

ANNUAL REPORTING FORMS

SANTA ANA REGION NPDES MUNICIPAL STORMWATER PERMIT (NPDES No. CAS618033)

FOR

FISCAL YEAR 2006-2007

1. Program Implementation and Evaluation
2. Fiscal Analysis
3. Legal Authority
4. Illegal Connection / Illicit Discharge Control
5. New Development - WQMP
6. Construction Activities
7. Industrial/Commercial Facilities
8. Public Education and Outreach
9. Municipal Facilities Programs and Activities

**BOARD ORDER NO. R8-2002-0011
CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
SANTA ANA REGION**

PROGRAM IMPLEMENTATION AND EVALUATION

2007 Annual Progress Report

Santa Ana Region NPDES Municipal Stormwater Permit

Contact Person: **Kent Wegelin**
Prepared By: **Phuong Hunter**

Telephone: **951-413-3497**
Date: **08-30-07**

Provision No. IV.B of the Santa Ana Region NPDES Municipal Stormwater Permit, Board Order No. R8-2002-0011 (Permit) requires the Permittees to evaluate their Urban Runoff Management Programs and the Implementation Agreement and determine the need, if any, for revision.

Provision No. IV.B. 1 of the Monitoring and Reporting Program requires a review of the status of program implementation and compliance (or non-compliance) with the schedules contained in the Permit.

1. Please provide a summary of the findings of your review and any needed revisions.

Pursuant to Section IV.B.1, Monitoring and Reporting Program, the City of Moreno Valley has reviewed the program implementation schedules contained in this order. Below is a summary based upon the schedules contained within the Permit:

- a) Regularly participates in the quarterly Management Steering Committee.
- b) Regularly participates in the monthly NPDES TAC.
- c) Maintains adequate legal authority to comply with this order.
- d) Investigates spills, leaks, and/or illegal discharges.
- e) Reviewed its current litter/trash control ordinance for compliance with this order.
- f) Maintains a control mechanism to address septic system failures and ensures repair of the system prior to allowing re-occupancy of the affected property.
- g) Conditions new development projects to seek coverage under the appropriate State stormwater permits.
- h) Reviewed its planning and CEQA process for order compliance.
- i) Is in the process of updating its General Plan and ensuring watershed protection principles and policies remain in the document.
- j) Reviewed its grading and erosion control ordinance to ensure compliance with this order.
- k) Maintains a listing of BMPs for construction projects.
- l) Implements WQMP for all new development and significant redevelopment projects as defined in this order.
- m) Maintains a comprehensive database and performs inspections of construction sites, industrial and commercial facilities in compliance with this order.
- n) Provides or requires training to affected staff and consultants for construction site and industrial and commercial inspections.
- o) Maintains a public information booth for the storm water management program at its annual Fourth of July Celebration. Moreno Valley also participates, as a Co-Permittee in various public education events sponsored by Riverside County Flood Control District.
- p) Prepared Urban Runoff Pollution Prevention Plans for its Municipal Facilities.

Attach additional information and/or supporting documents on separate sheet(s) as necessary.

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- q) Incorporated appropriate storm water language into municipal contract documents and enforces the language.**
- r) Continues to clean its MS4 per its clean out schedule and evaluates the same to determine needs for revision.**
- s) Provides and or requires training for fertilizer and pesticide management for affected staff and contractors.**
- t) Complies with the requirements of municipal construction projects that result in disturbance of land one acre or greater.**

FISCAL ANALYSIS
2007 Annual Progress Report
Santa Ana Region NPDES Municipal Stormwater Permit

Contact Person: **Kent Wegelin**
 Prepared By: **Phuong Hunter**

Telephone: **951-413-3497**
 Date: **08-30-07**

Provision No. XV.B of the Permit and Provision IV.B.5 of the Monitoring and Reporting Program require the Permittees to prepare and submit a unified fiscal analysis with each Annual Report.

1. Please provide a summary of your agency's:
 - A. expenditures for the previous fiscal year
 - B. budget for the current fiscal year
 - C. description of the source of funds

The table below is a suggested format for the fiscal summary.

Fiscal Analysis Summary

Program Element	Funding Source	Fiscal Year 2006-2007 Expenditures	Fiscal Year 2007-2008 Budget
Program Management and Reporting (522)	General Fund, County Service Area (CSA) 152, NPDES Rate Schedule	\$ 402,224	\$ 520,683
Annual Fee for MS4 NPDES Permit (522)	SAA	\$ 18,516	\$ 18,875
Implementation Agreement Shared Cost (522)	SAA	\$ 13,850	\$ 20,120
Elimination of Illicit Connections & Illegal Discharges (522)	SAA	\$ 6,236	\$ 6,854
Municipal Facilities and Activities (526/528)	SAA	\$ 811,036	\$ 622,237
Development Planning* (Plan Checking, etc.) (525)	Plan Check Fees	\$ 62,000	\$ 124,000
Private Development Construction (Inspections) (524)	Inspection Fees	\$ 63,225	\$ 79,372
Industrial and Commercial Sources (Inspections) (524)	Inspection Fees	\$ 21,075	\$ 17,908
Public Education & Outreach (522 – CSA 152 legal mailing)	General Fund, County Service Area (CSA) 152, NPDES Rate Schedule	\$ 1,060	\$ 21,200
Other-- Utilities & Maintenance for New Development Treatment Control BMPs (522)	NPDES Rate Schedule	\$ 0	\$ 40,200
Total		\$ 1,399,222	\$ 1,471,449

* Development Planning is part of Program Management and Reporting

Attach additional information and/or supporting documents on separate sheet(s) as necessary.

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Provision No. I.B.1.a and V of the Permit requires each Permittee to maintain adequate legal authority as required by the NPDES Municipal Stormwater Permit program [40 CFR Part 122.26(d)(2)(i)(A-F)].

- (i). *Adequate legal authority. A demonstration that the applicant can operate pursuant to legal authority established by statute, ordinance or series of contracts which authorizes or enables the applicant at a minimum to:*
 - (A) *Control, through ordinance, permit, contract, order or similar means, the contribution of pollutants to the municipal storm sewer by storm water discharges associated with industrial activity and the quality of storm water discharged from sites of industrial activity;*
 - (B) *Prohibit through ordinance, order or similar means, illicit discharges to the municipal separate storm sewer;*
 - (C) *Control through ordinance, order or similar means the discharge to a municipal separate storm sewer of spills, dumping or disposal of materials other than storm water;*
 - (D) *Control through interagency agreements among co-applicants the contribution of pollutants from one portion of the municipals system to another portion of the municipal system;*
 - (E) *Require compliance with conditions in ordinances, permits, contracts or orders; and*
 - (F) *Carry out all inspection, surveillance and monitoring procedures necessary to determine compliance and noncompliance with permit conditions including the prohibition on illicit discharges to the municipal separate storm sewer.*

1. Have your stormwater ordinances, or other legal authorities for implementing the NPDES Permit changed during the reporting period? Yes No

If so, please provide a summary of the changes.

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Provision No. V.F requires the Permittees to annually provide a report containing a review of their Storm Water Ordinances and their ordinance enforcement practices to assess their effectiveness in prohibiting non-exempt, non-storm water discharges to the MS4s.

V.F Does your agency's Stormwater Ordinance prohibit:

1. Sewage where co-permittee operates a POTW and associated sewage collection system?
Yes No
2. Wash water resulting from hosing or cleaning of gas stations and other types of automobile service stations?
Yes No
3. Discharges resulting from the cleaning, repair, or maintenance of equipment, machinery or facilities, including motor vehicles, concrete mixing equipment, portable toilet servicing, etc?
Yes No
4. Wash water from mobile auto detailing and washing, steam and pressure cleaning, carpet cleaning, etc?
Yes No
5. Water from cleaning of municipal, industrial, and commercial areas including parking lots, streets, sidewalks, driveways, patios, plazas, work yards and outdoor eating or drinking areas, containing chemicals or detergents and without prior sweeping, etc?
Yes No
6. Runoff from material storage areas or uncovered receptacles that contain chemicals, fuels, grease, oil or other hazardous materials?
Yes No
7. Discharges of runoff from the washing of toxic materials from paved or unpaved areas?
Yes No
8. Discharges from pool or fountain water containing chlorine, biocides, or other chemicals; pool filter backwash containing debris and chlorine?
Yes No
9. Pet waste, yard waste, debris, sediment, etc?
Yes No
10. Restaurant or food processing facility wastes such as grease, floor mat and trash bin wash water, food waste?
Yes No
11. If any of the above points have not been met, please describe what actions are being taken to satisfy these requirements.

No. 1 above is not applicable to Moreno Valley, as Moreno Valley does not own/operate a POTW.

(continued on next page)

Attach additional information and/or supporting documents on separate sheet(s) as necessary.

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12. Please summarize the effectiveness evaluation of your ordinance, ordinance enforcement practices with regard to prohibiting non-exempt, non-stormwater discharges to the MS4.

The Ordinance has overall, been effective in prohibiting non-exempt, non-stormwater discharges to the MS4. The City also has an aggressive commercial, industrial, restaurant and construction inspection program to ensure that the illegal/illicit discharges do not occur. Should enforcement actions be necessary due to any illegal/illicit discharges to its MS4, the Ordinance allows for the City to take enforcement actions to ensure compliance.

ILLEGAL CONNECTION / ILLICIT DISCHARGE CONTROL

2007 Annual Progress Report

Santa Ana Region NPDES Municipal Stormwater Permit

Contact Person: **Kent Wegelin**
Prepared By: **Phuong Hunter**

Telephone: **951-413-3497**
Date: **08-30-07**

Provision Nos. VI.A and VI.B of the Permit requires each Permittee to continue to prohibit illicit connections and illegal discharges to the MS4s, to continue to implement and improve routine inspection and monitoring and reporting programs for their MS4s, to investigate and eliminate or permit illicit connections or illegal discharges, and to immediately, upon becoming aware of the circumstances, investigate all spills, leaks, and/or illegal discharges to the MS4s.

1. Estimate the amount of pipe and/or open channel facilities currently owned, operated or maintained by your agency:

Pipe **~100,000** L.F. Channel **~950** L.F.

2. Describe your agency's current program/plans for detecting illegal connections to the MS4.

The City of Moreno Valley receives daily reports from Underground Service Alert (USA). Staff reviews the reports to determine if any proposed excavations will affect city storm drains or channels. Staff then compares the USA reports to approved encroachment permits. If a permit was not authorized, a Stop Work Order is issued.

3. Describe your agency's current program/plans for enforcing the elimination of illegal connections to the MS4.

Pursuant to the most recent inspections of the City, no illegal connections were found. The City utilizes the above described detection program (see response to #2) to monitor proposed connections to the City's MS4.

4. Over the past year, has your agency's overall level of effort substantially increased, decreased, or stayed the same? Increased Decreased No Change

5. Describe your agency's program for enforcing regulations regarding illicit discharges and improper disposal of pollutants into storm drains/channels.

The City of Moreno Valley enforces Ordinance Nos. 359 and 665 through its Code & Neighborhood Services Division and Storm Water Management Program section. Through the enforcement actions, suspects are notified of the violation(s) and ordered to cease and desist all illegal activities. If illegal activities continue, judicial remedies are sought.

6. Over the past year, has your agency's overall level of effort substantially increased, decreased, or stayed the same? Increased Decreased No Change

ILLEGAL CONNECTION / ILLICIT DISCHARGE CONTROL

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7. Did your agency conduct any reconnaissance inspections of its stormwater facilities for the 2006-2007 fiscal year? Yes No

If yes, please identify the amount of pipe or channel inspected:

Pipe _____ L.F. Channel _____ L.F.

8. What percentage of your agency's stormwater facilities have been inspected?
Amount of pipe: **100%** Amount of channel: **100%**

9. What method of inspection was used?
Visual Smoke testing Dye testing Video

Other (describe): _____

10. To date, how many illicit connections have been found? **0**
Number into pipes: **0** Number into channels: **0**

11. Has your agency designated an employee or department to receive, log, and follow up on reports of illegal dumping or suspicious discharges? Yes No

If yes, please identify the principal point(s) of contact:

Department: <u>Community Development</u>	Department: _____
Section: <u>Code & Neighborhood Service</u>	Section: _____
Name: <u>Officer of the Day</u>	Name: _____
Telephone: <u>951-413-3341</u>	Telephone: _____

If no, please describe your current plans (including a time schedule) for responding to reports of illegal dumping or suspicious discharges.

12. Does your agency maintain an incident log, database, or other records of illegal dumping/illicit discharge reports? Yes No

If yes, please attach a sample listing of the incident log or database report.

See Attached Document

13. Please identify the location where these records are kept.

Department: <u>Community Development</u>
Name: <u>Officer of the Day</u>
Telephone: <u>951.413.3341</u>

Attach additional information and/or supporting documents on separate sheet(s) as necessary.

ILLEGAL CONNECTION / ILLICIT DISCHARGE CONTROL

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VI.C Has your agency implemented control measures to reduce and/or to eliminate the discharge of pollutants, including trash and debris, from MS4s to the Receiving Water? Yes No

If yes, please describe the measures implemented.

Bi-weekly street sweeping, annual catch basin cleaning, public education, construction site inspections, commercial/industrial site inspections, HHW events and neighborhood clean-up days.

NEW DEVELOPMENT – WATER QUALITY MANAGEMENT PLAN

2007 Annual Progress Report

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The Co-Permittees may have several departments involved in implementing and/or administering WQMP requirements. The WQMP section 2.3, Table 1 identifies the departments with WQMP implementation responsibility for each Co-Permittee. Since the assignment of these responsibilities may change, the Co-Permittees will update this table in each Annual Report.

1. The departments responsible for development review and conditions of approval were identified in the WQMP approved on September 17, 2005 and are shown in Table 1 below. Have the responsible departments changed during the reporting period? Yes No

If yes, please annotate Table 1 below with the updated responsible department.

Table 1. Co-Permittee Departments Responsible for Conditions of Approval and Project-Specific WQMP Review (from WQMP approved 9-17-2005)

Co-Permittee	Primary Responsibility	Secondary Responsibility
County of Riverside	Planning Department with assistance of Riverside County Flood Control & Water Conservation District	Transportation and Land Management Agency – Building and Safety Department
Beaumont	Public Works	Planning
Calimesa	Planning Department	Public Works Department
Canyon Lake	Building and Safety	Code Enforcement
Corona	Public Works Department – Land Development Section	Public Works Department – Special Projects Section (NPDES)
Hemet	Public Works Department – Development Engineering	Public Works Department
Lake Elsinore	Engineering Division	Community Services
Moreno Valley	Public Works Department – Land Development Division	Public Works Department – Land Development Division
Murrieta	Engineering Department	Planning Department
Norco	Engineering/Public Works Department	Planning Department
Perris	Public Works	City Engineering
Riverside	Public Works Department	Planning Department
San Jacinto	City Engineer/Public Works Inspections	Building Division/Building Inspections
Temecula	Public Works	Public Works

Attach additional information and/or supporting documents on separate sheet(s) as necessary.

CONSTRUCTION ACTIVITIES

*2007 Annual Progress Report
Santa Ana Region NPDES Municipal Stormwater Permit*

Contact Person: Kent Wegelin Telephone: 951-413-3497
Prepared By: Phuong Hunter Date: 08-30-07

Provision No. IX.A of the Permit requires each permittee to develop an inventory of active construction sites and maintain the inventory in a computer database system.

1. Has your agency developed and maintained an electronic database of active construction sites as specified in Section **IX.A.1** of the Permit? Yes No
If yes, attach a completed summary Construction Site Inspection form as specified in Section **IX.A.1 & 10**.

2. Has your agency inspected and prioritized all inventoried construction sites as specified in Section **IX.A.2 & 3** of the Permit? Yes No

Provision Nos. IX.A.5 & 6 of the Permit requires each Permittee to provide training to staff involved in inspecting construction sites.

1. Has your agency provided training to staff involved in conducting inspections at construction sites in the following areas:
 - a. Stormwater ordinance, resolutions and codes Yes No
 - b. The Order and the DAMP Yes No
 - c. The Construction Activity Permits Yes No
 - d. Enforcement and compliance procedures Yes No
 - e. Stormwater pollution prevention plans Yes No
 - f. Selection and maintenance of appropriate BMPs for construction sites, including erosion and sediment control Yes No

If yes, please identify the training session information. Attach additional sheets if necessary.

Date	Location	Sponsor	No. of Participants	Department
10/16/07	RCFC&WCD	RCFC&WCD	9	Public Works
10/17/06	Palm Springs	RCFC&WCD	2	Public Works
10/18/06	Murrieta	RCFC&WCD	2	Public Works
04/24/07	Coachella Valley Water District	RCFC&WCD	1	Public Works
05/03/07	RCFC&WCD	RCFC&WCD	1	Public Works

(continued on next page)

2.A. Have staff members in the public works, engineering, building, or planning departments attended any training classes on construction site BMPs? Yes No

If yes, please identify the training session information. Attach additional sheets if necessary.

Date	Location	Sponsor	No. of Participants	Department
10/16/07	RCFC&WCD	RCFC&WCD	9	Public Works
10/17/06	Palm Springs	RCFC&WCD	2	Public Works
10/18/06	Murrieta	RCFC&WCD	2	Public Works
04/24/07	Coachella Valley Water District	RCFC&WCD	1	Public Works
05/03/07	RCFC&WCD	RCFC&WCD	1	Public Works

2.B. What did the training emphasize (IX.A.5)?

BMP selection
 Material management practices
 Water quality impacts
 The Order, WQMP and the DAMP

BMP Installation
 BMP maintenance
 Construction Activity Permits
 Enforcement and Compliance
 Procedures

Other (describe) _____

3. If any of the above points have not been met, please describe what action is currently being taken to satisfy the requirement(s). Also, please provide an estimate of completion for any outstanding tasks.

Attach additional information and/or supporting documents on separate sheet(s) as necessary.

INDUSTRIAL/COMMERCIAL ACTIVITIES

*2007 Annual Progress Report
Santa Ana NPDES Municipal Stormwater Permit*

Contact Person: **Kent Wegelin**
Prepared By: **Phuong Hunter**

Telephone: **951-413-3497**
Date: **08-30-07**

Provision Nos. IX.B & C of the Permit requires each Permittee to develop and update an industrial and commercial facilities database, including facility information, priority, and inspection information.

1. Attach the database with a summary of the number of industrial and commercial facilities compliance surveys/inspections and the actions taken as specified in Section **IX.B. 9 & C. 9.**
2. Has your agency prioritized and inspected all inventoried industrial and commercial facilities as specified in Section **IX.B.2 & 3 and C.4 & 5?** Yes No
3. As specified in Section **IX.B.4**, do your agency's industrial facility compliance surveys and inspections address the following?
 - a. Check for submittal of NOI to comply with the General Industrial Permit? Yes No
 - b. Confirm compliance with your agency's Storm Water Ordinance? Yes No
 - c. Check for active non-storm water discharges, potential illicit connections, and illegal discharges to the MS4? Yes No
 - d. Potential for discharge of pollutants in Urban Runoff from material storage areas, vehicle or equipment fueling or maintenance, waste handling, hazardous materials handling or storage, delivery areas or loading docks, or other hazardous outdoor work areas? Yes No
 - e. Implementation and maintenance of appropriate BMPs for industrial facilities? Yes No

Provision Nos. IX.B.10-12 & IX.C.13-15 of the Permit require each Permittee to provide training to staff involved in conducting industrial facilities compliance surveys/inspections.

1. Has your agency provided training to staff, involved in conducting inspections at industrial facilities, that addresses the following areas:
 - a. Storm Water Ordinance Yes No
 - b. This Order and the DAMP Yes No
 - c. The General Industrial Activities Storm Water Permit and any other Permit issued to industrial facilities within the Permit area Yes No

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INDUSTRIAL/COMMERCIAL ACTIVITIES

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- d. Enforcement and compliance procedures Yes No
- e. Pollution Prevention Plans Yes No
- f. Implementation of appropriate BMPs for industrial facilities Yes No

If yes, please identify the training session information and documentation of notification of the Regional Board of such training. Attach additional sheets if necessary.

Date	Location	Sponsor	No. of Participants	Department
04/18/07	RCFC&WCD	RCFC&WCD	1	Public Works

- 2.A. Have staff members in the public works, engineering, building, or planning departments attended any training classes on industrial facility BMPs? Yes No

If yes, please identify the training session information. Attach additional sheets if necessary.

Date	Location	Sponsor	No. of Participants	Department
04/18/07	RCFC&WCD	RCFC&WCD	1	Public Works

3. What did the training emphasize?

- BMP selection
- Material management practices
- Water quality impacts
- Installation
- BMP maintenance
- Other (describe) _____

4. If any of the above points have not been met, please describe what action is currently being taken to satisfy the requirement(s). Also, please provide an estimate of completion for any outstanding tasks.

Attach additional information and/or supporting documents on separate sheet(s) as necessary.

PUBLIC EDUCATION AND OUTREACH

*2007 Annual Progress Report
Santa Ana NPDES Municipal Stormwater Permit*

Contact Person: **Kent Wegelin** Telephone: **951-413-3497**
Prepared By: **Phuong Hunter** Date: **08-30-07**

Provision No. X.A of the Permit requires each Permittee to solicit and consider comments received from the public and submit copies of the comments to the Executive Officer. This information was initially required in the 2003 Annual Report and is to be evaluated and reported annually.

1. Please provide copies of comments received from any public participation process used to develop and/or modify the Urban Runoff management program.

Moreno Valley did not receive comments during this reporting period.

MUNICIPAL FACILITIES PROGRAMS AND ACTIVITIES

2007 Annual Progress Report
Santa Ana NPDES Municipal Stormwater Permit

Contact Person: Kent Wegelin Telephone: 951-413-3497
Prepared By: Phuong Hunter Date: 08-30-07

Provision No. XI.D of the Permit requires each Permittee to evaluate their established *criteria for inspections* of the MS4s and establish *criteria for regular maintenance* thereof. The MS4 includes catch basins, open channels, and retention/detention basins. This information was initially required in the 2003 Annual Report and is to be evaluated and reported annually. In addition, Provision No. XI. C of the Permit requires each Permittee, by August 1 of each year, shall review their municipal activities and facilities to determine the need for revisions.

1. Describe your agency's *criteria for regular inspections* of the elements of your MS4 facilities considering the following factors as applicable:
 - Time of year
 - Type of facility (storm drain inlet, open channel, retention/detention basins)
 - Tributary watershed/land use considerations
 - Proximity to Receiving Water
 - Receiving Water beneficial uses and impairments of beneficial uses, historical pollutant types and loads from past inspections/cleanings
 - Regulatory restrictions (TMDL)
 - Cost/benefit

Regular inspections of the MS4 system occur on almost a daily basis as the City maintenance crews implement the MS4 maintenance program. Catch basins and inlets are inspected on a year-round basis. Open channels are inspected each fall in preparation for the storm season. Due to the frequency of the MS4 inspection program, criteria such a tributary watershed/land use types, distance to Receiving Waters, i.e., Canyon Lake (approx. 16 miles downstream) and beneficial uses of the Receiving Waters were not considered factors for the inspection program. Cost/benefit is considered a factor with the street sweeping and storm drain maintenance programs and is described in more details in No. 2 below. Currently, the City does not maintain or operate any retention/detention facilities.

2. Describe your agency's *criteria for regular maintenance* of your MS4 facilities considering the following factors as applicable.
 - Time of year (pre-storm season, post storm season)
 - Type of facility (storm drain inlet, open channel, retention/detention basins)
 - Type of material accumulated in facility (hazardous, sanitary waste, litter, sediment, vegetation)
 - Type of structural restoration needed
 - Tributary watershed/land use considerations (urban/non-urban, industrial, commercial, residential)
 - Proximity to Receiving Water
 - Receiving Water beneficial uses and impairments of beneficial uses
 - Historical pollutant types and loads from past inspections/cleanings
 - Regulatory restrictions (TMDL)

MUNICIPAL FACILITIES PROGRAMS AND ACTIVITIES

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- Cost/benefit

Our agency's street sweeping crew works year-round to sweep one hundred (100%) of the City's maintained streets with curb and gutter on a bi-weekly basis. This aspect of the maintenance program significantly reduces and or eliminates most sediment and debris loads from reaching the maintained catch basins and other inlet types. The street sweeping program is an integral part of the MS4 maintenance program. The aggressive street sweeping program provides significant benefits to the storm drain cleaning program, i.e. reduced program costs, cleaner catch basins on a year-round basis and allows the storm drain maintenance crews to focus additional cleaning efforts on those known problem-area MS4 facilities.

Our storm drain maintenance crew operates on a year-round basis to inspect at a minimum one hundred (100%) of the catch basins and cleans, as warranted, based upon visual inspection those catch basins that have accumulated fair amounts of litter, sediment and/or other debris. If a catch basin needs cleaning, it is cleaned at the time of the inspection thus reducing any chance that a future storm event could wash the accumulated material into the storm drain system. Open channels are cleaned annually in the fall in preparation to the rainy season. Typically, the materials collected during the cleaning efforts include, litter, dirt/sediment and organic debris. The overall condition of our existing storm drain system is good; therefore, staff does not foresee any type of structural restoration in the near future.

By design of the City's street sweeping program and storm drain programs, criteria such as tributary watershed/land use types, distance to Receiving Waters and beneficial uses of Receiving Waters were not considered factors for the maintenance program.

3. Have you identified any changes in municipal activities that would help to ensure that public agency facilities and activities do not cause or contribute to a pollution or nuisance in Receiving Waters?

Yes No

If yes, please describe those changes below.

Provision No. XI. G of the Permit requires each Permittee to evaluate the inspection and maintenance frequency for the MS4 on an annual basis.

1. Has your agency evaluated your program for the MS4 inspection and maintenance frequency?
Yes No

Describe the results of the evaluation and identify modifications to your agency's program as a result of this evaluation.

See #2 above

Provision No. XI.K of the Permit requires each Permittee to provide training to the public

Attach additional information and/or supporting documents on separate sheet(s) as necessary.

MUNICIPAL FACILITIES PROGRAMS AND ACTIVITIES

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Santa Ana NPDES Municipal Stormwater Permit

agency staff and to contract field operations staff on fertilizer and pesticide management, model maintenance procedures, and other pollution control measures. Permittee staff responsible for application of fertilizer or pesticides shall attend at least three of these training sessions during the five-year term of this Order (from 2002 to 2007).

1. Describe the training that your agency staff and/or contract field operations staff have received regarding fertilizer and pesticide management, model maintenance procedures, and other pollution control measures.

Staff responsible for fertilizer and pesticide management attend training at regular intervals as prescribed by law in order to maintain their applicators license.

Provision No. XI.M of the Permit requires each Permittee to annually evaluate their street/road sweeping frequency based on land use and historical information to determine the need to revise their sweeping frequency.

1. Describe the measures that your agency has taken to evaluate the street/road sweeping frequency based on land use and historical information to determine the need to revise their sweeping frequency.

Moreno Valley has reviewed published data on street sweeping frequency and intervals. Moreno Valley sweeps its maintained public streets with continuous curb and gutter bi-weekly. This schedule is confirmed in the article, "A Clean Sweep to Swipe Pollutants", found in Stormwater Magazine, May/June, Volume 2 Number 4. The article states "in terms of water quality, the ideal timing for sweeping isn't an interval at all. Small particles will hang out largely unseen and are not a danger until the rains come. If there is a trick, it's to accurately predict rain so that the streets are all swept moments before the rain hits. Since this kind of prediction and speed is highly impossible, it is easy to see why many look at biweekly sweeping as being a limit before returns start to diminish."

Attach additional information and/or supporting documents on separate sheet(s) as necessary.

PROGRAM EVALUATION, REPORTING AND REVISIONS

*2007 Annual Progress Report
Santa Ana NPDES Municipal Stormwater Permit*

Contact Person: Kent Wegelin Telephone: 951-413-3497
Prepared By: Phuong Hunter Date: 08-30-07

Section 12.2 of the Drainage Area Management Plan (DAMP) requires that the Permittees will regularly assess programs components to identify improvements that will promote the reduction of pollutants in Urban Runoff. The Permittees will track and report the following data that are believed to have a positive influence on Urban Runoff and receiving water quality (please note the District will report on regional programs, however if your agency performs activities above and beyond regional efforts please describe them in the space provided):

1. The estimated quantity of material removed from the MS4. (Regional and Co-Permittees)
1620.5 cu.ft (Co-permittee)
2. The estimated quantity of material collected under litter removal and street sweeping programs. (Co-Permittees)
2310 Tons
3. The total number of construction sites inspections for stormwater compliance. (Co-Permittees)
915
4. The total number of industrial and commercial facility inspections for stormwater compliance (Co-Permittees).
282
5. The quantity of household hazardous waste material collected through the HHW Collection and ABOP Programs. (Regional)
Not-Applicable
6. The number of Permittee staff receiving training for activities related to DAMP implementation. (Regional and Permittees)
19 employees received training (Co-Permittee)
7. The number of Urban Runoff complaints received through hotlines. (Regional and Co-Permittees)
None (Co-permittee)
8. The number of illicit connections detected and eliminated. (Co-Permittees)
None (Co-Permittee)

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9. Construction outreach events conducted. (Regional and Co-Permittees)

1- Public Works Day Fair (Co-Permittee)

10. Industrial/Commercial outreach events conducted. (Regional and Co-Permittees)

1 – Public Works Day Fair (Co-Permittee)

11. Media impressions. (Regional and Co-Permittees)

None (Co-Permittee)

12. Classroom presentations. (Regional)

Non-Applicable

13. Public education events conducted. (Regional and Co-Permittees)

1 - Public Works Day Fair (Co-Permittee)

Provision No. VII of the Permit requires that The Permittees shall continue to work cooperatively with the local sewerage agencies to determine and control the impact of infiltration from leaking sanitary sewer systems on Urban Runoff quality.

1. Does your agency operate sanitary sewer system?

Yes No

If you answered yes, please provide contact information in an event of a spill.

Agency Name:

Contact Name:

During Work Hours Phone Number:

After Hours Phone Number:

Email:

Fax:

Attach additional information and/or supporting documents on separate sheet(s) as necessary.