following information:

1. Volume of wastewater from each location serviced.
2. Description of equipment or structure serviced.
3. Name of contact, Phone number and address for each service location.
4. Notation of any unusual odor or color. The permittee shall use his or her judgment and refuse any loads, which have an unusual odor or color, or do not appear to be normal.
5. Location of discharge.
6. Time of discharge.

Indemnification

As a condition of this permit, Permittee shall, to the extent allowed by law, investigate, defend, indemnify and hold harmless the City, its officers, agents and employees, from and against all loss, damage, liability, claim, cost, and expense (including reasonable attorney's fees) and all causes of action of whatsoever character which may be incurred, sustained or which result on account of loss or damage to property, or for bodily injury to or death of any persons, arising out of or in any way connected with the work or discharge to be performed under this permit.

Permit Conditions

The Environmental Control staff reserves the right to revoke a permit for past due payments.
Noncompliance with the terms and conditions of this permit, the permittee is subject to enforcement remedies and penalties in accordance with the SBMC Title 16. (Copy attached)

If the permittee wishes to continue to discharge after the expiration date of this permit, an application must be filed for a renewal permit in accordance with the requirements of City of Santa Barbara Municipal Code Title 16 Section 16.08.020 a minimum of ninety (90) days prior to the expiration date

By: _____
Victor O. Acosta, Wastewater Treatment Superintendent
Issued this 25th day of September, 2007.

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City of Santa Barbara
Integrated Pest Management Strategy

DRAFT 2009 Annual Report

Prepared February 2010

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City of Santa Barbara 2009 IPM Report

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I. INTRODUCTION

In January 2004, the City of Santa Barbara (City) adopted a jurisdiction–wide Integrated Pest Management (IPM) Strategy. The City's IPM Strategy was developed to help reduce pesticide hazards on City property and promote effective pest management. This 2009 IPM Annual Report is the sixth Annual Report for the program.

The IPM Strategy requires that an Annual Report be prepared. The Annual Report addresses each of the following areas:

- Types of pest problems that each Department has encountered
- Types and quantities of pesticides used by each Department
- Exemptions currently in place and granted during the past year
- Alternatives currently used for phased out pesticides
- Alternatives proposed for adoption within the next 12 months
- Effectiveness of any changes in practice implemented
- Planned changes to pest management practices

In addition to the areas described above, the 2009 Annual Report discusses the Pesticide Hazard And Exposure Reduction (PHAER) Zone System adopted by the City Council in February 2006.

Integration of the PHAER Zone System

The IPM Strategy required the development of a "Zone System" tied to the IPM Approved Materials List to limit pesticide use based on potential human exposure. In February 2006, the City Council adopted the PHAER system to be incorporated into the IPM Strategy.

The PHAER system assigns Green, Yellow, or a Special Circumstance/Red Zone designation to sites, or portions of sites, based upon the potential for exposure by humans and sensitive habitat to hazardous pesticides, and allows use of carefully screened materials by zone designation. For example, Green Zones are areas of high exposure potential, and only pesticides designated as "Green", which show very limited human and environmental impacts, may be used. Yellow Zones are areas with less potential for harm from exposure, and a broader range of "Yellow" materials are permitted under the PHAER Zone system.

As a management tool in applying the PHAER Zone system, the Parks and Recreation Department has been operating a dedicated crew to provide some of the labor necessary in pursuing the specific alternative practices and goals included in the PHAER Zone.

Citizen and Staff IPM Advisory Committees

The Staff IPM Committee continued to work effectively with the Citizen IPM Advisory Committee to administer the IPM Strategy, and oversee pest management practices. In 2009 the Citizen IPM Advisory Committee met seven times to discuss and act on IPM policies and practices and made site visits to Alice Keck Park Memorial Gardens, Chase Palm Park, and Sheffield Open Space to inspect the weed issues in the parks. The 2009 Citizen IPM Advisory Committee included the following representatives: Greg Chittick, community at large, Oscar Carmona, community at large, Kristen LaBonte, community at large, and Corey Welles from the Pesticide Awareness and Alternative Coalition. The Environmental Defense Center representative position remained unfilled for 2009.

Department IPM Coordinators are appointed by Department Heads to serve on the Staff IPM Committee. Department representatives were: Jeff McKee from the Airport, Michele Decant from Community Development, Joe Poire from the Fire Department, James Dewey from Public Works, Judd Conley from the Waterfront, and Santos Escobar, serving as the IPM Coordinator, from Parks and Recreation.

IPM Advisory Committee Dissentions

In 2009, there were no IPM Advisory Committee dissentions. A dissention is when a vote is not unanimous.

II. 2009 PROGRAM SUMMARY

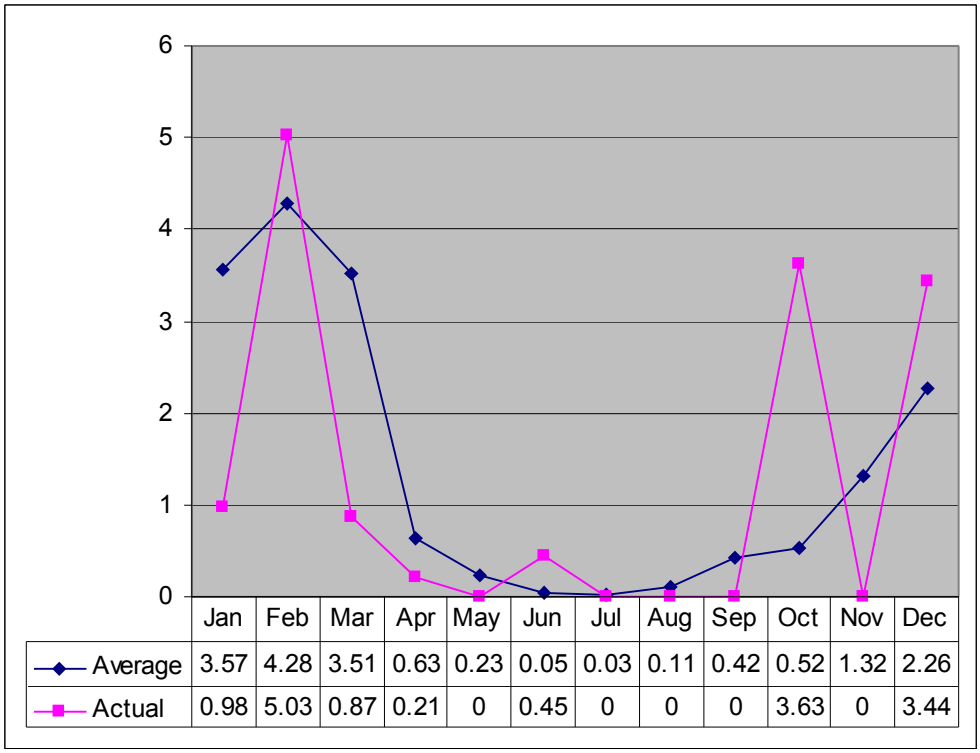
In 2009, pesticide use increased 1,237.5 units, from 1,131.9 units in 2008 to 2,369.4 units in 2009. This includes an increase in the use of Red materials from 25.4 units to 676 units. The use of Yellow materials increased from 867.6 units to 1,133.9 units. The use of Green materials increased from 239 units to 559.5 units.

It is important to note that because pesticide use will vary from year to year, an increase or decrease from the previous year does not necessarily indicate a long-term trend. Many factors affect the amount of pesticides applied in any one year.

One of the main factors that determine pest populations is rainfall. The more rain the area receives in a year, the greater the population of insects and weeds.

The graph below shows the higher than normal rainfall experienced in February and December, as well as the record high rainfall in October.

2008 Rainfall Chart



	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Average	3.57	4.28	3.51	0.63	0.23	0.05	0.03	0.11	0.42	0.52	1.32	2.26
Actual	0.98	5.03	0.87	0.21	0	0.45	0	0	0	3.63	0	3.44

City-Wide

- The total units of pesticides applied increased from 1,131.9 in 2008 to 2,369.4 in 2009.
- Units of Green materials increased from 239 to 559.5.
- Units of Yellow materials increased from 867.6 to 1,133.9.
- Units of Red materials increased from 25.4 to 676.
- The number of times pesticides were applied (including Green, Yellow, and Red materials) increased from 160 in 2008 to 211 in 2009.

Airport Department

- The units of pesticides applied increased from 996.2 in 2008 to 2,261.9 in 2009.
- Units of Green materials increased from 179 in 2008 to 516.9 in 2009.
- Units of Yellow materials increased from 816.5 in 2008 to 1,121.4 in 2009.
- Units of Red materials increased from 0.75 in 2008 to 623.6 in 2009.
- The Airport spent 13,903 hours of manual weed control in PHAER green areas and in native habitat restoration areas and 115.5 hours of mechanical gopher control.

Creeks Division, Parks and Recreation Department

- The units of pesticides applied increased from zero in 2008 to 11.4 in 2009.
- Units of Green materials increased from zero in 2008 to 10 in 2009.
- Units of Yellow materials increased from zero in 2008 to 1.4 in 2009.
- No Red materials were applied.
- 367 yards of mulch was spread.

Golf Division, Parks and Recreation Department

- The units of pesticides applied increased from 29.4 in 2008 to 55.2 in 2009.
- No Green materials were applied in 2009.
- Units of Yellow materials decreased from 5 to 2.7.
- Units of Red materials increased from 24.4 to 52.4.
- The golf course continues to brew microorganisms and compost tea for the greens.
- Two newly constructed greens were seeded with disease resistant bentgrass.

Parks Division, Parks and Recreation Department

- The units of pesticides applied decreased from 78.2 in 2008 to 7.4 in 2009.
- No Green materials were applied in 2009.
- Units of Yellow materials decreased from 38.2 to 7.4.
- No Red materials were applied in 2009.
- Over 1,700 yards of mulch spread.

Public Works Department

- The units of pesticides applied increased from 28.1 units in 2008 to 33.6 in 2009.
- Units of Green materials increased from 20 to 32.6.
- Units of Yellow materials decreased from 7.9 to 1.
- No Red materials were applied in 2009.

Waterfront Department

- No pesticides were applied in 2009.

III. PEST PROBLEMS ENCOUNTERED

A variety of pests were encountered on City properties in 2009 as outlined in the table below. Departments ranked their top three pest problems with the numbers 1, 2 and 3. Other pest problems encountered are checked (✓). Footnote annotations reference additional information.

Pest Problems Encountered Table

		Airport	Creeks	Golf	Parks	Parking	Public Works	Waterfront
Plant pests	Giant whitefly				✓	✓	✓	
	Misc. plant insects			✓	✓[3]	**3**		
	Disease	✓		**1**[1]	✓[4]	✓		
Specimen Tree Pests	Oak Worm	✓			✓	**2**		
	Psyllids				✓			
Weeds	Invasives	✓	✓	**3**[2]	**1**[5]			
	General weeds	**3**	✓	✓	**1**	**1**	✓	**3**
	Perennial grasses	✓	✓	✓	**1**[6]		✓	✓
Vertebrates	Gopher	**2**	✓	**2**	**2**		✓	✓
	Ground Squirrel	✓	✓	**2**	✓			✓
	Gulls/ nuisance birds	✓		**2**	✓	✓		**2**
	Moles			**2**	✓			
	Raccoons	✓		**2**				
	Skunks	✓		**2**				
Human Health	Poison Oak	✓			✓			
	Bees, yellow jackets, etc.	✓		✓	**3**	✓	**2**	
	Rats/ mice	✓		✓	✓	✓	**3**	**1**
	Mosquitoes	**1**		✓	✓		**1**	
Other	Termites	✓					✓	
	Roaches						✓	
	Pigeons	✓				✓	✓	
	Crows	✓		✓				
	Ants	✓				✓	✓	

1. Golf reported these plant diseases (fungus): Dollar Spot, Pink Snow Mold, Anthracnose, and Yellow Patch.
2. Golf reported this invasive weed: Clover.
3. Parks reported these plant insects: Lerp Psyllids, Mites, Oak Moths, Thrips, Aphids, Snails, Slugs, and Ants.
4. Parks reported these plant diseases: Leaf Spot, Mildew, Blight, Pink Bud Rot, Sooty Mold, Pythium, Armillaria, and Phytothora.
5. Parks reported these invasive weeds: Arrundo, Nutgrass, Kikuyu Grass, Clover, Oxalis, Malva, Foxtail, Spurge, Dandelion, Milkweed, Sow Thistle, Poa annua, Puncture Vine, Johnson Grass, and Poison Oak.
6. Parks reported the following perennial grasses: Crab, and Bermuda.

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IV. TOTAL PESTICIDE USE

Data has been collected for City-wide pesticide application since 2004. This data is plotted in the graphs on subsequent pages. The graphs illustrate the various reductions and increases in pesticide use by each Department. A City-wide narrative is provided as well as one for each Department describing the particular pest issues faced this year, followed by a graph depicting pesticide use.

There are a number of factors that affect pesticide use. Theses include weather patterns (unseasonably dry or wet weather), introduction of new, or changes to existing pest populations, and changes in the effectiveness or availability of pesticide materials

It should also be noted that due to the change in 2006 from the Tier system to the PHAER system of pesticide classification, the graphs will show an expanded data list beneath each chart. The top data list is based on the PHAER system of pesticide classification and is valid for the 2006 - 2009 columns only. The lower data list is based on the Tier system and is included for prior years to provide historical data.

As the program continues into its seventh year, reduced budgets and staffing levels will continue to be a significant challenge. Financial constraints may require a change in service levels and aesthetic expectations or a greater reliance on more cost effective traditional pesticides. However, the City is committed to the use of Green materials, so it is likely that the units of pesticides applied will increase. Green materials generally require higher application levels than Red or Yellow pesticides. A rise in Green material use, even though it increases the over-all pesticide use in the City, will generally mean a reduction in the application of higher risk Yellow and Red materials.

City-wide Pesticide Use

City-wide pesticide use increased in 2009, mainly because of increased use of both Green and Red materials at the Airport. Pesticides applied increased from 1,131.9 units in 2008 to 2,369.4 units in 2009. The use of Green materials increased from 239 units to 559.5 units. The use of Yellow materials increased from 867.6 units to 1,133.9 units and Red materials increased from 25.4 units to 676 units.

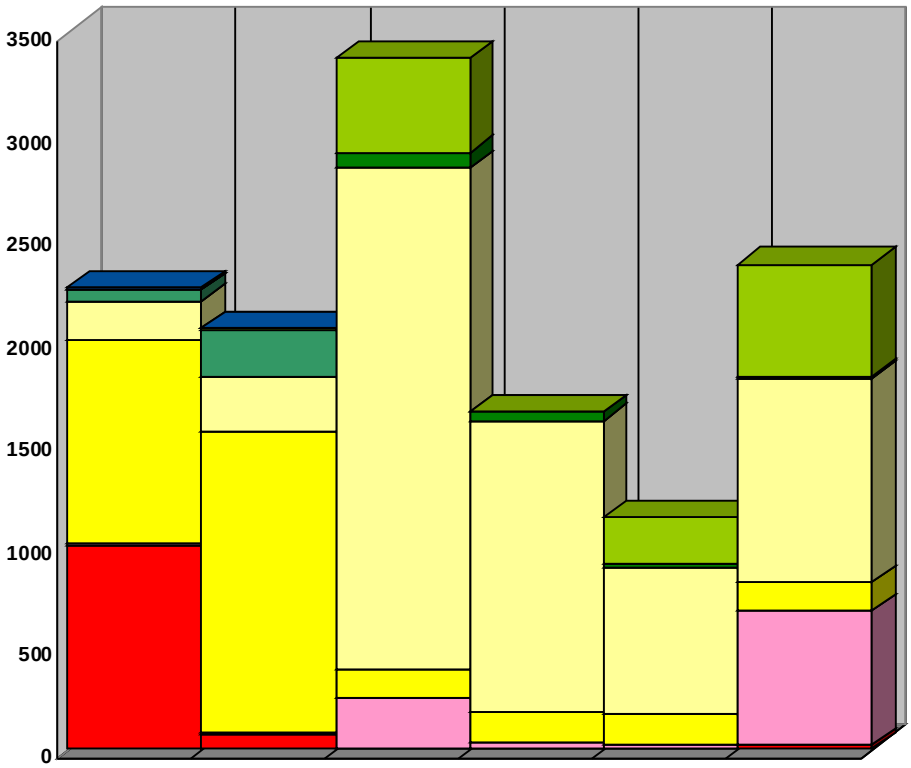
The table below provides a summary of the pesticides applied on City property in 2009. Pesticides are reported in either pounds or gallons depending on if they are dry or liquid. The column labeled "Type" includes the type of pesticide applied: Insecticide, Fungicide, Herbicide, Molluscicide, and Rodenticide. The data used to generate the total overall pesticide use is based upon total units (gallons or pounds) of all materials.

City Departments who applied pesticides, or contracted with pesticide applicators, prepared monthly pesticide and alternative use reports, and participated in the preparation of this Annual Report. The monthly reports form the basis of the Annual Report and are available at the main offices of each Department.

Total Pesticide Use Table

	Pesticide Name	Active Ingredient	Type	Airport		Golf		Parks and Recreation		Public Works		Airport	Golf	Parks and Recreation	Public Works
				Amount of Pesticide Applied								Applications			
				Gallons	Pounds	Gallons	Pounds	Gallons	Pounds	Gallons	Pounds				
	Advanced Ant Bait	Orthoboric Acid	Insecticide							0.008					1
	Borid Turbo	Orthoboric Acid	Insecticide							0.08					1
	Burnout II	Clove Oil	Herbicide	9.9								11			
	Niban	Isoboric Acid	Insecticide								8				3
	Summit Bits	Bti	Insecticide						10		24.5			1	6
	Vectobac G	Bti	Insecticide		507							21			
	Victor Wasp	Mint Oil / SLS	Insecticide							0.016					1
	Green Totals			9.9	507	0	0	0	10	0.104	32.5	32	0	1	12
	Altosid Pellets	Methoprene	Insecticide		62.00							1			
	Altosid XR	Methoprene	Insecticide		637.52							6			
	Ditrac	Diphacinone	Rodenticide		38.86							20			
	Dormant Spray	Petrolium Oil	Insecticide					0.75						1	
	Liquicop	Copper Oil	Fungicide					0.25						1	
	Rose Defense	Neem Oil	Insecticide					0.62						1	
	Round-up Pro	Glyphosate	Herbicide	73		2.75		7.16				17	16	52	
	Round-up Pro Max	Glyphosate	Herbicide	25								5			
	Surflan	Oryzalin	Herbicide	30								5			
	Termidor SC	Fipronil	Insecticide							1					3
	Wilco Squirrel Bait	Diphacinone	Rodenticide		55							9			
	XL2G	Oryzalin / Benefin	Herbicide		200							1			
	Yellow Totals			128	993.38	2.75	0	8.78	0	1	0	64	16	55	3
	Banner-maxx	Propiconazole	Fungicide			4.73							5		
	Daconil	Chlorothalonil	Fungicide			15							5		
	Fumitoxin	Aluminum phosphide	Rodenticide		370.6							10			
	Heritage	Azoxystrobin	Fungicide				15						1		
	Medallion	Fludioxonil	Fungicide				7.68						3		
	Prostar	Flutolanil	Fungicide				10						1		
	Vikane	Sulfuryl fluoride	Insecticide		253							3			
	Red Totals			0	623.6	19.73	32.68	0	0	0	0	13	15	0	0
	Department Totals			**137.9**	**2123.98**	**22.48**	**32.68**	**8.78**	**10**	**1.104**	**32.5**	**109**	**31**	**56**	**15**
	City-wide Totals			**Gallons**	**170.264**			**Pounds**	**2,199.160**			**Applications**			**211**

City-wide Pesticide Use



	2004	2005	2006	2007	2008	2009
PHAER						
Green Pounds			489.05	.5	220	549.5
Green Gallons			48.5	42.96	19.01	10
Yellow Pounds			2449.91	1,421.95	717.132	993.38
Yellow Gallons			135.65	149.08	150.458	140.53
Red Pounds			246.93	30.56	16.201	656.28
Red Gallons			3.75	1.25	9.191	19.73
History						
Tier 4 Gallons						
Tier 4 Pound	9	3.4				
Tier 3 Gallons	1.1	1.25				
Tier 3 Pounds	54	236.54				
Tier 2 Gallons	195.5	267.04				
Tier 2 Pounds	992	1469.03				
Tier 1 Gallons	5.5	9				
Tier 1 Pounds	995.9	70				
Totals	**2253**	**2056.26**	**3373.79**	**1646.3**	**1,131.992**	**2,367.80**

Parks Division Pesticide Use

Pesticide use by the Parks Division decreased in 2009. No Green materials were applied. There was a decrease in Yellow materials from 38.24 units to 7.38 units. No Red materials were used this year on any parkland.

Alternatives Used

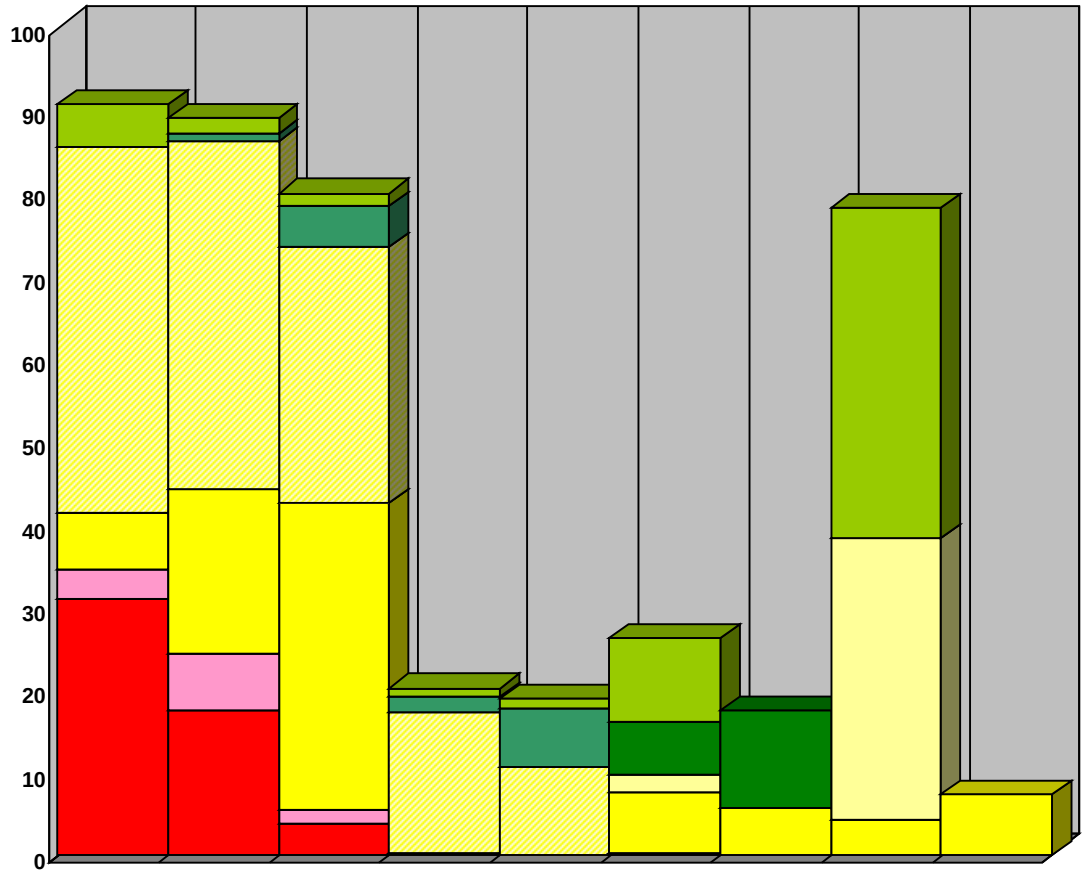
The Parks Division performed 3,979 hours of alternative pest management. The Parks Division used a weed flamer on sidewalk cracks and rocky areas as well as a steam weeder around trees and applied over 1,700 yards of mulch and biosolids in planter areas. The Parks Division is also experimenting with sheet mulching, installing a layer of cardboard under the mulch, at Sheffield Open Space. However, as in years past, the majority of work went into hand weeding and mechanical weeding with power equipment.

Various other alternatives were practiced in 2009, including trapping for rodents and the continued use of Sluggo for snail and slug control. A contractor was used to relocate bee hives and yellow jacket nests. The Parks Division also continues to search for alternative herbicides in hopes of finding effective products.

Exemptions

The Parks Division applied for five exemptions. The first exemption request was for the use of Glyphosate at Parma Park to eradicate invasive weeds after the Tea Fire. This exemption was granted but not used due to emergency funds becoming available for the hiring of additional staff to weed manually. The second exemption request was for the use of Glyphosate to treat invasive Arundo donax at the Andreé Clarke Bird Refuge. This exemption was granted and used successfully. The third was an exemption request for the use of Glyphosate to treat invasive Arundo donax at Shoreline Park. This exemption was granted but not used because of difficulty in safely reaching the cliff-side location. The fourth exemption request was for the use of Glyphosate to treat weeds at Chase Palm Park and Sheffield Open Space. This exemption was declined. The fifth exemption request was for the use of Diphacinone for the control of squirrels at Shoreline Park, Leadbetter Beach Park, and Chase Palm Park. This exemption was granted but not used due to a diminished squirrel population.

Parks Division Pesticide Use



	2001	2002	2003	2004	2005	2006	2007	2008	2009
PHAER									
Green Pounds						10		40	
Green Gallons						6.5	11.71		
Yellow Pounds						2		34	
Yellow Gallons						7.43	5.71	4.24	7.38
Red Pounds									
Red Gallons						0.25			
History									
Tier 4 Gallons									
Tier 4 Pound									
Tier 3 Gallons	5.3	1.75	1.5	1	1.25				
Tier 3 Pounds		1	5.05	2	7				
Tier 2 Gallons	44	42	31	17	10.71				
Tier 2 Pounds	7	20	37						
Tier 1 Gallons	3.6	6.7	1.7	0.22					
Tier 1 Pounds	30.91	17.6	3.8						
Totals	**90.81**	**89.05**	**80.05**	**20.22**	**18.96**	**26.18**	**17.42**	**78.24**	**7.38**

Golf Division Pesticide Use

The Golf Division increased its material use from 29.4 units in 2008 to 55.2 units in 2009. Although there was a reduction in Yellow materials from 5 units to 2.7 units, there was an increase in Red materials from 24.4 units to 52.4 units. Due to a drier than normal January, there was a reduction in weed populations leading to a decline in Yellow herbicides used. However, disease pressure was high during the winter and summer months leading to an increased use of Red fungicides. The Golf Division continues to implement alternative agronomic methods to control disease pressures and limit pesticide inputs. Unfortunately, extreme environmental conditions create disease outbreaks that can only be controlled with fungicides.

Alternatives Used

The Golf Division recently rebuilt two greens and selected disease resistant seed. Selecting a disease resistant seed variety will lead to an overall reduction in fungicide use.

The Golf Division increased the use of Biosolids from 315 cubic yards to 455 cubic yards. Biosolids are used as an organic fertilizer which leads to a reduction in the application of inorganic fertilizers.

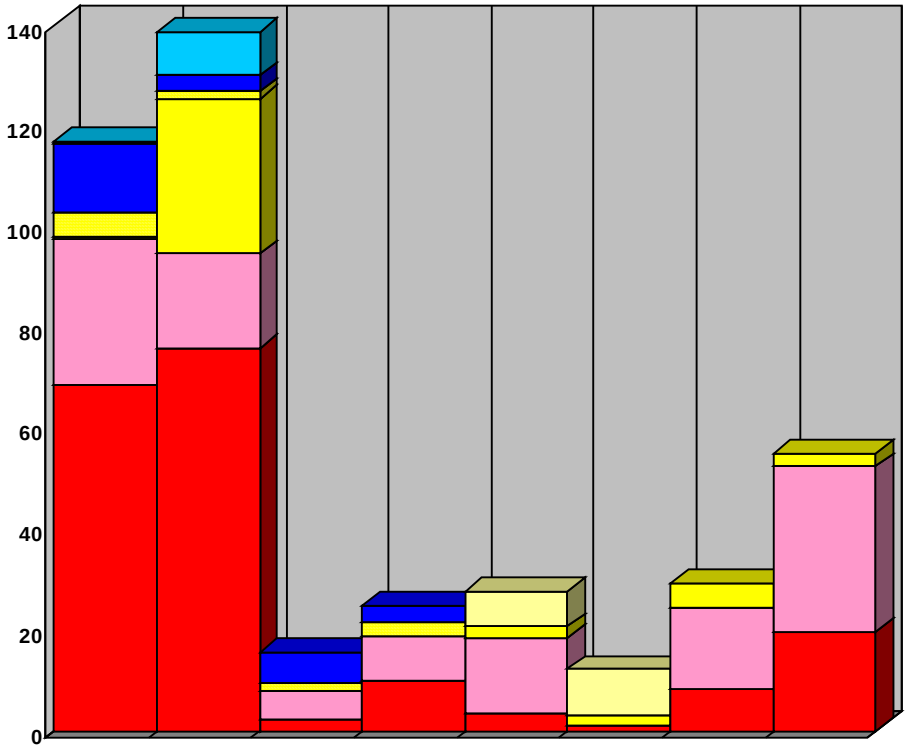
The Golf Division continues to limit the amount of fertilizer applied to the greens. In lieu of fertilizer the Golf Division continues to use raw materials that, over time, will acidify the soil promoting more disease resistant finer leaf turfgrasses. These materials also deliver an acceptable green color that would typically be accomplished with nitrogen inputs.

In all, the Golf Division used 455 cubic yards of Biosolids, 60 gallons of effective microorganisms and 60 gallons of seaweed.

Exemptions

The Golf Division applied for and received eight exemptions. The exemptions were for the fungicides Banner-maxx, Daconil, Heritage, Medallion, and Prostar; the insecticides Acelepryn and Merit, and the herbicide/growth regulator Trimmit. All of the exemptions targeted the greens.

Golf Division Pesticide Use



	2002	2003	2004	2005	2006	2007	2008	2009
PHAER								
Green Pounds								
Green Gallons								
Yellow Pounds					7	9		
Yellow Gallons					2.31	1.94	4.97	2.75
Red Pounds					15		16.06	32.68
Red Gallons					3.5	1.25	8.361	19.73
History								
Tier 4 Gallons	0.04	8.75						
Tier 4 Pound	13.7	3.13	6	3.4				
Tier 3 Gallons								
Tier 3 Pounds								
Tier 2 Gallons	5.1	1.4	1.9	2.5				
Tier 2 Pounds	0.19	30.84						
Tier 1 Gallons	28.9	18.7	5.3	9				
Tier 1 Pounds	68.8	76	2.45	10				
Totals	**116.73**	**138.82**	**15.65**	**24.9**	**27.81**	**12.19**	**29.391**	**55.16**

Airport Department Pesticide Use

Airport pesticide applications concentrated on four types of pests in 2009: mosquitoes, rodents, weeds and termites. Airport applied Red materials to control gophers on the airfield and drywood termites in two buildings. Red materials were selected by Airport staff, and exemption requests approved by the IPM Advisory Committee, because those materials were the most appropriate approach to control the problem pests.

Mosquitoes

Airport relies primarily on Altosid XR, a Yellow larvicide to control mosquitoes in the Goleta Slough. The product is effective for up to 180 days. In 2009, generally dry conditions limited the need for reapplication of Altosid XR. Airport has worked with the Mosquito and Vector Management District to rely more heavily on the Green, BTI based product Vectobac G to control smaller residual mosquito sources for shorter periods of time, in lieu of second applications of Altosid XR. Bti based products are only effective for about ten days.

Weeds

In addition to the extensive manual weed control program at the Airport, herbicides were used to prevent weeds from obscuring airfield lights and signs, and to prevent weeds from deteriorating airfield assets. Some hand weed abatement was conducted on the airfield in 2009; however this effort is limited due to safety considerations for maintenance personnel.

Rodents

Following several years of no significant application of rodenticides on the airfield, Airport made a concerted effort to reduce airfield rodent populations. Rodents on the airfield attract predators that pose a collision hazard for aircraft. The Airport is also required by FAA to maintain safety areas in a smooth, compact condition. On-going rodent control is necessary to maintain a safe environment for aircraft operations. Gophers outside the airfield fence were controlled with mechanical steel traps.

Termites

In 2009, Airport tented two buildings with Vikane to prevent damage from drywood termites. The IPM Advisory Committee approved an exemption for the use of Vikane, a Red material. The initial treatment of one building was unsuccessful and the contractor re-tented the building under warranty. Drywood termites were also discovered in an office inside the Airline Terminal. The drywood termites there were eradicated by a local contractor using heat.

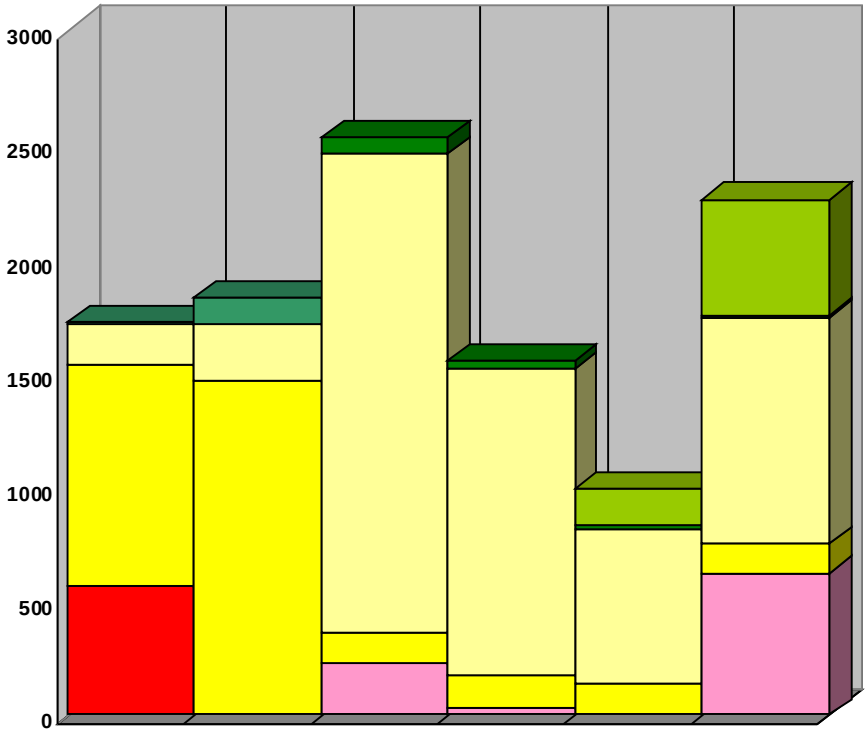
Alternatives Used

Alternative efforts focused on the control of weeds through mechanical methods, including string trimming, hand weeding and hoeing. The number of hours devoted to alternative pest control methods remained very high at 14,024 hours recorded in 2009. During the year, Airport used a beekeeper to remove multiple swarms of bees from the Airport. Airport used a contractor in December to heat treat an infestation of drywood termites in one section of the Airline Terminal.

EXEMPTIONS

The Airport applied for and received two exemptions in 2009 - Fumitoxin and Roundup Promax. The exemption for Vikane was approved at the end of 2008 for use in 2009. All materials were used.

Airport Pesticide Use



	2004	2005	2006	2007	2008	2009
PHAER						
Green Pounds			28.5		160	507
Green Gallons			42	31.25	19	9.9
Yellow Pounds			2107.31	1,349.95	678.625	993.38
Yellow Gallons			125.61	140.05	137.855	128
Red Pounds			231.93	30.06		623.6
Red Gallons					0.75	
History						
Tier 4 Gallons						
Tier 4 Pound						
Tier 3 Gallons						
Tier 3 Pounds	12.5	115.4				
Tier 2 Gallons	170.9	247.2				
Tier 2 Pounds	972.3	1469				
Tier 1 Gallons						
Tier 1 Pounds	568					
Totals	**1723.7**	**1831.6**	**2535.35**	**1551.31**	**995.48**	**2261.88**

Public Works Department Pesticide Use

The Public Works Department increased its use of pesticides in 2009. Green materials increased to 32.6 units in 2009 from 20.01 units in 2008 primarily due to the use of the Green material Bti to treat for mosquitoes. Use of Yellow materials decreased to 1 unit in 2009 from 7.9 units in 2008. No Red materials were applied in 2009.

Alternatives Used

Parking Division continues to use alternative methods for weed control including hand weeding, weed whipping, and limited use of weed burning. A total of 365 hours were devoted to non chemical methods of weed control in 2009. In addition, 30 cubic yards of mulch were added to planting areas to discourage weed growth. Additional alternative practices for pest management include plant replacement, worm castings, and washing off insects with water pressure.

Environmental Services employed a contractor who caught 47 rodents in traps along State Street and Coast Village Road. A contractor also relocated 15 bee hives or swarms.

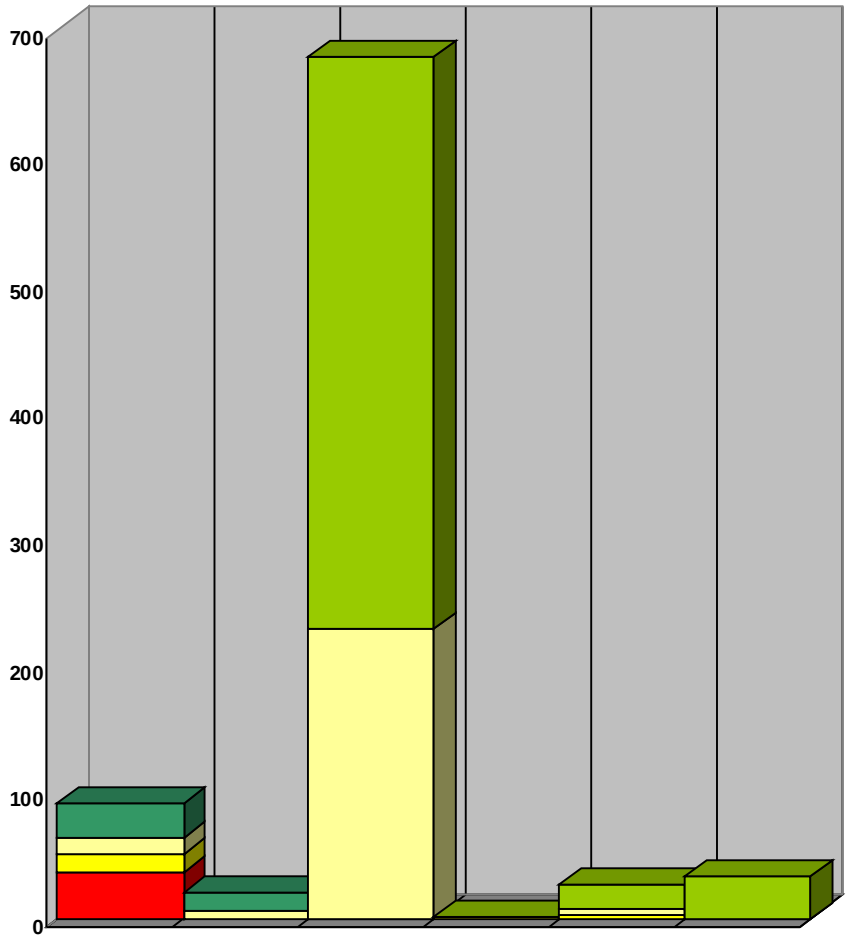
The Streets Division managed weeds in traffic calming areas with hand weeding and mulching.

The Facilities Division focused on sanitation efforts in the management of ants and rodents in City buildings.

Exemptions:

The Public Works Facilities Maintenance Division applied for and received two exemptions for the Yellow materials Fipronil and Advion, both for the control of ants in and around City facilities.

Public Works Pesticide Use



.	2004	2005	2006	2007	2008	2009
PHAER						
Green Pounds				0.5	20	32.5
Green Gallons			450.55		0.01	0.104
Yellow Pounds					4.507	
Yellow Gallons			228.6	1.38	3.393	1
Red Pounds			0.31		0.141	
Red Gallons					0.08	
History						
Tier 4 Gallons						
Tier 4 Pound						
Tier 3 Gallons						
Tier 3 Pounds	27	15.16				
Tier 2 Gallons	13	6.625				
Tier 2 Pounds	14	0.031				
Tier 1 Gallons						
Tier 1 Pounds	37					
Totals	**91**	**21.816**	**679.46**	**1.88**	**28.131**	**33.6**

V. EXEMPTIONS

Under the IPM Strategy and PHAER Zone system, exemptions may be granted when a pest outbreak poses an immediate threat to public health or will result in significant economic or environmental damage. Exemptions may be requested for one time application or as a programmatic exemption for a single year. The exemption process is outlined in the IPM Strategy.

- 17 exemptions were requested in 2009 as summarized in the table to the right and listed in the table below.
- No emergency exemptions were requested in 2009
- All 17 requests were for planned action and 16 were granted by the IPM Citizens Advisory Committee.
- Of the 16 requests approved, 7 were not implemented.

Exemption Summary Table

2009 Exemptions	Airport	Creeks	Golf	Parks	Facilities	Totals
Emergency						
Proposed	1	1	8	5	2	17
Passed	1	1	8	4	2	16
Denied				1		1
Applied	1	1	5	1	1	9
Not Applied			3	4	1	8

Exemption Detail Table

Vote	Div.	Material	Type	Type	Exemption Type	Used	Site
Passed	Airport	Fumitoxin	Rodenticide		Programatic	Yes	Airfield
Passed	Creeks	Glyphosate	Herbicide		Programatic	Yes	Golf Course
Passed	Facilities	Fipronil	Insecticide		Programatic	Yes	Franklin Center
Passed	Facilities	Advion	Insecticide		Programatic	No	Facilities
Passed	Golf	Banner-maxx	Fungicide		Programatic	Yes	Greens
Passed	Golf	Acelepryn	Insecticide		Programatic	No	Greens
Passed	Golf	Daconil	Fungicide		Programatic	Yes	Greens
Passed	Golf	Heritage	Fungicide		Programatic	Yes	Greens
Passed	Golf	Medallion	Fungicide		Programatic	Yes	Greens
Passed	Golf	Merit	Insecticide		Programatic	No	Greens
Passed	Golf	Prostar	Fungicide		Programatic	Yes	Greens
Passed	Golf	Trimmit	Herbicide		Programatic	No	Greens
Passed	Parks	Diphacinone	Rodenticide		Programatic	No	Shoreline Park, Leadbetter, Chase Palm
Passed	Parks	Glyphosate	Herbicide		Programatic	No	Parma Park
Passed	Parks	Glyphosate	Herbicide		Programatic	Yes	Bird Refuge
Declined	Parks	Glyphosate	Herbicide		Programatic	No	Chase Palm Park and Sheffield Open Space
Passed	Parks	Glyphosate	Herbicide		One Time	No	Shoreline Park

Comparison of Exemptions for 2007 and 2008

	2008	2009
Number of Exemption Requests	16	17
Number of Exemption Requests Approved	15	16
Number of Approved Exemption Requests Applied	8	9
Number of Approved Exemption Requests Not Applied	7	7

VI. ALTERNATIVE PEST MANAGEMENT PRACTICES USED IN 2009

Non-chemical pest management alternatives used in 2009 are reviewed in the table below. The use of non-chemical IPM alternatives was emphasized over pesticide applications. Hours reported for the total year are from the *Monthly Alternative Use Reports* prepared by each Department. A check (✓) indicates the alternative was used but time was not tracked for it. The total tracked hours for City-wide alternative practices declined from 23,569 in 2008 to 19,936 in 2009, primarily due to budgetary reductions resulting in less available labor.

PEST	Alternative	Airport	Golf	Public Works	Parks	Citywide Hours
WEEDS	Mulch & wood chips	8	✓	✓	560	**568**
	Weed fabric					**0**
	Propane flame weeder			✓	64	**64**
	Hot water/ steam				8	**8**
	Hand weeding	13,601	300	165	1,602	**15,668**
	Weed whip	294	1,200	200	1,300	**2,994**
	Habitat modification				✓	**0**
	Irrigation Mgmt.	✓	✓		✓	**0**
	Host plants squeeze out	✓			✓	**0**
PLANT PESTS	Irrigation Mgmt.				✓	**0**
	Compost tea/microbial in.					**0**
	Enhance plant health		✓		✓	**0**
	Worm castings			✓		**0**
	Effective micro-organisms		✓			**0**
	Wash off plants			✓	✓	**0**
	Resistant varieties	✓		✓	✓	**0**
	Remove plant/tree	✓			✓	**0**
GOPHERS	Traps	116	✓		421	**537**
SQUIRRELS	EPA exempt bait					**0**
	Traps		✓		24	**24**
	Habitat modification			✓		
RATS & MICE	Mechanical traps	2		✓	✓	**2**
	Cat				✓	**0**
MOSQUITOES	Mosquito fish	✓		✓		**0**
	Remove stagnant water				✓	**0**
BEES, WASPS, etc.	Bee Keepers			✓	✓	**0**
	Remove hives	✓		68	✓	**68**
OTHER	Glue traps/roaches			✓		**0**
	Heat Treatment	4		✓		**4**
Total Hours		**14,024**	**1,500**	**433**	**3,979**	**19,936**

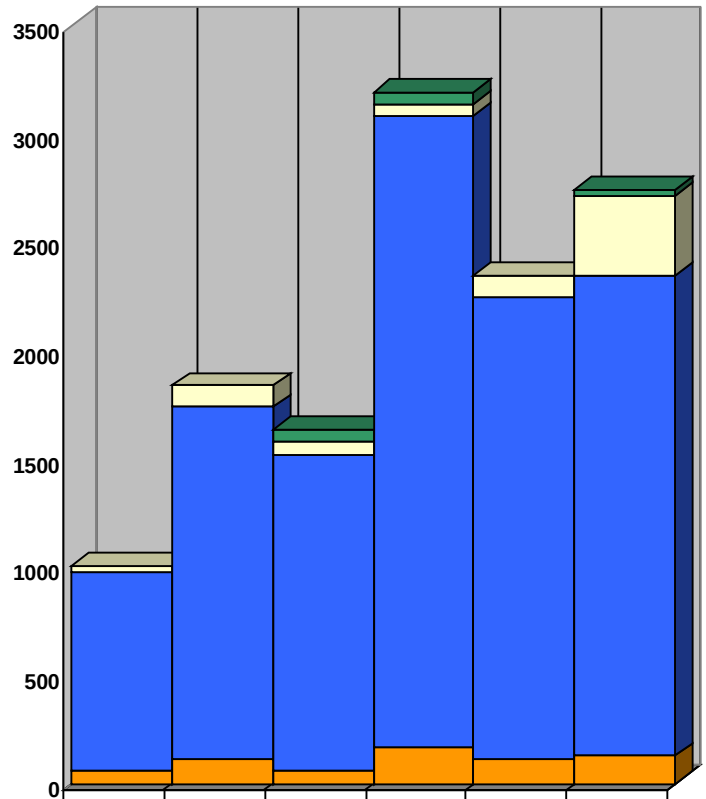
Total Mulch Use

Mulch has been found to be effective in suppressing the growth of annual weeds. The table below shows the types of mulch applied for 2009.

Mulch Use Table

Yards of Mulch by Type	Airport	Creeks	Parks/Golf	Public Works	City Totals
Biosolids			559		**559**
Woodchips	30	367	1,660	130	**2,187**
Total Yards	**30**	**367**	**2,219**	**130**	**2,746**

Mulch Use Comparison Chart



	2004	2005	2006	2007	2008	2009
Airport	N/A	N/A	60	53	N/A	30
Creeks	30	100	60	50	102	367
Parks/Golf	921	1620	1460	2917	2125	2219
Public Works	59	120	60	171	120	130
Totals	**1,010**	**1,840**	**1,640**	**3,191**	**2,347**	**2,746**

VII. EFFECTIVENESS OF ALTERNATIVE PRACTICES IMPLEMENTED

In general, most alternative pest management practices are more labor intensive and costly, and not as effective as the use of Yellow and Red classified pesticides. However, there are occasions when a Yellow or Red material is also not effective in controlling a pest problem. While most Green materials and practices provide only moderate control of pest populations, there have been some successes. The effectiveness of alternatives for the biggest pest problems encountered is reviewed below.

- **Weeds**: A variety of alternatives are used to provide moderate effectiveness and control including: weeding, weed whipping, mulching, mowing, flame torch (in designated safe areas), and the Aquacide Steam Weeder. These alternatives are significantly more labor and cost intensive and not as effective as Yellow materials. Alternative food grade or EPA exempt chemicals, such as the clove oil based Burnout II, have not proven effective.
- **Insects / Mollusks:** Results are mixed for combating insects and mollusks. For some insects, there are no known effective alternatives. Some alternatives can be very effective but expensive, such as removing non-resistant plants and replacing them with resistant varieties. However, the following alternatives have proven successful against insects and mollusks:
    - Sluggo for snails and slugs
    - Worm castings for white fly
    - Insecticidal soap for aphids
    - Neem oil as a dormant spray
    - Bti for mosquitoes
- **Disease:** No effective alternative has been found for most diseases. Where possible, staff focuses on preventative treatments to enhance plant health. Once disease strikes, pesticides are generally required to combat it.
- **Gophers:** For the most part, mechanical traps are being used City-wide. Traps have been found to be moderately effective and are more expensive than rodenticides due to higher costs of purchasing, installing, monitoring, and cleaning out traps.
- **Ground Squirrels:** Mechanical trapping, using snap and electrical traps, is the primary method of control at this time. This method is moderately effective at controlling populations. More effective alternatives are being researched. Some control has been achieved using food grade baits. Both trapping and baiting have proven very labor intensive.
- **Mice / Rats:** At this time, traps are the primary way of controlling this population. Traps have been found to be moderately effective depending on population size and location and available food sources. Positive public perception seems to far outweigh the costs of using traps. Traps have also shown themselves to be very effective in controlling rodents on downtown State Street and at Coast Village Road
- **Termites:** Building Maintenance now only uses heat treatments to control drywood termites. Heat was found to be equally effective as pesticides and without the chemical residues. However, costs are 50% higher at this time.

VIII. PROPOSED CHANGES TO PEST MANAGEMENT PRACTICES

Alternative Practices Proposed for 2010

The upcoming year will pose new challenges due to the financial climate. Budget considerations and the reduction of staff may require a change in service levels and aesthetic expectations or a greater reliance on more cost effective traditional pesticides. Departments will continue to seek "least toxic" alternatives that provide higher benefit to cost ratios. Departments will also continue to use alternatives found effective in the past five years unless more cost-effective alternatives are found. Departments propose the following for 2010:

- The Parks Division will continue to implement the PHAER Zone model of Integrated Pest Management and continue studying alternative materials and methods. Parks will continue experimenting with sheet mulching to control weeds.
- The Golf Division will continue to limit the amount of fertilizer applied to the greens. In lieu of fertilizer the Golf Division will use raw materials that, over time, will acidify the soil promoting more disease resistant finer leaf turfgrasses. These materials also deliver an acceptable green color that would typically be accomplished with nitrogen inputs.
- The Airport Department landscape maintenance contractor has identified specific initiatives for 2010 to further improve the effectiveness of its IPM efforts in Airport Green zones. Efforts will focus on plant health, conservation of water resources and recycling of green waste. The contractor has also committed to have two staff certified as green gardeners during the coming fiscal year.

IX. CONCLUSION

Overall, the City increased its use of pesticides in 2009. The increased use of Red materials to treat termites and gophers at the Airport, and funguses at the Golf Course caused a City-wide increase to 2,369.4 units in 2009 from 1,131.9 units in 2008. The City also saw an increase in the use of Green materials, in particular, the use of Bti to control mosquitoes at the Airport.

During these times of reduced budgets, it is important for City staff to find cost effective, low risk, viable alternatives so that pesticide hazards may be reduced further and the overall efficiency of IPM practices may increase. Additionally, changes in maintenance standards and expectations will become more prevalent as funding for the maintenance of City parks, landscapes, and facilities decrease.

Also critical to reducing pesticide hazards in the City of Santa Barbara is the continuation of community outreach and public education. Because of this community outreach, the public will become more aware of the City's greater reliance upon low risk IPM alternatives.

X. ATTACHMENTS

ATTACHMENT A: APPROVED MATERIALS LIST

Product Name	Active Ingredient	ZONE	Tier	Type
Advance Ant Bait	Orthoboric Acid	Green	3	Insecticide
AllDown	citric acid, acetic acid, garlic	Green	3	Herbicide
Any brand name	Orthoboric Acid ant bait station	Green	3	Insecticide
Avert Cockroach Bait Station	Abamectin B1 0.05%	Green	3	Insecticide
Avert Cockroach Gel Bait	Abamectin B1 0.05%	Green	3	Insecticide
Bactimos Pellets	Bt	Green	3	Insecticide
Bactimos Wettable	Bt	Green	3	Insecticide
Bio-Weed	corn gluten	Green	3	Herbicide
Borid	Orthoboric Acid	Green	3	Insecticide
Borid Turbo	Orthoboric Acid	Green	3	Insecticide
BurnOut 2	clove oil	Green	3	Herbicide
Cinnamite	cinnamaldehyde	Green	3	Insect/Fung
Dipel Flowable	Bt	Green	3	Insecticide
Drax Ant Kill PF	Orthoboric Acid	Green	3	Insecticide
EcoExempt	Wintergreen Oil	Green	3	Herbicide
EcoExempt D	2-Phenethyl propionate 4.5% Euginol (clove oil) 1.75%	Green	3	Insecticide
Embark	mefluidide	Green	3	Growth Regulator
GreenErgy	Citric, Acetic Acid	Green	3	Herbicide
Kaligreen	potassium bicarbonate	Green	3	Fungicide
Matran (EPA Registration Exempt)	clove oil	Green	3	Herbicide
Natura Weed-A-Tak	clove oil	Green	3	Herbicide
Niban	Isoboric Acid 5%	Green	3	Insecticide
Safer Soap	potassium salts of fatty acids	Green	3	Insecticide
Sluggo	iron phosphate	Green	3	Other
Summit BTI Briquets	Bt	Green	3	Insecticide
Teknar HP-D	Bti	Green	3	Insecticide
Terro II	Orthoboric Acid	Green	3	Insecticide
Vectobac G	Btk	Green	3	Insecticide
VectoLex CG	bacillus sphaericus	Green	3	Insecticide
Victor Wasp and Hornet Killer	Mint Oil 8% & Sodium Lauryl Sulfate 1%	Green	3	Insecticide
Advion Ant Arena	Indoxacarb	Yellow	2	Insecticide
Agnique MMF	POE Isoocatadecanol	Yellow	2	Insecticide
Aliette	fosetyl aluminum	Yellow	2	Fungicide
Altosid B	methoprene	Yellow	2	Other
Altosid L	methoprene	Yellow	2	Other
Altosid P	methoprene	Yellow	2	Other

Product Name	Active Ingredient	ZONE	Tier	Type
Altosid XR	methoprene	Yellow	2	Other
Aquamaster-Rodeo	glyphosate	Yellow	2	Herbicide
Avid	abamectin	Yellow	2	Miticide/Insecticide
Dormant	petroleum oil	Yellow	2	Insecticide
Green Light	Neem oil	Yellow	2	Insecticide/Fungicide
M-PEDE	potassium salts of fatty acids	Yellow	2	Insecticide
Prostar 70 WP	flutolanil	Yellow	2	Fungicide
Rose Defense	Neem oil	Yellow	2	Insect/Fung
Roundup Pro	glyphosate	Yellow	2	Herbicide
Roundup ProMax	glyphosate	Yellow	2	Herbicide
Safticide Oil	petroluem oil	Yellow	2	Insecticide
Stylet Oil	Petroleum distillates	Yellow	2	Insecticide
Sulf-R-Spray	Parafin oil, sulfur	Yellow	2	Fungicide
Superior Spray Oil	petroleum distillates	Yellow	2	Insecticide
Surflan	oryzalin	Yellow	2	Herbicide
Surflan AS	oryzalin	Yellow	2	Herbicide
Termidor SC	Fipronil	Yellow	2	Insecticide
Triact	Neem oil	Yellow	2	Insecticide/Fungicide
Trilogy	Neem oil	Yellow	2	Insecticide/Fungicide
Wasp-Freeze	allethrim	Yellow	2	Insecticide
Wilco Ground Squirrel Bait	diphacinone	Yellow	2	Other
XL 2G	benefin; oryzalin	Yellow	2	Herbicide
All Special Circumstance materials will continue to require exemptions granted by the IPM Advisory Committee, as provided in the City of Santa Barbara IPM Strategy				
Bayleton	triadimafon triazole	S. C.	1	Fungicide
Conserve	spinosad	S. C.	1	Insecticide
Fumitoxin	Aluminum phosphide	S. C.	1	Rodenticide
Manage	halosulfuron methyl	S. C.	1	Herbicide
Medallion	fludioxonil	S. C.	4	Fungicide
Quick Pro	glyphosate/diquat	S. C.	1	Herbicide
Reward	diquat dibromide	S. C.	1	Herbicide
Rubigan	fenarimol	S. C.	1	Fungicide
Rubigan EC	fenarimol	S. C.	1	Fungicide
Subdue	metalaxyl	S. C.	1	Fungicide
Zp Rode	zinc phosphide	S. C.	1	Rodenticide

Storm Water General Inspection Checklist - City Maintenance Yards

City of Santa Barbara

Storm Water Management Program

Date, Time: 6/1/09	Facility: Corporation Annex Yard
Parcel # 017-540-001, 017-540-006	Facility Rep/Title: Rick Fulmer, Streets Division Mgr.
Inspector/Title: Tim Burgess/Water Resources Specialist	

	GOOD HOUSEKEEPING	(Circle one)
1	Are outside areas kept neat, clean, and orderly? Scale of 1(dirty)-5(clean)	1 2 3 4 5
2	Are brooms/dust pans/shovels available for dry cleaning?	yes no n/a
3	Are storm drain inlets labeled "No Dumping, Flows to Ocean?"	yes no n/a
4	Are garbage cans, waste bins, and dumpsters covered?	yes no n/a
5 a	Are parking lots or other impervious surfaces washed?	yes no n/a
b	If so, is wash water contained and collected, or directed to landscaping?	yes no n/a
6	Are stormwater drainage paths (gutters) clear? Grates clean?	yes no n/a
7 a	Are vehicles or equipment cleaned at this facility?	yes no n/a
b	If yes, is wash water being collected and disposed of properly?	yes no n/a → see notes.

	HAZMAT STORAGE	
8 a	Are vehicles fueled at this location?	yes no n/a
b	If yes, are fuel tanks locked and/or properly operated?	yes no n/a
c	If yes, are measures taken to protect storm drains from spills?	yes no n/a
	Briefly describe: _____	
9	Do aboveground tanks (liquid) have secondary containment?	yes no n/a → see notes.
10	Are containment structures or surface slabs liquid tight?	yes no n/a
11 a	Does this site store hazardous materials such as solvents, pesticides, or acids?	yes no n/a
b	If yes, are containers weathertight or covered?	yes no n/a
c	If yes, are ignitable or reactive wastes stored at least 50 feet from the property line?	yes no n/a
12 a	Has the facility had a hazardous waste spill since the last inspection?	yes no n/a
b	If yes, was the problem resulting in the spill corrected?	yes no n/a

OTHER BEST MANAGEMENT PRACTICES

13 a	Does this site contain materials that could pollute the storm drains or creeks and ocean such as detergent, paint, or powders?	yes	no n/a
b	If yes, are they stored in a manner prohibiting exposure to rain or runoff	yes	no n/a
14	Are waste materials kept on site in closed leaktight containers?	yes	no n/a
15	Are all leaking vehicles or equipment equipped with drip pans?	yes	no n/a
16	Are erodable soils uncovered or exposed to rainwater?		yes no n/a
17 a	Is the ground surface stained by oil or significant materials?	yes	no n/a
b	If yes, has the source been found and contained?		yes no n/a
18	Are truck unloading areas covered?		yes no n/a
19	Does the facility have wastes, products, salvaged materials and recyclables stored properly?	yes	no n/a
20 a	Does the facility have a clarifier/oil/water separator?	yes	no n/a
b	If yes, is it clean and functioning properly?	yes	no n/a
c	What is the maintenance schedule? every 12 weeks		
21 a	Has this facility received a complaint regarding stormwater discharge?	yes	no n/a
b	If yes, has the problem been addressed?		~~yes~~ no n/a
22	Have personnel received training on Stormwater Pollution Prevention?	yes	no n/a
23	Are spill response materials on available on-site? (Circle all that apply)	yes	no n/a

☆ - see notes - street sweeping drop bag.

Sand	Rice Hulls	Sorbent Booms/Pillows /Blankets	Kitty Litter	Neutralizer	Drip Pans	Other (Plea

25 Action Items:

a See attached sheet.

b

c

d

e

f

1. The northeast vehicle wash bay sewer diverter valve is designed to open to the sanitary sewer when vehicles are being washed, and it is closed to sewer when the bay is not in use to allow rain water to drain to the storm drain. The sewer drain stand pipe gets easily clogged with vegatation and other debris washed from trucks. When it is clogged, all other wash water overflows to the storm drain and creek. The structure is not sufficient to handle the amount of water and/or the type of debris that gets washed off of vehicles. Therefore it is easily overwhelmed which allows polluted wash water to flow to the storm drain. The diverter valve needs to be able to handle the flow and debris that is washed to it so that it does not clog. This can be done one or all of the following measures: More effective pretreatment/prefiltering of wash water; resizing the treatment/diverter to handle the wash bay use requirements; More effective or frequent maintenance practices to prevent the diverter from being overwhelmed.
2. Polluted liquid seeping from the street sweeping dump bay flows across the parking lot to the storm drain and creek. The liquid needs to be contained and diverted to sanitary sewer.
3. The above ground emulsion tank does not have secondary containment with sufficient capacity to contain liquid in the event of a spill. The only containment is a 6 inch tall asphalt berm surrounding the tank.

Storm Water General Inspection Checklist - City Maintenance Yards

City of Santa Barbara

Storm Water Management Program

Date, Time: 12/9/09	Facility: Parks/Corporation Yard
Parcel # 031-060-016	Facility Rep/Title Santos Escobar/Parks Dist. Mgr.
Inspector/Title: Tim Burgess/Water Res. Spec.	~~Fac. Rep./Title:~~

	GOOD HOUSEKEEPING	(Circle one)
1	Are outside areas kept neat, clean, and orderly? Scale of 1(dirty)-5(clear)	yes no n/a 3
2	Are brooms/dust pans/shovels available for dry cleaning?	yes no n/a
3	Are storm drain inlets labeled "No Dumping, Flows to Ocean?"	yes no n/a
4	Are garbage cans, waste bins, and dumpsters covered?	yes no n/a
5 a	Are parking lots or other impervious surfaces washed?	yes no n/a
b	If so, is wash water contained and collected, or directed to landscaping?	yes no n/a
6	Are stormwater drainage paths (gutters) clear? Grates clean?	yes no n/a
7 a	Are vehicles or equipment cleaned at this facility?	yes no n/a
b	If yes, is wash water being collected and disposed of properly?	yes no n/a

	HAZMAT STORAGE	
8 a	Are vehicles fueled at this location?	yes no n/a
b	If yes, are fuel tanks locked and/or properly operated?	yes no n/a
c	If yes, are measures taken to protect storm drains from spills?	yes no n/a
	Briefly describe: _____	
9	Do aboveground tanks (liquid) have secondary containment?	yes no n/a - See notes
10	Are containment structures or surface slabs liquid tight?	yes no n/a
11 a	Does this site store hazardous materials such as solvents, pesticides, or acids?	yes no n/a
b	If yes, are containers weathertight or covered?	yes no n/a
c	If yes, are ignitable or reactive wastes stored at least 50 feet from the property line?	yes no n/a
12 a	Has the facility had a hazardous waste spill since the last inspection?	yes no n/a
b	If yes, was the problem resulting in the spill corrected?	yes no n/a

OTHER BEST MANAGEMENT PRACTICES

13 a	Does this site contain materials that could pollute the storm drains or creeks and ocean such as detergent, paint, or powders?	yes no n/a	
b	If yes, are they stored in a manner prohibiting exposure to rain or runoff?	yes no n/a	
14	Are waste materials kept on site in closed leaktight containers?	yes no n/a	
15	Are all leaking vehicles or equipment equipped with drip pans?	yes no n/a	
16	Are erodable soils uncovered or exposed to rainwater?	yes no n/a	
17 a	Is the ground surface stained by oil or significant materials?	yes no n/a	
b	If yes, has the source been found and contained?	yes no n/a	
18	Are truck unloading areas covered?	yes no n/a	
19	Does the facility have wastes, products, salvaged materials and recyclables stored properly?	yes no n/a	
20 a	Does the facility have a clarifier/oil/water separator?	yes no n/a	
b	If yes, is it clean and functioning properly?	yes no n/a	
c	What is the maintenance schedule? – 2x year or as-needed. It is always clean during inspections.		
21 a	Has this facility received a complaint regarding stormwater discharge?	yes no n/a	
b	If yes, has the problem been addressed?	yes no n/a	
22	Have personnel received training on Stormwater Pollution Prevention?	yes no n/a	
23	Are spill response materials on available on-site? (Circle all that apply)	yes no n/a	

Sand | Rice Hulls | Sorbent Booms/Pillows /Blankets | Kitty Litter | Neutralizer | Drip Pans | Other (Plea

25 Action Items:

a From #9: Secondary containment - See attached Sheet.

b

c

d

e

f

The one red flag that came up during the inspection of the Corporation Yard was the waste oil drums on the outside of the mechanics shop. There are three issues with the waste oil:

- The secondary containment tray is getting close to full of a mixture of oil and rainwater.
  The secondary container should be maintained so that it is empty and has the capacity to hold spilled oil from the drums. Some vendors that pick up used oil also offer cleanout of secondary containers. Do you have a vendor that can dispose of the oil/water in the tray?
- The open funnel on the barrels is left uncapped at the end of each day.
  The funnel is threaded into the open hole of the barrel and it looks like it has threads to accept a cap, and it probably doesn't get used everyday, so is it possible to keep it closed when not in use?
- There are open containers containing waste oil on top of the drums that should be dumped into the drums.

Storm Water General Inspection Checklist - City Maintenance Yards

City of Santa Barbara

Storm Water Management Program

Date, Time: 1/26/09 2:00 pm	Facility: Parking Garages
Parcel # #6 Granada Garage 039-183-046, #7 Library 039-232-019	Facility Rep/Title Dion Tait/Parking Supervisor
Inspector/Title: T. Burgess/Water Res. Spec.	~~Fac. Rep./Title:~~

	GOOD HOUSEKEEPING	(Circle one)
1	Are outside areas kept neat, clean, and orderly? Scale of 1(dirty)-5(clear)	yes no n/a – 5
2	Are brooms/dust pans/shovels available for dry cleaning?	yes no n/a
3	Are storm drain inlets labeled "No Dumping, Flows to Ocean?"	yes no n/a
4	Are garbage cans, waste bins, and dumpsters covered?	yes no n/a
5 a	Are parking lots or other impervious surfaces washed?	yes no n/a
b	If so, is wash water contained and collected, or directed to landscaping?	yes no n/a
6	Are stormwater drainage paths (gutters) clear? Grates clean?	yes no n/a
7 a	Are vehicles or equipment cleaned at this facility?	yes no n/a
b	If yes, is wash water being collected and disposed of properly?	yes no n/a

	HAZMAT STORAGE	
8 a	Are vehicles fueled at this location?	yes no n/a
b	If yes, are fuel tanks locked and/or properly operated?	yes no n/a
c	If yes, are measures taken to protect storm drains from spills?	yes no n/a
	Briefly describe: _____	
9	Do aboveground tanks (liquid) have secondary containment?	yes no n/a
10	Are containment structures or surface slabs liquid tight?	yes no n/a
11 a	Does this site store hazardous materials such as solvents, pesticides, or acids?	yes no n/a
b	If yes, are containers weathertight or covered?	yes no n/a
c	If yes, are ignitable or reactive wastes stored at least 50 feet from the property line?	yes no n/a
12 a	Has the facility had a hazardous waste spill since the last inspection?	yes no n/a
b	If yes, was the problem resulting in the spill corrected?	yes no n/a

OTHER BEST MANAGEMENT PRACTICES

13 a	Does this site contain materials that could pollute the storm drains or creeks and ocean such as detergent, paint, or powders?	yes	no n/a
b	If yes, are they stored in a manner prohibiting exposure to rain or runoff	yes no	n/a
14	Are waste materials kept on site in closed leaktight containers?	yes	no n/a
15	Are all leaking vehicles or equipment equipped with drip pans?	yes	no n/a
16	Are erodable soils uncovered or exposed to rainwater?	yes	no n/a
17 a	Is the ground surface stained by oil or significant materials?	yes	no n/a
b	If yes, has the source been found and contained?	yes no	n/a
18	Are truck unloading areas covered?	yes no	n/a
19	Does the facility have wastes, products, salvaged materials and recyclables stored properly?	yes	no n/a
20 a	Does the facility have a clarifier/oil/water separator?	yes	no n/a
b	If yes, is it clean and functioning properly?	yes	no n/a
c	What is the maintenance schedule? - B. - Monthly		
21 a	Has this facility received a complaint regarding stormwater discharge?	yes	no n/a
b	If yes, has the problem been addressed?	yes no	n/a
22	Have personnel received training on Stormwater Pollution Prevention?	yes	no n/a - City-wide training
23	Are spill response materials on available on-site? (Circle all that apply)	yes	no n/a

Sand	Rice Hulls	Sorbent Booms/Pillows /Blankets	Kitty Litter	Neutralizer	Drip Pans	Other (Plea

25	Action Items:
a	
b	
c	
d	
e	
f	

Storm Water General Inspection Checklist - City Maintenance Yards FACILITIES MAINTENANCE SHOPS

City of Santa Barbara

Storm Water Management Program

Date: 12/14/10	Time: 10 am - Allan Goldman.
Parcel # 031-160-016	Facility: Carpenter, Electric Paint, Elect, Plumbr, Carpentry, Welding Radio shop.
Inspector: Tim Burgess	Title: Water Resources Specialist

	GOOD HOUSEKEEPING	(Circle one)
1	Are outside areas kept neat, clean, and orderly? Scale of 1(dirty)-5(clear)	(yes) no n/a
2	Are brooms/dust pans/shovels available for dry cleaning?	(yes) no n/a
3	Are storm drain inlets labeled "No Dumping, Flows to ~~Bay~~ Ocean?"	yes (no) n/a
4	Are garbage cans, waste bins, and dumpsters covered?	yes (no) n/a have lids
5 a	Are parking lots or other impervious surfaces washed?	yes (no) n/a
b	If so, is wash water contained and collected, or directed to landscaping?	yes no (n/a)
6	Are stormwater drainage paths (gutters) clear? Grates clean?	(yes) no n/a
7 a	Are vehicles or equipment cleaned at this facility?	yes (no) n/a
b	If yes, is wash water being collected and disposed of properly?	yes no (n/a)

	HAZMAT STORAGE	
8 a	Are vehicles fueled at this location?	yes (no) n/a
b	If yes, are fuel tanks locked and/or properly operated?	yes no (n/a)
c	If yes, are measures taken to protect storm drains from spills?	yes no (n/a)
	Briefly describe: _____	
9	Do aboveground tanks (liquid) have secondary containment?	yes no (n/a)
10	Are containment structures or surface slabs liquid tight?	(yes) no n/a ?
11 a	Does this site store hazardous materials such as solvents, pesticides, or acids? paint - never spin	(yes) no n/a
b	If yes, are containers weathertight or covered?	(yes) no n/a
c	If yes, are ignitable or reactive wastes stored at least 50 feet from the property line?	yes no (n/a)
12 a	Has the facility had a hazardous waste spill since the last inspection?	yes (no) n/a
b	If yes, was the problem resulting in the spill corrected?	yes no (n/a)

OTHER BEST MANAGEMENT PRACTICES

13 a	Does this site contain materials that could pollute the storm drains or creeks and ocean such as detergent, paint, or powders?	yes	no n/a
b	If yes, are they stored in a manner prohibiting exposure to rain or runoff	yes	no n/a
14	Are waste materials kept on site in closed leaktight containers?	yes	no n/a
15	Are all leaking vehicles or equipment equipped with drip pans?	yes	no n/a
16	Are erodable soils uncovered or exposed to rainwater?	yes	no n/a
17 a	Is the ground surface stained by oil or significant materials?	yes	no n/a
b	If yes, has the source been found and contained?	yes	no n/a
18	Are truck unloading areas covered? P-lot	yes	no n/a
19	Does the facility have wastes, products, salvaged materials and recyclables stored properly? all inside - dumpsters outside.	yes	no n/a
20 a	Does the facility have a clarifier/oil/water separator?	yes	no n/a
b	If yes, is it clean and functioning properly?	yes	no n/a
c	What is the maintenance schedule?		
21 a	Has this facility received a complaint regarding stormwater discharge?	yes	no n/a
b	If yes, has the problem been addressed?	yes	no n/a
22	Have personnel received training on Stormwater Pollution Prevention?	yes	no n/a
23	Are spill response materials on available on-site? (Circle all that apply)	yes	no n/a

Sand	Rice Hulls	Sorbent Booms/Pillows /Blankets	Kitty Litter	Neutralizer	Drip Pans	Other (Plea	Rags

25 Action Items:

a

b

c

d

e

f

Storm Water General Inspection Checklist - City Maintenance Yards

City of Santa Barbara

Storm Water Management Program

Date, Time: 12/17/09 9:00 am	Facility: Golf Maintenance Shop
Parcel # 051-100-003, 051-230-005	Facility Rep/Title Mark Reed/Mgr.
Inspector/Title: Tim Burgess/Water Res. Spec.	~~Fac. Rep./Title~~:

	GOOD HOUSEKEEPING	(Circle one)	
1	Are outside areas kept neat, clean, and orderly? Scale of 1(dirty)-5(clear	(yes) no n/a	
2	Are brooms/dust pans/shovels available for dry cleaning?	(yes) no n/a	
3	Are storm drain inlets labeled "No Dumping, Flows to Ocean?"	yes no (n/a)	
4	Are garbage cans, waste bins, and dumpsters covered?	yes no n/a	
5 a	Are parking lots or other impervious surfaces washed?	(yes) no n/a	runs to golf course
b	If so, is wash water contained and collected, or directed to landscaping?	yes no n/a	
6	Are stormwater drainage paths (gutters) clear? Grates clean?	(yes) no n/a	
7 a	Are vehicles or equipment cleaned at this facility?	(yes) no n/a	
b	If yes, is wash water being collected and disposed of properly?	(yes) no n/a	

	HAZMAT STORAGE		
8 a	Are vehicles fueled at this location?	(yes) no n/a	1000 gal diesel
b	If yes, are fuel tanks locked and/or properly operated?	(yes) no n/a	500 gal gas
c	If yes, are measures taken to protect storm drains from spills?	(yes) no n/a	
	Briefly describe:		
9	Do aboveground tanks (liquid) have secondary containment?	yes no n/a	double walled.
10	Are containment structures or surface slabs liquid tight?	(yes) no n/a	
11 a	Does this site store hazardous materials such as solvents, pesticides, or acids?	(yes) no n/a	
b	If yes, are containers weathertight or covered?	(yes) no n/a	sheds
c	If yes, are ignitable or reactive wastes stored at least 50 feet from the property line?	(yes) ~~no~~ n/a	
12 a	Has the facility had a hazardous waste spill since the last inspection?	yes (no) n/a	
b	If yes, was the problem resulting in the spill corrected?	yes no n/a	

OTHER BEST MANAGEMENT PRACTICES

13 a	Does this site contain materials that could pollute the storm drains or creeks and ocean such as detergent, paint, or powders?	yes no n/a	
b	If yes, are they stored in a manner prohibiting exposure to rain or runoff	yes no n/a	
14	Are waste materials kept on site in closed leaktight containers?	yes no n/a	
15	Are all leaking vehicles or equipment equipped with drip pans?	yes no n/a	
16	Are erodable soils uncovered or exposed to rainwater?	yes no n/a	
17 a	Is the ground surface stained by oil or significant materials?	yes no n/a	
b	If yes, has the source been found and contained?	yes no n/a	
18	Are truck unloading areas covered?	yes no n/a	
19	Does the facility have wastes, products, salvaged materials and recyclables stored properly?	yes no n/a	
20 a	Does the facility have a clarifier/oil/water separator?	yes no n/a	n.a. water treatment tanks (3)
b	If yes, is it clean and functioning properly?	yes no n/a	
c	What is the maintenance schedule? Once a month		
21 a	Has this facility received a complaint regarding stormwater discharge?	yes no n/a	
b	If yes, has the problem been addressed?	yes no n/a	
22	Have personnel received training on Stormwater Pollution Prevention?	yes no n/a	
23	Are spill response materials on available on-site? (Circle all that apply)	yes no n/a	

Sand	Rice Hulls	Sorbent Booms/Pillows /Blankets	Kitty Litter	Neutralizer	Drip Pans	Other (Plea

25 Action Items:

a

b

c

d

e

f

Storm Water General Inspection Checklist - City Maintenance Yards

City of Santa Barbara

Storm Water Management Program

Date, Time: 12/16/09 3:30 pm	Facility: Motor Pool Shops
Parcel # 031-160-015	Facility Rep/Title Alex Mayorga /
Inspector/Title: T. Burgess / Water Resources Spec.	Fac. Rep./Title:

	GOOD HOUSEKEEPING	(Circle one)
1	Are outside areas kept neat, clean, and orderly? Scale of 1(dirty)-5(clean)	yes no n/a
2	Are brooms/dust pans/shovels available for dry cleaning?	yes no n/a
3	Are storm drain inlets labeled "No Dumping, Flows to Ocean?"	yes no n/a
4	Are garbage cans, waste bins, and dumpsters covered?	yes no n/a
5 a	Are parking lots or other impervious surfaces washed?	yes no n/a
b	If so, is wash water contained and collected, or directed to landscaping?	yes no n/a
6	Are stormwater drainage paths (gutters) clear? Grates clean?	yes no n/a
7 a	Are vehicles or equipment cleaned at this facility?	yes no n/a
b	If yes, is wash water being collected and disposed of properly?	yes no n/a

	HAZMAT STORAGE	
8 a	Are vehicles fueled at this location?	yes no n/a
b	If yes, are fuel tanks locked and/or properly operated?	yes no n/a
c	If yes, are measures taken to protect storm drains from spills?	yes no n/a
	Briefly describe: _____	
9	Do aboveground tanks (liquid) have secondary containment?	yes no n/a
10	Are containment structures or surface slabs liquid tight?	yes no n/a
11 a	Does this site store hazardous materials such as solvents, pesticides, or acids?	yes no n/a
b	If yes, are containers weathertight or covered?	yes no n/a
c	If yes, are ignitable or reactive wastes stored at least 50 feet from the property line?	yes no n/a
12 a	Has the facility had a hazardous waste spill since the last inspection?	yes no n/a
b	If yes, was the problem resulting in the spill corrected?	yes no n/a

spill kits

Hydraulic Oil

OTHER BEST MANAGEMENT PRACTICES

13 a	Does this site contain materials that could pollute the storm drains or creeks and ocean such as detergent, paint, or powders?	yes no n/a	
b	If yes, are they stored in a manner prohibiting exposure to rain or runoff	yes no n/a	
14	Are waste materials kept on site in closed leaktight containers?	yes no n/a	double
15	Are all leaking vehicles or equipment equipped with drip pans?	yes no n/a	
16	Are erodable soils uncovered or exposed to rainwater?	yes no n/a	
17 a	Is the ground surface stained by oil or significant materials?	yes no n/a	
b	If yes, has the source been found and contained?	yes no n/a	
18	Are truck unloading areas covered?	yes no n/a	
19	Does the facility have wastes, products, salvaged materials and recyclables stored properly?	yes no n/a	
20 a	Does the facility have a clarifier/oil/water separator? 2 of them	yes no n/a	2002 installed
b	If yes, is it clean and functioning properly? ?	yes no n/a	
c	What is the maintenance schedule? Need to follow up with maint. sched. inquiry. Alex did not have paperwork.		
21 a	Has this facility received a complaint regarding stormwater discharge?	yes no n/a	
b	If yes, has the problem been addressed?	yes no n/a	
22	Have personnel received training on Stormwater Pollution Prevention?	yes no n/a	
23	Are spill response materials on available on-site? (Circle all that apply)	yes no n/a	

Sand | Rice Hulls | Sorbent Booms/Pillows /Blankets | Kitty Litter | Neutralizer | Drip Pans | Other (Plea | absorbent pig blankets

25 Action Items:

a

b 2nd ary containment for new antifreeze and oil (with wheels)

c Spill kit for ~~15~~ 205 gal sized spills

d hydraulic oil on

e

f

Vehicles washed at wash bay which go to clarifier

Storm Water General Inspection Checklist - City Maintenance Yards

City of Santa Barbara

Storm Water Management Program

Date: 12/14/09	Time: 11:00am
Parcel # 055-171-007	Facility: CATER WATER TREATMENT PLANT
Inspector: TIM BURGESS WATER RESOURCES SPEC.	Facility Rep: Paul Dunkley - Water Treatment Supervisor

	GOOD HOUSEKEEPING	(Circle one)
1	Are outside areas kept neat, clean, and orderly? Scale of 1(dirty) 5(clear)	(yes) no n/a
2	Are brooms/dust pans/shovels available for dry cleaning?	(yes) no n/a
3	Are storm drain inlets labeled "No Dumping, Flows to Ocean?"	yes (no) n/a
4	Are garbage cans, waste bins, and dumpsters covered?	(yes) no n/a
5 a	Are parking lots or other impervious surfaces washed?	yes (no) n/a
b	If so, is wash water contained and collected, or directed to landscaping?	yes no (n/a)
6	Are stormwater drainage paths (gutters) clear? Grates clean?	(yes) no n/a
7 a	Are vehicles or equipment cleaned at this facility?	yes (no) n/a
b	If yes, is wash water being collected and disposed of properly?	yes no (n/a)

	HAZMAT STORAGE	
8 a	Are vehicles fueled at this location?	yes (no) n/a
b	If yes, are fuel tanks locked and/or properly operated?	yes no (n/a)
c	If yes, are measures taken to protect storm drains from spills?	yes no (n/a)
	Briefly describe: _____	
9	Do aboveground tanks (liquid) have secondary containment?	(yes) no n/a
10	Are containment structures or surface slabs liquid tight?	(yes) no n/a
11 a	Does this site store hazardous materials such as solvents, pesticides, or acids? - Water treatment chemicals	(yes) no n/a
b	If yes, are containers weathertight or covered?	(yes) no n/a - all indoors.
c	If yes, are ignitable or reactive wastes stored at least 50 feet from the property line?	(yes) no n/a
12 a	Has the facility had a hazardous waste spill since the last inspection?	yes (no) n/a
b	If yes, was the problem resulting in the spill corrected?	yes no (n/a)

OTHER BEST MANAGEMENT PRACTICES

13 a	Does this site contain materials that could pollute the storm drains or creeks and ocean such as detergent, paint, or powders?	yes	no n/a
b	If yes, are they stored in a manner prohibiting exposure to rain or runoff	yes	no n/a
14	Are waste materials kept on site in closed leaktight containers?	yes	no n/a
15	Are all leaking vehicles or equipment equipped with drip pans?	yes no	n/a
16	Are erodable soils uncovered or exposed to rainwater?	yes	no n/a
17 a	Is the ground surface stained by oil or significant materials?	yes	no n/a
b	If yes, has the source been found and contained?	yes no	n/a
18	Are truck unloading areas covered?	yes	no n/a
19	Does the facility have wastes, products, salvaged materials and recyclables stored properly?	yes	no n/a
20 a	Does the facility have a clarifier/oil/water separator?	yes	no n/a
b	If yes, is it clean and functioning properly?	yes no	n/a
c	What is the maintenance schedule?		
21 a	Has this facility received a complaint regarding stormwater discharge?	yes	no n/a
b	If yes, has the problem been addressed?	yes no	n/a
22	Have personnel received training on Stormwater Pollution Prevention?	yes	no n/a
23	Are spill response materials on available on-site? (Circle all that apply)	yes	no n/a

Sand	Rice Hulls	Sorbent Booms/Pillows /Blankets	Kitty Litter	Neutralizer	Drip Pans	Other (Plea

25	Action Items:
a	
b	
c	
d	
e	
f	

Fence Factory Rental Porta Potty Contract - PO #376325

CONTRACT					$4,000
INVOICE	DATE	Service Dates	AMOUNT	SPENT TO DATE	REMAINING
632318	7/11/2008		$190.78	$190.78	**$3,809.22**
632319	7/11/2008		$120.78	$311.56	**$3,688.44**
634262	8/5/2008		$85.78	$397.34	**$3,602.66**
636510	9/9/2008		$85.78	$483.12	**$3,516.88**
638154	9/26/2008		$37.14	$520.26	**$3,479.74**
638428	10/3/2008		$170.78	$691.04	**$3,308.96** increased to 2x weekly s
640220	10/30/2008		$170.78	$861.82	**$3,138.18**
641892	11/25/2008		$170.78	$1,032.60	**$3,431.88**
643903	12/30/2008	12/25/08-1/21/09	$170.78	$1,203.38	**$3,261.10**
645247	1/23/2009	1/22/09-2/18/09	$170.78	$1,374.16	**$3,090.32**
648333	3/2/2009	2/19/09-3/18/09	$170.78	$1,544.94	**$2,919.54**
649411	3/23/2009	3/19/09-4/15/09	$170.78	$1,715.72	**$2,748.76**
651084	4/21/2009	4/16/09-5/13/09	$170.88	$1,886.60	**$2,577.88**
652456	5/14/2009	5/14/09-6/10/09	$170.88	$2,057.48	**$2,407.00**
654251	6/17/2009	6/11/09-7/8/09	$170.88	$2,228.36	**$2,236.12**
655775	7/15/2009	7/9/09-8/5/09	$170.88	$2,399.24	**$2,065.24**
				$2,399.24	**$2,065.24**
Marborg Industries Invoices - Mission Creek at Montecito St. - twice weekly				$2,399.24	**$2,065.24**
				$2,399.24	**$2,065.24**
2185194	9/30/2009	9/1/09-9/30/09	$129.28	$2,528.52	**$1,935.96**
2200597	10/31/2009	10/1/09-10/31/09	$129.28	$2,657.80	**$1,806.68**
2217679	11/30/2009	11/1/09-11/30/09	$129.28	$2,787.08	**$1,677.40**
2231589	12/31/2009	12/1/09-12/31/09	$129.28	$2,916.36	**$1,548.12**
2245344	1/31/2010	1/1/10-1/31/10	$129.28	$3,045.64	**$1,418.84**
2257708	2/28/2010	2/1/10-2/28/10	$129.28	$3,174.92	**$1,289.56**
				$3,174.92	**$1,289.56**
				$3,174.92	**$1,289.56**
				$3,174.92	**$1,289.56**
				$3,174.92	**$1,289.56**
				$3,174.92	**$1,289.56**
				$3,174.92	**$1,289.56**
				$3,174.92	**$1,289.56**
TOTAL			$3,174.92		**$825.08**

7.0 WATERFRONT DEPARTMENT

	Measurable Goals	Status	Modified?
MCM 1 Public Education and Outreach			
1.1	Distribute brochures to tenants and slip holders annually as part of billing statements and to all new slip holders.	Completed and ongoing	No
1.2	Create postings for all slip entrances identifying existing water quality tips and regulations, and potential enforcement actions, using resources from the California Clean Boating Network, and including an information and spill reporting telephone number.	In progress	No
1.3	Include a copy of informational brochures supplied to Waterfront tenants and users on local environmental groups website's, including but not limited to the Community Environmental Council, Project Clean Water, and City of Santa Barbara.	In progress	No
1.4	Formalize presentation process and identify presentation schedule and information number on WFD website.	In progress	No
1.5	Assess effectiveness through annual review of the program.	In progress	No
1.6	Expand program to interface with Regional Clean Marina programs	In progress	No
1.7	Publish and distribute "Docklines" three times per year.	Completed and ongoing	No
1.8	Continue to coordinate with Santa Barbara Channel Keeper and Heal the Ocean to disseminate water quality information at their booths at the annual Harbor & Seafood Festival	Completed and ongoing	No
MCM 2 Public Involvement/Participation			
2.1	Annual reporting at the Harbor Commission.	In progress	No
2.2	Regional Agency Coordination. The WFD is currently responsible to present all BMPs, monitoring activities, water quality sampling, and pollution citation logs to the RWQCB in an Annual Report and in a SWPPP (if updated with additional BMPs / regulations). This documentation is available to the public at the WFD administrative offices and at the RWQCB.	In progress	No
2.3	Notify, at a minimum, 5 schools per year and 2 community groups to encourage local participation in education activities involving the WFD. Increase the number of community grouped / organizations or numbers of attendees each year through advertising or other means of announcements.	In progress	No
2.4	Implement the first Annual Harbor Clean-up Day to encourage and engage the community with the BMPs adopted by the WFD and to encourage community groups to participate in maintenance activities involving the WFD.	In progress	No

MCM 3 Illicit Discharge Detection and Elimination			
3.1	The WFD proposes to submit to the RWQCB an application to allow low-threat, non-storm water discharge. These discharges occur as part of general public use at the harbor and may include the rinsing of boats with fresh water when they are removed from the harbor and washing of WFD vehicles in the maintenance yard.	Completed	No
3.2	Review and update the Clean Marina Program annually.	In progress	No
3.3	Assess effectiveness of Discharge Ordinance and Clean Marina Program. Performed through routine inspections and analysis of the Watch Log and Pollution Warning Log performed by Harbor Patrol and WFD staff.	Completed and ongoing	No
3.4	Respond to 100%of all complaints / detection of illicit / illegal discharge within 24 hours of receiving the complaint / detection. Perform follow-up inspections on 100% of these cases to ensure elimination of the discharge.	Completed and ongoing	No
3.5	Review Harbor Patrol warning & citation logs for illicit discharges and coordinate implementation of additional BMPs as necessary. Monitor and improve existing BMPs as needed as part of existing monitoring requirements. BMPs are monitored and evaluated monthly during the wet season (physically during rain events) and quarterly year-round in dry conditions as part of the Annual Site Evaluation, and SWPPP Annual Reporting.	Completed and ongoing	No
MCM 4 Construction Site Storm Water Runoff Control			
	N/A		
MCM 5 Post Construction Storm Water Management			
	N/A		
MCM 6 Pollution Prevention/Good Housekeeping for Municipal Operations			
6.1	Monitor pollution prevention / good housekeeping practices daily, weekly, monthly, yearly as appropriate as described above.	Completed and ongoing	No
6.2	Assess effectiveness of pollution prevention / good housekeeping practices by thorough review of monitoring, recording, and reporting efforts.	Completed and ongoing	No
6.3	Update SWPPP to include modified or additional BMPs as appropriate.	Completed and ongoing	No
6.4	Monitor storm water quality twice annually during wet season, as part of existing storm water pollution prevention program (SWPPP).	Completed	No

PUBLIC EDUCATION AND OUTREACH

The WFD administrative staff is responsible for implementation of Public Education and Outreach Minimum Control Measure.

Measurable Goal 1.1: Distribute brochures to tenants and slip holders annually as part of billing statements and to all new slip holders. Year 1-5

Status: Completed routinely through monthly slip billing to tenants and slip holders.
Proposed Modifications: No changes are recommended.
Planned Year 2 Activities: No additional activities proposed in Year 2.

Measurable Goal 1.2: Create postings for all slip entrances identifying existing water quality tips and regulations, and potential enforcement actions, using resources from the California Clean Boating Network, and including an information and spill reporting telephone number. Year 2-5
Status: Compiling information for postings. Implement in Year 2.
Proposed Modifications: No changes are recommended.
Planned Year 2 Activities: No additional activities proposed in Year 2.

Measurable Goal 1.3: Include a copy of informational brochures supplied to Waterfront tenants and users on local environmental groups website's, including but not limited to the Community Environmental Council, Project Clean Water, and City of Santa Barbara. Year 2-5
Status: On schedule for implementation in Year 2.
Proposed Modifications: No changes are recommended.
Planned Year 2 Activities: Implement goal.

Measurable Goal 1.4: Formalize presentation process and identify presentation schedule and information number on WFD website. Year 2-5
Status: On schedule for implementation in Year 2.
Proposed Modifications: No changes are recommended.
Planned Year 2 Activities: WFD will continue to update the presentation process and information on the website as necessary in Year 2.

Measurable Goal 1.5: Assess effectiveness through annual review of the program. Year 1-5
Status: Quarterly reporting results will be compiled and assessed at the end of year 1.
Proposed Modifications: No changes are recommended.
Planned Year 2 Activities: Complete assessment in annual review in Year 2.

Measurable Goal 1.6: Expand program to interface with Regional Clean Marina programs. Year 3--5
Status: On schedule for implementation in Year 3.
Proposed Modifications: No changes are recommended.
Planned Year 2 Activities: Implement goal in Year 3.

Measurable Goal 1.7: Publish and distribute "Docklines" three times per year. Year 1-5
Status: Docklines was published and distributed in April 2009 and two more editions are scheduled for June and December 2009.
Proposed Modifications: No changes are recommended.
Planned Year 2 Activities: Continue to publish and distribute “Docklines” three times in Year 2.

Measurable Goal 1.8: Continue to coordinate with Santa Barbara Channel Keeper and Heal the Ocean to disseminate water quality information at their booths at the annual Harbor & Seafood Festival. Year 1-5
Status: The Santa Barbara Harbor & Seafood Festival is held annually in October. Coordination and dissemination of water quality information will occur as needed.
Proposed Modifications: No changes are recommended.
Planned Year 2 Activities: Continue coordination in Year 2.

PUBLIC INVOLVEMENT/PARTICIPATION

The WFD is responsible for implementation of the Public Involvement/Participation Minimum Control Measures. The WFD holds forums and meetings with Waterfront users, specifically boaters, to explain the provisions of the Discharge Ordinance and Berthing Standards. Clean boating information is disseminated to boaters in collaboration with the California Clean Boating Network.

Measurable Goal 2.1: Annual reporting at the Harbor Commission. Year 1-5
Status: Annual reporting at the Harbor Commission will be completed at the end of this reporting year.
Proposed Modifications: No changes are recommended.
Planned Year 2 Activities: Annual reporting at the Harbor Commission in Year 2.

Measurable Goal 2.2: Regional Agency Coordination. The WFD is currently responsible to present all BMPs, monitoring activities, water quality sampling, and pollution citation logs to the RWQCB in an Annual Report and in a SWPPP (if updated with additional BMPs / regulations). This documentation is available to the public at the WFD administrative offices and at the RWQCB. Year 1-5
Status: The Annual Report and any additional updates to the SWPPP are reported to the RWQCB by July 1 for the previous year (July to June). The Annual Report and SWPPP updates are in progress.
Proposed Modifications: No changes are recommended.
Planned Year 2 Activities: Annual Report and SWPPP updates (if needed) at the end of Year 2.

Measurable Goal 2.3: Notify, at a minimum, 5 schools per year and 2 community groups to encourage local participation in education activities involving the WFD. Increase the number of community groups/organizations or numbers of attendees each year through advertising or other means of announcements. Year 1-5
Status: Encouraging involvement in the WFD by local schools and community groups is in progress.
Proposed Modifications: No changes are recommended.
Planned Year 2 Activities: Continue notifications and maintain involvement of community groups/organizations in Year 2.

Measurable Goal 2.4: Implement the first Annual Harbor Clean-up Day to encourage and engage the community with the BMPs adopted by the WFD and to encourage community groups to participate in maintenance activities involving the WFD. Year 3-5
Status: On schedule for implementation in Year 3.
Proposed Modifications: No changes are recommended.
Planned Year 2 Activities: Implement goal in Year 3.

ILLICIT DISCHARGE AND ELIMINATION

Implementation of the Illicit Discharge and Elimination of minimum control measures is the primary responsibility of the Harbor Patrol officers. When illicit discharges occur, they are corrected by explaining the Discharge Ordinance violation and appropriate BMPs to eliminate the discharge. Explanation of the Discharge Ordinance and appropriate BMPs to eliminate the discharge is usually adequate. Formal enforcement cases are rare but occur when a violator repeatedly creates an illicit discharge and does nothing to eliminate it. Fines can be imposed on violators of the ordinance.

Measurable Goal 3.1: The WFD proposes to submit to the RWQCB an application to allow low-threat, non-storm water discharge. These discharges occur as part of general public use at the harbor and may include the rinsing of boats with fresh water when they are removed from the harbor and washing of WFD vehicles in the maintenance yard. Year 2-5
Status: RWQCB staff directed WFD to identify and include low-threat discharges, including BMPs, in SWPPP.

SWPPP was updated in July 2008.
Proposed Modifications: Delete this goal.
Planned Year 2 Activities: None. Goal recommended for deletion.

Measurable Goal 3.2: Review and update the Clean Marina Program annually. Year 1-5
Status: The review and updating of the Clean Marina Program will occur at the end of Year 1. **Proposed Modifications**: No changes are recommended.
Planned Year 2 Activities: The review and update will occur again in Year 2.

Measurable Goal 3.3: Assess effectiveness of Discharge Ordinance and Clean Marina Program. Performed through routine inspections and analysis of the Watch Log and Pollution Warning Log performed by Harbor Patrol and WFD staff. Year 1-5
Status: Inspections and analysis of Watch Log and Pollution Warning Log are performed routinely by Harbor Patrol and WFD staff. The effectiveness of Discharge Ordinance and Clean Marina Program will be assessed in Year 1.
Proposed Modifications: No changes are recommended.
Planned Year 2 Activities: Continue assessment and inspections in Year 2.

Measurable Goal 3.4: Respond to 100% of all complaints / detection of illicit/illegal discharge within 24 hours of receiving the complaint/detection. Perform follow-up inspections on 100% of these cases to ensure elimination of the discharge. Year 1-5
Status: The Harbor Patrol responds to and follows-up on all notifications and observations of illicit or illegal discharges and keeps a warning & citation log of such occurrences that are included in the SWPPP Annual Report to the RWQCB.
Proposed Modifications: No changes are recommended.
Planned Year 2 Activities: Continue response and follow-up in Year 2.

Measurable Goal 3.5: Review Harbor Patrol warning & citation logs for illicit discharges and coordinate implementation of additional BMPs as necessary. Monitor and improve existing BMPs as needed as part of existing monitoring requirements. BMPs are monitored and evaluated monthly during the wet season (physically during rain events) and quarterly year-round in dry conditions as part of the Annual Site Evaluation, and SWPPP Annual Reporting. Year 1-5
Status: Review of the Harbor Patrol warning & citation logs is performed annually during the preparation of the SWPPP Annual Report. BMPs were monitored and evaluated monthly during rain events within one hour of the start of run-off and during quarterly monitoring during dry conditions. Monthly wet monitoring occurred on 25 November 2008, 5 February 2009, and 7 April 2009. Quarterly monitoring occurred on 19 September 2008, 31 December 2008, and 18 March 2009, with one additional monitoring scheduled to occur between April and June 2009.
Proposed Modifications: No changes are recommended.
Planned Year 2 Activities: Continue SWPPP requirements with wet and dry condition monitoring in Year 2.

CONSTRUCTION SITE STORM WATER RUNOFF CONTROL

No Measurable Goals have been established for MCM 4 or 5. The existing General Industrial Permit covers operations within the Waterfront area. Construction within the Waterfront area is considered an independent action and is permitted and managed under the purview of the Public Works Department and therefore regulated under the City of Santa Barbara's NPDES Storm Water Management Plan (SWMP) (Appendix A: Erosion/Sedimentation Control Policy). No substantial construction would likely occur because the waterfront area is generally built out and no expansion is proposed. Should construction occur in the form of remodels/redevelopment within the waterfront area, construction BMPs would be implemented through the Public Works Department following requirements outlined in the SWMP. Enforcement of post-construction

BMPs would be conducted through existing daily monitoring at the waterfront by the Harbor Patrol and through existing storm water management program monitoring protocols. Any operations associated with redevelopment and new construction would be managed under the existing General Industrial Permit and in the event that redevelopment/new construction changes the general uses of the waterfront area (very unlikely), the SWPPP will be revised to incorporate the new programs.

POST-CONSTRUCTION STORM WATER MANAGEMENT

Same as above.

POLLUTION PREVENTION/GOOD HOUSEKEEPING FOR MUNICIPAL OPERATIONS

Measurable Goal 6.1: Monitor pollution prevention/good housekeeping practices daily, weekly, monthly, yearly as appropriate. Year 1-5
Status: The Harbor Patrol conducts daily monitoring of pollution prevention/good housekeeping practices. Monthly and quarterly monitoring is conducted under the SWPPP monitoring plan by a consultant to the WFD.

Proposed Modifications: No changes are recommended.
Planned Year 2 Activities: Monitoring will continue in Year 2.

Measurable Goal 6.2: Assess effectiveness of pollution prevention/good housekeeping practices by thorough review of monitoring, recording, and reporting efforts. Year 1-5
Status: Thorough review of monitoring, recording, and reporting efforts is conducted annually during the preparation of the SWPPP Annual Report or more frequently if issues occur.
Proposed Modifications: No changes are recommended.
Planned Year 2 Activities: Assessment to continue in Year 2.

Measurable Goal 6.3: Update SWPPP to include modified or additional BMPs as appropriate. Year 1-5
Status: The SWPPP was updated in July 2008 to add BMPs associated with low-threat discharges.
Proposed Modifications: No changes are recommended.
Planned Year 2 Activities: SWPPP update to occur, if necessary, in Year 2.

Measurable Goal 6.4: Monitor storm water quality twice annually during wet season, as part of existing storm water pollution prevention program (SWPPP). Year 1-5
Status: Storm water samples were collected during the first two qualifying rain events during monthly wet monitoring that occurred on 25 November 2008 and 5 February 2009. Analysis of water quality will be reported in the SWPPP Annual Report.
Proposed Modifications: No changes are recommended.
Planned Year 2 Activities: Monitoring will continue in Year 2.

Measurable Goal 6.5: Review Waterfront Department SWPPP annually for compliance with City of Santa Barbara SWMP. Annually, Years 1-5.
Status: The Santa Barbara Harbor SWPPP was late updated in July 2008 for compliance with the City of Santa Barbara SWMP.
Proposed Modifications: No changes are recommended.
Planned Year 2 Activities: SWPPP will be reviewed in Year 2.

8.0 AIRPORT DEPARTMENT

Public Education and Outreach

Year	BMP	Implementation Details	Measurable Goal	Responsible Airport Div.	2009 Status
1	Storm drain labeling	Year 1 – Identify and label 100% of "at risk" storm water inlets.	100% of "at risk" inlets labeled.	Operations Manager	**First Quarter -** Completed – New drains labeled as needed. Additional labels have been ordered.
					Second Quarter – Additional curb markers were received and will be used as necessary to label new or re-label existing "at risk" inlets.
					Third Quarter – Completed.
					Fourth Quarter - Completed
1 - 5	Tenant outreach and education	Annually provide storm water educational materials to Airport tenants via direct mail.	100% of Airport tenants receiving direct mailers.	Assistant Airport Director	**First Quarter -** Tenants received direct mailers in March focused on the impact of non-storm water discharges. Many of the mailers were sent via e-mail.
					Second Quarter – Tenants received direct mailers in June focused on sources of storm water pollution. Most were distributed via e-mail.
					Third Quarter - Tenants received direct mailers in September. The mailer included a basic storm water pollution prevention checklist for business owners. The self inspection checklist helps tenants identify storm water issues on their leaseholds.
					Fourth Quarter – No storm water educational materials were distributed to Airport tenants during the fourth quarter.
1 - 5	Airport employee and user awareness campaign	Annually produce and distribute storm water management articles to Airport staff and Airport users via *The Beam* employee newsletter and/or the General Aviation newsletter.	75% of Airport staff and/or based aircraft owners receive newsletter that includes storm water educational material.	Airport Director	**First Quarter -** No staff or user awareness materials were distributed during the first quarter.
					Second Quarter - No staff or user awareness materials were distributed during the second quarter.
					Third Quarter - No staff or user awareness materials were distributed during the third quarter.
					Fourth Quarter – A General Aviation newsletter was produced and distributed on December 16, 2009, to all owners of aircraft based in Santa Barbara County (with a SB County address). One article was directed at preventing storm water pollution related to the operation

					of general aviation aircraft. The newsletter was also distributed via e-mail to all airport staff.
1	Provide internet access to storm water resources.	Provide links to storm water resources on the flysba.com website with an emphasis on pollutants of concern.	Number of webpage visits	Env. Compliance Officer	**First Quarter -** The Airport's storm water page, that includes general industrial permit, MS4 and IPM information, was visited 194 times in the first quarter.
					Second Quarter – A link is provided to the CASQA website. Links to information about the NPDES MS4 and Industrial Storm Water Discharge programs are also available. The webpage was visited 315 times during the second quarter. No more detailed statistics are available on use of the links to storm water resources.
					Third Quarter – A new Airport website was debuted during the third quarter. Links to Airport storm water permit requirements, storm water pollution prevention and management plans and links to other resources are posted. Accurate counts of numbers of visits are not available for the third quarter.
					Fourth Quarter - The storm water/IPM webpage was visited 243 times during the fourth quarter. The page includes links to storm water resources and information about NPDES, Industrial storm water requirements and Municipal storm water, along with links to Airport storm water management plans.

Public Involvement and Participation

Year	BMP	Implementation Details	Measurable Goal	Responsible Airport Div.	2009 Status
2 & 4	Goleta Slough Management Committee Review of the SWMP and Results	Airport Department will report to GSMC and seek comments biennially in years 2 & 4.	Number of reports presented to GSMC.	Project Planner	**First Quarter -** Not applicable in year 1.
					Second Quarter - Not applicable in year 1.
					Third Quarter - Not applicable in year 1.
					Fourth Quarter - NA
2-5	Public Review of the SWMP and Results	Airport Department will continually post the current	Number of webpage visits or comments	Env. Compliance Officer	**First Quarter -** A link to the Santa Barbara SWMP has been posted on the Airport's website.

		SWMP and annual reports on the Airport's website. Public will be invited to review and comment on the materials provided.	received.		No comments were received.
					Second Quarter - No comments were received. The Airport storm water webpage was visited 315 times during the second quarter.
					Third Quarter - A new Airport website debuted during the third quarter. Links to Airport storm water permit requirements, storm water pollution prevention and management plans and links to other resources are posted. Accurate counts of numbers of visits are not available for the third quarter. Users were invited, but did not submit comments regarding the Airport storm water program during the third quarter.
					Fourth Quarter – The Airport storm water webpage was visited 243 times during the fourth quarter. A link to the MS4 annual report will be added when the first report is produced.
1	Public Notification	Continue standard notice procedure for public meetings.		Airport Director	**First Quarter -** No agenda items directly related to the SWMP were noticed or discussed by Airport Commission during the first quarter.
					Second Quarter - No agenda items directly related to the SWMP were noticed or discussed by Airport Commission during the second quarter.
					Third Quarter – No storm water items were heard by Airport Commission during the third quarter.
					Fourth Quarter - No agenda items directly related to the SWMP were noticed or discussed by Airport Commission during the fourth quarter.
1	Public Meetings/Hearings	Continue to provide opportunity for public comment during public meetings.		Airport Director	**First Quarter -** The public was provided an opportunity to comment at each Airport Commission meeting held during the first quarter.
					Second Quarter - The public was provided an opportunity to

					comment at each Airport Commission meeting held during the second quarter.
					Third Quarter – The public was provided an opportunity to comment on items not on the agenda at each Airport Commission meeting held during the third quarter. No public comments related to storm water were received.
					Fourth Quarter - The public was provided an opportunity to comment on items not on the agenda at each Airport Commission meeting held during the third quarter. No public comments related to storm water were received during the fourth quarter.

Illicit Discharge Detection and Elimination

Year	BMP	Implementation Details	Measurable Goal	Responsible Airport Div.	2009 Status
1-5	Visual inspection	Visually inspect storm water outfalls quarterly during dry weather and monthly during qualifying wet season rain events.	Conduct quarterly dry weather inspections and monthly inspections during the wet season.	Operations	**First Quarter -** One dry weather inspection of the Airport storm water collection system was conducted during the first quarter on January 8, 2009. A wet weather inspection was conducted on February 5, 2009.
					Second Quarter - One dry weather inspection of the Airport storm water collection system was conducted during the second quarter on May 5, 2009. No qualifying storm events occurred during the second quarter, so no wet weather inspections were performed.
					Third Quarter – Third quarter dry weather inspection conducted July 15.
					Fourth Quarter - Fourth quarter dry weather visual inspection was performed on October 6, 2009. A wet weather inspection was conducted during the first rain event of the wet season on October 13, 2009. No other qualifying rain

					events occurred.
1-5	Annual Comprehensive Site Compliance Evaluation (ACSCE) of Industrial Permit coverage area	Conduct an ACSCE of Industrial Permit coverage area to assess conditions and effectiveness of Industrial Storm Water Program	Conduct annual ACSCE inspection	Env Compliance Officer	**First Quarter -** No ACSCE was conducted during the first quarter.
					Second Quarter – An annual comprehensive site compliance evaluation was conducted in June of businesses located in the Industrial Permit coverage area.
					Third Quarter - ACSCE was conducted in June. No ACSCE inspection during third quarter.
					Fourth Quarter – Annual inspection was conducted in June. No ACSCE was required or scheduled for the fourth quarter.
1-5	Sampling	Sample storm water twice from collection systems 1,2,5,6,9b and 10 per criteria established in the SWPPP.	Samples collected during 2 qualifying storm events.	Operations	**First Quarter –** Storm water samples were collected on February 5, 2009, during the first qualifying storm event.
					Second Quarter – No qualifying storm event occurred during the second quarter. No samples were taken.
					Third Quarter – No qualifying storm event occurred during the third quarter. No samples were taken.
					Fourth Quarter – Sampled first storm event of the 2009/2010 rainy season on October 13, 2009. No other qualifying rain events occurred.
1-5	Provide storm water educational materials and information	Distribute storm water related information to Airport employees, tenants and users.	See MCM 1, BMPs 2 & 3.	Airport Director/ Assistant Director	**First Quarter -** Tenants received direct mailers in March focused on the impact of non-storm water discharges. Many of the mailers were sent via e-mail.
					Second Quarter - Tenants received direct mailers in June focused on sources of storm water pollution. Most were distributed via e-mail.
					Third Quarter – Tenants received direct mailers in September. The mailer included a basic storm water pollution prevention checklist for business owners. The self inspection checklist helps tenants identify storm water issues on their leaseholds.
					Fourth Quarter - A General Aviation newsletter was produced

					and distributed on December 16, 2009, to all owners of aircraft based in Santa Barbara County (with a SB County address). One article was directed at preventing storm water pollution related to the operation of general aviation aircraft. The newsletter was also distributed via e-mail to all airport staff.
	County Business Plans	Maintain list of tenants with County Business Plans.	Update list annually	Env. Compliance Officer	**First Quarter -** List was not updated during the first quarter.
					Second Quarter - List was not updated during the second quarter.
					Third Quarter - List was not updated during the third quarter.
					Fourth Quarter – Downloaded list (dated 5/27/09) from County Fire website on 12/17/09. List named all sites in SB County with a Business Plan. Twenty are located on Airport property.
1-5	Receive reports of storm water quality issues via the Project Clean Water Hotline – 1 - (877)OUR-OCEAN.	Investigate all reports received of non-storm water discharges and illicit connections reported via the storm water hotline and other channels.	Investigate 100% of reports of non-storm water discharges and illicit connections.	Env. Compliance Officer	**First Quarter -** No non-storm water discharges or illicit connections were reported or observed during the first quarter.
					Second Quarter – Airport responded to one report of illegal dumping during the second quarter. Tenant reported discoloration of creek water to Airport Security Operations Center. Investigation revealed that the material was discharged to San Pedro Creek via a storm water inlets located in the City of Goleta. Airport contacted County Fire to prevent further discharge. U.S. Coast Guard took the lead in the clean-up.
					Third Quarter - No non-storm water discharges or illicit connections were reported or observed during the third quarter.
					Fourth Quarter - No non-storm water discharges or illicit connections were reported or observed during the fourth quarter
1-5	Maintain storm drain system map.	Airport staff use storm drain system map (block book) and submit error	Periodically update map as needed.	Airport Engineer	**First Quarter -** Map changes are being tracked for future map updates.
					Second Quarter - Map changes are being tracked for future map

		reports when inaccuracies are noted. Map is update periodically to reflect corrections noted in error reports.			updates.
					Third Quarter – Discrepancies and changes are noted and tracked for future map/block book updates.
					Fourth Quarter – Updates tracked for future block book updates. Block book includes maps and descriptions of Airport infrastructure not limited to storm drains.
1-5	Enforce SBMC 14.56.070, titled "Connecting with City Drain System - Permit Required" which prohibits illicit connection to storm sewers.	When illicit storm sewer system connections are detected, use Municipal Code to encourage removal in cases where alternative enforcement mechanisms, such as enforcement of existing lease terms, are ineffective.	Eliminate 100% of illicit storm sewer connections that are detected.	Env. Compliance Officer	**First Quarter -** No illicit connections were identified during the first quarter.
					Second Quarter - No illicit connections were identified during the second quarter.
					Third Quarter - - No illicit connections were identified during the third quarter.
					Fourth Quarter - No illicit connections were identified during the fourth quarter.

Control of Construction Site Runoff

Year	BMP	Implementation Details	Measurable Goal	Airport RP	2009 Status
1 -5	Comply with City (and other agencies with jurisdiction) permit conditions regarding control of constructio n site runoff.	All Airport Department construction projects requiring a building permit will continue to be governed by City conditions of approval, including control of construction site runoff.	Minimize percentage of construction projects with violations of permit conditions related to storm water management with a goal of 100% compliance.	Airport Engineer	**First Quarter -** No violations were noted during the first quarter.
					Second Quarter - No violations were noted during the second quarter. Projects included: o Terminal o QTA o Thermal imaging cameras o Memorial
					Third Quarter – No violations were noted during the third quarter. Projects included: o Terminal o QTA o Streets/taxiway overlay/slurry
					Fourth Quarter – No violations were noted during the fourth quarter. Projects included: o Terminal o QTA o Water line

					o Slurry/overlay
1 -5	Airport tenant projects comply with permit conditions regarding control of constructio n site runoff.	All Airport tenant construction projects requiring a building permit will continue to be governed by City conditions of approval, including control of construction site runoff.	Minimize percentage of construction projects with violations of permit conditions related to storm water management with a goal of 100% compliance.	Env. Compliance Officer	**First Quarter -** No violations were noted during the first quarter.
					Second Quarter - No permitted tenant projects were under construction in the second quarter.
					Third Quarter – Preliminary list of projects: LFR – no violations noted during sampling project
					Fourth Quarter - No permitted tenant projects were under construction in the fourth quarter.

Post-Construction Storm Water Management

Year	BMP	Implementation Details	Measurable Goal	Airport RP	2009 Status
1 -5	Comply with City (and other agencies with jurisdiction) permit conditions regarding post-construction storm water management.	All Airport Department construction projects requiring a building permit will continue to be governed by City conditions of approval, including post-construction storm water management.	Maintain 100% of structural storm water BMPs in accordance with conditions of approval established for the project	Operation s Manager	**First Quarter -** Structural BMPs are maintained on a regular basis.
					Second Quarter – Airport structural BMPs are regularly maintained. See details below for BMP maintenance frequencies.
					Third Quarter - Airport structural BMPs are regularly maintained via preventative maintenance work orders. See below for frequency of inspection on specific structural BMPs.
					Fourth Quarter - Airport structural BMPs are regularly maintained via preventative maintenance work orders. See below for frequency of inspection on specific structural BMPs. **Note that inspection of filtered inlets was completed only twice during the year.**

Pollution Prevention and Good Housekeeping

Y ea r	BMP	Implementati on Details	Measur able Goal	Respo nsible Airpo rt Div.	2009 Status
1-	Off-	Perform	Continu	Operat	**First Quarter -** On –going. Airport equipment and vehicles

5	Site Preventative Airport Vehicle and Equipment Maintenance	regular maintenance of Airport vehicles and equipment off-site.	e agreement with City Motor Pool to perform regular maintenance off-site.	ions Manager	are serviced off-site.
					Second Quarter - On –going. Airport equipment and vehicles are routinely serviced off-site.
					Third Quarter – On-going. Routine preventative maintenance and major repairs of Airport vehicles and equipment are performed off-Airport at the City's motor pool maintenance facility.
					Fourth Quarter - Ongoing. Airport vehicles and equipment are routinely maintained off-site at the City motor pool facility.
1-5	Covered Storage Areas	Provide covered storage areas for most Airport vehicles, equipment and materials.	Provide at least 5625 square feet of covered parking for Airport equipment and vehicles.	Maintenance Supervisor	**First Quarter -** Covered storage is in place.
					Second Quarter – Covered storage areas are provided for Airport equipment and vehicles.
					Third Quarter – Covered storage areas are provided for Airport equipment and vehicles.
					Fourth Quarter – Approximately 5625 ft^2 of covered storage areas are provided for Airport equipment and vehicles.
1-5	Employee Training	Provide annual training for Airport Maintenance staff on each of the following topics: • Best management practices, • Spill prevention and response • Hazard communication	75% percent of Maintenance employees attending storm water training.	Maintenance Supervisor	**First Quarter -** No training was provided during the first quarter. Airport is developing an on-line storm water training curriculum for employees. Staff did receive training on Personal Protective Equipment in January.
					Second Quarter – Online pollutant source training course is ready for use . Appropriate staff will take training during upcoming quarters.
					Third Quarter – UPDATED 12/17/09: Spill prevention and response training provided for Maintenance staff on July 22, 2009. **Maintenance staff (Custodians) received Hazard Communication training on 9/16/09.**
					Fourth Quarter – No training provided during the fourth quarter. Staff BMP training exceeded the 12 month interval. Last BMP training was provided November 2008 (13 months).
1-5	Aircraft Fuel Dispenser Training	Airport tenants that fuel aircraft are required to comply with FAR Part 139	Compliance with FAR Part 139 fuel dispens	Operations Manager	**First Quarter -** FAA inspection of Airport FBO fuel dispenser training compliance will occur in April.
					Second Quarter – FAA Certification inspection was conducted in May. No discrepancies were noted regarding fuel dispenser training.
					Third Quarter – This is an on-going requirement for businesses dispensing fuel at the Airport. No FAA

		fueling requirements.	er training require ment.		inspection was conducted during the third quarter.
					Fourth Quarter - This is an on-going requirement for businesses dispensing fuel at the Airport. An FAA certification inspection is scheduled for January 2010.
1-5	Airport Wash Racks	Provide wash racks for rental cars, aircraft and equipment.	Inspect wash racks quarterly.	Maint enance Super visor	**First Quarter -** Wash racks for rental cars and Airport equipment were inspected 7 times during the first quarter. Aircraft wash rack was inspected 3 times.
					Second Quarter - Airport equipment and rental car wash racks were inspected 5 times during the second quarter. The aircraft wash rack was inspected three times.
					Third Quarter – Equipment and rental car wash racks were inspected six times during the quarter. The aircraft wash rack was inspected three times.
					Fourth Quarter – Equipment and car rental wash racks were inspected five times during the fourth quarter. Note that use of the car rental wash rack will be phased out with completion of the new consolidated car rental facility. The aircraft wash rack was inspected three times in the fourth quarter.
1-5	Lavatory Disposal Station	Provide an aircraft lavatory disposal station.	Inspect lav cart disposal station quarterly.	Maint enance Super visor	**First Quarter -** Lav cart disposal station was inspected weekly during the first quarter.
					Second Quarter - Lav cart disposal station was inspected 12 times during the second quarter as a preventative maintenance work order.
					Third Quarter – Lift station and lav cart disposal station was inspected 13 times during the quarter.
					Fourth Quarter – Lav cart disposal station and lift stations were inspected 13 times during the fourth quarter.
1-5	Used Oil Collection Station	Provide a used oil collection station for pilots.	Inspect used oil collection facility monthly.	Maint enance Super visor	**First Quarter -** Used oil collection facility is in place. Inspected twice in March.
					Second Quarter – Used oil collection station was inspected 5 times during the second quarter per preventative maintenance work order.
					Third Quarter – The used oil collection station was inspected 4 times during the third quarter.
					Fourth Quarter – Used oil collection station was inspected 6 times during the fourth quarter. The collection barrel was also emptied once this quarter. The contents of the barrel were found to be contaminated with hazardous waste. Airport may further limit access to the collection station to discourage dumping of hazardous wastes.
1-5	Spill Response Supplies	Maintain an adequate inventory of spill response supplies.	Inspect Airport spill supplies monthly.	Maint enance Super visor	**First Quarter -** Spill supplies were not inspected during the first quarter.
					Second Quarter - Spill supplies are inspected monthly per a preventative maintenance work order. Last inspection June 17.
					Third Quarter – Spill cart supplies were inspected three times during the third quarter.
					Fourth Quarter – Spill response supplies were inspected three times during the fourth quarter. The spill collection containers are also monitored during these inspections.

1-5	Integrated Pest Management	Post a City Integrated Pest Management Strategy link on the Airport website to educate the public and reduce the use and potential discharge of pesticides.	Number of visits to IPM webpage.	Env. Compliance Officer	**First Quarter -** IPM links have been posted on the Airport website. The Airport's storm water page, that includes general industrial permit, MS4 and IPM information, was visited 194 times in the first quarter. Unable to report use statistics for the following links that appear on the Airport storm water webpage. http://www.santabarbaraca.gov/Resident/Community/Parks_and_Beaches/Integrated_Pest_Management.htm http://www.ipm.ucdavis.edu/QT/index.html
					Second Quarter - The storm water/IPM webpage was visited 315 times during the second quarter. No detailed statistics are available on use of the links to IPM reference materials.
					Third Quarter – New Airport website was unveiled during the third quarter. Links to IPM resources are available on the storm water page. Page visit counts are not available for the third quarter.
					Fourth Quarter - The storm water/IPM webpage was visited 243 times during the fourth quarter.
1-5	Covered dumpsters	Encourage Airport employees to remain vigilant in covering dumpsters.	Incorporate topic in Airport maintenance employee BMP training	Maintenance Supervisor	**First Quarter -** Airport is developing a web based storm water training curriculum. This topic will be incorporated in the training materials.
					Second Quarter – Covered dumpsters are presented as a source control BMP in the on-line storm water pollutant source training.
					Third Quarter - Covered dumpsters are discussed as a source control BMP in the on-line storm water pollutant source training.
					Fourth Quarter - Covered dumpsters are discussed as a source control BMP in the on-line storm water pollutant source training.
1-5	Use dry clean-up practices	Airport staff use dry clean-up practices when possible and deploy appropriate BMPs when wet wash techniques are required.	Incorporate topic in Airport maintenance employee BMP training.	Maintenance Supervisor	**First Quarter -** Airport is developing a web based storm water training curriculum. This topic will be incorporated in the training materials.
					Second Quarter – Use of dry clean-up methods is emphasized in the spill response PowerPoint training.
					Third Quarter – Spill response Powerpoint training was presented to Maintenance staff in July.
					Fourth Quarter – Completed during third quarter.
1-5	Outdoor material storage	Applies to outdoor storage of materials by the Airport	Airport facilities 100 % compliant with	Maintenance Supervisor	**First Quarter -** No outdoor storage.
					Second Quarter – A mulch pile was generated and stored on an unpaved lot without a cover or dike.
					Third Quarter – A small amount of mulch is still stored on site. Mulch is located on an unpaved lot. Lot is a

		Department not associated with permitted construction projects	outdoor material storage BMPs		significant distance from any storm water inlet. No other outdoor storage of raw materials.
					Fourth Quarter – Mulch has been used. No other outdoor storage of raw material observed.
1-5	Inspection of structural BMP devices.	Quarterly inspect and clean or replace, if necessary, filters and traps in structural BMP devices installed on the Airport.	At least 70% of Airport inlets equipped with a structural BMP inspected quarterly.	Maintenance Supervisor	**First Quarter -** Inspected in January
					Second Quarter – UPDATED 10/30/09 - Inlet inspections began in the second quarter but were not completed until early in the third quarter. **No inspection completed during the second quarter**.
					Third Quarter – Inspection that began in the second quarter was completed on July 21, 2009.
					Fourth Quarter – Inspection of the structural BMPs/filtered inlets began on Dec. 7, 2009, **but was not completed until January 12, 2010. No inspection completed during the fourth quarter.**
1-5	Sweeping.	Sweep Airport streets at least six times annually (once prior to the rainy season - November 1) to reduce sources of metals, pathogens, sedimentation /siltation and priority organics in Airport storm water. Commercial parking lots, runways and taxiways will be swept at least quarterly.	Sweep Airport streets 6 times annually. Sweep Airport runways, taxiways and commercial parking lots quarterly.	Maintenance Supervisor	**First Quarter -** Runways and taxiways were swept once in March. Parking lots and streets were swept three times in the first quarter.
					Second Quarter – Runways and air carrier taxiways were swept once in June. General aviation taxiways were not swept. Commercial parking lots were swept twice during the second quarter in May and June. Airport streets on the south side of Hollister were swept three times this quarter. Fairview, the Airline Terminal loop and streets north of Hollister were swept twice.
					Third Quarter – Runways 15L/15R were swept once during the third quarter. Runway 7/25 was not swept. All air carrier and non-air carrier taxiways were swept once during the third quarter. All streets were swept twice during the quarter. Long and short term parking lots were swept twice.
					Fourth Quarter – All runways and taxiways were swept once during the fourth quarter. Long and short term parking lots were swept three times during the fourth quarter. Airport streets were also swept three times.
1-5	Enforce "no campin	Enforce "no camping" ordinance to	Number of field investig	Patrol Supervisor	**First Quarter -** At least two instances of illegal camping were investigated during the first quarter. Suspected campers vacated Airport property.

	g" ordinance.	reduce potential for pathogens to be discharged from transient encampments to the Goleta Slough.	ation cards completed related to illegal camping on the Airport.		**Second Quarter -** One instance of illegal camping on 6/27/09 was investigated during the second quarter. Suspected campers vacated Airport property.
					Third Quarter – No instances of illegal camping at the Airport were investigated during the third quarter.
					Fourth Quarter – One instance of illegal camping was investigated on 10/30/09. Suspected camper vacated Airport property.
1-5	Clean air carrier aircraft ramp quarterly	Conduct quarterly cleaning of the air carrier ramp.	Clean air carrier ramp four times annually.	Maintenance Supervisor	**First Quarter -** Air carrier ramp was cleaned in March.
					Second Quarter – Second quarter ramp cleaning was completed June 25.
					Third Quarter – The air carrier ramp steam cleaned once during the third quarter (September).
					Fourth Quarter – The air carrier ramp was steam cleaned once during the quarter in December.
1-5	Sediment basin maintenance.	Work with County Flood Control to continue maintenance of sediment catch basins in Goleta Slough tributaries.	Maintain agreement with County Flood Control	Maintenance Supervisor	**First Quarter -** On-going. County Flood Control maintains Airport sediment basins as needed.
					Second Quarter - On-going. County Flood Control maintains Airport sediment basins as needed. Most of the maintenance will take place later in the year, prior to the rainy season.
					Third Quarter – On-going. Basins have not been dredged to date in preparation for 2009/2010 storm season.
					Fourth Quarter - On-going. Airfield access badging issues have delayed dredging thus far this storm season.

9.0 Program Effectiveness Assessment

The following effectiveness assessment stems from the Municipal Stormwater Program Effectiveness Assessment Guidance, developed by the California Storm Water Quality Association (CASQA). The purpose is to confirm the desired results of the City's SWMP and identify modifications that may be needed, thus ensuring the iterative process is used as an effective management tool throughout the permit implementation.

The following primary questions, or Outcome Levels, help to categorize and describe the desired results of the program:

> **Level 1 Outcome** – The Program Element is implemented in accordance with the Permit Provisions and SWMP
>
> **Level 2 Outcome** – The Program Element raises the target audience's awareness of an issue
>
> **Level 3 Outcome** – The Program Element changes a target audience's behavior, resulting in the implementation of recommended BMPs
>
> **Level 4 Outcome** – The Program Element reduces the load of pollutants from the sources to the storm drain system

Although each level has value in informing and/or supporting management decisions, not all Outcome Levels are used for each BMP and the Outcome Levels are not necessarily conducted in sequence.

In addition to the systematic CASQA effectiveness assessment discussions that follow (used for each of the BMP groupings within each of the six minimum control measures), each section includes a table summary of effectiveness that looks collectively at all BMPs within each minimum control measure. This programmatic evaluation is intended to ascertain if each of the minimum control measures as a whole is appropriate and effective, to evaluate whether certain BMPs are more successful and/or cost effective than others, and ultimately to determine if the overall storm water management program is working effectively. *Only the BMPs/Measurable Goals that are required for Year 1 implementation are discussed in this section. BMPs that are scheduled for Years 2-5 are omitted from this Section.*

The City will continue this effectiveness evaluation through the remaining four permit years so that appropriate and meaningful modifications can be made when the SWMP is renewed after the initial five year period that will increase the overall success of the program and achieve the maximum benefit with limited City resources.

MCM 1.0 Public Education and Outreach

The Public Education and Outreach portion of the SWMP focuses on communicating consistent messages regarding storm water quality to a broad audience through the continuation of existing programs and the development and implementation of new programs. The BMPs implemented for this minimum control measure are intended to teach the public and reinforce the importance of protecting storm water quality, both for the benefit of the environment and human health.

Although its effectiveness can be difficult to measure, public education is essential to achieving behavioral changes that can protect water quality. Because the SWMP focuses on non-point source pollution, the role of the individual in preventing this pollution is key. The BMPs selected for implementation educate community members about steps they can take both at work and at home to prevent and reduce water pollution.

Collectively, all the BMPs within the public education and outreach component of the City's storm water program are highly effective in increasing awareness about water quality issues in order to change behavior. The wide diversity of venues, events, means of communication, and partnering opportunities allows different segments of the City's population to hear a consistent message in a variety of ways thereby sustaining public interest in the program. All of the BMPs addressed in MCM 1 were successful at Level 1, as they were all documented and implemented.

Since education of youth is likely the single most effective way to significantly alter behavior of the general population over time, youth education remains a focal point and one of the most resource-intensive components of the storm water program. Teacher evaluations of the City's watershed presentations (BMP 1.1) indicate that the City's efforts in youth education are extremely successful and effective.

The City's business outreach component has been expanding and gaining a great deal of community interest and participation in Year 1, as well as before the City's SWMP was formally implemented. The City's participation in local events where information about water quality is shared and distributed as well as the City's expanding Clean Water Business Program are both elements of the City's program that are proving to effectively increase water quality awareness and even change behaviors. The public opinion survey that was conducted in 2008 (see Appendix 1V) demonstrates these measurable successes, as well as areas for improvement.

a) Education: Youth Education and After-School Programs, (BMPs 1.1 and 1.2)

The City currently partners with several organizations to accomplish education and outreach program goals. *Art From Scrap* and local educators conduct many of the City's youth education presentations. The *Youth CineMedia* Program, *Recreation Afterschool Program* (RAP), and *Afterschool Opportunities for Kids* Program (A-OK!) also play a key role in the City's enrichment-based youth education efforts and have included after school programs such as creating outreach materials and films related to water quality issues and conducting native planting projects.

- Education Program for School Children. In 2009, 132 presentations were given to 3,209 children. This high level of education/outreach not only met the SWMP's measurable goal; it makes the program successful at Level 2, raising awareness, as the Teacher evaluations indicated. Evaluations will continue to be used to revise program content, as needed.

- Enrichment-Based Youth Education. By employing youth in the Youth CineMedia program to create outreach materials and films related to water quality issues and restoration projects, the City is raising awareness of water quality issues and solutions among that group of at-risk teens, who in turn are helping raise awareness among other teens, the Spanish speaking community, and the community at large. Furthermore, by involving students in hands-on activities and educational programs at Adams Elementary School, they are learning about the benefits of natural creek systems and native plants. By taking students on a field trip down their own watershed, they better understand the concept that the water that flows through the bioswale on their campus ends up at the beach, and that activities in the neighborhood around the school as well as on their campus, have a direct effect on the health of Arroyo Burro Creek and Beach. These programs are successful at Level 2, raising awareness.

b) Outreach: Brochures/Postcards, Public Events, Neighborhood Outreach, Website and Media (BMPs 1.3, 1.4, 1.7, 1.9, and 1.11)

Outreach with the public through print information, face-to-face contact, community events, website use and media campaigns include:

- Brochures/Postcards. Target audiences include general residents that attend community events such as Earth Day, community workshops, and Creek Week, among others. Specific audiences, such as business owners and residents, are reached through personal contact when illegal discharge issues are addressed. Materials are also distributed in conjunction with specific projects and events. Overall outreach materials are successful at Level 2.

- Website. The City Creeks website (www.sbcreeks.com) provides an easily accessible method for the public to access storm water management information; water quality data and reports; information about restoration, stewardship projects, and business programs; as well as announcements and reports. In 2009 there were 7,283 visitors reported on the City Creek's website; an increase of 14% over the 2008 total of 6,379 hits. Overall the website is successful at Level 2.

- Events. Earth Day, Creek Week, World Ocean Day, Summer Solstice, and the Harbor and Seafood Festival are only a few of the public outreach events that the City attended and/or helped to present to the community. Public events have been highly effective in increasing community knowledge and awareness of the storm water program and water quality issues. This increase in awareness hopefully

translates into changed behaviors, but this is difficult to measure. Events such as Creek Week draw large numbers of people to various community locations, programs, and events, where the importance of protecting water quality is the main emphasis. Overall outreach at events is successful at Level 2.

- Neighborhood Outreach. Neighborhood outreach in Year 1 included planting and clean up efforts of 47 community members. This BMP is effective at Levels 2 and 4; due to the fact awareness is raised during these efforts with the hands-on approach of planting and cleaning an area in need of attention, and pollutant loads are reduced by removing trash and stabilizing eroding areas.
- Media. Media messages on preventing water pollution were transmitted via various newspaper ads, radio spots, bus ads, and targeted television PSAs. The City's English radio announcement reached an estimated 35,000 listeners per month, and the Spanish radio ads reached an estimated 19,600 listeners per month. The City's English and Spanish television PSAs reached approximately 137,000 viewers per month, and print display ads included 19 in English, and 6 in Spanish. These numbers surpass the SWMPs measurable goals for community media campaigns. Overall media campaigns are highly successful at Level 2.

c) Storm Drain Marking (BMP 1.5)

Storm drain markers are cleaned by the City Streets Division, and they continue to be replaced, as needed. The bilingual message of "No Dumping, Drains to Ocean" raises awareness about the connection between storm drains and receiving waters and they are intended to help deter littering, dumping, and other practices that contribute to nonpoint source pollution. Storm drain marking has also been incorporated into the Creeks Division's outreach activities, with two volunteer marking events taking place in Year 1, for a total of 429 markers being cleaned or replaced by approximately 40 volunteers. Storm drain marking is successful at Level 2 for raising awareness.

d) Hotline (BMP 1.6)

Use of the hotline remains constant and continues to provide effective service to all members of the community in reporting water pollution. The hotline is promoted through City English and Spanish media that ends up reaching over 51,000 households. Overall the hotline is successful at all Levels. Level 1 for implementation; Level 2 for making people aware that pollution is an issue and there is a City program for addressing the issue; Level 3 because it allows City staff to target those residents and businesses who need to be educated about their impacts on water quality, which in turn often results in a change in behavior; and Level 4 when calls result in a field discovery, illicit discharge abatement, and load reduction, as occurred with 77 cases in 2009 (77 Notices of Violation were issued; see BMP 3.2c).

e) Business Outreach: (BMPs 1.10)

The City's Clean Water Business Program helped train community members and professionals in reducing polluted runoff. Mobile washers were added to the program

(which already included Restaurants and Automotive Services) in Year 1, thereby expanding the program's audience and targeting specific businesses prone to polluting creek and ocean water quality. 21 businesses were inspected and certified as Clean Water Businesses in Year 1. This direct outreach and interaction between the public and City staff has been an effective way to increase the awareness of City business owners and operators to water quality impacts. This year, a workshop (co-hosted by the City and County) specifically targeted mobile washing businesses, and demonstrated proper wash water capture and containment. Business outreach is successful at all Levels; Level 1 for implementation; Level 2 for increasing the awareness of business owners who were previously unaware that their actions can impact water quality; Level 3 for changing their behavior by becoming a certified Clean Water Business; and at Level 4 for load reduction when City staff inspects business operations and/or responds to complaints or discoveries in the field.

Table 7.1 Effectiveness Assessment Summary for Public Education and Outreach

Outreach Program Activities	Effectiveness Assessment Outcome Levels			
	Level 1	Level 2	Level 3	Level 4
	Implement Program	Increase Awareness	Behavior Change	Load Reduction
Education	X	X		
Outreach	X	X		X (Neighborhood Outreach, BMP 1.7)
Storm Drain Marking	X	X		
Hotline	X	X	X	X
Business Outreach	X	X	X	X

MCM 2.0 Public Participation and Involvement

The Public Participation and Involvement Minimum Control Measure is intended to foster active community support for the SWMP. Participation by the public ensures that the program reflects community values and priorities and thus has the highest potential for success.

Stakeholders are informed of program updates and announcements via regular emails to e-mail group lists. Often these emails are equally effective and more efficient than meetings. Much of the input we receive from our most involved stakeholders occurs immediately through electronic communication.

The City not only holds monthly meetings with the Creeks Advisory Committee (CAC) to keep the public informed about outreach efforts, creek restoration projects and water quality issues and efforts; staff also participates in quarterly stakeholder meetings with county Project Clean Water staff as well as quarterly intergovernmental meetings, (Santa Barbara County Association of MS4 Managers, i.e., SBCAMM) to exchange information with other local municipalities and stakeholders.

The City conducts an annual community forum on water quality to seek community input, share ideas and vision, and to establish opportunities to form stronger water quality partnerships in the community. This community participation is also encouraged through the City's volunteer projects, which seek citizen participation in reducing creek pollution and understanding water quality concerns by conducting creek clean-ups and/or collaborative planting days.

The City will continue to evaluate appropriate vehicles to increase stakeholder involvement and the effectiveness of holding and attending meetings.

a) Creeks Advisory Committee Meetings (BMP 2.1)

CAC meetings are publicly noticed and held a minimum of 12 times, annually. These meetings are also aired on local TV and archived on the City's website in order to make the covered content widely available to the public. Before meetings are held, agendas are emailed to a list of interested community members, Committee members, appropriate staff, local news organizations who have requested to receive agendas, and liaisons (totaling over 300 people). A minimum of one CAC meeting per year is dedicated to updating the public on the City's SWMP. CAC meetings are successful at Levels 1 and 2.

b) Stakeholder Meetings and Regional Coordination (BMPs 2.2 and 2.3)

- Project Clean Water Stakeholder Committee Meetings. City staff has attended the County's (Project Clean Water) Stakeholder Committee Meetings for the past several years. In 2009, staff attended three out of the four quarterly meetings. Staff failed to attend the October 2009 meeting due to the fact the dedicated staff person who normally attends left work for maternity leave earlier than anticipated.

All four meetings will be attended in Year 2, as this BMP is effective at Levels 1 and 2.

- Regional Coordination. Participating in the quarterly intergovernmental meetings is appropriate for coordinating among the different storm water management programs in the County. Local population perspectives and pollution sources vary, and obtaining input from various agencies is useful in understanding these local differences. The intergovernmental meetings are efficient venues for planning joint pollution reduction efforts. Attendance is steady and is regularly represented by most of the Phase II agencies. Overall coordination among agencies is successful at Level 2 for raising awareness.

c) Community Forum on Water Quality Issues (BMP 2.4)

The City's annual community forum is an effective way to involve the public in current water quality issues. A new water quality topic is covered each year; the 2009 forum focused on trash and plastic marine debris in the oceans and solutions for the community. Local organizations including Art From Scrap, Channelkeeper, Surfrider Foundation, Healing Oceans Together, and Jean-Michel Cousteau's Ocean Futures Society participated by providing informational booths, and approximately 65 community members attended. This event not only includes local organizations, it has proven to be an excellent way to involve the public by covering interesting and up-to-date topics and inviting knowledgeable and recognized presenters. The forum is aired on Channel 18 (local television) in both English and Spanish, and postings for the forum are on the City's web site, sent via email, and posted in local newspapers and community websites. This public participation tool is effective at Level 2; raising awareness.

d) Community Volunteer Projects (BMP 2.5)

- Creek Clean-Ups. Community creek clean-ups attract residents who are typically enthusiastic about making a tangible difference in improving water quality and offer opportunities for involvement in the City's SWMP activities. Volunteers removed large amounts of trash from the creeks and beaches in 2009. Therefore, community clean-ups are successful at all levels. Close to 270 community members experienced the pollution levels of our creeks and ocean (increasing their awareness). This hands-on experience for people is the best way to change behavior, and it results in an immediate reduction in pollution loads.

- Volunteer Storm Water Monitoring. Volunteer storm monitoring is appropriate for fostering the involvement of community members. This outreach effort is primarily used as an educational tool to inform and engage the public in the current health and function of local creeks. However, storm monitoring is a difficult task for volunteers because it often involves dedicating their time at odd hours (middle of the night). Therefore, rather than expecting to engage 6 volunteers annually in storm monitoring, the City is proposing to change this

BMP to maintaining a list of potential volunteers (a minimum of 2) to assist with storm monitoring. Overall volunteer storm monitoring is successful at Level 2.

Table 7.2 Effectiveness Assessment Summary for Public Participation and Involvement

BMP	Effectiveness Assessment Outcome Levels			
	Level 1	Level 2	Level 3	Level 4
	Implement Program	Increase Awareness	Behavior Change	Load Reduction
Creeks Advisory Committee	x	x		
Stakeholder Meetings/Regional Coordination	x	x		
Community Forum	x	x		
Community Volunteer Projects	x	x	x	x

MCM 3.0 Illicit Discharge Detection & Elimination

The following is an assessment regarding the effectiveness of the first year of implementation of MCM 3.0 Illicit Discharge Detection and Elimination (IDDE) Program as outlined in the SWMP. The City has effectively implemented the IDDE program through ongoing program elements such as training city staff about protecting water quality, maintaining the City's storm drain facility map, field investigations and abatement, developing and distributing targeted educational materials to potential polluters, creating inventories of businesses, properties, and facilities that are potential polluters, conducting inspections, and administering the creation of a storm water ordinance.

Collectively, all the BMPs within the IDDE program are effective at reducing pollution in storm water by working to identify and eliminate sources of illicit discharge and illegal dumping. The program depends on participation from the public and other City Departments. While this is an effective approach, it does present challenges as the public and other City departments often have competing priorities and different mandates. BMP 3.3 calls for adopting a storm water ordinance by Year 3, which will require a large amount of interdepartmental coordination and public review. Currently, should a responsible party continue to employ practices that could result in a serious threat to water quality or if a responsible party fails to abate a discharge that is or may result in a serious threat to water quality, there are tools available for enforcement including administrative fines. Our current ordinance provides legal authority to stop unauthorized discharges and to enforce storm water requirements. However, the SWMP calls for updating existing ordinances and/or creating a new storm water ordinance in Years 2 and 3.

a) Storm Sewer System Mapping (BMP 3.1)

Storm Drain Facility Map – Drainage facility maps expedite location of illicit discharges and are a requirement of the General Permit. This is a permit requirement and as such, is successful at Level 1. Additionally, where staff and public are able to utilize the data for investigating sources of discharges, this BMP is successful at Level 2.

b) Municipal Code Enforcement, Storm Water Ordinance, and Field Investigation and Abatement (BMPs 3.2, 3.3, and 3.4)

- Municipal Code Enforcement. Over 180 calls were received and responded to in Year 1, resulting in 77 Notices of Violation. The SWMP goal to respond to each call within 24 hours was not met, however, due to staffing limitations. The City now has a dedicated enforcement person who focuses on maintaining the database of incoming complaints and quickly responding to and abating illicit discharges. The response cards produced this year will help to evaluate and improve the City's enforcement program by getting feedback from the public (Level 2). The Notices of Violation sent to dischargers change polluting behavior (Level 3), or fines are administered, and the Creek Clean-ups ordered by the City and

administered by the contractor (Service Master) are also effective in reducing pollutant loads from the City creeks and ocean (Level 4).

- Storm Water Ordinance. The City currently adheres to Title 16 of the Municipal Code (*Chapter 16.15; Urban Pollution Controls, Non-Point Source Discharge Restrictions*) for protecting water quality. This existing ordinance has been effective by assuring city staff the authority to conduct inspections where there appears to be an illicit discharge present and fines are administered via the Administrative Code. This and other related City ordinances, goals and policies were reviewed in Year 1 to determine the need for an ordinance update and identify any inconsistencies with the City's SWMP, Storm Water BMP Guidance Manual, and/or the Phase II General Permit. Public workshops and hearings will be held in Years 2 and 3 to determine the next steps in addressing the identified inconsistencies of the Year 1 audit and/or the need for a new storm water ordinance. This process (BMP 3.3) is not only effective at raising the awareness (Level 2) of storm water quality issues and requirements through the audit, workshops, and hearings; but it can also ultimately change behavior by providing the appropriate enforcement mechanisms to do so (Level 3).

- Field Investigation and Abatement. The City's field investigation and abatement program is effective on all levels. Response time to calls/reports is very short and therefore issues are addressed as quickly as possible. Field investigations and abatement efforts inevitably result in communicating and/or interacting with residents and business owners to educate them about the importance of protecting surface water quality and why the City has to enforce water quality laws. This raises awareness (Level 2) and often changes behaviors (Level 3), especially when discharges are not intentional and/or simply the result of ignorance. Abating illicit discharges through this program ultimately results in reducing pollutant loads from the City's creeks and ocean (Level 4).

c) Reporting and Documentation (BMPs 3.6, 3.7 and 3.14)

These BMPs are only effective at Level 1. They simply require that records are maintained, confirming that a specific goal has been implemented. See Section 3 of this Annual Report for details confirming implementation. The City is proposing that BMP 3.7 is deleted from the SWMP, due to the fact that septic system pumper inspections are a County process, no longer regularly shared with the City.

d) Inventories and Inspections (BMPs 3.8, 3.9, and 3.10)

- Inventory Commercial Facilities. A map and list of parcels 100,000 square feet or greater with a commercial land use designation was generated using GIS. This list will continue to be used in future years for inspections required by the SWMP. This measurable goal is completed and effective at Level 1.

- Inspect Commercial Facilities. Inspections began in 2009, earlier than required. Staff began with inspecting facilities that are familiar and easily accessible. No major issues were detected; all five facilities appear to manage their sites appropriately to avoid polluted runoff and/or discharges. This measurable goal is currently successful at Levels 1 and 2, and hopefully will become successful at Levels 3 and 4 as more facilities are inspected and issues are found that can be corrected.
- Inventory Parking Lots. Similar to BMP 3.8, a map and list of parking lots was developed using GIS. The criterion for the inventory was changed to 5,000 square feet or greater (or 25 or more spaces) due to the fact not many parking lots in Santa Barbara are as large as 10,000 square feet. This measurable goal is completed and effective at Level 1.

e) Sidewalk Washing (BMPs 3.12 and 3.13)

- Complete a Study. An internet search was conducted for information on what other municipalities have done to address sidewalk washing. Through process of elimination, City staff decided that building a custom device for washing sidewalks and capturing runoff for re-use was the best approach. This study was effective at raising awareness (Level 2) and ultimately changed how the City addressed sidewalk washing (Level 3).
- Implement Sidewalk Washing BMP. The City worked with the Downtown Organization to create a custom-made machine that pressure-washes the sidewalks with a close-looped system with zero discharge and pretreatment for solids and hydrocarbons absorption. The wash water is passed through the pretreatment filter for cleaning and is later used for irrigating the sidewalk planter beds. This BMP is successful at Levels 2 and 4. Using the machine in such a publicly-visible place (downtown, State Street), many people notice the water is being captured and reused, thereby raising awareness that wash water runoff can and should be contained and reused. This may not specifically change the common observer's behavior, but it does help in reducing the overall runoff loads from downtown washing activities (Level 4).

f) Illegal Discharge Training (BMP 3.15)

Annual training for all "Operational Division" staff (employees that perform outdoor activities that could pollute storm water) is provided. In years past, City staff created power point presentations and handouts, using in-house photos and existing data, for these training presentations. For Year 1, the City invested in a employee training video produced by Excal Visual. The trainings are approximately one hour in length and include an introduction to the City's SWMP and the importance of protecting water quality, followed by the 20-minute video and a question/answer session. These training sessions are well attended, as they are carefully scheduled and staff is required to attend. This BMP is effective on all Levels 1, 2, 3 and 4. It is apparent by the questions and comments at these trainings that awareness regarding water quality

is raised. Also, staff makes more calls into the City's storm water pollution enforcement line after the trainings, which demonstrates that they are working to change polluting behaviors, which ultimately results in enforcement staff abating discharges, thereby reducing pollutant loads.

Table 7.3 Effectiveness Assessment Summary for Illicit Discharge Detection and Elimination Program

BMP	Effectiveness Assessment Outcome Levels			
	Level 1	Level 2	Level 3	Level 4
	Implement Program	Increase Awareness	Behavior Change	Load Reduction
Storm Sewer Mapping	X	X		
Municipal Code Enforcement	X	X	X	X
Storm Water Ordinance	X	X	X	
Field Investigation and Abatement	X	X	X	X
Reporting and Documentation	X			
Inventories	X	X		
Inspections	X	X		
Sidewalk Washing	X	X	X	X
Illegal Discharge Training	X	X	X	

MCM 4.0 Construction Site Storm Water Runoff Control

The Construction Site Storm Water Runoff Control minimum control measure is implemented and enforced under authority of the City's Building Division, through City code, policy, and practice.

Collectively, the BMPs in the City's SWMP related to construction site storm water runoff are effective. Evaluating the current erosion and sediment control policy and the municipal ordinance for erosion and sediment control requirements will demonstrate whether or not the City has adequate legal authority in place to control pollutants from construction sites. The existing tracking system employed by staff creates a good inventory of construction sites and logging inspections ensures that their threat to water quality is kept in check. SWMP implementation in Years 2-5 will demonstrate more clearly how effective the construction program element is and where improvements can be made, as progress and/or failures become apparent through these annual assessments.

a) Evaluate Erosion and Sediment Control Policy (BMP 4.1)

The Building & Safety Division is in the first official year of evaluating the current Erosion/Sedimentation Control Policy. This policy was originally established in 2003 and has been updated as new and more effective BMP's have been developed. Building & Safety staff's current sentiment is that leaving the details of BMP selection in the existing policy allows each development application to select BMPs that are the most effective for that specific project. Binding these details into an ordinance would reduce flexibility, and not allow for the easy addition of new BMP's as they are developed. This approach would also require the use of vague language in order to provide a "one-size-fits-all" ordinance, which would likely reduce the overall effectiveness of the policy..

Review of Erosion and Sediment Control Plans provide ongoing site-specific evaluation. The review of plans via the Grading Permit process is successful at multiple levels. It is effective at outcome Level 1 by meeting the General Permit requirements; successful at Level 2 where submittals require awareness of potential pollutant discharges from grading sites; successful at Level 3 where plans are used to correct or modify contractor behavior to prevent pollutant discharges; and, Level 4 where practices are used and maintained to prevent pollutants from being discharged.

b) Inspections, Violations and Resolution (BMPs 4.3 and 4.4)

All sites permitted for grading are inspected regularly at various intervals based upon the phase of construction and the time of year. City Building Inspectors log all BMP inspections into a computerized permitting system. These inspections are tracked and any "corrections" must be cleared before final inspections are conducted and construction can begin. The inspection of construction sites operating under a Grading Permit is successful at multiple levels. It is effective at outcome Level 1 in accordance with the General Permit requirements; successful at Level 2 where inspections result in a communication between inspector and contractor, whether written or verbal, increasing awareness of potential pollutant discharges; successful at Level 3 where inspections result in correction

or modification of contractor behavior; and, Level 4 where inspections result in proper use, maintenance, or abatement of improper practices, thus preventing pollutants from being discharged into the City's storm drain system.

c) Enforcement (BMP 4.5)

There was one project that was a repeat offender for erosion control issues in Year 1; a large development project along the 1500 block of La Vista Del Oceano (the correction notices ("CORR") and stop work orders ("STOP") are apparent in Appendix 4A). One stop work order was issued in January 2009 on several of the La Vista Del Oceano parcels that are all affiliated with the same, large project, due to the improper installation of erosion control measures and site failures. Stop work orders are a strong tool for City inspectors (they work as a Level 2 to raise awareness of local contractors) and avoiding these are good incentive for contractors to make immediate and responsive corrections to avoid punitive action. So this BMP is also effective at a Level 3 for changing behavior.

d) Training (BMPs 4.6 and 4.7)

- Training Construction Site Operators. The City's Building and Safety Division claims that the measurable goal for BMP 4.6 (reducing the number of violations by 10% each year) is impossible to track with current staff and reporting tools. Furthermore, a "10 % annual reduction" would not accurately reflect the number of violations, given the normally very few violations per year and the downturn in the economic environment. Staff does currently provide BMP training to local contractors, at least once, annually, and Building staff claims great success in achieving compliance with the construction community. Therefore, staff proposes to delete this BMP entirely, or change the measurable goal, at a minimum.
- Training Building and Public Works Inspectors. Inspectors hold weekly training meetings on various construction and code issues. Beginning in late summer through late spring of very year, erosion control BMP installation is an almost weekly topic. Staff comparisons are noted for effectiveness and appropriateness. Also, inspectors work very hard with the contractors during this time to update and "train" them as well. This coordinated effort among the Building Inspectors shares information, thereby raising awareness (Level 2), and also often changes behaviors for the better (Level 3), based on what lessons are shared.

Table 7.4 Effectiveness Assessment Summary for Construction Site Storm Water Runoff Control

BMP	Effectiveness Assessment Outcome Levels			
	Level 1	Level 2	Level 3	Level 4
	Implement Program	Increase Awareness	Behavior Change	Load Reduction
Evaluate Erosion and Sediment Control Policy	x	x	x	x
Inspections, Violations and Resolution	x	x	x	x
Enforcement	x	x	x	
Training	x	x	x	

MCM 5.0 Post-Construction Storm Water Management in New and Redevelopment

The Post-Construction Storm Water Management in New and Redevelopment minimum control measure is implemented under authority of the City's Community Development Department through project proposal applications, review, and permitting. Other City departments such as Public Works, Fire, and City Creeks (Parks and Recreation) provide early input to the permitting and development process.

The City has been informally implementing the SWMP since 2006 per direction from the City Council. Section 4.5 (MCM 5.0) of the City's SWMP clearly defines standard requirements for both discretionary and ministerial projects; to implement State required minimum design standards (Attachment 4 of the State General Permit), as well as address peak storm water runoff discharge rates and protect water quality through conservation, minimization of pollutants, and structural and/or treatment control BMPs. These requirements are explained in more detail in the City's *Storm Water BMP Guidance Manual* (Guidance Manual), produced and finalized in 2008. By directing project applicants and contractors to the City's SWMP and Guidance Manual, the City provides consistent review of water quality impacts and appropriate BMP design requirements to protect water quality from storm water runoff. The City's post-construction storm water management program and Guidance Manual will continue to evolve over the next several years with development and implementation of hydromodification control criteria; a current topic among the State Water Board, the regional water quality control boards, and municipalities.

Staff training will also continue to evolve. The need for SWMP and Guidance Manual training became apparent in 2008, during production of the City's Guidance Manual. Creeks Division staff (SWMP administrator) has become intimately familiar with the SWMP requirements and BMP designs in the Guidance Manual, but other City staff had not. Staff trainings were offered and very well attended in Year 1. City Creeks staff remains directly involved in the development review process and will monitor whether additional, focused or revised training of other City staff is necessary.

The City has begun to explore and implement opportunities for Low Impact Development demonstration projects as well as incentive programs for installing storm water BMP designs. However, effectiveness of this MCM will best be measured over the 5-year implementation period once post-construction regulations, including hydromodification control, are fully developed and awareness from the development community increases. During these first few years of SWMP implementation, MCM 5 effectiveness will focus on Outcome Level 2 (raise awareness) and Outcome Level 3 (change behavior, resulting in implementation of BMPs), with the goal of the overall storm water program obtaining Outcome Level 4 (Reduce Pollutant Load).

a) Post-construction BMP Implementation and Tracking (BMPs 5.1 and 5.2)

Thirty projects implemented post-construction BMPs in Year 1. It is anticipated that this number will increase in following years as staff become more adept at implementing SWMP requirements and tracking this new requirement, and project construction will

likely pick up after this building/economic slump passes. In order to ensure project SWMP compliance and better track its project implementation, staff was directed at the end of Year 1 to display SWMP compliance (BMPs) on building permit plans and to include this activity in the City's "Tidemark" tracking system. Tracking the implementation of SWMP requirements, both on paper and electronically, effectively documents this requirement (Level 1), and raises the awareness of both City staff and project applicants (Level 2) of applicable SWMP requirements. These efforts made to ensure the implementation of post-construction BMPs inherently changes the behavior (Level 3) of project applicants and their contractors by forcing them to design their project with water quality in mind, rather than simply using traditional designs that often disregard the impacts of polluted storm water runoff.

b) Enforcement for BMP Compliance (BMP 5.3)

Enforcement of required BMPs occurs during the construction phase of a project. Projects are not allowed to be finished without all of the required post-construction BMPs as noted on the plans being installed. Violations that occur after the project is completed will instigate an enforcement case that would require remediation. Due to the fact the City has just completed Year 1 of formal SWMP implementation, no enforcement cases have been necessary, as projects are only now beginning to be built that have conditions for BMPs. Enforcement actions will ensue in the future when projects are built and if/when compliance is not achieved. This BMP will eventually become effective as a Level 2 by raising awareness of project applicants and designers/contractors, and Level 3 by changing their behavior through requiring specific BMP designs for storm water management.

c) Ordinance for Storm Water Design Standards (BMP 5.4)

The City hired a contractor to conduct an ordinance audit of existing City policy, code and ordinances in Year 1. The intent was to identify areas that relate to the enforcement of storm water objectives and thereby recognize these areas as potential conflicts to a future storm water ordinance. This activity involved staff from all the related City departments and divisions, which effectively raised the awareness (Level 2) of storm water regulations and how they are implemented and/or conflicted by the City. Production of a draft ordinance begins in Year 2, along with public workshops and hearings. Once an ordinance is produced and implemented, it will be effective at Level 3.

d) Update/Implement Post-construction Design Standards and General Plan (BMP 5.5 and 5.9)

- Storm Water BMP Guidance Manual. The City hired a local consultant to produce a Storm Water BMP Guidance Manual in 2008. This effort included an intensive outreach effort to City staff and local design professionals (engineers, architects, builders, etc.) to consider and adopt appropriate design standards and BMPs. Assessing all the staff and public input and studying other existing Guidance Manuals produced by other cities/counties, resulted in the production of the City's Storm Water BMP Guidance Manual, which is tailored to the City's

local conditions. The volumetric and flow-based design standards are discussed in detail in Chapter 6 of the Manual, and the BMPs are tailored for different levels of development (referred to as project "tiers."), defined throughout the Manual. This "study" of design standards was/is effective at Level 2 by raising the awareness of City staff and the public, and at Level 3 by providing a document that demonstrates how to change the common practice of project design to an approach that includes storm water management and water quality awareness.

The City plans to participate in the Water Board's "Joint Effort for Developing Hydromodification Control Criteria" in order to study and consider additional standards for volumetric or flow-based treatment control. This effort will also be effective at Levels 2 (throughout the joint effort) and Level 3 (once the criteria are established and implemented).

- Design Standards for Ministerial Projects. BMPs are currently being implemented into smaller, ministerial projects through the City's design review process. As discussed in BMP 5.2, staff was directed at the end of Year 1 to display SWMP compliance (BMPs) on building permit plans and to include this activity in the City's "Tidemark" tracking system. Tracking the implementation of SWMP requirements, both on paper and electronically, effectively documents this requirement (Level 1), and raises the awareness of both City staff and project applicants (Level 2) of applicable SWMP requirements. These efforts made to ensure the implementation of post-construction BMPs inherently changes the behavior (Level 3) of project applicants and their contractors by forcing them to design their project with water quality in mind, rather than simply using traditional designs that often disregard the impacts of polluted storm water runoff.
- Update CEQA Checklist and Standard Conditions of Approval. Staff updates conditions of approval periodically, every year or two. They are currently being updated again (Year 2) and clarifying SWMP requirements are part of the update. The City's Design Application Review Team (DART) currently uses a City SWMP checklist that was produced in 2006/2007. It is used to guide project analysis of impacts associated with storm water, and the CEQA checklist is being updated to refer to this document. These checklists, mitigations, and conditions all work to raise awareness (Level 2) and change behaviors (Level 3).
- General Plan Update. The Plan Santa Barbara General Plan update process is undertaking (Phase III) work to prepare draft updated General Plan documents, based on draft policy direction determined by City Council (January 2009). The draft policy direction includes incorporating environmental sustainability principles into the General Plan, and Policy ER25-Storm Water Management Guidelines, which directs the inclusion of City SWMP policies into an Environmental Resources Element, toward reducing storm water run-off and water pollution. (Preparation of an updated Environmental Resources Element would occur in a subsequent year and phase of work). Draft documents under

preparation in this Phase include the updated General Plan format, Land Use Element, Land Use Element Map, Housing Element, and Adaptive Management Program. This effort is working to raise awareness, Level 2, and the policies established in the update will eventually work to change behaviors (Level 3). This BMP is currently effective at Level 2.

e) Storm Water Quality Monitoring Program, Microbial Source Tracking, and Biological Assessment Program (BMPs 5.6, 5.7, and 5.8)

- Storm Water Quality Monitoring**.** The Storm Water Quality Monitoring Program conducted sampling in Year 1 (Level 1) and targeted bacteria, nutrients, and hydrocarbons during storm and dry weather monitoring at several sites. The results are included in the Fiscal Year 2009 Annual Water Quality Report and the FY10 First and Second Quarterly Report. The City's monitoring efforts raise awareness (Level 2). It is difficult to claim that any improvements in water quality detected through monitoring are a result of the City's SWMP changing behaviors and/or pollutant loads. However, it is a valuable tool to keep staff and the public up to date on the current state of our watersheds.
- Microbial Source Tracking. Results from this grant-funded sampling support the design and installation of a UV disinfection facility at the outlet of the Laguna Channel and potentially a diversion that would be built at a drain where high fecal indicator bacteria levels have been historically detected. If tracking results show that sewage and/or human waste is consistently found in the storm drain, the Creeks Division may seek to install a low-flow storm-drain-to-sanitary-sewer diversion. The diversion would ensure that the water is treated prior to discharge in the ocean. This effort not only raises awareness (Level 2), it could change how the City manages drainage from a specific location (Level 3). Currently, this BMP is effective at Level 2.
- Biological Assessment. Bioassessment results have been used to identify hot spots for future investigation. Data was collected in April and May 2009 and is presented in the 2009 Bioassessment Report. The results are also summarized in the Annual Water Quality Monitoring Report. This BMP is effective at Level 2.

Table 7.5 Effectiveness Assessment Summary for Post-Construction Storm Water Management in New and Redevelopment

BMP	Effectiveness Assessment Outcome Levels			
	Level 1	Level 2	Level 3	Level 4
	Implement Program	Increase Awareness	Behavior Change	Load Reduction
Post-Construction BMP Implementation and Tracking	X	X	X	
Enforcement for BMP Compliance	X			
Ordinance	X	X		
Update/Implement Design Standards and General Plan	X	X	X	
Storm Water Monitoring, Microbial Source Tracking, and Biological Assessment	X	X		

MCM 6.0 Pollution Prevention / Good Housekeeping Practices for Municipal Operations

The Municipal Operations Pollution Prevention portion of the Storm Water Management Program is intended to ensure that City operations and the delivery of public services occurs in a manner that protects storm water quality and serves as a good example for the community. The BMPs contained in this minimum control measure require city staff to implement appropriate and effective pollution prevention practices for the various activities that the City conducts.

Collectively, all the BMPs within the municipal operations component of the City's SWMP are effective in increasing awareness among City staff in order to change behavior and ultimately to reduce pollution. Inspections of City facilities will demonstrate the awareness levels of City staff through the years and whether or not they are following good housekeeping practices and are implementing pollution prevention measures on a routine basis in order to avoid pollutant loads to the storm drains.

Year 1 facility inspections (BMP 6.20) proved successful in documenting City staff's commitment to storm water pollution prevention. There were a few deficiencies noted at the City's Annex Yard (managed by the Streets Division) and the Parks Corporation Yard (managed by the Parks Department). These deficiencies include issues with wash water, drainage, and storage; all of which can and will be addressed in Year 2. These efforts to rectify deficiencies will result in a behavior change and pollutant load reduction, which is the intention of these ongoing inspections.

Street sweeping is a large City investment in good housekeeping practices that demonstrates a measurable benefit in reducing pollutant loads. Over 2,300 tons of debris was collected from City street sweeping in Year 1. It is anticipated that these collected loads may increase in future years due to the City's current endeavor of installing debris screens on all catch basin inlets. The screens serve as a barrier to trash and landscaping debris during dry weather that would normally fall into the catch basin and storm drain system. These screens require little/no maintenance, as opposed to the older approach of catch basin inserts, and they work hand-in-hand with the existing street sweeping effort of removing pollutants from the street gutters. The screens are scheduled to be installed throughout the City in Year 2.

In Years 2 through 5, the City will continue to explore additional opportunities to improve municipal operations and the effectiveness of BMPs, including partnering with other City businesses to target environmental stewardship.

a) Pollution Prevention Plans (BMP 6.1)

All City Departments/Divisions who conduct operations with the potential to pollute public areas or water quality have implemented pollution prevention plans. These plans focus on storm water pollution prevention and they are reviewed annually and updated periodically. Several pollution prevention plans were updated and reissued in Year 1, raising staff awareness and changing old, potentially polluting activities. This BMP, in combination with annual storm water BMP staff training, works toward ensuring staff

awareness and model practices. Pollution Prevention Plans are effective at Level 2 when staff is educated about the plans during training, and at Level 3 as staff adjusts their potentially polluting behaviors to comply with the plans and avoid discharging pollutant loads.

b) Staff Training (BMP 6.2)

Training materials were revised in Year 1 to a 15 minute verbal introduction, used to explain the importance of the City's SWMP, and a 20 minute video, produced by Excal Visual, LLP. The video is well produced and applicable to the City's operations and reviews appropriate BMPs. After the video there is a 15-20 minute question/answer session, which concludes the training. This approach has proven effective for raising awareness (Level 2) among staff, as there are always questions and stories shared about personal accounts of witnessing illicit discharges around the City. Calls to the City's storm water hotline always increase for a couple of weeks after staff trainings, as awareness is refreshed. This results in more opportunities for enforcement staff to educate polluters, thereby changing behaviors (Level 3) and actively reducing pollutant loads (Level 4) that may have been overlooked or not reported before staff was trained.

c) Cleaning, Washing, Trenching, De-watering, Paving and Grinding, Construction Waste Management, Parking Lot Sweeping/Trash Removal, and Service Contracts (BMPs 6.3, 6.4, 6.5, 6.6, 6.7, 6.8, 6.9, 6.10, 6.16, 6.17, and 6.19)

Many of the BMPs in MCM 6.0 address hands-on, outdoor activities conducted by City staff that have the potential to pollute storm water runoff. The BMPs require a myriad of pollution prevention practices and tools for City staff to employ in these day to day activities in order to avoid sending pollutants to the storm drain. These include using vehicle wash bays that contain pollutants, and hiring washing contractors who commit to capturing and containing runoff. Tracking and maintaining construction areas in the City where potential runoff can occur, and tracking staff hours spent to sweep, wash and vacuum City parking facilities and trash enclosures are BMPs that document compliance and remind staff that they are setting the example for City residents and business owners (effective at Level 2). Maintaining warehouses and inspecting vehicles to ensure they are stocked with supplies for capturing and containing spills is another important pollution prevention practice to prepare City staff for emergency spill response. Together, these BMPs combine to raise staff awareness of how to conduct their work in a way that protects water quality (Level 3). These BMP requirements avoid pollutant loads (Level 4), although these are not directly measurable.

d) Storm Drain Inlet Cleaning, Inlet Filter Cleaning, and Inline Storm Filter Maintenance (BMPs 6.11, 6.12 and 6.13)

Year 1 inspections and cleanings of storm drains resulted in 602 catch basins inspected and approximately 11.5 cubic yards of debris removed. Inlet filters were cleaned in a total of 295 catch basins. This was less than what has been cleaned in previous years because the City began to remove the filters and replace them with catch basin debris screens. This BMP is proposed to be deleted due to the fact that storm drain filters in the

City are being removed. It has become evident that the maintenance of the filters far outweighs the benefits they provide. Catch basin debris screens will replace filters in Year 2. Yards of material captured from the new debris screens will be portrayed in BMP 6.15 – street sweeping. Lastly, the City Creeks Division maintains the Haley Street Continuous Deflective Separation (CDS) filter unit and the Parks Yard interceptor. These two inline interceptors were cleaned in the summer of 2009. 2300 gallons were removed from the Haley Street unit and approximately 400 gallons were removed from the Parks Yard unit. All of these BMPs are effective at Level 4, pollutant load removal.

e) Annex Yard BMP Maintenance (BMP 6.14)

The Annex Yard is managed by the City's Streets Division, and daily maintenance logs are kept. However, as discussed in BMP 6.20 of this Annual Report, there are issues at the Annex Yard that need to be addressed, including wash bay clogging and overflows, polluted runoff, and storage. Although this BMP is currently effective for raising awareness of maintenance issues at this City yard (Level 2), there has not been sufficient follow-up to correct identified deficiencies. There will be a concerted effort in Year 2 to improve the maintenance of this yard, and make this BMP more effective at Level 3, by changing behaviors and fixing identified polluting issues, and avoiding specific pollutant loads that are now apparent (Level 4).

f) Street Sweeping (BMP 6.15)

As discussed above, street sweeping is a large City investment in good housekeeping that demonstrates a measurable benefit in reducing pollutant loads (Level 4). Over 2,300 tons of debris was collected from City street sweeping in Year 1.

g) Integrated Pest Management (BMP 6.18)

Annual reporting on pesticide use has resulted in increased awareness and behavior changes in City staff by implementing pest management efforts which minimize, and in some cases eliminate, the use of pesticides where feasible. Implementation of this program is successful at Level 3.

h) Illicit Discharge Inspections and Elimination (BMP 6.20)

Deficiencies identified in Year 1 inspections will be addressed in Year 2. This process of inspecting city-managed facilities not only raises awareness (Level 2), it forces changed behavior when deficiencies are identified (Level 3).

i) Portable Toilets Adjacent to Creeks

The portable toilet placed adjacent to Mission Creek demonstrates a high level use, based on the maintenance need to service/clean the facility twice a week. This indicates that this BMP is effective at Level 3 (changing people's habit of using the creek as a restroom) and Level 4 (reducing loads), assuming the waste collected in the toilet would likely be a polluting source to the creek if the toilet was not placed there. The City will consider placing portable toilets in other creek side locations if the high-use level of this toilet continues.

Table 7.6 Effectiveness Assessment Summary for Pollution Prevention / Good Housekeeping Practices for Municipal Operations

BMP	Effectiveness Assessment Outcome Levels			
	Level 1	Level 2	Level 3	Level 4
	Implement Program	Increase Awareness	Behavior Change	Load Reduction
Pollution Prevention Plans	X	X	X	
Staff Training	X	X	X	X
Cleaning, Washing, Trenching, etc.	X	X	X	
Storm Drain Cleaning and Maintenance	X			X
Annex Yard Maintenance	X	X		
Street Sweeping	X			X
Integrated Pest Management	X	X	X	
Inspections	X	X	X	
Portable Toilets	X		X	X