

**Los Angeles County Municipal Storm Water Permit (Order 01-182)
Individual Annual Report Form
Attachment U-4**

This form summarizes the requirements in Order No. 01-182. Each Permittee must complete this form in its entirety, except for those requirements applicable only to the Principal Permittee. Only report activities that were performed during the previous fiscal year. Upon completion, this form shall be submitted to the Principal Permittee, by the date specified by the Principal Permittee, for inclusion in the unified Annual Storm Water Program Report. Attachments should be included where necessary to provide sufficient information on program implementation.

The goals of this Report are to: 1) concisely document implementation of the Storm Water Quality Management Program (SQMP) during the past fiscal year; 2) evaluate program results for continuous improvement; 3) to determine compliance with Order 01-182; and 4) to share this information with other Permittees, municipal decision makers, and the public.

| | |
|-----|--|
| ! | YOU MUST FILL OUT ALL THE INFORMATION REQUESTED <i>Do not leave any of the sections blank.</i> |
| N/A | If the question does not apply to your municipality, please indicate N/A in the space provided and provide a brief explanation |
| U | If the information requested is currently unavailable, please indicate U in the space provided and give a brief explanation. |

This Report Form consists of the following sections:

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TABLE 1 - Program Management

| Storm Water Management Activity | Division/Department | # of Individuals Responsible for Implementing |
|---|--|--|
| 1. Outreach & Education | LACDPW Building and Safety, Geotechnical and Materials Engineering, Survey/Mapping Divisions, and Public Relations Group + Applicable County Departments | 19 |
| 2. Industrial/Commercial Inspections | LACDPW Building and Safety, and Environmental Programs Divisions | 131 |
| 3. Construction Permits/Inspections | LACDPW Architectural Engineering, Construction, and Building and Safety Divisions + Applicable County Departments | 169 |
| 4. IC/ID Inspections | LACDPW Road Maintenance and Environmental Programs, Divisions + Applicable County Departments | 109 |
| 5. Street sweeping | LACDPW Aviation, , and Road Maintenance Divisions + Applicable County Departments | 40 + contractors |
| 6. Catch Basin Cleaning | LACDPW Aviation, and Construction Divisions + Applicable County Departments | 8 + contractors |
| 7. Spill Response | LACDPW Aviation, Information Technology, and Road Maintenance Divisions + Applicable County Departments | 332.5 + contractors |
| 8. Development Planning (project/SUSMP review and approval) | LACDPW Building and Safety, Environmental Programs, and Land Development Divisions | 24 |
| 9. Trash Collection | LACDPW Aviation, Operational Services, Programs Development, and Road Maintenance Divisions + Applicable County Departments | 304 + contractors |

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D. Staff and Training

Attach a summary of staff training over the last fiscal year. This shall include the staff name, department, type of training, and date of training.

See Attachment I-D1

E. Budget Summary

1. Does your municipality have a storm water utility? Yes No
If no, describe the funding source(s) used to implement the requirements of Order No. 01-182.

The County's Stormwater Program is funded by several sources, including but not limited to the County of Los Angeles General Fund, Gasoline Tax, Solid Waste Fund, Prop C and Prop A Local Return Funds.

All cities and County unincorporated areas face critical water quality challenges whose solution will severely strain existing revenue sources. To meet these challenges, the Los Angeles County Flood Control District is exploring a District-wide Clean Water, Clean Beaches fee at the direction of the LACFCD's Board of Supervisors, which if approved by voters, would implement an annual property-based fee to pay for local and regional projects and programs to help prevent pollution from stormwater and urban runoff, clean up pollution that flows into our local and major waterways, and remove contamination from stormwater that enters the ground water supply, which is an important source of drinking water.

2. Are the existing financial resources sufficient to accomplish all required activities? Yes No

3. Complete Table 2 to the extent that accurate information is available (indicate U in the spaces where the information is unavailable), and report any supplemental dedicated budgets for the same categories on the lines below the table.

4. List any additional state/federally funded projects related to storm water.

The County managed Used Motor Oil Block and Opportunity Grants [15th Cycle Block Grants and Used Oil Payment Program (OPP Cycle 1)] funded by the California Department of Resources Recycling and Recovery (CalRecycle), to promote used motor oil and oil filter recycling.

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TABLE 2

| Program Element | Expenditures in Fiscal Year 2011-12 |
|---|--|
| 1. Program management | 183,840 |
| a. Administrative costs | 3,416,009 |
| b. Capital costs | 4,100 |
| 2. Public Information and Participation | 1,578 |
| a. Public Outreach/Education | 196,700 |
| b. Employee Training | 114,940 |
| c. Corporate Outreach | |
| d. Business Assistance | |
| 3. Industrial/Commercial inspection/ site visit activities | 372,706 |
| 4. Development Planning | 148,650 |
| 5. Development Construction | 214,189 |
| a. Construction inspections | 11,000 |
| 6. Public Agency Activities | 403,110 |
| a. Maintenance of structural and treatment control BMPs | 592,801 |
| b. Municipal street sweeping | 8,738,759 |
| c. Catch basin cleaning | 161,433 |
| d. Trash collection/recycling | 7,177,017 |
| e. Capital costs | 4,480 |
| f. Other | 44,035,463 |
| 7. IC/ID Program | 101,692 |
| a. Operations and Maintenance | 341,808 |
| b. Capitol Costs | |
| 8. Monitoring | |
| 9. Other* | 2,867,272 |
| 10. TOTAL | 69,087,546 |

* Includes expenditures for litigation, TMDL monitoring and projects, and other projects with water quality benefits.

List any supplemental dedicated budgets for the above categories:

Approximately \$86,000 in Solid Waste funds was spent on the secondary school education program, hotline maintenance, and coordinating used oil and oil filter collection events, and media relations efforts.

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List any activities that have been contracted out to consultants/other agencies:

- Project scheduling, construction cost estimating, design and inspection of capital projects
- Geotechnical investigation, inclusive of material testing, and inspection services
- CEQA/NEPA environmental studies
- Disposal of used waste tires through private vendor once they have been removed from equipment
- Proper disposal of non-hazardous contaminated soil and water from drilling operations on a quarterly basis
- Survey construction and monitoring services
- Environmental education programs for secondary schools, used motor oil and oil filter recycling program
- Portions of the municipal street sweeping, trash collection and illicit discharge programs
- Removal of loose trash from streets and collection of trash from bus stop receptacles
- Emergency and non-emergency cleanup of hazardous materials

II. Receiving Water Limitations (Part 2)

- A. Are you aware, or have you been notified, of any discharges from your MS4 that cause or contribute to a condition of nuisance or to the violation of any applicable water quality standards? Yes No
- B. Has the Regional Board notified you that discharges from your MS4 are causing or contributing to an exceedance of water quality standards? Yes No
- C. If you answered Yes to either of the above questions, you must attach a Receiving Water Limitations (RWL) Compliance Report. The Report must include the following:
1. A description of the pollutants that are in exceedance and an analysis of possible sources;
 2. A plan to comply with the RWL (Permit, Part 2);
 3. Changes to the SQMP to eliminate water quality exceedances;
 4. Enhanced monitoring to demonstrate compliance; and
 5. Results of implementation.

III. SQMP Implementation (Part 3)

- A. Has your agency implemented the SQMP and any additional controls necessary to reduce the discharges of pollutants in storm water to the maximum extent practicable? Yes No

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- B. If your agency has implemented additional or different controls than described in the countywide SQMP, has your agency developed a local SQMP that reflects the conditions in its jurisdiction and specifies activities being implemented under the appropriate elements described in the countywide SQMP? Yes No

N/A. The County developed the six programs prescribed by the SQMP. It is the responsibility of individual Permittees and/or the Watershed Management Committees (WMC) to develop a local SQMP.

- C. Describe the status of developing a local SQMP in the box below.

| |
|-----|
| N/A |
|-----|

- D. If applicable, describe an additional BMP, in addition to those in the countywide SQMP that your city has implemented to reduce pollutants in storm water to the maximum extent practicable.

| |
|---|
| <p>Automatic Retracting Screens (ARS) and full capture certified Connector Pipe Screens (CPS) were installed at various locations to reduce trash in stormwater runoff.</p> <p>Metal shakers and portable equipment washers are placed within the project sites to eliminate potential dirt, dust, and debris from trucks & equipment from leaving construction sites.</p> <p>The County has continued to implement its Low Impact Development (LID) Standards Manual (LID Manual) that was released in January 2009 to incorporate sustainable practices to improve runoff water quality, recharge groundwater, and reduce hydromodification. These practices are consistent with the LID Ordinance adopted by the Los Angeles County Board of Supervisors in November 2008. The LID Manual describes sustainable practices that developers can design that will protect surface and groundwater quality, maintain the integrity of ecosystems, and preserve the physical integrity of receiving waters by managing stormwater runoff. The LID Manual was developed to set design requirements for new development and redevelopment. Developers must incorporate design features to match the undeveloped runoff volume of the site for several design storm options including 85th percentile or 3/4" rainfall event. If the developed site yields a greater volume of runoff compared to the undeveloped site, the excess runoff must be infiltrated, captured and reused, or evapotranspired at maximum extent technically feasible by using BMPs. Any remaining excess volume shall be treated and released.</p> |
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E. Watershed Management Committees (WMCs)

1. Which WMC are you in?

The County is represented in all of them.

2. Who is your designated representative to the WMC?

- **Janet Rodriguez - Ballona Creek & Urban Santa Monica Bay WMC**
- **Maged Soliman - Dominguez Channel/Los Angeles Harbor WMC**
- **Janet Rodriguez - Malibu Creek & Rural Santa Monica Bay WMC**
- **Ruby Wang - Los Angeles River WMC**
- **Ruby Wang - San Gabriel River WMC**

3. How many WMC meetings did you participate in last year?

The County was represented in all quarterly and optional monthly meetings.

4. Describe specific improvements to your storm water management program as a result of WMC meetings.

The meetings facilitated cooperation as well as exchange of relevant information and experiences among the permittees, which led to a general improvement of the County's stormwater program.

5. Attach any comments or suggestions regarding your WMC.

None at this time.

F. Storm Water Ordinance

1. Have you adopted a storm water and urban runoff ordinance to enforce all requirements of Order 01-182?

Yes No

If not, describe the status of adopting such an ordinance.

N/A

2. If yes, have you already submitted a copy of the ordinance to the Regional Board?

Yes No

If not, please attach a copy to this Report.

3. Were any amendments made to your storm water ordinance during the last fiscal year?

Yes No

If yes, attach a copy of amendments to this Report.

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G. Discharge Prohibitions

1. List any non-storm water discharges you feel should be further regulated:

Sources of discharges exceeding water quality standards over which the Regional Board has regulatory purview, including but not limited to:

- **U.S. Forest Service and California park lands discharges**
- **Caltrans properties and highways discharges**
- **Schools and other Phase II permittees discharges**

2. List any non-storm water discharges you feel should be exempt, and provide an explanation for each:

None at this time.

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IV. Special Provisions (Part 4)

A. Public Information and Participation (Part 4.B)

In addition to answering the following questions, attach a summary of all storm water education activities that your agency conducted or participated in last year.

See Attachment IV-A

1. No Dumping Message

a) How many storm drain inlets does your agency own?

228 Catch basin openings

b) How many storm drain inlets were marked with a no dumping message in the last fiscal year?

228 Catch basin openings

c) What is the total number of storm drain inlets that are legibly marked with a no dumping message?

228 (ALL) Catch basin openings

If this number is less than the number in question 1.b, describe why all inlets have not been marked, the process used to implement this requirement, and the expected completion date.

One catch basin located at the Page Museum is awaiting new branding, and markings will be installed by January 2013.

d) How many public access points to creeks, channels, and other water bodies within your jurisdiction have been posted with no dumping signage in the past year?

N/A. Flood control facilities with public access points are not under the jurisdiction of the County of Los Angeles.

Describe your agency's status of implementing this requirement by the date required in Order No. 01-182.

N/A

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2. Reporting Hotline

- a) Has your agency established its own hotline for reporting and for general storm water management information? Yes No
- b) If so, what is the number? **1(888) CLEAN LA (1-888-253-2652)**
- c) Is this information listed in the government pages of the telephone book? Yes No
- d) If no, is your agency coordinated with the countywide hotline? **N/A**
Yes No
- e) Do you keep record of the number of calls received and how they were responded to? Yes No
- f) How many calls were received in the last fiscal year?
34,064 (shared hotline with LACFCD)
- g) Describe the process used to respond to hotline calls.

Illegal dumping calls are routed to LACDPW Dispatch operators who log the call and forward the information to the appropriate co-permittee operations coordinator, or if the call's origin is within the jurisdiction of the County, a work order is generated and sent to appropriate County staff. LACDPW Environmental Programs Division and Public Relations Group staff provides live responses to callers in English and Spanish. Pre-recorded messages are available in English or Spanish delivering information on Stormwater, HHW/E-Waste, Used Motor Oil, Water Conservation, and Smart Gardening programs. The hotline received over 34,000 calls (for County and LACFCD combined).

- h) Have you provided the Principal Permittee with your current reporting contact information? **N/A**
Yes No
- i) Have you compiled a list of the general public reporting contacts for all Permittees and posted it on the www.888CleanLA.com web site (*Principal Permittee only*)? Yes No
If not, when is this scheduled to occur? **N/A**

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3. Outreach and Education

- a) Describe the strategy developed to provide outreach and bilingual materials to target ethnic communities. Include an explanation of why each community was chosen as a target, how program effectiveness will be determined, and status of implementation. (*Principal Permittee only*)

Although the County is not the Principal Permittee, it jointly implemented several components of the PIPP in partnership with the Los Angeles County Flood Control District.

Program messages and outreach materials are developed for ethnic communities and other target audiences based on qualitative research data. During this reporting period, the media mix targeted the General Public, Spanish and several Asian language speakers with Public Service Announcements (PSAs) aired through television, newspaper and/or radio media outlets.

Through the 15th Cycle Block Grant and the OPP Cycle 1 Grant, the County continued the media campaign targeting the general population, Hispanic, and Chinese communities with ads promoting used motor oil and used oil filter recycling. The media campaign consisted of radio, television and print ads on various media outlets such as *Autoworld, PennySaver, La Opinion, China Press, Pasadena Star News, El Segundo Herald, Korea Times, San Gabriel Valley Tribune, and El Clasificado.*

The media campaign for the 15th Cycle achieved 10,769,000 paid media impressions and 1,570,000 added value impressions. During the OPP Cycle 1 the media campaign achieved 27,960,000 paid media impressions and 10,600,000 added value impressions.

Additional outreach efforts were conducted with Community Based Organizations (CBOs) and local businesses by distributing event flyers. A total of 5,512 flyers were distributed to residents through CBOs during both grant cycles.

Three used motor oil collection events were conducted in the following cities: Alhambra; Artesia; and Montebello. A total of 850 gallons of used motor oil and 399 used oil filters were collected from 363 DIYers. Three filter exchange events were conducted at the following O'Reilly stores: El Monte; Lawndale; and Long Beach. A total of 324 gallons of used motor oil and 188 used oil filters were collected

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from 194 DIYers.

County conducted a pilot program by collecting contaminated used motor oil at the used oil collection events based on DIYers bringing contaminated used motor oil to collection events in previous reporting periods. County collected 125 gallons of contaminated used motor oil at the events. This program offering allowed DIYers to dispose of contaminated oil without taking it to a Household Hazardous Waste/Electronic Waste event that may have not been located nearby.

Participants who recycled their used motor oil and used oil filters received free used motor oil and used oil filter containers, shop towels, oil funnels, and a new oil filter in exchange for their old filter. In addition, used oil filter pickups were conducted at 35 participating O'Reilly stores. A total of 29,500 used oil filters were recycled.

A post-wave analysis was conducted targeting the general population, Hispanic, and Chinese markets. The intercept surveys were conducted at the collection events as well as various auto related stores in Los Angeles County.

The results of the post-wave were compared to those from the previous grant cycles in order to measure trends and changes in awareness levels for advertising, Certified Collection Centers (CCC) usage, hotline usage, and other determining factors for used motor oil and used oil filter recycling behavior, information, and attitudes of the program.

The results indicated advertising awareness for the promotion of used motor oil and oil filter recycling increased among the General Market (27% to 39%), slightly lowered for the Hispanic Market (68% to 64%) and dramatically decreased among the Chinese Market (89% to 48%). CCC usage to recycle used motor oil increased significantly for the General Market (44% to 71%), the Hispanic Market demonstrated a minimal drop (80% to 75%), and a significant drop for the Chinese Market (90% to 67%). Awareness of the hotline slightly decreased for the General Market (41% to 34%), slightly increased for the Hispanic Market (35% to 37%), and decreased for the Chinese Market (25% to 20%). (See Attachment IV-A3a)

New print advertisements were developed to incorporate a stronger message about protecting the environment. In addition to the new print ads, a new television ad was created. The ad showcased how to properly dispose of

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used motor oil and used oil filters. Radio spots remained the same but were updated with new event dates and locations.

The Chinese Hotline continued to be available to Mandarin speaking DIYers. More than 45 calls were received during this reporting period.

The County's contribution to the countywide stormwater paid media campaign achieved 17 million paid audience impressions and 3 million added-value impressions during this reporting period. The multi-media campaign included print, video, and radio ads. Ads were broadcasted in English and Spanish on more than 200 Metro buses, in Spanish on KXOS radio station, and also print and radio ads in English.

- b) Did the Principal Permittee organize quarterly Public Outreach Strategy meetings that you were aware of? Yes No

How many Public Outreach Strategy meetings did your agency participate in last year?

All 4 quarterly meetings

Explain why your agency did not attend any or all of the organized meetings.

N/A

Identify specific improvements to your storm water education program as a result of these meetings:

None.

List suggestions to increase the usefulness of quarterly meetings:

None.

If quarterly Public Outreach Strategy meetings were not organized, explain why not and when this requirement will be implemented (*Principal Permittee only*).

N/A

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- c) Approximately how many impressions were made last year on the general public about storm water quality via print, local TV, local radio, or other media? **30 million**
- d) Describe efforts your agency made to educate local schools on storm water pollution.

The County and LACFCD provide resources and programs for in-school stormwater education to students enrolled in grades K-12 through classroom lesson plans, assembly presentations, technical assistance workshops, special events, and special projects.

The Generation Earth program worked with 35 educators, teaching over 3,200 students at 22 schools potentially impacting 29,000 students during this reporting period.

Generation Earth conducted four one-day professional development workshops and one two-day Summer Institute Professional Development workshop. The program assisted and trained a total of 10 teachers representing 10 schools. These teachers worked directly with approximately 3,160 students in their classrooms and may potentially reached 23,890 students during the 2011-12 school year.

Three Waste Reduction and Recycling workshops and three Water Pollution Prevention workshops were conducted. The program assisted and trained a total of 10 teachers from 9 schools potentially impacting 23,890 students.

During the 2011-2012 school year, students participated in 34 service learning projects conducted at 14 schools potentially impacting 23,890 students.

The County and LACFCD served as a member of the steering committee for the annual Los Angeles County Environmental Education Fair (LAEEF) event, coordinated by the L.A. County Office of Education, other participating agencies and stakeholders. LACDPW assisted with graphic design of the flyer for the event. (Attachment IV-A3d1).

- e) Did you provide all schools within each school district in Los Angeles County with materials necessary to educate a minimum of 50 percent of all school children (K-12) every 2 years on storm water pollution (Principal Permittee only)? Yes No
If not, explain why.

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N/A

- f) Describe the strategy developed to measure the effectiveness of in-school educational programs, including assessing students' knowledge of storm water pollution problems and solutions before and after educational efforts (*Principal Permittee only*).

N/A

For Permit Years 2-5, attach an assessment of the effectiveness of in-school storm water education programs.

- g) What is the behavioral change target that was developed based on sociological data and other studies (*Principal Permittee only*)?

N/A

If no target has been developed, explain why and describe the status of developing a target.

N/A

What is the status of meeting the target by the end of Year 5?

N/A

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4. Pollutant-Specific Outreach

a) Attach a description of each watershed-specific outreach program that your agency developed (*Principal Permittee only*). All pollutants listed in Table 1 (Section B.1.d.) must be included.

b) Did your agency cooperate with the Principal Permittee to develop specific outreach programs to target pollutants in your area? Yes No

c) Did your agency help distribute pollutant-specific materials in your city? Yes No

d) Describe how your agency has made outreach material available to the general public, schools, community groups, contractors and developers, etc...

The County provided campaign collateral for various community and outreach events coordinated by other LACDPW divisions, Board of Supervisors, and outside agencies.

Stormwater pollution prevention materials were also circulated to secondary school students, school administrators, and parents through the County's and LACFCD's Generation Earth program. Additionally, County distributed collateral materials through CBOs, special events, and participating in 28 community events and conferences.

5. Businesses Program

a) Briefly describe the Corporate Outreach Program that has been developed to target gas stations and restaurant chains (Principal Permittee only).

N/A. The Corporate Outreach Program did not include locations in County unincorporated areas during this rating period.

b) How many corporate managers did your agency (Principal Permittee only) reach last year? **N/A**

c) What is the total number of corporations to be reached through this program (Principal Permittee only)? **N/A**

d) Is your agency meeting the requirement of reaching all gas station and restaurant corporations once every two years (*Principal Permittee only*)? **N/A** Yes No

If not, describe measures that will be taken to fully implement this requirement.

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N/A

- e) Has your agency developed and/or implemented a Business Assistance Program? Yes No
If so, briefly describe your agency's program, including the number of businesses assisted, the type of assistance, and an assessment of the program's effectiveness.

N/A

6. Did you encourage local radio stations and newspapers to use public service announcements? Yes No

How many media outlets were contacted?

All L.A. County media outlets were contacted through media wire services and/or direct contact.

Which newspapers or radio stations ran them?

During the reporting period, County's stormwater/urban runoff messages appeared in the following media: *Daily News, LA Weekly, San Gabriel Valley Tribune, Santa Clarita Valley Signal, Al Borde, Hoy, La Opinion, Vida Nueva, Eastern Publications Group, El Segundo Herald, Inglewood News, Los Angeles Daily News, Los Angeles Sentinel, The Beach Reporter, World Journal, SingTao Daily, Whittier Daily News, Press Telegram* websites, and *KAZN/KAHZ radio, and KMEX Radio*. The press releases reminded DIYers to properly dispose of used motor oil and used oil filters. The County achieved approximately 9,078,000 impressions as a result of its media relations efforts.

Who was the audience?

The audience was DIYers and members of the general public.

7. Did you supplement the County's media purchase by funding additional media buys? Yes No

The County coordinated with the LACFCD for media buys and partially funded them through the Solid Waste Fund.

Estimated dollar value/in-kind contribution:

Type of media purchased:

Frequency of the buys:

Did another agency help with the purchase? **N/A**
Yes No

8. Did you work with local business, the County, or other Permittees to place non-traditional advertising? Yes No

If so, describe the type of advertising.

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9. Did you establish local community partnerships to distribute educational storm water pollution prevention material? Yes No

Describe the materials that were distributed:

Flyers promoting used motor oil and used oil filter events were distributed by local businesses, churches, recycling centers, and community organizations to promote the events through the CBO outreach component of the Used Motor Oil and Used Oil Filter Recycling program.

Who were the key partners?

CBO partners for the Used Motor Oil and Oil Filter Recycling program.

Who was the audience (businesses, schools, etc.)?

The audience included DIYers and members of the general public.

10. Did you participate in or publicize workshops or community events to discuss storm water pollution? Yes No

How many events did you attend? **28**

11. Does your agency have a website that provides storm water pollution prevention information? Yes No

If so, what is the address? **www.888CleanLA.com**

12. Has awareness increased in your community regarding storm water pollution? Yes No

13. Do you feel that behaviors have changed? Yes No

Explain the basis for your answers. Include a description of any evaluation methods that are used to determine the effectiveness of your agency's outreach.

Based on the annual used motor oil and used oil filter recycling program survey, there was an increase in advertising awareness for the promotion of used motor oil and oil filter recycling among the General Market.

14. How would you modify the storm water public education program to improve it on the City or County level?

Continue to coordinate restaurant and RGO BMP workshops at the corporate manager level by requesting approval to offer the workshop in conjunction with regularly scheduled monthly or quarterly manager meetings.

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B. Industrial/Commercial Facilities Program

1. Critical Source Inventory Database

Did you (individually or jointly) update the Database for Critical Sources Inventory? Yes No

Comments/Explanation/Conclusion:

Environmental Programs Division (EPD) of the LACDPW performs updates to the Hazardous Materials System (HMS) database for Critical Sources Inventory on an ongoing basis. We add new businesses to HMS and "close" files of those sites where there are no critical source business operations. We obtain information from various internet databases, including Los Angeles County Public Health, Los Angeles County Treasurer & Tax Collector, LACDPW's Building & Safety Division, our Industrial Water Pretreatment Program and Hazardous Materials Underground Storage Tank Program, the Los Angeles County Certified Underground Storage Tank Program (CUPA), Google, MSN, SMARTS, and our inspectors in field offices at different locations.

As a part of HMS permitting database, we also invoice the businesses for the annual certificate fees. After each inspection, our inspection staff will update the database as to the ownership, current business operations and the results of the inspection.

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2. Inspection Program

Provide the reporting data as suggested in the following tables.

| Category | Initial Number of Facilities at the start of cycle proposed for inspection by categories (after the initial year, the updated number based on the new data) | Number of facilities inspected in the current reporting year | % Completed at the time of this report for present cycle (from the initial value, and from the updated value after first cycle) | Total number since permit adoption |
|----------------------------------|---|--|---|------------------------------------|
| Landfills | 4 | 0 | 0 | 12 |
| TSDf | 0 | 0 | 0 | 0 |
| Auto* | 707 | 413 | 58 | 4451 |
| RGO | 151 | 140 | 93 | 1075 |
| Restaurants | 1148 | 745 | 65 | 4930 |
| Tier 1 | 404 | 120 | 30 | 1886 |
| Tier 2 | 520 | 272 | 52 | 2587 |
| Mandatory | 0 | 0 | 0 | 16 |
| Comments/Explanation/Conclusion: | | | *Includes auto dealer, auto repair and auto body facilities within county jurisdiction | |

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3. **BMPs Implementation**

Provide the reporting data as suggested in the following table.

| Category | Number of facilities inspected by category in this reporting year | Number of facilities identified as adequately implementing BMPs as specified in this reporting year | % adequately implementing out of total in this reporting year | Number of facilities required to implement or upgrade in this reporting year | Number of facilities inspected by category in this reporting cycle | Number of facilities identified as adequately implementing BMPs as specified in this reporting cycle | % adequately implementing out of total in this reporting cycle | Number of facilities required to implement or upgrade in this reporting cycle | Total Number during this permit adequately implementing | Total Number during this permit required to implement or upgrade |
|-------------------|---|---|---|--|--|--|--|---|---|--|
| Landfills | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 2 |
| TSDf | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Auto | 413 | 348 | 84% | 65 | 413 | 348 | 84% | 65 | 2761 | 1686 |
| RGO | 140 | 115 | 82% | 25 | 140 | 115 | 82% | 25 | 758 | 317 |
| Restaurant | 745 | 689 | 92% | 56 | 745 | 689 | 92% | 56 | 4108 | 792 |
| Tier 1 | 120 | 103 | 86% | 17 | 120 | 103 | 86% | 17 | 1271 | 612 |
| Tier 2 | 272 | 252 | 93% | 24 | 272 | 262 | 93% | 24 | 1885 | 698 |
| Mandatory | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |

Comments/Explanation/Conclusion:

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4. Enforcement Activities

Provide the reporting data as suggested in the following tables.

| Enforcement Actions by categories (e.g. Warning letter, NOV, referral to D.A., etc.) | Number of facilities issued enforcement actions in the current reporting year | Number of facilities issued enforcement actions in the current reporting cycle | Number of facilities (re)inspected due to enforcement actions in current reporting year | Number of facilities (re)inspected due to enforcement actions in current reporting cycle | Number of facilities brought into compliance in the current reporting year | Number of facilities brought into compliance in current reporting cycle | Total number of enforcement actions since permit adoption (by category) |
|--|---|--|---|--|--|---|---|
| Information Notice | 0 | 0 | 0 | 0 | 0 | 0 | 50 |
| Notice of Non-Compliance | 1 | 1 | 1 | 1 | 1 | 1 | 18 |
| Notice of Violation | 15 | 15 | 15 | 15 | 15 | 15 | 72 |
| Referral | 0 | 0 | 0 | 0 | 0 | 0 | 60 |
| Other | 0 | 0 | 0 | 0 | 0 | 0 | 27 |

| Facilities by category | Number of Warning letters | Number of NOVs | Number of Referral | Number of Other |
|------------------------|---------------------------|----------------|--------------------|-----------------|
| Landfills | 0 | 0 | 0 | |
| Auto | 0 | 5 | 0 | |
| RGO | 1 | 2 | 0 | |
| Restaurants | 0 | 5 | 0 | |
| Tier 1 | 0 | 1 | 0 | |
| Tier 2 | 1 | 1 | 0 | |
| Mandatory | 0 | 0 | 0 | |

Comments/Explanation/Conclusion:

| |
|--|
| |
|--|

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5. Program Implementation Effectiveness Assessment

Please give a brief assessment of the implementation of the program in removing pollutants from the storm water discharges. Please provide an explanation. Suggested improvements or adjustments based on the knowledge gained through this reporting period activities must be reflected in a change in the SQMP, if warranted.

Highly Effective

Somewhat Effective

Non-effective

Comments/Explanation/Conclusion:

The effectiveness of the inspection program is dependent on training, cooperation and compliance of each industrial/commercial facility.

6. You must also submit a quarterly electronic submittal of your Industrial/Commercial Facilities Program activities.

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C. Development Planning Program (Part 4.D)

1. Does your agency have a process to minimize impacts from storm water and urban runoff on the biological integrity of natural drainage systems and water bodies in accordance with requirements under CEQA, Section 404 of the CWA, local ordinances, and other legal authorities? Yes No

Attach examples showing how storm water quality impacts were addressed in environmental documents for projects over the past year.

See Attachment IV-C1

2. Does your agency have procedures to include the following requirements in all priority development and redevelopment projects:
- a) Maximize the percentage of permeable surfaces to allow more percolation of storm water into the ground? Yes No
- b) Minimize the quantity of storm water directed to impermeable surfaces and the MS4? Yes No
- c) Minimize pollution emanating from parking lots through the use of appropriate treatment control BMPs and good housekeeping practices? Yes No
- d) Provide for appropriate permanent measures to reduce storm water pollutant loads from the development site? Yes No

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3. List the types and numbers of BMPs that your agency required for priority projects to meet the requirements described above.

- **CDC Gross Pollutant Separators**
- **Contech CDS Unit**
- **Abtech OARS Oil Skimmer**
- **Abtech Ultra Urban Catch Basin Insert**
- **Clean Screen Catch Basin Inserts**
- **Fossil Filter Catch Basin Inserts**
- **KriStar Flogard Catch Basin Inserts**
- **Site Design and Landscaping Planning**
- **Hydroseeding slopes post grading**
- **Efficient Irrigation**
- **Storm Drain Signage**
- **Fueling Areas**
- **Trash Storage Areas**
- **Rain Gardens**
- **Restaurant Vent Traps**
- **Floating Trash Booms**
- **Filtterra Biofiltration Unit**
- **Drain Inserts**
- **Drain Pac Catch Basin Inserts**
- **Vortex Separator**
- **Water Clarifiers in parking lots**
- **Water Retention Basins designed into landscape**
- **Use of previous materials such as decomposed granite**
- **Use of porous pavement and/or pavers on parking lots and hardscape**
- **Infiltration Trenches**
- **United Storm Water – ARS and CPS Units**
- **Implementation of Low Impact Development features such as bioswales**

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4. Describe the status of the development or implementation of peak flow controls in Natural Drainage Systems.

Compliance with the interim Peak Flow policy is required of new discretionary projects and is incorporated in drainage concept and hydrology plan checking.

Interim standards for peak flow were prepared and submitted to the Regional Board on January 31, 2005, following overall completion of the peak flow study. Results of the Peak Flow Study were also previously submitted to the Regional Board.

Research and discussion continues periodically to develop more effective and accurate ways to implement peak flow controls.

Additionally, the County has continued to implement its Low Impact Development Standards Manual (LID Manual) that was released in January 2009 to incorporate sustainable practices to improve runoff water quality, recharge groundwater, and reduce hydromodification. These practices are consistent with the LID Ordinance adopted by the Los Angeles County Board of Supervisors in November 2008. The LID Manual describes sustainable practices that developers can design that will protect surface and groundwater quality, maintain the integrity of ecosystems, and preserve the physical integrity of receiving waters by managing stormwater runoff. The LID Manual was developed to set design requirements for new development and redevelopment. Developers must incorporate design features to match the undeveloped runoff volume of the site for several design storm options including 85th percentile or 3/4" rainfall event. If the developed site yields a greater volume of runoff compared to the undeveloped site, the excess runoff must be infiltrated, captured and reused, or evapotranspired at maximum extent technically feasible or by using BMPs. Any remaining excess volume shall be treated and released.

5. Has your agency amended codes and/or ordinances to give legal effect to the SUSMP changes required in the Permit?

Yes No

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6. Describe the process your agency uses to include SUSMP design standards in new development and redevelopment project approvals.

Subdivision projects coordinated through the Department of Regional Planning must go through a tentative map review process. During that process, the LACDPW's Land Development Division (LDD) reviews the project for grading, street, and drainage feasibility. If changes to drainage/hydrology are proposed as part of the project, a drainage concept must be submitted and approved by LDD. As part of the drainage concept review, LDD will determine if the project falls into a category of development and/or redevelopment requiring SUSMP. If it does, the drainage concept must meet the criteria established in the SUSMP Manual (available to the public at http://dpw.lacounty.gov/wmd/NPDES/SUSMP_MANUAL.pdf) prior to approval. If storm drain improvements are a condition of the parcel or tract map, the storm drain improvement plans for the subdivision are also reviewed by LDD. Prior to approval, the plans must comply with the approved drainage concept/SUSMP. Storm drain bonds are typically posted for the improvement, and are not released until inspection by LACDPW's Construction Division (CON) confirms that what was built matches what was approved on the plans. Likewise, LDD reviews the grading and street improvement plans to ensure that the project meets SUSMP requirements, where applicable, prior to approval.

In November 2009, the County adopted a set of design and safety standards for rain barrels and cisterns that could be used for rainwater harvesting associated with LID compliance for development and redevelopment in unincorporated County area. The County invited 20 vendors nationwide to submit a list of products that met the standard. The list of pre-approved products is used by developers and County plan checkers to expedite the SUSMP/LID approval process.

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7. How many of each of the following projects did your agency review and condition to meet SUSMP requirements last year?

| | |
|---|-----------|
| a) Residential | 22 |
| b) Commercial | 30 |
| c) Industrial | 5 |
| d) Automotive Service Facilities | 2 |
| e) Retail Gasoline Outlets | 1 |
| f) Restaurants | 0 |
| g) Parking Lots | 49 |
| h) Projects located in or directly adjacent to or discharging directly to an environmentally sensitive area | 1 |
| i) Total number of permits issued to priority projects | 66 |

8. What is the percentage of total development projects that were conditioned to meet SUSMP requirements? **90%**

9. How has your agency prepared to reduce the SUSMP threshold for industrial/commercial facilities to 1 acre from 100,000 square feet in 2003?

All of our review sheets indicate the reduced threshold. Every project that applies for a building permit will be subject to the reduced threshold of 1 acre.

10. After 2003, how many additional projects per year will require/did require implementation of SUSMP requirements as a result of the lower threshold?

This data is not tracked

11. Does your agency participate in an approved regional or sub-regional storm water mitigation program to substitute in part or wholly SUSMP requirements for new development?

Yes No

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12. Has your agency modified its planning procedures for preparing and reviewing CEQA documents to consider potential storm water quality impacts and provide for appropriate mitigation? Yes No

If no, provide an explanation and an expected date of completion.

N/A

13. Did your agency update any of the following General Plan elements in the past year?

- a) Land Use Yes No
- b) Housing Yes No
- c) Conservation Yes No
- d) Open Space Yes No

If yes, please describe how watershed and storm water quality and quantity management considerations were included.

The existing Countywide General Plan was adopted in 1980 and is currently in the process of being updated. Adoption of the new General Plan by the Los Angeles County’s Board of Supervisors is tentatively planned for 2013. All of the aforementioned elements have been revised within the Update.

14. How many targeted staff were trained last year? **300**
15. How many targeted staff are trained annually? **300 – 350**
16. What percentage of total staff are trained annually? **90%**
17. Has your agency developed and made available development planning guidelines? Yes No
18. If no, what is the expected date that guidelines will be developed and available to developers? **N/A**

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19. What is the status of completion of the technical manual for siting and design of BMPs for the development community?

The Best Management Practices Technical Manual was submitted to the Regional Board by February 2, 2004, in accordance with Part 4.D.14 of the Permit. Subsequently in March 2009 the County adopted the Stormwater Best Management Practice Design and Maintenance Manual which has been incorporated into our project review process to further assist in the selection and locating of BMP/Water Quality devices. Also, we continue to implement the LID Manual and Guidance for new and redevelopment projects.

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D. Development Construction Program

1. Describe your agency's program to control runoff from construction activity at all construction sites within its jurisdiction.

All applicants are required to prepare a Wet Weather Erosion Control Plan and/or a Local Storm Water Pollution Prevention Plan (LSWPPP) based on the guidelines described in the Construction BMP Handbook. BMP notes are added on all storm drain, road, sewer, and grading plans and the owner/engineer is required to sign a statement of understanding. Erosion Control Plans, Local SWPPP, and SWPPP are required prior to grading plan approval. Approved copies are kept at construction sites.

2. Does your agency require the preparation, submittal, and implementation of a Local Storm Water Pollution Prevention Plan (Local SWPPP) prior to the issuance of a grading permit for all sites that meet one or all of the following criteria?

- a) Will result in soil disturbance of one acre or greater Yes No
- b) Is within, directly adjacent to, or is discharging directly to an environmentally sensitive area Yes No
- c) Is located in a hillside area Yes No

3. Attach one example of a local SWPPP

See Attachment IV-D3

4. Describe the process your agency uses to require proof of filing a Notice of Intent for coverage under the State General Construction Activity Storm Water permit and a certification that a SWPPP has been prepared prior to issuing a grading permit?

The County requires the following information to be submitted prior to all grading plan approvals:

- 1. A copy of the filed NOI**
- 2. The issued WDID number**
- 3. The Local SWPPP**

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- 5. How many building/grading permits were issued to sites requiring Local SWPPPs last year? **33**
- 6. How many building/grading permits were issued to sites requiring coverage under the General Construction Activities Storm Water Permit last year? **33**
- 7. How many building/grading permits were issued to construction site less than one acre in size last year? **3,383**
- 8. How many construction sites were inspected during the last wet season? **3,383**
- 9. Complete the table below.

| Type of Violation | # of Violations | % of Total Inspections | # of Follow-up Inspections | # of Enforcement Actions |
|--|------------------------|-------------------------------|-----------------------------------|---------------------------------|
| Off-site discharge of sediment | 22 | 0.6% | 21 | 1 |
| Off-site discharge of other pollutants | 3 | 0.1% | 6 | 0 |
| No or inadequate SWPPP | 5 | 0.1% | 5 | 1 |
| Inadequate BMP/SWPPP implementation | 48 | 1.4% | 49 | 5 |

- 10. Describe the process for taking enforcement actions against construction site violations, including the types of actions that are taken.

Enforcement of violations is performed in the following order: Warnings, Stop-Work Notices, Office Meetings, Recording of Notices of Violation, Referrals to the Regional Water Quality Control Board, and Fines or Nonpayment of general contractor's invoices until compliance is met.

- 11. Describe the system that your agency uses to track the issuance of grading permits.

The County uses a computer database to track all single lot (non-tract) projects, which are categorized according to disturbed/graded area in acres.

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E. Public Agency Activities (Part 4.F)

1. Sewage System Maintenance, Overflow, and Spill Prevention (only applicable to agencies that own and/or operate a sanitary sewer system)

a) Has your agency developed and implemented a response plan for sanitary sewer overflows that includes the requirements in Order 01-182? Yes No

b) How many sanitary sewer overflows occurred within your jurisdiction? **89**

c) How many did your agency respond to? **89**

d) Did your agency investigate all complaints received? Yes No

e) How many complaints were received? **1068**

f) Upon notification, did your agency immediately respond to overflows by containment? Yes No

g) Did your agency notify appropriate sewer and public health agencies when a sewer overflowed to the MS4? Yes No

h) Did your agency implement a program to prevent sewage spills or leaks from sewage facilities from entering the MS4? Yes No

If so, describe the program:

Sand bags, sand berms and adsorbent circular tubes/socks are used to contain sewage spills. Hydro – Vector trucks are used to vacuum and pick-up debris and return the liquid to the sewer collection system.

i) Did your agency implement a program to identify, repair, and remediate sanitary sewer blockages, exfiltration, overflow, and wet weather overflows from sanitary sewers to the MS4? Yes No

If so, describe the program:

The Consolidated Sewer Maintenance District (CSMD) serves the unincorporated area of the County and 39 cities. A “Preventive Maintenance” program consisting of regular inspection and periodic maintenance of the sewer system and appurtenance are summarized below.

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The CSMD visually inspects all sewer manholes approximately every six months. Sewer inspection typically involves examining the pipe at a manhole to observe flow conditions. Flow is checked for depth (which should be less than $\frac{1}{2}$ pipe diameter), smoothness, and restrictions for stoppages. Abnormal flow conditions are scheduled for cleaning to restore normal flow.

LACDPW operates a 24-hour, toll-free emergency Hotline (1-800-675-HELP) for use by County staff, cities and the public in reporting incidents. Calls received are immediately dispatched to the appropriate LACDPW personnel for investigation and resolution. During weekday working hours, calls are dispatched to the CSMD yard that is closest to the reported incident. For evening, weekends and holidays, the CSMD designates a maintenance crew to be available or "on-call", to respond to incidents. All complaints are investigated and immediate appropriate actions are taken.

Materials impeding flow in the pipe are noted and recurring problems are placed on periodic maintenance schedule to prevent a reoccurrence. Sewer pipes not fixed by cleaning or periodic maintenance are typically video-inspected using a closed circuit television camera to determine the source (i.e., structural failure, illegal discharge, inflow/infiltration, etc.). Based on the results of the video inspection, future action to remedy the situation may be taken. This could include replacement or rehabilitation of the segment of pipe.

The objectives of the "Preventive Maintenance" program is to protect the health and welfare of the community by insuring the continuous uninterrupted operation of the public sewer system; and to protect the storm drain system and receiving waters from the impact of sewage overflow.

Condition Assessment Program

The primary objectives of this program are to perform closed-circuit television (CCTV) inspections and structurally rate approximately 500 miles of sewer infrastructure each year.

The televising will be prioritized to focus on those sewers with the most potential for repair needs. Maintenance history, past overflow records, sewer locations, and age will be some of the factors used to prioritize the televising schedule.

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LACDPW has selected a digital video pipeline inspection system. This system allows for the most consistent and thorough collection of data. Under this system, a CCTV van crew gathers video and data for each pipe segment to identify any deficiencies and engineers review the tapes and video logs to determine if the sewer facilities should be repaired or replaced immediately, or scheduled for future improvements.

In 1987, the County Board of Supervisors established the Accumulative Capital Outlay Fund (ACO) to finance the repair or replacement of structurally deficient collection sewer system for the CSMD. Under this program 119 miles of identified deteriorated sewer lines and 14 pump stations have been rehabilitated. Sewer facilities identified through the CSMD's Condition Assessment Program will also be prioritized and included in the list of projects to be financed with ACO.

Reference: Sewer System Management Plan for the Consolidated and Marina Sewer Maintenance Districts for all Supervisorial Districts adopted by the Board on May 6, 2008.

2. Public Construction Activities Management

a) What percentage of public construction sites 5 acres or greater in size did your agency obtain coverage under the State of California General Construction Activities Storm Water Discharge Permit? **100%**

b) Give an explanation for any sites greater than 5 acres that were not covered:

N/A

c) What is the total number of active public construction sites? **46**
 How many were 5 acres or greater in size? **4**

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- d) (After March, 2003) Did your agency obtain coverage under the State of California General Construction Activities Storm Water Discharge Permit coverage for public construction sites for sites one acre or greater? Yes No

3. Vehicle Maintenance/Material Storage Facilities/Corporation Yards Management

- a) Did your agency implement pollution prevention plans for each public vehicle maintenance facility, material storage facility, and corporation yard? Yes No

N/A

- b) Briefly describe how your agency implements the following, and any additional, BMPs to minimize pollutant discharges in storm water:

(1) Good housekeeping practices

All sites regularly maintain storm drain inlets and grounds to keep them debris-free.

Each County of Los Angeles-owned airport conducts daily airfield storm drain and grounds inspections to ensure they are kept debris-free. In addition, regular communications with on-site, contracted airport managers and airport personnel is maintained.

Parking lots at County maintenance yards are inspected twice a month and swept at least once a month.

A parking lot sediment trap has been installed and maintained in some of the yards.

The County emphasizes extensive education and training of field staff through routine tailgate meetings where good housekeeping practices such as proper disposal of trash and waste are discussed. Furthermore, the County stresses the importance of maintaining records and training materials. In addition, inspections of maintenance yards are also conducted on a regular basis, above and beyond the permit requirements, and LACDPW's WMD staff conducted 92 inspections of County facilities as part of its Clean Yards Program.

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(2) Material storage control

Outdoor material, and all aggregate concrete bunkers are covered properly with tarps or canopies.

Berms have been constructed and fire hoses filled with sand have been placed at the edges to prevent sediment displacement due to runoff.

Material storage is done indoors in some instances.

All hazardous waste storage areas are equipped with proper containments and all areas are routinely monitored according to existing policies on material storage.

Hazardous waste is collected regularly by a licensed contractor.

The County conducts extensive training on proper storage and disposal of waste materials indoors and outdoors.

(3) Vehicle leaks and spill control

Warehouses and maintenance facilities, such as those for auto fueling and repairs, are equipped with spill kits so that in the event of a spill or a leak, it is contained and cleaned up immediately. In addition all wastes are properly labeled and separated.

Furthermore, drip pans, absorbent pads and kitty litter (powdered clay) are used under leaky vehicles until repair is completed. Liquid spills are prevented by secondary containment. The maintenance facilities added spill pans underneath permanent parking stalls for maintenance trucks.

The County emphasizes keeping an education and spill response plan in place throughout the various County facilities, so employees are familiar with proper procedures.

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(4) Illicit discharge control

Sand bags or other containment devices are placed around catch basin inlets at storage facilities to prevent illicit discharges.

The County provides extensive training and instructions on prevention of and response to illicit discharges.

- c) Are all Permittee owned and/or operated vehicle/equipment wash areas self-contained, covered, equipped with a clarifier, and properly connected to the sanitary sewer? Yes No
- If not, what is the status of implementing this requirement?

Major maintenance yards have self-contained, covered vehicle/equipment wash areas equipped with clarifiers that are connected to the sanitary sewer. For yards located in areas without a sewer system such as Malibu, crews capture and pump wash water into a holding tank and contact a vendor for proper disposal. Other maintenance yards take their vehicles to a local car wash or to a main yard with a properly equipped wash area or have a waste water clarifier, which is connected to an on-site septic system.

Each County of Los Angeles-owned airport is equipped with a Sanitation District approved wash facility for aircraft that is connected to a clarifier and sanitary sewer controlled by a rainwater diversion switch.

- d) How many Permittee owned and/or operated vehicle/equipment wash areas are scheduled to be redeveloped to include the BMPs listed above? **0**

4. Landscape and Recreational Facilities Management

- a) Has your agency developed a standardized protocol for the routine and non-routine application of pesticides, herbicides (including pre-emergents), and fertilizers? Yes No

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Briefly describe this protocol:

The County follows all Federal, State and local laws pertaining to the purchase, storage and use of pesticides and herbicides. The County of Los Angeles’s Agricultural Commissioner/Weights and Measures (ACWM) provides training and certifies pertinent County personnel in pesticide application on ground surfaces. In some cases, the ACWM is contracted by some County of Los Angeles Departments for pesticide and herbicide application. In other instances, outside licensed vendors or landscaping contractors are retained. They are required to follow all applicable laws, regulations, and protocols as described in their contracts.

In the case of waste water treatment plants, operators use an EPA approved pesticide/germicide.

- b) How does your agency ensure that there is no application of pesticides or fertilizers immediately before, during, or immediately after a rain event or when water is flowing off the area to be applied?

The County maintenance supervisors oversee the timing of these applications, and their field staff is adequately trained during the annual storm water pollution prevention tailgate meetings on the proper use and storage of pesticides, herbicides and fertilizers. The County schedules these activities well in advance, inclusive of spot spraying, and applications are only scheduled during dry weather. In addition, weather forecasts are considered before any application. The County enforces these existing policies with its contractors to ensure that herbicides are sprayed in a proper manner. In addition, these requirements are included in County construction documents, plans, and specifications. Furthermore, there is no application allowed on beaches.

- c) Are any banned pesticides, herbicides, fungicides, or rodenticides stored or applied in your agency's jurisdiction that you know of? Yes No

If so, list them:

N/A

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- d) What percentage of your agency's staff that apply pesticides are certified by the California Department of Food and Agriculture, or are under the direct supervision of a certified pesticide applicator? **100%**

- e) Describe procedures your agency has implemented to encourage retention and planting of native vegetation and to reduce water, fertilizer, and pesticide needs:

The County typically incorporates drought resistant plants in landscaping projects. In most cases mulch is used to retain moisture and prevent weed growth. The County developed a Master Tree list to aid in the selection of native vegetation or other species that are drought resistant or are known to thrive in particular climate zones. In certain areas, the County practices xeriscaping, and uses artificial turf wherever sod needs to be replaced.

Finally, all the County's capital projects include in their construction plans and specifications the implementation of Ordinances for Green Building, Low Impact Development and Drought-Tolerant Landscaping.

5. Storm Drain Operation and Management

- a) Did your agency designate catch basin inlets within its jurisdiction as Priority A; Priority B; and Priority C? Yes No

- b) How many of each designation exist in your jurisdiction?

| | |
|-------------|--------------|
| Priority A: | 0 |
| Priority B: | 0 |
| Priority C: | 1,140 |

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- c) Is your city subject to a trash TMDL? Yes No
- d) If yes, describe the activities and/or implementation measures that your agency conducted pursuant to the TMDL and any other trash reduction efforts that occurred.

The County has implemented the following efforts in their routine maintenance operations.

- **Catch Basin Cleanout Contracts to clean out all catch basins.**
- **Catch Basin Cleanout Contract specifically for catch basins equipped with trash excluder devices.**
- **Installation of trash receptacles at bus stations.**
- **Installation of 851 Connector Pipes Screens (CPS) and 463 Automatic Retracting Screens (ARS) trash excluder devices within the Unincorporated County Communities pursuant to the trash TMDL. Street Sweeping activities are performed in various watersheds such as: Santa Clara River where this activity continues weekly in the vicinity of Lake Elizabeth.**
- **In addition, in February 2012, the Lake Elizabeth, Munz Lake and Lake Hughes Trash TMDL compliance project installed full capture devices, which included Connector Pipe Screens and Automatic Retractable Screens on three catch basins achieving the required 60% compliance. The remaining two full capture devices will be installed prior to the 100% compliance deadline of March 4, 2016.**

Lake Elizabeth, Munz Lake and Lake Hughes Trash TMDL - Street Sweeping continues weekly in the vicinity of Lake Elizabeth.

Stormwater pollution prevention messages were broadcasted throughout the County of Los Angeles in FY 11-12 between February 21, 2012, and April 25, 2012 on the following radio stations: KXOL-AM, EXITOS, and KBUE-AM (Spanish language), and ESPN, KROQ, and KFWB (English language). A billboard about cigarette butts was displayed from March 19, 2012 through May 12, 2012 in Canyon Country (Sierra Hwy, south of Soledad Canyon facing north), and in Acton (Antelope Valley Fwy, one mile east of Red Rover Mine facing west).

Furthermore, the following reports have been submitted to the Regional Board:

The Annual Los Angeles River Trash TMDL Compliance

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Report was submitted on October 31, 2011.

The Ballona Creek Watershed Trash TMDL Monitoring and Annual Report for Implementation Year 7 was submitted on August 15, 2012.

The County of Los Angeles has planned and implemented the following improvements at County of Los Angeles lakes in order to reduce trash levels:

- **Trash filter fences;**
- **Increased number of trash cans;**
- **Scheduled lake edge trash pickup;**
- **Lake surface pickup;**
- **Visual trash monitoring stations; and**
- **Separate trash collection bins for lake trash.**

Additionally, on November 16, 2010, the Los Angeles County Board of Supervisors adopted an ordinance to prohibit the distribution of plastic carryout bags at all grocery stores, pharmacies, convenience stores, and food marts in unincorporated areas. This ban went into effect on July 1, 2011, for large stores, and on January 1, 2012, for all smaller stores. The ordinance also imposes a charge of ten cents on each paper carryout bag used. Furthermore, the "AboutThebag.com" website was developed to provide additional information regarding this ordinance.

On December 15, 2010, the County, in partnership with Heal the Bay, hosted a bag summit to provide information and resources to cities. In addition, during the month of June 2011, the County gave away more than 22,000 reusable bags at various supermarkets and informed residents about the bag ban starting on July 1, 2011. During the month of December 2011, the About The Bag Eco-Elf campaign distributed 7,000 reusable bags at about a dozen participating stores and libraries, and ran a sweepstakes for residents pledging to use reusable shopping bags. As a result of the campaign, over 300 residents have made the pledge at www.AboutTheBag.com.

The County considers the ordinance to be a great success, with affected stores phasing out the use of single use plastic bags and reducing their use of paper bags. Reception from residents has been overwhelmingly positive. Media coverage has also been very positive and assisted in raising awareness of the Ordinance provisions, making for a smoother transition. From the reports we have received from stores so far, we have calculated a

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95 percent reduction of single use carryout bag usage from before the Ordinance went into effect to immediately after the Ordinance went into effect. We are optimistic that customers that have been bringing reusable bags to large grocery and drug stores will carry that habit over to all their shopping, including the smaller stores now subject to complying with the Ordinance as of January 1, 2012.

On September 21, 2010, the Los Angeles County Board of Supervisors (Board) adopted a prohibition on the purchase and use of all expanded polystyrene (EPS, aka Styrofoam™) food containers at County operations. In November 2011, the County submitted a report to the Board on the implementation of the prohibition of EPS food containers at County operations and on the feasibility of expanding the restriction to food service establishments and retail stores in the unincorporated County areas. The County developed a recommendation for consideration by the Board, consisting of three components:

- 1. Pursue the passage of a prohibition of EPS food containers at a Statewide level**
- 2. Partner with the industry to establish a comprehensive program to reduce litter, including EPS food container litter, in the region**
- 3. Consider a ban in unincorporated County areas if measures 1 and 2 above are not found to be successful**

A copy of the memo to the Board and submitted Staff Report may be downloaded from the following website: http://dpw.lacounty.gov/epd/eps/pdf/EPS_P2_File.pdf.

Since June 2004, smoking has been prohibited at public beaches in the unincorporated County areas, and since September 2009, smoking has been prohibited at public parks as well. A website (www.LAQuits.com) and toll-free phone hotline (1-800-NO-BUTTS) have been developed to help residents. On March 3, 2011, the County Department of Public Health launched a campaign promoting the City of Los Angeles' smoke-free outdoor dining law adopted in January 2010. Business owners and mobile food vendors can learn more about the law and download the proper signage at FreshAirDiningLA.com.

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- e) How many times were all Priority A basins cleaned last year? **4**
- f) How many times were all Priority B basins cleaned last year? **2**
- g) How many times were all Priority C basins cleaned last year? **1**
- h) How much total waste was collected in tons from catch basin clean-outs last year? **13.7 tons**
- i) Attach a record of all catch basins in your jurisdiction. This shall identify each basin as City or County owned, and Priority A, B, or C. For all basins that are owned and operated by your agency, include dates that each was cleaned out over the past year.

Records for catch basin maintenance are too voluminous to attach to this report; they can be provided separately upon request.

- j) Did your agency place and maintain trash receptacles at all transit stops within its jurisdiction. Yes No
- k) How many new trash receptacles were installed last year? **1**
- l) Did your agency place special conditions for events that generated substantial quantities of trash and litter including provisions that:
- (1) Provide for the proper management of trash and litter generated from the event? Yes No
- (2) Arrange for temporary screens to be placed on catch basins? Yes No
- (3) Or for catch basins in that area to be cleaned out subsequent to the event and prior to any rain? Yes No
- m) Did your agency inspect the legibility of the catch basin stencil or labels? Yes No
What percentage of stencils were legible? **over 90%**

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n) Were illegible stencils recorded and re-stenciled or re-labeled within 180 days of inspection? Yes No

o) Did your agency visually monitor Permittee-owned open channel storm drains and other drainage structures for debris at least annually and identify and prioritize problem areas of illicit discharge for regular inspection? **N/A** Yes No

Is the prioritization attached? Yes No

p) Did your agency review its maintenance activities to assure that appropriate storm water BMPs are being utilized to protect water quality? Yes No

What changes have been made?

No significant changes were made during this reporting period. The County continues to review all standard maintenance procedures and use of BMPs to assure that they are being utilized appropriately as part of an overall iterative and adaptive strategy to improve urban and storm runoff quality. New or improved BMPs are evaluated and may be implemented as a pilot study.

q) Did your agency remove trash and debris from open channel storm drains a minimum of once per year before the storm season? **N/A** Yes No

r) How did your agency minimize the discharge of contaminants during MS4 maintenance and clean outs?

The County utilizes manual labor for MS4 maintenance and cleanouts. Heavy machinery is utilized as needed. Debris that falls is picked up hand and tossed in with cleanout debris. In addition, the County followed all appropriate measures recommended in the California Stormwater Quality Association BMP Handbook to minimize the dispersal of contaminants.

s) Where is removed material disposed of?

Material is brought to a drying bed for moisture removal. Then, it is dumped into solid waste bins and transported to an authorized disposal facility center or legal dump sites.

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6. Streets and Roads Maintenance

a) Did your agency designate streets and/or street segments within its jurisdiction as one of the following:

- (1) Priority A – streets and/or street segments that are designated as consistently generating the highest volumes of trash and/or litter?

All streets with curbs are swept weekly (except during rain storms). This frequency is more than the permit requires; thus classifying those road segments as Priority A.

Yes No

- (2) Priority B - streets and/or street segments that are designated as consistently generating moderate volumes of trash and/or litter?

N/A

Yes No

- (3) Priority C – streets and/or street segments that are designated as generating low volumes of trash and/or litter?

All streets without curbs are swept on an as-needed basis, but not less than once per year, which classifies these segments as Priority C.

Yes No

b) Did your agency perform all street sweeping in compliance with the permit and according to the following schedule:

- (1) Priority A – These streets and/or street segments shall be swept at least two times per month?

Weekly, except during rainstorms.

Yes No

- (2) Priority B - Each Permittee shall ensure that each streets and/or street segments is cleaned at least once per month? **N/A**

Yes No

- (3) Priority C – These streets and/or street segments shall be cleaned as necessary but in no case less than once per year?

On as-needed basis, but not less than once a year.

Yes No

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- c) Did your agency require that saw cutting wastes be recovered and disposed of properly and that in no case shall waste be left on a roadway or allowed to enter the storm drain? Yes No
- d) Did your agency require that concrete and other street and road maintenance materials and wastes be managed to prevent pollutant discharges? Yes No
- e) Did your agency require that the washout of concrete trucks and chutes only occur in designated areas and never into storm drains, open ditches, streets, or catch basins leading to the storm drain system? Yes No
- f) Did your agency train its employees in targeted positions (whose interactions, jobs, and activities affect storm water quality) regarding the requirements of the storm water management program to:
 - (1) Promote a clear understanding of the potential for maintenance activities to pollute storm water? and Yes No
 - (2) Identify and select appropriate BMPs? Yes No

7. Parking Facilities Management

- a) Did your agency ensure that Permittee-owned parking lots be kept clear of debris and excessive oil buildup and cleaned no less than 2 times per month and/or inspected no less than 2 times per month to determine if cleaning is necessary.
Some parking lots are swept as frequently as once per week. Yes No
- b) Were any Permittee-owned parking lots cleaned less than once a month? Yes No
How many? **N/A**

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8. Public Industrial Activities Management
- a) Did your agency, for all municipal activity considered an industrial activity under USEPA Phase I storm water regulations, obtain separate coverage under the State of California General Industrial Activities Storm Water Discharge Permit no later than December 31, 2001? Yes No
- b) Does your agency serve a population of less than 100,000 people? Yes No
9. Emergency Procedures
- a) In case of real emergencies, did your agency repair essential public services and infrastructure in a manner to minimize environmental damage? Yes No
- b) Were BMPs implemented to the extent that measures did not compromise public health and safety? Yes No
10. Feasibility Study
- a) Did your agency cooperate with the County Sanitation Districts of Los Angeles County to prepare a study which investigates the possible diversion of dry weather flows or the use of alternative treatment control BMPs? Yes No
- b) Did your agency review its individual prioritized list and create a watershed based priority list of drains for potential diversion and submit a listing of priority diversions to the Regional Board Executive Officer? Yes No

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- F. Illicit Connections and Illicit Discharges (IC/ID) Elimination Program (Part 4.G)
1. Attach a copy of your agency's IC/ID Elimination Implementation Program (Part 4.G.1.a.).

The County's IC/ID Elimination Program Manual can be downloaded at www.lawatersheds.org

2. Attach a map of your storm drain system showing all permitted connections (if available), and the locations of all illicit connections and discharges that occurred last year (Part 4.G.1.b). If your agency has not completed this requirement, describe the status of the development of a baseline map, including an expected completion date.

Permitted and suspected illicit connections and discharges are stored in the Maintenance Management System (MMS) (database) and spreadsheets.

3. Describe your enforcement procedures for eliminating illicit discharges and terminating illicit connections.

The field staff responds immediately to reported spills and discharges, barricades the area, and contains any observed spills or discharges. The field staff then calls a vendor for immediate clean up and files a Hazardous Material Release Response (HMRR) report. If a responsible party of the spill is identified, he/she will be billed for the cleanup. Situations requiring formal enforcement (e.g., warning letter, NOV, referral to District Attorney, etc.) are referred to LACDPW's Environmental Program Division (EPD).

EPD follows the enforcement procedures for eliminating illicit discharges outlined in Section 9 in the implementation manual Volume V for Illicit Connections and Discharges.

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4. Describe your record keeping system to document all illicit connections and discharges.

For Illicit Connections:
The illicit connections are entered into the MMS and unique equipment numbers are assigned.

For Illicit Discharges:
After responding and cleaning up of spills/discharges, the field staff will document the discharge and gather any relevant information on a HMRR. The information is entered into the MMS.

Illicit discharge complaints and referrals to EPD are initially documented in the HMS database program, and an inspection/investigation is created. If the discharge is determined not to be in our jurisdiction, we will refer the complaint to the appropriate agency. If an illicit discharge is discovered during the inspection/investigation and the discharge ceases with no further follow up actions required, the complaint is closed out. If the discharge requires further follow-up action(s) by EPD, a follow up will be done. A violation will be created and/or a Notice will be issued.

5. What is the total length of open channel that your agency owns and operates? **0.5 mile**
6. What length was screened last year for illicit connections? **0.5 mile**
7. What is the total length of closed storm drain that your agency owns and operates? **55 miles**
8. What length was screened last year for illicit connections? **55 miles**
9. Describe the method used to screen your storm drains.

LACDPW's Road Maintenance Division (RMD) performs visual inspections as part of its annual drainage inspection program. Typically the inspections are limited to the drainage inlets and outlets. These inspections are typically performed prior to the start of storm / rainy season (late summer / early fall).

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10. Provide the reporting data for illicit connections as suggested in the following table (you may submit a spreadsheet from your database that contains the information).

| Year | Total # reported/ identified | Total # investigated | # that conveyed exempt discharges or NPDES permitted | # that conveyed illicit discharges that were terminated | # that were removed | # that resulted in enforcement action | # that resulted in <i>other</i> actions |
|-------|------------------------------|----------------------|--|---|---------------------|---------------------------------------|---|
| 01/02 | 2 | 2 | 0 | 2 | 2 | 0 | 0 |
| 02/03 | 4 | 4 | 0 | 4 | 4 | 0 | 0 |
| 03/04 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 04/05 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 05/06 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 06/07 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 07/08 | 1 | 1 | 0 | 1 | 1 | 0 | 1 |
| 08/09 | 2 | 1 | 0 | 1 | 1 | 0 | 2 |
| 09/10 | 2 | 1 | 0 | 1 | 1 | 0 | 2 |
| 10/11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11/12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

11. Explain any other actions that occurred in the last year.

12. What is the average time it takes your agency to initiate an illicit connection investigation after it is reported?

21 days

a) Were all identified connections terminated within 180 days?

Yes No

b) If not, explain why.

N/A

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13. Provide the reporting data for illicit discharges as suggested in the following table (you may submit a spreadsheet from your database that contains this information).

| Year | Total # reported | Total # that were discontinued/cleaned up voluntarily through enforcement and the source was identified | # that were cleaned up but the source could not be identified | # that resulted in no evidence of discharge | # that were determined to be conditionally exempt | # that were exempt or in compliance and the source identified | # that resulted in enforcement action |
|-------|------------------|---|---|---|---|---|---------------------------------------|
| 01/02 | 18 | 2 | 16 | 0 | 0 | 0 | 0 |
| 02/03 | 73 | 0 | 73 | 0 | 0 | 0 | 0 |
| 03/04 | 11 | 0 | 11 | 0 | 0 | 0 | 0 |
| 04/05 | 77 | 0 | 77 | 0 | 0 | 0 | 0 |
| 05/06 | 65 | 0 | 65 | 0 | 0 | 0 | 0 |
| 06/07 | 39 | 0 | 39 | 0 | 0 | 0 | 0 |
| 07/08 | 219 | 0 | 219 | 7 | 0 | 0 | 0 |
| 08/09 | 72 | 7 | 59 | 28 | 1 | 4 | 1 |
| 09/10 | 34 | 9 | 25 | 3 | 0 | 0 | 0 |
| 10/11 | 6 | 3 | 3 | 1 | 0 | 0 | 0 |
| 11/12 | 2 | 0 | 1 | 1 | 0 | 0 | 0 |

14. What is the average response time after an illicit discharge is reported? **one business day**

a) Did any response times exceed 72 hours? Yes No

b) If yes, explain why.

N/A

15. Describe your agency's spill response procedures.

Spill response procedures are described in the illicit connections/illicit discharge program manual dated June 2002, which can be downloaded at www.lawatersheds.org; and the Illicit Discharge Response Procedure Manual and Training Code 15 of the Tailgate Codes and Topics, both available upon request.

County staff responds to any spills immediately after being notified. The staff's role is to assess and contain the spill. Our staff will ensure that the area in question is secured, cleaned, and all unauthorized people are kept away. A vendor from an approved list is called in to do the actual cleanup. Our staff will document the spill and gather any relevant information on HMRR. This information is then entered into a database for tracking.

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16. What would you do differently to improve your agency's IC/ID Elimination Program?

Increasing the number of personnel (inspectors and clerical staff) would be beneficial in meeting the sometimes challenging deadlines required for the program. The implementation of such improvements will be greatly limited by funding constraints, which are even more severe with the current economic situation.

17. Attach a list of all permitted connections to your storm sewer system.

N/A

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V. Monitoring

Briefly describe any storm water monitoring activities that are not required by Order No. 01-182 that your municipality conducted, participated in, or received funding to conduct in the past fiscal year. These activities should correspond with the dollar amount you listed in Table 2.

COUNTY OF LOS ANGELES TMDL MONITORING PROGRAMS

The County of Los Angeles participates with other agencies in the following TMDL Coordinated Monitoring Programs.

- Marina del Rey Mothers' Beach and Back Basins Bacteria TMDL
- Marina del Rey Toxics TMDL CMP
- Ballona Creek Metals and Estuary Toxic Pollutants TMDLs
- Ballona Creek, Ballona Estuary, and Sepulveda Channel Bacteria TMDL
- Malibu Creek Bacteria TMDL
- Los Angeles River and Tributaries Metals TMDL
- Santa Monica Bay Beaches Dry- and Wet-Weather Bacteria TMDLs
- Santa Clara River Bacteria TMDL

- Initiated the ambient monitoring program in accordance with the Marina del Rey Toxics TMDL CMP in August 2010. County of Los Angeles performed water quality monitoring at the Harbor; and performed Benthic Sediment and Bioaccumulation Monitoring at the Back Basins of the Marina del Rey Harbor. During the storm season, five monitoring stations were utilized to collect stormwater and estimate loading of metals and organics. Also, as required by the Marina del Rey Toxic TMDL, two Special Studies were initiated. These Special Studies included 1) Partition Coefficient Study which will evaluate the partitioning coefficients between the water column and sediment to assess water column discharges into the sediment, and 2) Low Detection Level Study which will evaluate a low detection level technique to determine water quality concentrations for those contaminants where standard detection limits cannot be used to assess the California Toxics Rule.

- Prepared a multi-pollutant Implementation Plan for the Marina del Rey Harbor to address dry and wet weather water quality improvements for bacteria, metals, toxics, chlordane and total Polychlorinated biphenyls (PCBs). This document was submitted to Regional Water Quality Control Board on March 22, 2011. The Regional Board staff responded with comments in May 2012. A revised plan was submitted to the Board in August 2012.

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VI. Assessment of Program Effectiveness

- A. Attach a summary of the effectiveness of your storm water management program. This summary should include, at a minimum, the following:
1. An assessment of your agency's compliance with permit requirements, based on your responses to the questions in this form;

The County believes it is in compliance with the requirements of Order 01-182.

Please refer to VI-A1 [G] for program assessments of the PIPP.

2. Descriptions of any evaluation methods that your agency uses to determine the effectiveness of your storm water management program;

Illicit Connection and Illicit Discharge Elimination Program

Program effectiveness can be evaluated using quantitative methods such as the year to year comparison of the number of illicit connections and illicit discharges reported/investigated/resolved (see Part IV, Items F10 and 13). Previous years' data revealed a general downward trending in the number of illicit connections and discharges from to year.

The County's MS4 consists of mostly its streets, curbs and gutters, and very few storm drains. It is very rare for County staff to encounter an illicit connection. With so few cases, it is somewhat difficult to develop any trending.

An increase in reported illicit discharges can be a result of a robust reporting program or actual increase in the number of incidents. A decrease can be due to either an actual change in behavior or a less effective reporting program. With extensive outreach, advertising and branding of the 888-CLEANLA hotline and website, the County believe any decrease in illicit discharges is more likely the result of change in polluting behaviors through the efforts of management and staff in implementing the stormwater program (reporting, investigation, and resolution; public education and outreach; etc.), rather than a decrease in reporting.

Measuring program effectiveness can be challenging in choosing meaningful metrics, properly evaluating the data, making assumptions and drawing conclusions, taking into account other factors that may affect the results. In light of some of the known weaknesses of choosing certain measures, the County should explore the use of other metrics to measure program effectiveness.

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Public Information and Participation Program

Program effectiveness is evaluated using quantitative and qualitative methods such as tracking of hotline call levels, hits on the www.888CleanLA.com website, collection levels of household hazardous waste and Electronic Waste (E-Waste), and used motor oil collected, trash measurement data, and anecdotal information gathered from program participants. We continue to implement an innovative and proactive stormwater pollution prevention public education program (See Attachment IV-A3f1 [E] and Attachment IV-A [G]).

3. A summary of the strengths and weaknesses of your agency's storm water management program;

Strengths

Meeting Permit requirements is the primary strength of the County's stormwater management program. A committed staff willing to learn and "do the right thing" is a key component to success.

Public Information and Participation Program

(See Attachment IV-A [G] for more information)

Proactive outreach to the County's and cities' elected officials continues to reinforce the importance of stormwater issues.

The primary strength of County's PIPP is the expertise of LACDPW staff to coordinate paid media buys, media relations efforts, co-permittee technical assistance, and corporate partnerships in a proficient and cost-effective manner, to encourage and facilitate pollution prevention behaviors by County residents. For example, the partnership between LACDPW and O'Reilly stores offered Do-It-Yourselfers a convenient and eco-friendly option to recycle used oil filters at stores located throughout the County.

The County continued to develop and implement a creative multimedia campaign that included broadcast of stormwater pollution prevention messages through the following media outlets: radio; television; billboards; newspapers; video aired on Metro buses and at gas stations. The campaign messages reached our target audiences and achieved an increase in advertising awareness for the promotion of used motor oil and oil filter recycling among the General Market.

The campaign continued to encourage a reduction in littering behaviors such as general littering and dropping a cigarette butt on the ground through the above-mentioned media campaigns.

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Weaknesses**Public Information and Participation Program**

(See Attachment IV-A [G] for more information)

Despite their success, the PIPP and other programs continue to be affected by limited funding availability. Although Permit requirements are being met, additional funding will enable us to conduct a more robust program, such as implementing a more comprehensive countywide campaign through consistent media flighting to address all of the types of littering.

During this reporting period, a new agreement for the Environmental Defenders program did not resume as planned due to another protest of the selected contractor for this program. The delay in approval of a contractor to implement this program decreased the numbers of students and teachers reached with stormwater pollution prevention messages. LACDPW expects the Environmental Defenders program will commence environmental education to students by winter 2013.

The Los Angeles media market continues to be a highly competitive and expensive media market. The arrival of new residents to the County each year and the cultural diversity of the target audiences continues to provide two additional ongoing challenges to reach these residents and increase awareness about stormwater pollution to achieve the desired behavior change among these target audiences.

4. A list of specific program highlights and accomplishments;

COUNTY HIGHLIGHTS & ACCOMPLISHMENTS

- Design plans were completed for construction of a rubber dam in Santa Monica Canyon Channel to increase capacity of a new low-flow diversion. Construction will be overseen by the LACFCD. Construction of Phase 1 began in March 2012, which included fence replacement and concrete work. Phase 2, which involves the installation of the rubber dam, began in July 2012. Construction was halted due to delays from construction of the low flow diversion and sewer line upgrades and right-of-way/easement issues. We expect rubber dam installation to begin again in spring 2013. We expect the whole system to be operational by 2014 when the City of Los Angeles completes the low flow diversion and sewer line upgrades. The County of Los Angeles is funding the design and construction of this project

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that provides a service to the City of Los Angeles, who will own and operate the rubber dam. The LACFCD will maintain the rubber dam for a period of two years on behalf of the City under an agreement.

- **Initiated Marina del Rey parking lot Water Quality Improvement project. The project proposes to treat stormwater runoff from the parking lot 7 using water quality enhancement BMPs such as bioswales and bioretention. This project was proposed in the Marina del Rey bacteria and multi-pollutant TMDL implementation plans. Draft final design has been completed. The construction is planned to start in 2013.**
- **On March 15, 2012, the County of Los Angeles completed installation of 1505 Connector Pipe Screens (CPS) and 785 Automatic Retractable Screens (ARS) on catch basins for the unincorporated areas of Los Angeles County within the Los Angeles River Watershed. The CPS devices installed by this project are certified by the Regional Board as full capture devices and prevent trash greater than 5 mm in size from entering the catch basin.**
- **The County of Los Angeles installed 179 Connector Pipe Screens (CPS) and 160 Automatic Retractable Screens (ARS) on catch basins the Unincorporated Areas of Los Angeles County within the Machado Lake Watershed.**
- **Continued to implement the LID Manual released in January 2009 by the County of Los Angeles to incorporate sustainable practices that improve runoff water quality, recharge groundwater, and reduce hydromodification in support of the LID Ordinance adopted by the Board of Supervisors in November 2008. The LID manual describes sustainable practices that developers can design that will protect surface and groundwater quality, maintain the integrity of ecosystems, and preserve the physical integrity of receiving waters by managing stormwater runoff. This manual was developed to set design requirements for development and redevelopment. Developers must incorporate design features to match the predevelopment runoff volume of the site for several design storm options, including 85th percentile or 3/4" rainfall event. If the developed site yields a greater volume of runoff compared to the pre-developed site, the excess runoff must be infiltrated, captured and reused, treated and released or evapotranspired by using BMPs identified in the LID manual. The developers also must adhere to the design specifications and maintenance criteria for the BMPs that are listed in the LID manual and the BMP maintenance manual.**

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- **Please refer to Attachment IV-A [G] for a list of program highlights and accomplishments for PIPP.**

5. A description of water quality improvements or degradation in your watershed over the past fiscal year;

- **Refer to the Los Angeles County 2011-2012 Stormwater Monitoring Report published August 14, 2012, <http://ladpw.org/wmd/NPDES/2011-12tc.cfm>, for NPDES Municipal Permit required monitoring results.**

6. Interagency coordination between cities to improve the storm water management program;

- **Interagency coordination between the County, LACFCD, and the cities is facilitated through the EAC and WMC meetings. This has been effective in broadening communication between Permittees. Additionally, coordination of the PIPP is enhanced by quarterly meetings hosted by the LACFCD.**
- **Interagency coordination of the 1-888-CLEAN-LA environmental hotline afforded turnkey coordination of responses to illicit discharge complaints and directed calls such as illicit discharge complaints to a representative in the appropriate jurisdiction so corrective action can be taken.**

7. Future plans to improve your agency's storm water management program; and

The County looks forward to updating and improving the storm water management program as part of the process of implementing the next permit.

8. Suggestions to improve the effectiveness of your program or the County model programs.

See Attachment VI-A1 [G] for PIPP.

B. On a scale of 1 to 10 (10 being full implementation of requirements by their deadlines), rate your municipality's level of compliance with Order No. 01-182.

10- The County of Los Angeles has implemented all permit requirements.

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- C. List any suggestions your agency has for improving program reporting and assessment.

The County looks forward to discussing this issue with Regional Board staff and co-permittees as part of the process of implementing the next permit.

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VII. Certification Statement

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to 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 a fine and imprisonment for knowing violations.

Executed on the ____ day of _____, 20____,

at _____.

Printed Name _____ Title _____

(Signature) _____

Signature by duly authorized representative