

**NPDES No. CAS 004001 Los Angeles County Municipal Storm Water Permit Order No. 01-182  
City of Hermosa Beach Individual Annual Report (Form 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.

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**Reporting Year 2010 - 2011**

**I. Program Management**

A. Permittee Name: City of Hermosa Beach

B. Permittee Program Supervisor: Frank Senteno, P.E.

Title: **Interim Director of Public Works**

Address: **1315 Valley Drive**

City: **Hermosa Beach**

Zip Code: **90254-3885**

Phone: **(310) 318-0238**

Fax: **(310) 937-5015**

C. In the space below, briefly describe how the storm water program is coordinated within your agency's departments and divisions. Include a description of any problems with coordination between departments. To facilitate this, complete the Table 1.

**Hermosa Beach is a small city with a tightly-knit staff that works closely together yet provides the full service typical of a larger City. The Department of Public Works has the lead responsibility for coordinating implementation of the MS4 NPDES permit requirements within the City. While NPDES MS4 permit requirements touch virtually all aspects of city services, key departments involved in implementing these requirements are the Public Works and Community Development Departments.**

**TABLE 1 - Program Management**

<b>Storm Water Management Activity</b>	<b>Division/Department</b>	<b># of Individuals Responsible for Implementing</b>
1. Outreach & Education	<b>Public Works</b>	<b>2</b>
2. Industrial/Commercial Inspections	<b>Public Works</b>	<b>1</b>
3. Construction Permits/Inspections	<b>Building &amp; Safety</b>	<b>2</b>
4. IC/ID Inspections	<b>Code Enforcement</b>	<b>3</b>
5. Street sweeping	<b>Public Works</b>	<b>3</b>
6. Catch Basin Cleaning	<b>Public Works</b>	<b>2</b>
7. Spill Response	<b>Public Works, Fire/Police</b>	<b>3</b>
8. Development Planning (project/SUSMP review and approval)	<b>Planning</b>	<b>3</b>
9. Trash Collection	<b>Public Works</b>	<b>3</b>

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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.

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.

**Utility User tax (sewer fund)**

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.

- **Used Oil Recycling Block Grant—CA Integrated Waste Management Board**
- **Phase I Hermosa Strand Infiltration Trench funded by Clean Water State Revolving Fund as Expanded Use Project with Federal ARRA principle forgiveness.**
- **Pier Avenue Improvement funded by CWSRF as an expanded use project with Federal ARRA principal forgiveness**

TABLE 2

Program Element	Expenditures in Fiscal Year 2010-2011	Budget to implement Order 01-182 FY11-12
1. Program management		
a. Administrative costs	79,278	54,642
b. NPDES Permit fee	6,626	6,626
2. Public Information and Participation		
a. Public Outreach/Education	4,675	4,440
b. Employee Training	3,462	5,520
c. Business Assistance	1,162	2,070
3. Industrial/Commercial		
a. Consultant	299	1,380
b. Restaurant & Grease Trap Inspect.	22,750	25,000
4. Development Planning		
a. Special Projects		
b. SUSMP & priority project	6,000	6,000
5. Development Construction		
a. Construction inspections	21,000	21,000
6. Public Agency Activities		
a. Structural BMP maintenance-staff	34,000	34,000
b. Municipal street sweeping	200,000	205,150
c. Downtown cleaning	152,500	120,875
d. Catch basin cleaning	20,000	20,000
e. Capital Costs (Structural BMPs) Hermosa Strand Infiltration Trench	156,272	148,599
Pier Avenue Improvement	663,957	160,174
f. Consultant assistance	955	2,760
7. IC/ID Program		
a. Sewer line hydro flushing	115,350	115,350
b. Used oil recycling, HHW	5,400	10,800
c. Industrial & haz waste removal	3,500	3,500
d. Consultant assistance	1,357	920
8. Monitoring and TMDL Compliance		
a. Jurisdiction 5&6 Planning	5,077	6,210
b. SMBBB TMDL Implementation	702	1,380
c. CSMP Monitoring & Compliance	12,484	12,260
10. TOTAL	\$ 1,516,803	\$922,541

List any supplemental dedicated budgets for the above categories:

**Residential solid waste services contract is self-supporting and not reflected above. Used Oil Grants fund item 7d. Hermosa Strand Infiltration Trench Phase I funded by CWSRF/ARRA and Pier Avenue Improvement project funded by in part by CWSRF/ARRA.**

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

**Industrial/commercial inspections, street sweeping/steam cleaning, sewer line cleaning/hydroflushing, monitoring, consultant assistance with variety of program activities. monitoring of Hermosa Strand Infiltration Trench, monitoring and construction management of Pier Avenue Improvement, the City along with other SMBBB TMDL Jurisdictional Group 5 & 6 (J5&6) agencies is contracting jointly with consultants to carry out BMP Siting, Source ID and Programmatic Solutions and coordinated shoreline monitoring under the SMBBB TMDL.**

**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
- Other

**The City is not aware, nor has the City been notified this year, that discharges from its MS4 are causing or contributing to exceedances of water quality standards.**

**Following receipt of and response to a 2008 NOV and 13383 Order, the City prepared and submitted a Receiving Waters Limitation Compliance Report for Dry Weather at Coordinated Shoreline Monitoring location SMB 6-1 (Herondo Street extended) as an attachment to the NPDES MS4 Individual Annual Report for Fiscal Year 2007-2008. Following submittal of the Compliance Report, the City did not receive a request from the Regional Board to modify the Report in accordance with Part 2. 3. b) of the MS4 Permit. Absent any such request from the Regional Board, the City assumed that the measures described in the RWL Compliance Report were satisfactory to the Regional Board.<sup>1</sup>**

**The MS4 Permit requires the City to provide a RWL Compliance status report in alternating years following submittal of the first report. Accordingly, a RWL Compliance status report for Dry Weather at SMB 6-01 was submitted with the City's 2009-10 Individual Annual Report. Another status report for SMB 6-01 is not required until 2011-2012 reporting year. The City has not received a response from the RWQCB's staff on the RWL reports filed in 2007-2008 or 2009-2010.**

**During this reporting year, the RWQCB has removed the Santa Monica Bay Bacteria Dry Weather TMDL from the permit, and the RWQCB Executive Officer rescinded the NOVs issued to the City in 2008 and 2009, which originally triggered the need to file the report for SMB 6-01. With the TMDLs still incorporated into the Basin Plan but no active NOV on file, it is unclear whether the City must continue RWL reporting.**

**It is also unclear whether Receiving Waters Limitation Compliance provisions apply to waste load allocations for winter dry weather bacteria at Santa Monica Bay Beaches since the TMDL was to have been re-opened two years after the effective date of the TMDL to re-evaluate allowable winter dry weather exceedance days based on additional data on bacteria indicator densities in the wave wash. Additionally, it is not clear whether an RWL Compliance report is required for the**

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<sup>1</sup> In 2009, the RWQCB staff issued a second NOV for the same exceedances alleged in the 2008 NOV and Order, asking for additional information. The City timely filed a second response, which is on file at the RWQCB office.

Wet Weather TMDL, as full compliance is not yet required and the RWQCB has not reconsidered the waste load allocations for wet weather as specified in the TMDL. Nor has the RWQCB established methods for calculating the mandatory interim reductions, particularly considering the additional shoreline monitoring site within the Jurisdiction 5, leaving the City unable to determine whether it has met its waste load allocations.

Due to the legal complexity of the City's reporting obligations, the City is providing a compliance report attached for SMB 6-1. The abovementioned notices and the monitoring reports did not evidence, or conclusively prove that discharges from the City's MS4 cause or contribute to a violation of water quality standards. These notifications of water quality standards exceedances in the receiving waters have, however, prompted the City to evaluate its stormwater program and further investigate sources of potential pollutants and ways to treat and prevent stormwater runoff. As set forth in the City's responses to the 2008 and 2009 NOV, and in its 2007-2008 and 2009-2010 RWL reports, the City does not necessarily concede responsibility for the alleged exceedances at any of the monitoring locations and is providing this information as a good faith means of fully apprising the Regional Board of its activities and to comply with the provisions of the MS4 permit.

As discussed in the Assessment of Program Effectiveness attachment to the reporting year 2010-11 Annual Report, in response to Item 5 *A description of water quality improvements or degradation in your watershed over the past fiscal year*, the two open beach shoreline monitoring locations in Hermosa Beach, SMB 5-4 and SMB 5-5, have continued to exhibit high water quality during both summer dry weather and winter dry weather consistent with their historically high water quality and both sites continue to exhibit lower exceedance rates than the reference beach. Thus no receiving waters limitation compliance reports are necessary for those monitoring locations.

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

**The City continues to implement the Countywide Storm Water Quality Management Plan (SQMP). In addition to the Countywide SQMP the City of Hermosa Beach is also implementing additional activities as they are developed under the Jurisdictional Group 5 & 6 Implementation Plan for the Santa Monica Bay Beaches Bacteria TMDL.**

- 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.

**Restaurants are inspected annually and the City has implemented a grease control ordinance that required restaurants to retrofit their facilities with grease interceptors or grease traps.**

**City has an aggressive program for cleaning the downtown commercial areas including daily sweeping and frequent steam cleaning with full capture of steam cleaning wash water.**

**The City has installed and is maintaining catch basin inserts in 41 City- and County-owned catch basins.**

**The Phase I Hermosa Strand Infiltration Trench Project began operating in April 2010. The Hermosa Strand Infiltration Trench is a full-scale pilot project to demonstrate the effectiveness of subsurface infiltration on the beach of year-round dry weather and low-flow wet weather runoff as an alternative to low-flow diversions to the sanitary sewer. Over the course of twelve months of monitoring the system has diverted and filtered more than 1.6 million gallons of runoff. Monitoring has demonstrated that the system has successfully filtered out indicator bacteria to less than detection limits before the groundwater reaches the shoreline and the Bacteria TMDL compliance point, effectively removing 100% of the bacteria load from the diverted water. Construction and project monitoring was funded by \$950,850 in Federal American Recovery and Reinvestment Act (ARRA) funding from USEPA through the Clean Water State Revolving Fund (CWSRF).**

**The Pier Avenue Improvement Project (Project) is a streetscape improvement designed to capture and treat urban runoff and limited stormwater flows from the Pier Avenue commercial corridor. The Project was completed in the fall of 2010. Low flow runoff is intercepted via a series of grate inlets along the gutter located upstream of each of the traditional side-opening storm drain inlets. Primary filtration of low flows occurs via removable fabric filter socks designed to remove trash, gross solids, and sediment. Following filtration, low flows proceed to a subsurface infiltration system and percolate into underlying sandy soils, thus removing bacteria that would otherwise flow to the storm drain. Additional subsurface percolation is provided by a secondary infiltration drain and perforated pipe, which has been installed under the new landscaped bulb-outs and under the median along Pier Avenue. Flows exceeding the infiltration capacity of both the primary and secondary infiltration systems will bypass the grate inlets and discharge into the new storm drain collection system via standard side opening catch basin inlets. The project was funded by a grant from the State Water Resources Control Board plus Prop 42, Prop A, and Prop C funds. The Federal American Recovery and Reinvestment Act (ARRA) portion of the funding from the United States Environmental Protection Agency was provided through the Clean Water State Revolving Fund from the 20% of the funds set aside for green infrastructure, water and energy efficiency improvements and other environmentally innovative projects.**

E. Watershed Management Committees (WMCs)

1. Which WMC are you in? **Santa Monica Bay-Ballona Creek**
2. Who is your designated representative to the WMC? **City's consultant**
3. How many WMC meetings did you participate in last year? **4 (four regular quarterly meetings) plus monthly Jurisdictional Group meetings under the Santa Monica Bay Bacteria TMDL**
4. Describe specific improvements to your storm water management program as a result of WMC meetings.

**The Watershed Management Committee meetings provide an opportunity to share new initiatives, exchange information among cities, and City and the County of Los Angeles and to ask questions of Regional Board staff when they are in attendance. In addition to the WMC meetings, the City participates in monthly meetings of the Jurisdictional Groups 5 & 6 agencies to plan and coordinate Santa Monica Bay Beaches Bacteria TMDL implementation activities.**

5. Attach any comments or suggestions regarding your WMC.

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.

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.

G. Discharge Prohibitions

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

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

Potable water releases necessary to comply with Safe Drinking Water Act standards should be exempt from the MS4 discharge prohibitions that cause or contribute to exceedances of recreational bacteria standards. While these releases in themselves do not contain indicator bacteria, when discharged through the storm drain system they may result in dry weather discharges to Santa Monica Bay which could contribute to exceedances of the Bacteria TMDL. The City believes that as a matter of good public policy, potable water discharges to the storm drain that are necessary to maintain the quality of potable water supplies must take a higher priority for the protection of public health than recreational water standards. Thus discharges into the MS4 which cause a resulting discharge from the MS4 to Santa Monica Bay due to water agency releases that are in accordance with an NPDES Permit issued by the Regional Water Quality Control Board such as discharges from the West Basin Desalter Well blow off and well regeneration activities necessary to protect the quality of groundwater supplies, or other discharges necessary to maintain the water quality of a potable water system in accordance with the USEPA Safe Drinking Water Act should be exempt from the discharge prohibition to the Santa Monica Bay from the MS4.

**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.

**1. No Dumping Message**

a) How many storm drain inlets does your agency own? **48**

b) How many storm drain inlets were marked with a no dumping message in the last fiscal year? **16**

c) What is the total number of storm drain inlets that are legibly marked with a no dumping message? **48**

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.

**The City installed fourteen (14) new catch basins as part of the Pier Avenue Improvement Project (see discussion under Item III.D.) and those catch basins were newly marked during this reporting period.**

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? Completed previously

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

**The City has no open channels or creeks; however it does have coastal beaches which are posted with no dumping signs.**

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? 310-524-2750
- c) Is this information listed in the government pages of the telephone book? This is the non-emergency dispatch for the Police Department. Yes  No
- d) If no, is your agency coordinated with the countywide hotline? 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?

**None**

- g) Describe the process used to respond to hotline calls.

**The Public Works Department promptly responds to complaints that occur both during normal business hours and after hours. The complaints are forwarded to the Public Works Inspector or Maintenance Superintendent for investigation and appropriate response.**

- h) Have you provided the Principal Permittee with your current reporting contact information? 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](http://www.888CleanLA.com) web site (Principal Permittee only)? Yes  No
- If not, when is this scheduled to occur? N/A-principal Permittee

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)

**N/A—Principal Permittee, only**

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? **Four (4)**

**plus twelve (12) Jurisdictional Group 5 & 6 coordination meetings wherein targeted pollutant-specific outreach was developed**

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

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

**The meetings provided information regarding available materials for public dissemination and updates on the Countywide outreach programs. County staff provided materials for distribution at Coast Cleanup Day event. The City has also been meeting on a monthly basis with Jurisdictional Group 5 & 6 Agencies to develop and coordinate public outreach implementation activities with respect to the Santa Monica Bay Beaches Bacteria TMDL.**

List suggestions to increase the usefulness of quarterly meetings:

**We appreciate the webcasting of these meetings to reduce the time and energy cost of commuting to the meeting. Such a medium is a better use of limited staff time and consistent with city policies to reduce greenhouse gas emissions and consumption of fossil fuel associated with travel to meetings. The City supports the continued use of webcasts for these meetings.**

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

**N/A**

- 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? **792,905 as follows: [3500 subscribers to City's e-newsletter x 6 water-related notices=21,000] +the City's press releases and other general stormwater coverage generated numerous local news print articles and produced the following estimate of impressions: Beach Reporter has a circulation of 7,000 in Hermosa Beach and published six articles [7,000x6=42,000], Daily Breeze eleven articles [66,355x11=729,905]. Additional online media impressions have not been enumerated here.**
- d) Describe efforts your agency made to educate local schools on storm water pollution.

**The City co-sponsored an art contest for high school students along with the other beach cities. Flyers promoting the Hermosa Beach Pier Coastal Cleanup Event site were distributed to local schools. The City is supporting a parent implemented environmental program in the public elementary schools, "Grades of Green". Also, as part of the Jurisdictional Groups 5&6 joint implementation programs for Santa Monica Bay Beaches Bacteria TMDL, the new J5&6 website provides resource links for stormwater related curriculum and other hands on activities for teachers.**

- 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.

**N/A—Principal Permittee, only**

- 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—Principal Permittee, only**

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—Principal Permittee, only**

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

N/A—Principal Permittee, only

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

N/A—Principal Permittee, only

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...

**City has worked jointly with other south bay cities to develop and launch a new website focused on public outreach to address the Santa Monica Bay Beaches Bacteria TMDL. The website addresses three key target audiences: beach/pier goers, residents and businesses, see: [www.SouthBayStormwaterProgram.com](http://www.SouthBayStormwaterProgram.com) .**  
**The City distributes educational materials at the public counters for both residents and contractors. Commercial facilities are provided BMP posters and materials. The City supports the Coastal Cleanup Day event sponsored by Heal the Bay at the Hermosa Beach Pier location—through funding from its used oil and recycling programs. The City promotes local Ocean Friendly Gardening & Landscape Workshops. The City has formed a citizens Green Task Force to address environmental issues and make recommendations to the City Council.**

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—Principal Permittee, only

- 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.

- 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.

**The City of Hermosa Beach has implemented the Clean Bay Restaurant certification program in cooperation with the Santa Monica Bay Restoration Commission. During 2010-11, 69% of the restaurants achieved compliance with the inspection checklist thereby earning the Clean Bay Restaurant certificate.**

**The City also provides outreach to businesses on a variety of environmental programs through the South Bay Environmental Services Center, in collaboration with the South Bay Cities Council of Governments.**

6. Did you encourage local radio stations and newspapers to use public service announcements? Yes  No   
How many media outlets were contacted? **3**  
Which newspapers or radio stations ran them?

**Beach Reporter, Daily Breeze**

Who was the audience?

Residents of the South Santa Monica Bay Area

7. Did you supplement the County's media purchase by funding additional media buys? Yes  No   
Estimated dollar value/in-kind contribution: **\$ 4,500 in-kind**  
Type of media purchased: **print**  
Frequency of the buys: **9 local news articles**

Did another agency help with the purchase? 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.

**Banners are hung across Pacific Coast Highway, the main thoroughfare through the City, to advertise the Coastal Cleanup Day at Hermosa Pier and the Household Hazardous Waste Roundup. Similar notices are also posted on the sign board which is visible from Pacific Coast Highway at Pier Avenue.**

**Both of the City's CWSRF-ARRA funded storm water quality improvement projects were posted with signs acknowledging the source of funding. A public ground breaking and ribbon cutting were held for these projects with attendance by local, State and USEPA officials as well as the press who covered the events.**

**Restaurants who achieve the Clean Bay Restaurant certification post their certificates in public view in their establishments.**

**Environmental calendars are distributed through the City's Used Oil Recycling program funding.**

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

Describe the materials that were distributed:

**Bags on Board pet waste bag dispensers, pencils, etc., provided by LACDPW for the Coastal Cleanup Event volunteers at Hermosa Pier location. Local businesses provided donations of raffle prizes and coffee to volunteers at the Coast Cleanup Day Event. Heal the Bay provided t-shirts and hats to raffle.**

Who were the key partners? **Los Angeles County Dept. of Public Works, CA Integrated Waste Management Board, CA Dept. of Conservation**

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

**Residents, business community, general public, City staff**

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

How many events did you attend? **4 (HHW Roundup, Coastal Cleanup Day, Pier Avenue Improvement ribbon cutting, USEPA 40<sup>th</sup> Anniversary Celebration and 2010 Environmental Achievement Awards)**

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

If so, what is the address? [www.southbaystormwaterprogram.com](http://www.southbaystormwaterprogram.com)  
[www.hermosabch.org/residents/green/](http://www.hermosabch.org/residents/green/)  
[www.hermosabch.org/departments/publicworks/toxic.html](http://www.hermosabch.org/departments/publicworks/toxic.html)  
[www.hermosabch.org/departments/publicworks/recycle1.html#was](http://www.hermosabch.org/departments/publicworks/recycle1.html#was)

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

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.

**All restaurants in the City are in compliance with the new grease control ordinance. All restaurants were inspected under the Clean Bay Restaurant certification program and 69% were able to earn the certificate based on one round of inspections.**  
**The Jurisdictional Groups 5 & 6 agencies are jointly initiating a survey posted on the South Bay Stormwater Program website to evaluate the baseline knowledge of residents and target audiences as the foundation for the joint public outreach program.**

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

**The City is working together with sister cities and the Santa Monica Bay Restoration Commission to increase public awareness of the Santa Monica Bay TMDLs and to provide a consistent message among the agencies regarding how residents, businesses and beach goers can help prevent stormwater pollution.**

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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: **The list was updated by the inspector in the field.**

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 of inspections since permit adoption <i>Note: this is better expressed as total number of inspections, not facilities.</i>
<b>Restaurants</b>	<b>110</b>	<b>107*</b>	<b>&gt;600%</b>	<b>690 + 107=797</b>
<b>Automotive</b>	<b>35</b>	<b>0</b>	<b>237%</b>	<b>151</b>
<b>Laundries**</b>	<b>29</b>	<b>0**</b>	<b>100%</b>	<b>50</b>

**Comments/Explanation/Conclusion:**

**\*All restaurants open during normal hours were inspected during the reporting year as part of the Clean Bay Restaurant Certification program. Every year the initial number of restaurants fluctuates up and down due to the transitory nature of this business.**

**\*\*Laundries are Tier 2 facilities and were inspected during the first permit cycle. Many facilities were no longer in business during this cycle—an update of the database from business license information and checks to be sure address is in city reduced the number to 16 laundries actually doing business in the city. During the second cycle an exposure assessment was done of all 16 laundries and none were found to have outside business activity in exposure to stormwater.**

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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 of inspections during this permit found adequately implementing	Total Number of inspections during this permit required to implement or upgrade
Restaurants	<b>107</b>	<b>84</b>	<b>78%</b>	<b>23</b>	<b>NA*</b>	<b>NA*</b>	<b>NA*</b>	<b>NA*</b>	<b>538+84=622</b>	<b>172+23=195</b>
Auto Svc.	<b>0</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>36</b>	<b>12</b>	<b>33%</b>	<b>24</b>	<b>86</b>	<b>65</b>
Laundries**	<b>0</b>	<b>NA</b>	<b>NA</b>	<b>0</b>	<b>16</b>	<b>16</b>	<b>100%</b>	<b>0</b>	<b>48</b>	<b>2</b>

Comments/Explanation/Conclusion:

**\* The term “cycle” is no longer applicable for restaurant inspections in Hermosa Beach because they are being inspected annually now under the SMBBB TMDL Implementation.**

**\*\*Laundries are Tier 2 facilities and were inspected during the first permit cycle. During the second cycle an exposure assessment was done of all 16 laundries and none were found to have outside business activity in exposure to stormwater.**

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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)
Verbal warnings	<b>0</b>	<b>102</b>	<b>0</b>	<b>64</b>	<b>0</b>	<b>72</b>	<b>138</b>
NOV	<b>23</b>	<b>143+23=166</b>	<b>23</b>	<b>129+23=152</b>	<b>2**</b>	<b>88+2=90</b>	<b>157+2=159</b>
Citations	<b>1</b>	<b>3+1=4</b>	<b>1</b>	<b>3+1=4</b>	<b>1</b>	<b>2</b>	<b>4</b>

**For current reporting year:**

Facilities by category	Number of Verbal Warnings	Number of NOV's	Number of Citations	Other:
Restaurants	<b>0</b>	<b>19</b>	<b>2</b>	
Automotive	<b>0</b>	<b>24</b>	<b>0</b>	
Laundries	<b>0</b>	<b>0</b>	<b>0</b>	
Other	<b>0</b>	<b>0</b>		

**Comments/Explanation/Conclusion:**

Restaurants that were inspected under the Clean Bay Restaurant certification program received a copy of the inspection form with deficiencies noted where applicable and a representative of the restaurant was requested to sign the inspection form.

\*The meaning of "reporting cycle" is no longer clear since two cycles were required under permit and those are complete but because permit is expired City has initiated additional inspections as a sign of good faith in continuing to carry out the intent of the permit.

\*\*A significant number of the restaurants that have not yet been brought into compliance share one of two community trash enclosures in the Pier Plaza area and the violations are associated with poor maintenance of the enclosures, leaving lids open on the dumpsters, etc. The City is taking action to establish a porter service to manage the community trash enclosures which will correct the violations. Follow up and enforcement of remaining facilities not in compliance is underway via warning letters which will be escalated to citations if the facilities do not comply.

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 City has implemented an enhanced industrial/commercial inspection program for restaurants consisting of comprehensive inspections for compliance with the City's grease trap retrofit ordinance as well as the Clean Bay Restaurant certification program which is more rigorous than the NPDES permit requires. The same inspector is utilized for both inspections so the restaurants receive a single comprehensive inspection. This reporting year a stricter policy for compliance resulted in fewer restaurants certified over previous years, but a more meaning full program 69 % of the restaurants achieved the full Clean Bay Restaurant certification upon an initial inspection during the current reporting year.**

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

**Not Applicable--it is no longer a requirement to make quarterly submittals to the County as part of the annual report.**

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

- SD 10 Site Design—1
- SD 34—Outdoor Material Storage—1
- SD-36 Outdoor Areas—4
- SD-20 Pervious Pavements-1
- TC-10 Infiltration systems-6

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

**Not Applicable--There are no natural drainage systems/open channels in the City; however, projects within the Coastal Zone are subject to additional review by the California Coastal Commission.**

5. Has your agency amended codes and/or ordinances to give legal effect to the SUSMP changes required in the Permit? Yes  No
6. Describe the process your agency uses to include SUSMP design standards in new development and redevelopment project approvals.

**A detailed drainage and SUSMP is required for approval by the Public Works Department prior to the issuance of a building permit. This SUSMP and detailed drainage plan must demonstrate BMPs for post stormwater pollution control as well as for sediment control and erosion control during construction. The City has taken additional measures to address projects that do not necessarily meet the SUSMP threshold as follows:**

**The Zoning Code has been amended to facilitate stormwater controls in all zoning districts within the City. This amendment specifies that, where practicable, runoff from driveways and off-street parking areas shall drain into an adjacent pervious area on the property to maximize infiltration. The code also provides for installation of pervious concrete or similar material and drainage facilities for driveways and parking areas.**

**A new text amendment to the municipal code requires that runoff from outdoor dining areas in C-3 zoning shall drain to the sewer system and under no circumstances shall drain to the storm drain system. ( Outdoor dining areas are limited to 200 sq. ft. and not more than 13 seats)**

**In 2010 the City adopted low impact development requirements as a customized amendment to the California Green Building Code. These LID requirements apply to new development commercial and residential projects regardless of size (i.e., even projects not subject to SUSMP under the MS4 Permit are subject to these requirements) and include the following provisions:**

- Residential projects are required to utilize water permeable surfaces on at least 50% of exterior surface areas excluding the building footprint, must direct runoff from impermeable surfaces onto permeable areas, or must utilize a subsurface infiltration system to infiltrate the volume of runoff from impermeable surfaces produced by a 0.75 inch storm event.**
- Non-residential new development projects must demonstrate no net increase in rate and quantity of stormwater runoff over predevelopment conditions or for redevelopment projects must achieve at least a 25 percent decrease in runoff rate and quantity for the SUSMP design storm or a 25 percent decrease in site impermeability. In addition post construction treatment**

**control BMPs must mitigate the SUSMP design storm with an expressed preference for infiltration.**

7. How many of each of the following projects did your agency review and condition to meet SUSMP\* requirements last year?
- |    |  |   |
|----|--|---|
| a) | Residential*   | 7 |
| b) | Commercial   | 1 |
| c) | Industrial   | 0 |
| d) | Automotive Service Facilities  | 0 |
| e) | Retail Gasoline Outlets  | 0 |
| f) | Restaurants  | 1 |
| g) | Parking Lots   | 0 |
| h) | Projects located in or directly adjacent to or discharging directly to an environmentally sensitive area | 0 |
| i) | Total number of permits issued to priority projects  | 8 |

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

**\*In addition to standard requirements for SUSMP projects, the City is also strongly encouraging infiltration for smaller projects in accordance with new LID requirements in its Green Building ordinance adopted this year. So the seven residential projects listed above are not technically SUSMP projects but included infiltration BMPs under the green building ordinance** **100%**

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?

**This has been addressed in the SUSMP ordinance adopted in accordance with the legal authority requirements of the MS4 NPDES permit. Developers and contractors approaching the City for building permits are informed of this requirement in advance.**

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

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.

14. How many targeted staff were trained last year? 5
15. **How many targeted staff are trained annually?** 5-8 (depending on staffing)
16. What percentage of total staff are trained annually? On average 80%
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?
19. What is the status of completion of the technical manual for siting and design of BMPs for the development community?

**The County of Los Angeles, as Principal Permittee, has developed the technical manual for siting and design of BMPs. This document has been submitted to the Regional Board for comment and the Regional Board staff sent the document out for peer review—Permittees have not received the results of this review.**

D. Development Construction Program

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

**An Owner's Certification listing Minimum BMPs for All Construction Sites with signatures by Architect/Engineer of Record and Landowner are required for all building permits. Contractors are required to submit plans with appropriate construction BMPs identified. Standard notes incorporated into plans include provisions regarding Water Quality Requirements. Contractors are required to review the City's Storm Water Ordinance, guidelines for minimum construction BMPs and sign a statement acknowledging this and agreeing to comply with these rules and regulations. Projects disturbing one acre or more of soil must submit a Storm Water Pollution Prevention Plan (SWPPP) and obtain coverage under the statewide General Stormwater Permit for Construction Activities.**

**A building/grading site is inspected on average about 12 times and each time the inspector is on site, the condition of stormwater BMPs is noted by the inspector and, if necessary, corrections required.**

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? **Local SWPPPs are no longer utilized since sites one acre or greater are required to seek coverage under the Statewide General Construction Permit.**
- 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
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?

**Projects disturbing one acre or more of soil must submit a Storm Water Pollution Prevention Plan (SWPPP) and obtain coverage under the statewide General Stormwater Permit for Construction Activities. Evidence of this coverage must be demonstrated with an assigned WDID prior to building permit issuance.**

5. How many building/grading permits were issued to sites requiring Local SWPPPs last year? **0**
6. *How many building/grading permits were issued to sites requiring coverage under the General Construction Activities Storm Water Permit last year?* **0**
7. *How many building/grading permits were issued to construction site less than one acre in size last year?* **20**
8. *How many construction sites were inspected during the last wet season?* **29**
9. Complete the table below.

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<b>Type of Violation</b>	<b># of Violations</b>	<b>% of Total Inspections</b>	<b># of Follow-up Inspections</b>	<b># of Enforcement Actions</b>
Off-site discharge of sediment	4	15%	8	0
Off-site discharge of other pollutants	1	7%	4	1
No or inadequate SWPPP	0	0	0	0
Inadequate BMP/SWPPP implementation	12	33%	28	0

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

**For minor BMP corrections, a verbal warning is given to make the correction and a follow up inspection is made. For off-site discharge of pollutants or other serious violation, a written notice of violation and requirement to appear at a meeting at City Hall is issued. Any further infraction observed after further follow up inspection is subject to fine.**

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

**All grading permits are reviewed by the Building and Safety Division, and then are forwarded to the Public Works Department where they are further reviewed, logged and filed.**

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? 0
- c) How many did your agency respond to? 0
- d) Did your agency investigate all complaints received? Yes  No
- e) How many complaints were received? 0
- 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:

**City sewer lines are regularly cleaned and maintained. The sewer lines are monitored by routine inspections and video taping as needed. All sewage spills receive immediate response. The City has adopted a Grease Trap Ordinance to reduce the frequency of sewer blockages in the commercial district.**

**The City is implementing its responsibilities under the Statewide General Waste Discharge Requirements for Sanitary Sewer Systems (Order No. 2006-0003) for City-owned portions of the sewer system. The City has adopted a Sanitary Sewer Management Plan in accordance with Order No. 2006-0003.**

- 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:

**Standard Operating Procedures ensure that sanitary sewers are regularly monitored and repaired to prevent leakage. Areas of concern are monitored and video taped. Significant fiscal resources are dedicated annually to maintenance and rehabilitation of the City-owned sanitary sewer collection system.**

**The City has instituted a grease control ordinance requiring existing and new food service establishments which generate oil and grease to install grease traps or full-size grease interceptors. All commercial food service establishments (FSEs) in the City are now in compliance with the new ordinance and are inspected annually.**

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

There were no public construction projects over five acres.

- c) What is the total number of active public construction sites? **3**  
How many were 5 acres or greater in size? **0**

- 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

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

- (1) Good housekeeping practices
- (2) Material storage control
- (3) Vehicle leaks and spill control
- (4) Illicit discharge control

**Regular training of public works staff and effective supervision is employed to ensure that public works activities are conducted in a manner that minimizes pollutant discharges to stormwater. Maintenance contracts are closely supervised. Standard operating procedure for cleaning of downtown areas includes dry sweeping, followed by steam cleaning with capture of runoff and disposal in the sanitary sewer. A berm was constructed in the southwest area of the City Yard to eliminate any potential runoff.**

- 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?

**Municipal vehicles and equipment are either washed on a designated pervious area or at an off site commercial car wash equipped with appropriate pretreatment systems.**

- d) How many Permittee owned and/or operated vehicle/equipment wash areas are scheduled to be redeveloped to include the BMPs listed above? None

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   
Briefly describe this protocol:

**The City uses licensed contractors with employees properly trained and certified in the application of pesticides, fertilizers, and herbicides. The City has established a pesticide-free zone in the Hermosa Green Belt open space park (1.9 acres) such that weed control must be maintained by hand operation or methods other than use of herbicides such as chipping, mulching, etc.. Contractor is required to use integrated pest management, using the least toxic methods applied in accordance with label directions. Contractor must minimize the use of herbicides and utilize environmentally safe weed control for park and median areas.**

- 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?

**Pesticides and fertilizers are applied by a certified contractor and scheduled to avoid conflict with irrigation schedules. Scheduled applications are rescheduled if rain is forecast. Contractor must obtain the City's approval 48 hours prior to the use of any chemical. The landscape contract specifies that there is to be no application of pesticides or herbicides immediately before, during or after a rain event or when water is flowing off the proposed application area.**

- 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:

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%

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

**Standard BMPs are utilized to encourage the retention and planting of native vegetation and to reduce water, fertilizer and pesticide needs. The City has established a pesticide-free zone in Hermosa Green Belt.**

**75% of City parkland is irrigated with reclaimed water through a system of central controllers. The automatic control system will be connected to a weather station in the near future to allow further reductions in water use.**

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: 2  
 Priority B: 27  
 Priority C: 44

**The City considers the catch basins within the commercial areas of the City to be Priority A and B, however most of those catch basins are owned by the County and have been fitted with debris excluders and catch basin inserts which have significantly reduced the accumulation of trash in those catch basins. There are 35 County-owned catch basins fitted with debris screens and the City conducts extra cleanings of those catch basins if needed to supplement the regular cleaning by the County. The catch basins listed as Priority A, B, C here are those which are cleaned by the City regardless of ownership.**

**As part of the low impact development retrofit of Pier Avenue, a new section of storm drain along with fourteen (14) new catch basins were constructed and these will be added to the cleaning schedule in the coming year**

- 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.

**Although the City is not currently subject to a trash TMDL, the City has taken a number of measures to control the generation of trash, including:**

- **Instituted a series of increasingly stringent sustainability requirements for special events held within the City designed to limit the use of single-use containers and items of all kinds and to control litter**
- **35 debris screens have been installed on what were previously high priority catch basins within the City. The debris screens have reduce the amount of trash accumulating in the catch basins so that most have now been reassigned as Priority B or C catch basins.**

- e) How many times were all Priority A basins cleaned last year?

**Priority A catch basins are cleaned by County with additional cleaning by City as needed, City does not have records of cleanings by County of County-owned catch basins.**

**Not available**

- f) How many times were all Priority B basins cleaned last year?

**Two or three times**

- g) How many times were all Priority C basins cleaned last year?

**All were inspected and cleaned if at least 25% full**

- h) How much total waste was collected in tons from catch basin clean-outs last year?

**8.8 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.

**\*See attached record of City contracted catch basin cleaning. The City installed fourteen (14) new catch basins as part of the Pier Avenue Improvement Project (see discussion under Item III.D.) and those did not receive cleaning because they had not yet accumulated a significant amount of debris.**

**Note that the attached records do not include County cleanings of County-owned catch basins but does include City-cleanings of County-owned catch basins.**

**Waste collected from catch basin clean-outs has increased over quantities collected in previous years because the higher than normal rainfall increased the amount of sediment and debris carried into the catch basins. County has installed debris excluders on 35 inlets in high priority areas of the City which has reduced the accumulation of material in catch basins and also the frequency of catch basin cleaning needed, but those debris excluders are designed to open during larger storms to prevent flooding so in years with more intense rainfall events, additional trash is carried into catch basins while the screen is open.**

- 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?

**Five (5) new trash receptacles and five (5) receptacles for recyclables were installed on Pier Avenue at four transit stop locations as part of the Pier Avenue Improvement**

project. In addition nine (9) new trash receptacles and nine (9) new receptacles for recyclables were installed at various locations along Pier Avenue at non-transit stop locations.

All required trash receptacles were in place prior to the deadline. In addition, recycling bins for glass, plastic and aluminum beverage containers have been installed at more than one hundred (100) locations throughout the city including all bus stops and heavily utilized pedestrian areas and parks.

- 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? **100 %**
- 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—the City has no open channels** 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?

**City increased the frequency of sweeping of certain municipal parking lots and added six additional trash and recycling cans throughout the City.**

**The City adjusts the prioritization of catch basins for cleaning based on observed accumulation of material.**

**The City of Hermosa Beach has instituted a Green Matrix of requirements for special events in the City. The requirements are phased in over three years and are tiered based on the size of the event. The requirements include measures to:**

- **Reduce waste and single-use items**
- **Limit and reduce the size of handouts and flyers**
- **Control litter, contain wastes and prohibit hosing of surfaces**
- **Increase recycling and solid waste diversion rates**
- **Provide educational outreach to the public**

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—the City has no open channels**

Yes  No

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

**A crew trained in confined space entry removes all solid waste from each catch basin insert and the catch basin using a 700 Vactron truck, following all proper procedures. All the waste collected is properly disposed as a non-hazardous waste.**

s) Where is removed material disposed of?

**K-Pure Waterworks, Inc. central waste treatment facility.**

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?

Yes  No

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

Yes  No

- (3) Priority C – streets and/or street segments that are designated as generating low volumes of trash and/or litter? 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? Yes  No
- (2) Priority B - Each Permittee shall ensure that each streets and/or street segments is cleaned at least once per month? 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? Yes  No
- 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. Yes  No

b) Were any Permittee-owned parking lots cleaned less than once a month? Yes  No   
How many?

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? **N/A—City has no public industrial activity**  
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

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.).
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.

**No direct connections to the storm drain are allowed, however the City's storm drain base map has been provided as an attachment. The City provides GIS mapping information of illicit discharges and connections in the format required by the Principal Permittee for the annual trend analysis.**

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

**During routine site inspection an attempt to identify illicit connections and discharges. Routine surveillance is conducted in selected areas during wet and dry weather conditions to identify potential violations. Upon identification of an illicit connection or discharge, a verbal warning (for minor corrections) or written Notice of Violation (for major violations) is issued. The responsible party must terminate illicit discharges immediately, and 30 days is given for correcting illicit connections.**

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

**Illicit connections and discharges are recorded and kept on file in the Department of Public Works. In the event of an illicit activity, inspectors generate a report.**

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- 5. What is the total length of open channel that your agency owns and operates? **0**
- 6. What length was screened last year for illicit connections? **0**
- 7. What is the total length of closed storm drain that your agency owns and operates? **1.5 miles**
- 8. What length was screened last year for illicit connections? **0**
- 9. Describe the method used to screen your storm drains.

The City screened the storm drain system by CCTV some years ago as a baseline and the City does not permit connections to the storm drain system. Priority areas are under frequent observation by field maintenance crews for illicit activities. Routine surveillance is conducted in selected areas during wet and dry weather conditions to identify potential violations. To date no illicit connections have been found.

- 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	0						
02/03	0						
03/04	0						
04/05	0						
05/06	0						
06/07	0						
07/08	0						
08/09	0						
09/10	0						
10/11	0						

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

**No other actions with respect to illicit connections occurred during the reporting year.**

12. What is the average time it takes your agency to initiate an illicit connection investigation after it is reported? Within 24 hours

a) Were all identified connections terminated within 180 days? Yes  No

b) If not, explain why.

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

Year	Total # reported	Total # that were discontinued/ or 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	6	6	0	6	0	0	0
02/03	3	3	0	3	0	0	3
03/04	3	3	0	3	0	0	2
04/05	18	18	0	0	0	0	0
05/06	9	9	0	0	0	0	0
06/07	15	15	0	0	0	0	6
07/08	10	10	0	8	0	0	0
08/09	31	14	0	9	7	0	1
09/10	19	19	0	0	6	0	2
<b>10/11</b>	<b>23</b>	<b>22</b>	<b>2</b>	<b>6</b>	<b>11</b>	<b>0</b>	<b>1</b>

14. What is the average response time after an illicit discharge is reported?

**Less than 24 hours, and depending on the nature of the event, the response may be less than one hour.**

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

b) If yes, explain why.

15. Describe the your agency's spill response procedures.

**Upon report or identification of a spill, an inspector and a field crew is dispatched to investigate. The inspector: identifies the nature of the spill, takes any action necessary to protect the public from imminent danger, notifies appropriate emergency response agencies (e.g., Haz Mat in the case of a hazardous spill, County Health Department and Sanitation Districts for sewer spills), and takes initial action to contain the spill while protecting public health and the field personnel from harm. Further procedures are described in the City's Illicit Connection/Illicit Discharge elimination Program.**

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

**The Department of Public Works is implementing its Sanitary Sewer System Management Plan for operation and maintenance of its sanitary sewer collection system in accordance with the requirements of the Statewide General Waste Discharge Requirements for Sanitary Sewer Systems (SWRCB Order No. 2006-003).**

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

**The City does not permit connections to the storm drain system.**

**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.

**The City is participating in the Coordinated Shoreline Monitoring Plan under the Santa Monica Bay Beaches Bacteria TMDL. The City is a member of Jurisdictional Groups 5 & 6 and is contributing its share of monitoring costs.**

**The City completed post-construction monitoring of the Hermosa Strand Infiltration Trench project in June 2011 and a final report will be issued during the next reporting year to document its effectiveness in reducing dry weather loading of bacteria and other pollutants to the Santa Monica Bay.**

**The City is conducting post-construction monitoring of the Pier Avenue Improvement Project to document its effectiveness in reducing dry weather loading of bacteria and other pollutants to the Santa Monica Bay.**

**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;
  2. Descriptions of any evaluation methods that your agency uses to determine the effectiveness of your storm water management program;
  3. A summary of the strengths and weaknesses of your agency's storm water management program;
  4. A list of specific program highlights and accomplishments;
  5. A description of water quality improvements or degradation in your watershed over the past fiscal year;
  6. Interagency coordination between cities to improve the storm water management program;
  7. Future plans to improve your agency's storm water management program; and
  8. Suggestions to improve the effectiveness of your program or the County model programs.

**[See Attachment]**

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- 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**

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

**The tables for reporting information from the industrial/commercial inspection program are difficult to complete in a manner that is coherent to the reader because of the changes from year to year in the number of facilities in each category. We suggest eliminating the “reporting cycles” and instead request data by reporting year and cumulative under the permit.**