

**COUNTY OF RIVERSIDE**  
**SANTA MARGARITA WATERSHED**  
**NPDES MUNICIPAL STORMWATER PERMIT**  
**(NPDES No. CAS0108766)**

**ANNUAL REPORTING FORMS**

**FOR**

**COUNTY OF RIVERSIDE**  
**FISCAL YEAR 2004 - 2005**

1. Development Planning
2. Construction
3. Municipal
4. Industrial/Commercial
5. Residential
6. Education
7. Illicit Discharge Detection and Elimination
8. Public Participation
9. Assessment of Program Effectiveness
10. Fiscal Analysis Component
11. Non-Storm Water Discharges
12. Receiving Water Limitations
13. Additional Urban Runoff Data
14. Proposed Revisions

**Attachments:**

Table 1 – Construction Site Inventory (on CD)

Table 2 – Storm Season Statistics

Table 3 – Storm Season Actions

Appendix 1 – Code Enforcement

Appendix 2 – Transportation Log

Appendix 3 – Environmental Health Log

**BOARD ORDER NO. R9-2004-001**  
**CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD**  
**SAN DIEGO REGION**

## **EXECUTIVE SUMMARY**

This Annual Report includes details of the County of Riverside's efforts to implement the NPDES Program within the Santa Margarita Watershed during fiscal year 2004/2005. Specifically, the report will focus on the implementation of the County of Riverside's Individual Storm Water Management Plan (County SWMP). The Annual Report for the Riverside County SWMP documents specific urban runoff management programs and activities that were implemented to comply with the requirements of the municipal separate storm sewer system (MS4) permit issued by the San Diego Regional Water Quality Control Board (Regional Board) on July 14, 2004 (Board Order R9-2004-001).

The Third Term MS4 NPDES Permit issued by the San Diego Regional Board requires the development of a Watershed-wide Storm Water Management Plan (Principal Permittee and Permittees) and four Individual Storm Water Management Plans (each Permittee). The Watershed-wide SWMP and the Individual SWMPs were completed and submitted to the Regional Board on July 14, 2005, in accordance with the Third Term Permit. Annual Reports for each of these documents are to be submitted to the Regional Board by October 31, 2005.

Each section of the annual report directly corresponds to the Third Term Permit Annual Report requirements (Provision III.A.1 of the Monitoring and Reporting Program). The County also reviewed the letter from the Regional Board dated December 14, 2005, in response to annual reports submitted for fiscal year 2003/2004. The Regional Board's letter asked the Permittees to not over-report information that was previously contained in other sources of information submitted by the Co-Permittees (redundant information). The County has followed the Regional Board's directions and the information contained herein follows the requirements.

The County is involved in numerous activities that improve the quality of life for the residents of the County, and also have a positive effect on water quality and other environmental issues. These programs include collection programs aimed at pollution prevention: solid waste/community cleanups, household hazardous waste, used oil recycling, small quantity generator waste, sharps, electronic waste, universal waste, roadside litter retrieval, and illegal dumping retrieval. In addition, the County is involved with spill response and emergency response, and is notified when sewage spills occur. The positive effects of these activities are not measured at this point as an

NPDES activity, but deserve mention in this document as they assist incrementally with the reduction of potential pollutant loading in water bodies.

The following list provides a framework of the County of Riverside's implementation strategy for the Third Term Permit. This list provides an overview, as each task is further described within the appropriate section of the Annual Report.

County utilized the existing Water Quality Management Committee and Staff Committee structure to focus on the elements of the new Santa Margarita Permit. The monthly meeting structure was modified and meetings were held weekly and bi-weekly in order to address permit issues.

- July/August 2004 - Permit requirements were provided to departments and a variety of informal subcommittees were formed during FY 2004/2005.
- July/December 2004 – Principal Permittee & Co-Permittees met to develop Watershed SWMP & Individual SWMP.
- January/June 2005 – Principal Permittee & Co-Permittees developed and refined the SWMP documents.
- July/December 2005 – County/District staff coordinated efforts to implement WQMP requirements by January 1, 2005.
- Water Quality Committees focused on: legal authority, commercial/industrial, new development, municipal, IC/ID, and enforcement issues.
- New Development Committee worked on WQMP development and implementation from Spring 2004 through Winter 2004.
  - Initial Study Checklist or Environmental assessment modified per SWMP.
  - Conditions of approval modified to include WQMP requirements.
  - County Staff attended training on WQMP/SUSMP.
  - County Staff coordinated with the Flood Control District to determine appropriate BMPs for post-construction (development of a County Design Standard).
  - Staff coordinated with development community to assist with permanent maintenance requirements of BMPs. County/District considers public maintenance option of BMPs.

- Board of Supervisors Workshop April 5, 2005 – Detention basin & and water quality issues – Staff proposes public maintenance option and BMP design guidelines.
- Staff requests support of ACA 13 (not approved by Board of Supervisors).
- Grading Ordinance revisions adopted by the Board of Supervisors June 28, 2005.
- County participation in the Western Riverside Council Of Governments NPDES Santa Ana/Santa Margarita Management Steering Committee meetings (City Managers and County Executive Office).
- Participation in watershed councils and watershed authorities to assist in improving water quality in Lake Elsinore and Canyon Lake.
- Pursuit of grants in order to address potential impaired water body issues for the San Jacinto River. County NPDES Program received Proposition 13 Watershed Protection Grant of \$2.6 million for illegal dumping cleanups, habitat acquisition, and development of management practices that curtail illegal dumping in the region.
- Pre-season construction meetings with the Regional Boards in order to address upcoming wet season construction inspections (September 2004).
- Pre-season education site visits of construction sites to inform superintendents of the upcoming due dates and requirements (September/October 2004) 122 sites.
- Research, coordination and fact-finding with jurisdictions (in and out of Riverside County) in order to evaluate differing approaches to program funding, implementation and organizational structure.

For purposes of this Annual Report, the terms “Watershed Stormwater Management Plan (Watershed SWMP)” and “Standard Urban Stormwater Management Plan” (SUSMP) referenced within the Santa Margarita Region Permit are referenced to as the “Drainage Area Management Plan” (DAMP) and “Water Quality Management Plan” (WQMP), respectively to be consistent with terminology established and in use by the Permittees. Additional terms and acronyms used in this Annual Report are defined within the glossary included in the DAMP.

# DEVELOPMENT PLANNING

## 1. Description of any amendments to the General Plan or the development project approval process:

As described in detail within the County of Riverside SWMP, the County of Riverside went through a complete revision of its General Plan in 2003. The Riverside County Integrated Plan (RCIP) includes a completely updated and revised General Plan, the creation of a Multiple Species Habitat Conservation Plan (MSHCP), a new Community and Environmental Acceptability Process (CETAP), and a Special Area Management Plan (SAMP).

This multi-faceted approach to land use planning incorporates many inter-related issues into one plan in order to address and/or mitigate impacts up-front. For example, the County has implemented the Habitat Acquisition Negotiations (HANS) process for land development proposals within the habitat criteria cells of the MSHCP. This process integrates the needs of acquiring habitat for the MSHCP by providing notification to property owners that one option they can consider is to dedicate or sell a portion of their land. This allows the County to negotiate with willing sellers prior to land development approvals.

As noted within the County SWMP, the Riverside County Integrated Plan (RCIP) contains policies that encourage preservation of native vegetation and watercourses, provide incentives for cluster developments and a commitment to acquire large quantities of habitat in western Riverside County. The preserve system envisioned would have 500,000 acres. The current General Plan was developed to be reviewed and modified every five years.

The County Planning Department acts as the lead agency for discretionary land use approval projects and works closely with the Riverside County Flood Control District (a Special District) to evaluate drainage and water quality issues. In coordination with the Flood Control District, the County participated in the following tasks during the past fiscal year:

- a) A Water Quality Management Plan (WQMP) was developed for the Santa Ana and Santa Margarita Watershed regions of Riverside County. The WQMP functions as a SUSMP for the purposes of Board Order R9-2004-001. The WQMP was put through a public participation process and completed on September 17, 2004 and submitted to the San Diego Region RWQCB on July 14, 2005 as Appendix O to the Riverside County DAMP.
- b) The Planning Department modified all of its land development application forms to accommodate the new WQMP checklist that project applicants are required to fill out. The checklist requires the applicant to self-certify whether their project meets the definition of a Priority Development Project as defined in the Permit.

## DEVELOPMENT PLANNING

Projects requiring a WQMP must submit the completed Preliminary WQMP at the time of project submittal.

- c) Conditions of approval were revised to reflect the New Development and Redevelopment requirements of the Santa Margarita Region NPDES MS4 Permit. These revised conditions were completed in January 2005 and are included in the County's Individual SWMP submitted to the Regional Board on July 14, 2005. These conditions of approval, which include requirements to prepare a Preliminary WQMP for New Development and Redevelopment Projects as defined by Board Order R9-2004-001, have been attached to proposed development projects that have been submitted to the County since January, 2005.
- d) A BMP Design Manual was developed to standardize the design, implementation and maintenance of post-construction BMPs to be implemented in Riverside County. This BMP Design Manual is included in Appendix O of the Riverside County DAMP and was submitted to the Regional Board on July 14, 2005.
- e) Board of Supervisors Public Workshop on Detention Basins & Upcoming Water Quality Basins - On April 5, 2005, the County Executive Office, the Flood Control District and several other departments facilitated a Public Workshop before the Riverside County Board of Supervisors to discuss the need for public maintenance of all post-construction BMPs within the unincorporated area of Riverside County. The Board of Supervisor's asked County and District staff to return in December 2005 with a follow-up report identifying a list of post-construction BMPs that the County would be willing to accept, a mechanism to ensure that the post-construction BMPs would be fully funded for maintenance, and a proposal for identifying the entities/County Departments that would be responsible for tracking and maintaining post-construction BMPs.
- f) The Planning Department is in the process of establishing a Development Manual, Land Use Code, and amendments to Ordinances 348 and 460 (which relate to zoning and subdivisions). These policy documents are on outgrowth of the General Plan as they will include specific policy requirements for land developments in order to further the goals of the General Plan. The draft document(s) have been modified to incorporate the WQMP requirements of the Permit. The County is also recommending inclusion of the Water Quality and Watershed Protection Principles within the documents. These documents are going before the Riverside County Planning Commission in November 2005.

## **DEVELOPMENT PLANNING**

- g) The County Executive Office, Flood Control District and other departments are preparing a report to the Board of Supervisors regarding the overall status of the NPDES Program. The report will focus on new development policies, public maintenance options, design guidelines for BMPs, overview of permit requirements, funding strategies and future policy issues.

### **2. Number of grading permits issued:**

Approximately 1,700 grading permits were issued on a County-wide basis during FY2004-05. About 900 grading permits were issued in the area of the County under the jurisdiction of the Santa Margarita Region. Table 1: 2004-05 Storm Season List of Grading Permits Issued is an electronic file of all grading permits issued by the County of Riverside. The permits are grouped by inspection area. Those permits located in the Santa Margarita Region are designated by "TG01" in the Inspection Area (INSPAREA) column of the table.

### **3. Number of developments conditioned to meet SUSMP requirements:**

Although not a reportable item within the first annual report, since implementing the revised conditions of approval in January 2005, it is estimated that 32 projects have been required to submit a Preliminary WQMP.

### **4. Attach one example of a development project that was conditioned to meet SUSMP requirements and a description of the required BMPs;**

See Attachment A of the Individual SWMP Annual Report for the Flood Control District.

### **5. Description of any updates to the environmental review process:**

The Riverside County Planning Department reviewed and updated their initial study checklist and CEQA review process in conformance with the Permit. The revised initial study checklist was submitted to the Regional Board on July 14, 2005 as Appendix E of the County's Individual SWMP. The CEQA environmental review process is described in Section 6.3 of the SWMP.

### **6. Description and number of training efforts conducted during the reporting period (for staff, developers, contractors, etc.), including the number of staff trained:**

## DEVELOPMENT PLANNING

### a. Training:

County Department staff members attend the training sessions provided by the Flood Control District each Fall and Spring. In addition, approximately twelve County staff from multiple departments attend the monthly County Water Quality Committee meetings which provide briefings, guidance, and training on issues related to the Permit.

Training	Training Description	Training Dates	Number of Attendees
WQMP/SUSMP	New Development/Significant Redevelopment	11/10/04	6
WQMP/SUSMP	New Development/Significant Redevelopment	11/15/04	8
WQMP/SUSMP	New Development/Significant Redevelopment	4/27/05	1
		<b>Total</b>	<b>15</b>

### b. Summarize the educational and outreach activities the Development

The County attempts to keep the general public and the development community informed of all training and educational opportunities available. There are several organizations that sponsor storm water training and the Transportation & Land Management Agency Counter Services posts upcoming training opportunities at all offices to keep the public informed of future training opportunities.

During the past fiscal year, the County and the District worked with AEI-CASC as a co-sponsor for an additional WQMP training seminar in Temecula on January 31, 2005. This full day session covered the same topics as the training provided to municipal employees. Details of the training session are included within the Watershed SWMP Section G.9.

This past year the County worked with the Building Industry Association (BIA) to locate one of their annual training seminars in Riverside County. The County co-sponsored the BIA's March 2, 2005 Construction Storm Water Compliance Training Seminar in Temecula. The seminar topics were broadened to include a session on the WQMP process within Riverside County. AEI-CASC who



## **DEVELOPMENT PLANNING**

conducted the WQMP Training for the Riverside County Flood Control District, presented the WQMP overview to the attendees. Their presentation had been reviewed by the County to ensure that it included the appropriate WQMP information. The BIA also offered this same seminar in Yorba Linda on March 3, 2005.

### **7. An assessment of program effectiveness based on the measurable goals established in the Permittee's Individual SWMP:**

The assessment of program effectiveness is not required during the first annual report, but there are issues that have been identified which will need to be addressed:

- The County/District need a better long-term maintenance mechanism for post-construction BMPs within the County
- The County/District needs a better tracking mechanism for projects conditioned with WQMP requirements.
- The County/District needs to continue to develop its post-construction BMP guidance to ensure the effectiveness and efficiency of post-construction BMPs.

### **8. Additional Comments/Information:**

**Describe the major accomplishments of the Development Planning Component over the past year. (General Plan or ordinance revisions, procedure/approval process changes, SUSMP guidance material):**

Major accomplishments are described in responses 1, 3, and 5 of the Development Planning form.

**Summarize new activities or improvements to be implemented next year as a result of your self assessment of the Development Planning Component:**

The County is proposing that the following program elements be reviewed for the next reporting cycle as a result of the first year review of this program:

1. County/District will conduct a second public workshop before the Board of Supervisors in December 2005, to propose a list of post-construction BMPs that the County is willing to accept, a proposed public funding mechanism to ensure that the BMPs would be fully funded for maintenance, and a proposal for identifying the entities/County departments that would be responsible for tracking and providing maintenance of the BMPs under the new public funding mechanism.

## **DEVELOPMENT PLANNING**

2. The County and District will review its case tracking software to enable reports of the number of developments that have been conditioned to implement the WQMP.
3. The County will coordinate with the District's development review section and others to review and revise BMP design guidance to ensure maximum effectiveness and maintainability of post-construction BMPs.
4. The Planning Department is in the process of establishing a Development Manual, Land Use Code, and amendments to Ordinances 348 and 460 (which relate to zoning and subdivisions). These policy documents are an outgrowth of the General Plan as they will include specific policy requirements for land developments in order to further the goals of the General Plan. The draft document(s) have been modified to incorporate the WQMP requirements of the Permit. The County is also recommending inclusion of the Water Quality and Watershed Protection Principles within the documents. These documents are going before the Riverside County Planning Commission in November 2005.

# CONSTRUCTION

## 1) Number of inspections conducted:

### Private Projects:

572 inspections were conducted on 261 individual construction sites in the Santa Margarita Region during the 2004-05 Storm Season.

See Table 2: 2004-05 Storm Season- Final Site Statistics.

### Public Projects:

The County public works projects are constructed through private contractors. The construction sites are inspected by either County employed construction inspectors or contractors. Part of each inspector's tasks are to ensure NPDES compliance as part of the daily inspection duties of construction sites.

## 2) Number and type of enforcement actions related to construction sites:

Enforcement and Compliance Responses	Private Projects	Public Projects
Non-monetary Penalties	0	0
Stop Work Authority	15	0
Fines	0	0
Financial Security	0	0
Permit/Certificate of Occupancy Denial	0	0
Referral to SDRWQCB	85	0
Total	100	0

*See Table 3: 2004-05 Storm Season- Sites Where Action Was Taken.*

## 3) Description of modifications made to the construction and grading approval process:

- Changes have been adopted in County Ordinance 457 that require:
  - ✓ Construction activities involving disturbances of 1 acre or more to comply with NPDES requirements.
  - ✓ Construction activities involving disturbances of less than 1 acre to provide effective erosion and sediment controls on a year-round basis.
  - ✓ Phased grading to be implemented, if practicable.

# CONSTRUCTION

- Grading plans disturbing one acre or more are required to add the following notes to ensure BMPs are provided that reduce the discharge of pollutants to the Maximum Extent Practicable (MEP):
  - ✓ Require project proponent to develop and implement a plan to manage storm water and non-storm water discharges from the site at all times.
  - ✓ Require project proponent to minimize grading during the wet season and coincide grading with seasonal dry weather periods to the extent feasible. If grading does occur during the wet season, require project proponent to implement additional BMPs for any rain events which may occur.
  - ✓ Require project proponent to emphasize erosion prevention as the most important measure for keeping sediment on site during construction
  - ✓ Require project proponent to utilize sediment controls as a supplement to erosion prevention for keeping sediment on-site during construction, and never as the single or primary method.
  - ✓ Require project proponent to minimize areas that are cleared and graded to only the portion of the site that is necessary for construction.
  - ✓ Require project proponent to minimize exposure time of disturbed soil areas.
  - ✓ Require project proponent to temporarily stabilize and reseed disturbed soil areas as rapidly as possible.
  - ✓ Require project proponent to permanently re-vegetate or landscape as early as feasible.
  - ✓ Require project proponent to stabilize all slopes.
  - ✓ Require project proponents subject to the General Construction Permit to provide evidence of existing permit coverage.

## CONSTRUCTION

**4) Description and number of municipal employee training efforts conducted during the reporting period:**

**a. Municipal Employee Training: County staff**

<b>Training</b>	<b>Training Description</b>	<b>Training Dates</b>	<b>Number of Attendees</b>
<i>StormCon</i>	<i>General current NPDES info. On a County-wide basis.</i>	<i>07/26/04</i>	<i>1</i>
<i>RCFCD</i>	<i>Supplement A Training- Post Construction BMPs</i>	<i>09/17/04</i>	<i>2</i>
<i>RCFCD</i>	<i>General NPDES Construction Inspection Training</i>	<i>10/19/04</i>	<i>64</i>
<i>RCFCD</i>	<i>General NPDES Construction Training</i>	<i>04/26/05</i>	<i>18</i>
<i>RCFCD</i>	<i>Industrial/Commercial NPDES Construction Inspection Training</i>	<i>04/27/05</i>	<i>4</i>
<i>RCFCD</i>	<i>General NPDES Construction Inspection Training</i>	<i>5/03/05</i>	<i>18</i>
<b>Total</b>			<b>107</b>

**b. Summarize any additional education and outreach activities conducted for project applicants, contractors, developers, property owners, and/or other responsible parties in support of the Construction Component:**

- A copy of the General Construction and Site Supervision Pamphlet, as well as the Stormwater and the Construction Industry poster are provided to each construction site at the time the initial NPDES verification is conducted.
- The initial verification is conducted on a pre-storm season basis (i.e. prior to October 15). During the 2004-05 Storm Season approximately 122 Initial Verifications were performed in the Santa Margarita Region alone. The initial verification is treated as an educational opportunity to assist the developer, project superintendent, engineer and storm-water coordinator with NPDES site compliance. General NPDES guidelines and requirements are reviewed and the developer is advised that site

# CONSTRUCTION

BMPs are expected to be in place and completely functional on or before October 15 of the year. The developer is cautioned that subsequent field verifications will be conducted by the County and may be conducted at any time by the RWQCB. The developer is also made aware of the Site Verification Frequency required based on the Site Inspection Priority Level assigned the site. A follow-up letter is attached to the final copy of the NPDES Compliance Verification Sheet and the correspondence is mailed to the developer which serves to reinforce the basic NPDES requirements reviewed during the initial verification.

**c. An assessment of program effectiveness based on the measurable goals established in the Permittee's Individual SWMP:**

This program element is not required for the first annual report. An assessment for program effectiveness will be provided in the FY 2005/2006 Annual Report.

**5) Additional Comments/Information:**

**a. Describe the major accomplishments of the Construction Component over the past year.**

- By the end of the 2004-05 Storm Season:
  - All sites that were issued Notice of Intent To Issue Stop Work Orders in the Santa Margarita Region were found to be in compliance.
  - 60% of the total Santa Margarita sites inspected achieved a 50% or better compliance rate.
  - 12% of the Commercial/Tract sites inspected were found with less than a 50% site compliance rate.
  - 52 sites located in the Santa Margarita Region were "finaled/closed."
  - 13 sites located in the Santa Margarita Region were observed as having "no work commenced".

**b. Summarize new activities or improvements to be implemented next year as a result of your self assessment of the Construction Component:**

## CONSTRUCTION

- The Site Inspection Priority “Number” phrase will be replaced on the County NPDES Verification form with the phrase Site Inspection Priority “Level.”
- The acknowledgement of receipt of the NPDES verification form by the project owner/applicant shall be eliminated from the County NPDES verification form altogether.
- Building Inspectors will be conducting subsequent NPDES verifications on single family residences after an initial verification is conducted by the primary NPDES field verifier. County Building Job Cards will be updated to provide a sign-off by the Building Inspector during specific stages of construction for NPDES compliance.

**c. Other comments:**

- The County intends to modify the County SWMP per the comments of the SDRWQCB comment letter of September 28, 2005. The County will modify the SWMP to incorporate minimum BMPs for grading projects. The SWMP modifications will be part of the November 7 submittal to the Regional Board.
- The Transportation Department is reviewing and analyzing their construction contracts to ensure that adequate provisions are included in the specifications to meet the objectives of the Permit.
- The County departments that implement construction projects are collectively analyzing their needs for staff training and assistance in selecting post-construction BMPs.

# MUNICIPAL

## 1) Number of inspections conducted at existing facilities:

The County has documented at least four inspections of municipal facilities through the Compliance Assistance Program. The County of Riverside has a variety of municipal facilities within the Santa Margarita Watershed. Due to differences in program reporting activities, the total number of inspections conducted is not completely known. It is expected that some departments have self-inspected their facilities and have not reported the information for this year's Annual Report.

## 2) Number and type of enforcement actions related to municipal sites:

Enforcement and Compliance Responses	Number
Education and Information	0
Verbal warning	0
Written warning	0
Other:	0
<b>Total</b>	<b>0</b>

## 3) Number of catch basins and inlets that were inspected and the number that were cleaned:

	Number Inspected	Number Cleaned
Catch Basins and Inlets	All	As necessary



## MUNICIPAL

4) Assessment of the amount and type of debris removed from catch basins, streets, and open channels, including an identification of problem areas that generate the most pollutants:

5)

Facility	Type of Debris	Approx. %	Problem Areas that Generate Most Pollutants
<b>Catch basins</b>	Anthropogenic Vegetative Litter Other man-made debris		
<b>Total</b>		<b>0</b>	<b>tons (wet weight)</b>
<b>Streets</b>	Anthropogenic Vegetative Litter Rock/Dirt	10% 15% 75%	
<b>Total</b>		<b>715.21</b>	<b>tons (wet weight) Totals are Countywide</b>
<b>Open Channels</b>	Anthropogenic Vegetative Litter Other man-made debris	N/A	
<b>Total</b>		<b>0.0</b>	<b>tons (wet weight)</b>
<b>Other:</b>	Litter Program	100%	
Road Side Clean Up	Anthropogenic	100.33	tons (dry weight)
<b>Total</b>		<b>100.33</b>	<b>tons (dry weight) Totals are Countywide</b>
<b>Facility Total</b>		<b>815.54</b>	<b>tons (wet weight) Totals are Countywide</b>

# MUNICIPAL

## 6) Assessment of effectiveness of BMPs that have been implemented for municipal facilities and activities:

BMP Code	Description	Used	Notes
SC-10	Non-Stormwater Discharges	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	BMP has been appropriately used and appears to be adequate in its effectiveness.
SC-11	Spill Prevention, Control and Clean-up	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	BMP has been appropriately used and appears to be adequate in its effectiveness.
SC-20	Vehicle and Equipment Fueling	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	BMP has been appropriately used and appears to be adequate in its effectiveness.
SC-21	Vehicle and Equipment Cleaning	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	BMP has been appropriately used and appears to be adequate in its effectiveness.
SC-22	Vehicle and Equipment Repair	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	BMP has been appropriately used and appears to be adequate in its effectiveness.
SC-30	Outdoor Loading/Unloading of Materials	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	BMP has been appropriately used and appears to be adequate in its effectiveness.
SC-31	Outdoor Liquid Container Storage	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	BMP has been appropriately used and appears to be adequate in its effectiveness.
SC-32	Outdoor Equipment Maintenance	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	BMP has been appropriately used and appears to be adequate in its effectiveness.
SC-33	Outdoor Storage of Raw Materials	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	BMP has been appropriately used and appears to be adequate in its effectiveness.
SC-34	Waste Handling and Disposal	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	BMP has been appropriately used and appears to be adequate in its effectiveness.
<input type="checkbox"/>	Safe Alternative Products	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	BMP has been appropriately used and appears to be adequate in its effectiveness.
SC-40	Contaminated or Erodible Areas	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	n/a
SC-41	Building and Grounds Maintenance	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	BMP has been appropriately used and appears to be adequate in its effectiveness.
SC-42	Building Repair and Construction	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	BMP has been appropriately used and appears to be adequate in its effectiveness.
SC-43	Parking/Storage Area Maintenance	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	BMP has been appropriately used and appears to be adequate in its effectiveness.
SC-44	Drainage System Maintenance	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	BMP has been appropriately used and appears to be adequate in its effectiveness.
SC-60	Housekeeping Practices	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	BMP has been appropriately used and appears to be adequate in its effectiveness.
SC-61	Safe Alternative Products	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Duplicate of SC-35

## MUNICIPAL

SC-70	Road and Street Maintenance	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	BMP has been appropriately used and appears to be adequate in its effectiveness.
SC-71	Plaza and Sidewalk Cleaning	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	n/a
SC-72	Fountain and Pool Maintenance	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	n/a
SC-73	Landscape Maintenance	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	BMP has been appropriately used and appears to be adequate in its effectiveness.
SC-74	Drainage System Maintenance	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Duplicate of SC-44
SC-75	Waste Handling and Disposal	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Duplicate of SC-34
SC-76	Water and Sewer Utility Maintenance	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	n/a

**Assessment of the effectiveness of BMPs that have been implemented for municipal facilities and activities:**

**The assessment of BMPs are indicated within the Notes column of the Table.**

## MUNICIPAL

**7) Description and number of training efforts conducted over the last year (for municipal facility operators and/or inspectors).**

**a) Training: County staff training**

Training	Training Description	Training Dates	Number of Attendees
RCFCD	Municipal Facilities	10/21/04	12
RCFCD	Municipal Facilities	4/26/05	5
RCFCD	Municipal Facilities	5/03/05	12
		<b>Total</b>	<b>29</b>

**b) Summarize the internal and external education and outreach activities the Municipal Component has conducted over the past year:**

County departments are responsible for ensuring that the appropriate staff receives training on an annual basis. The primary training is provided by the Flood Control District through their semi-annual training program. Personnel that attend training are encouraged to share the training materials/information with their co-workers and some departments conduct informal NPDES Training based on the materials provided by the District.

At least two departments (Transportation and Fire), conduct their own internal municipal training. This is due to the number of employees and the geographic distribution of employees throughout the 7,200 square miles of Riverside County. The Transportation Department has incorporated some basic training into their tailgate meetings. The Fire Department has developed a separate training program. They developed an in-house video for use at each of their fire stations within Riverside County. Each Fire Station employee is required to view the video annually. The Fire Department video discusses appropriate BMPs for use within their stations.

During the Spring/Fall of 2004, the Flood Control District held a couple of meetings to discuss the requirements of the Statewide General NPDES Permit for the Discharge of Aquatic Pesticides for Aquatic Weed Control. Four staff from the County attended these meetings.

**8) An assessment of program effectiveness based on the measurable goals established in the Permittee's Individual SWMP:**

This element is not required to be reported within the first annual report. The County will continue to evaluate this program and include an assessment within next year's report.

# MUNICIPAL

## 9) Additional Comments/Information:

**Describe the major accomplishments of the Municipal Component over the past year:**

The development of the County SWMP (within 365 days) required considerable coordination within the departments of the County. Highlighted tasks include:

- Development of a municipal facility and activity list.
- Review of Municipal maintenance activities.
- Identification of appropriate BMPs for municipal facilities.
- Review and development of a municipal inspection program.
- Review and further development of pollution prevention plans and/or incorporation of BMP criteria for various municipal facility types.

**Summarize new activities or improvements to be implemented next year as a result of your self assessment of the Municipal Component:**

- 1) Continued education and training will be provided to staff to ensure that appropriate BMPs are used at all municipal facilities. Additionally for FY 05/06, the Transportation Department will focus on providing education and training for staff to improve the use and assessment of BMPs utilized at all road maintenance yards.
- 2) A new database was developed and tested to capture data for catch basin inspections and cleaning. This database is expected to be fully operational to capture data for the dry weather monitoring of catch basins. Dry weather monitoring began in August 2005, and is expected to be completed by the end of September. Therefore, data on litter characterization and the amount of debris removed from catch basins will be reported in FY 05/06 Annual Report.
- 3) The County over the next fiscal year will further refine, clarify and make improvements in the following program areas:
  - Municipal facility inspections – documentation and tracking of all inspections will be improved over the next fiscal year.
  - Pollution Prevention Plans and/or BMP criteria for municipal facilities with the County SWMP – The County will consider the development of a municipal facility matrix which identifies required BMPs for each type of land use as discussed at the meeting with the Regional Board on August 31, 2005.

## INDUSTRIAL/COMMERCIAL

**1) Description and number of training efforts conducted over the last year (for industrial/commercial facilities).**

**a. Training:**

Training	Training Description	Training Dates	Number of Attendees
RCFCD	Industrial/Commercial Facilities	10/27/04	13
RCFCD	Industrial/Commercial Facilities	04/27/05	7
		<b>Total</b>	<b>20</b>

**2) Number of inspections conducted:**

Category	Number of Inspections
<b>Industrial Facilities</b>	
High Priority Facilities	
Medium Priority Facilities	1
Low Priority Facilities	
<b>Commercial Facilities</b>	
High Priority Facilities	10
Medium Priority Facilities	14
Low Priority Facilities	21
<b>Total</b>	<b>46</b>

**1) Number and type of enforcement actions taken:**

Enforcement and Compliance Responses	Industrial	Commercial
Non-Monetary Penalties		2
Fines		
Bonding Requirements		
Permit Denial		
Referral to SDRWQCB		
<b>Total</b>	<b>0</b>	<b>2</b>

## **INDUSTRIAL/COMMERCIAL**

### **2) An assessment of program effectiveness based on the measurable goals established in the Permittee's Individual SWMP:**

The assessment of effectiveness is not required as part of the first annual report. The County will continue to monitor and evaluate the progress of this program and provide an assessment of effectiveness in next year's annual report.

### **3) Additional Comments/Information:**

**Describe the major accomplishments of the Industrial Component over the past year:**

As mentioned within the Watershed SWMP or DAMP, the Department of Environmental Health implements the initial Stormwater survey on behalf of the Permittees through an agreement with the Flood Control District. The survey is filled out in conjunction with the inspection of the facility operator for either a permit for hazardous waste generation or an underground storage tank. The CAP Program has been an effective program for meeting the permit requirements as well as being extremely efficient in terms of use of existing resources to meet the requirements.

During the reporting period, the Building and Safety Department implemented a Commercial/Industrial Inspection follow-up program. Under the Special Enforcement Team, two Code Enforcement Officers were assigned the task of developing protocol for the follow-up inspection to the Compliance Assistance Program (Stormwater Survey Program implemented by the Department of Environmental Health.)

The Code Enforcement Division did not re-inspect any industrial facilities as the CAP Program did not detect any deficiencies in the Stormwater Surveys. The County will keep the Regional Board apprised of the outcome of its inspections.

**Describe the major accomplishments of the Commercial Component over the past year:**

As mentioned within the Watershed SWMP or DAMP, the Department of Environmental Health implements the initial Stormwater survey on behalf of the Permittees through an agreement with the Flood Control District. The Stormwater Survey is filled out in conjunction with the inspection of the facility operator for either a permit for hazardous waste generation and/or food service facility permit. The CAP Program has been an effective program for meeting the permit requirements as well as an efficient use of existing resources to meet the requirements of the Permit.

During the reporting period, the Building and Safety Department implemented a Commercial/Industrial follow-up inspection program. Under the Special Enforcement

## **INDUSTRIAL/COMMERCIAL**

Team, two Code Enforcement Officers were assigned the task of developing protocol for the follow-up inspections of commercial/industrial facilities that were found deficient by DEH staff during the initial Stormwater Survey. The Building and Safety Department, Code Enforcement Division conducted follow-up inspections of 15 commercial facilities that the CAP Stormwater surveys found to be deficient. Of the fifteen facilities re-inspected, thirteen of the deficiencies were corrected at the time of the follow-up inspection. Two facilities failed their follow-up inspection and were issued a Notice of Violation. These two facilities are scheduled for re-evaluation. The County will keep the Regional Board apprised of the progress in these cases.

### **Summarize the internal and external education and outreach activities the Industrial Component has conducted over the past year:**

The Building and Safety Department staff attended training this past year to become familiar with the permit requirements. Due to the large volume of follow-up inspections required in both the Santa Ana and Santa Margarita watersheds, the County assigned the initial task of follow-up inspections to a consultant. Both Code Enforcement and consultant staff attended the District sponsored Industrial/Commercial Facility training during October of 2004.

### **Summarize the internal and external education and outreach activities the Commercial Component has conducted over the past year:**

During the inspections, brochures and posters were distributed regarding the various types of BMPs for specific land uses. This usually occurs when either the operator is unfamiliar with the appropriate BMPs or when a poster is not visible for employees to view. The posters/brochures serve as reminders of the facilities responsibilities to practice good housekeeping.

### **Summarize new activities or improvements to be implemented next year as a result of your self assessment of the Industrial/Commercial Component:**

The County is currently evaluating the approach to the entire commercial and industrial facility inspection program. Part of that review will include an evaluation of the current processes to determine if improvements can be made to increase efficiency. Part of the analysis will involve review of other inspection programs. Another aspect will review potential revenue sources for funding the enforcement program (as the typical funding allocated to Code Enforcement are County General Funds). The County would prefer to develop a fee structure to more equitably pass the costs of the program to the facilities inspected versus the use of County General Funds (which must be requested annually).

Some of the concerns raised internally concern the duplicity of roles within the inspection program. Currently, Environmental Health through the CAP Program



## **INDUSTRIAL/COMMERCIAL**

completes a Stormwater Survey, which in turn is forwarded to the Code Enforcement Division for enforcement. This becomes a concern for Code Enforcement because these duties fall somewhat out of their role and technical expertise. Requiring enforcement for failure to implement good housekeeping practices or BMPs is extremely desirous, and will take some additional training and technical expertise for Code Enforcement to become proficient.

The current program is under evaluation to determine whether having the entire program under one organization would improve the overall performance of the program. The County is currently evaluating a range of alternatives in streamlining and improving this program. The results of this study will be discussed within the Fiscal Year 2005/2006 Annual Report.

The County is developing a response to the Regional Board's comment letter of September 28, 2005. Part of the response will detail how the County will develop a strategy to establish an inventory of commercial/industrial facilities that exist outside of the Compliance/Assistance Program. Details of this strategy(ies) will be included within the County response letter, due to the Regional Board on November 7, 2005.

### **Other comments**

# RESIDENTIAL

## 1) A description of residential areas that were focused on during the past year:

The County's Residential Program is generally complaint based. The County is the recipient of numerous phone calls, e-mails and intergovernmental referrals. The incoming complaints are received by several County departments in order to address a variety of issues, such as flooding, accumulation of sediment, pot holes, illegal dumping, and improper discharges, etc. These calls are triaged and referred to the most appropriate department for follow-up.

The complaints received by the County do not tend to cluster within any specific communities, so in general, specific geographic areas were not focused on. Code Enforcement's log of NPDES activities is included as Appendix 1.

During Fiscal Year 2004/2005, the Transportation Department received over 2,000 complaint calls countywide to address many issues related to the record storm events of last year. As indicated in their report, the storm season caused some severe flooding, debris flows, and mudslides that negatively impacted roads, department facilities and safety within the County. The report is included as Appendix 2.

## 2) Number and type of enforcement actions taken:

Enforcement and Compliance Responses	Number of Responses
Education and information	5
Verbal Warning	
Written Warning	6
Notice of Non-Compliance	
Administrative Compliance Order	
Misdemeanor	
Infraction	
Citation	
Referral to SDRWQCB	
<b>Total</b>	<b>11</b>

## **RESIDENTIAL**

### **3) An assessment of program effectiveness based on the measurable goals established in the Permittee's Individual SWMP:**

The residential portion of the program is currently a new element and the assessment will take place after the program has been in effect for a full year (Second Annual Report).

### **4) Additional Comments/Information:**

**Describe the major accomplishments of the Residential Component over the past year:**

The County of Riverside developed a SWMP which has identified BMPs for typical activities.

**Summarize the internal and external education and outreach activities the Residential Component has conducted over the past year:**

County staff attended the first annual County Water Symposium at Lake Perris in July, 2004. The Symposium focused on water supply, but contained a few sessions on surface runoff issues. The Water Districts within southern California have begun utilizing Metropolitan Water Districts educational materials for homeowners (Be WaterWi\$e). Many of the educational materials covered issues with potential benefit to NPDES, in terms of using drought tolerant plantings and efficient irrigation systems. These educational materials are utilized by Eastern Municipal Water District and included as a bill insert. It is unknown how many County residents have received this insert.

County Parks/Santa Rosa Plateau Educational Program – County Parks offers and educational tour of the Plateau to elementary school children throughout the year. Approximately 20,000 children visit the site each year. The Program focuses on a number of environmental stewardship issues, including understanding watershed principles and the impacts of urban runoff.

Additional educational efforts are outlined in the Education Section of this report, as well as within Section G of the Watershed SWMP Annual Report.

**Summarize new activities or improvements to be implemented next year as a result of your self assessment of the Residential Component:**

The County will develop additional tracking mechanisms in order to better gauge the departmental contact with the public. Many issues are resolved through informal communication and are not logged for reporting purposes. This will include tracking verbal warnings. Many departments will issue verbal warnings, but they are not being reported in terms of NPDES activities.

# EDUCATION

**1) Description of education efforts conducted by the Permittee (not collectively with other Permittees) during the previous year:**

The education program described below was implemented as part of the Watershed SWMP requirements. Additional details regarding these programs are available in the Watershed SWMP Annual Report.

The Flood Control District implements several regional programs on behalf of the Permittees. The County augments this program by assisting with the distribution of educational materials, attendance at a variety of school and other public outreach events.

Audience	Measures
Permittee Departments and Personnel	Educational efforts: Number of Permittee employees trained for: <ul style="list-style-type: none"> <li>• Construction Inspection: 100</li> <li>• Industrial/Commercial Inspection: 20</li> <li>• Municipal Facilities and Activities: 29</li> <li>• Development Planning: 9</li> </ul>
Construction Site Owners and Developers	Construction/Developer educational efforts: <ul style="list-style-type: none"> <li>• Post-Construction BMP Workshop at Riverside County Flood Control District (8/04).</li> <li>• Construction Training (w/WQMP) held in Temecula by BIA &amp; AEI-CASC (3/2/05).</li> <li>• Water Quality Management Plan Training held in Temecula by AEI-CASC (1/31/05).</li> <li>• Pre-(wet) season meetings with Regional Board staff.</li> <li>• Pre-(wet) season site visit inspections as detailed in the Construction section.</li> </ul>
Industrial/ Commercial Owners and Operators	Industrial/Commercial educational efforts: <ul style="list-style-type: none"> <li>• Inland Empire Econ. Briefing &amp; Expo sponsored by the Business Press Event (4/22/05).</li> <li>• Distribution of Storm Water brochures and posters by both Department of Environmental Health and Code Enforcement staff.</li> </ul>

## EDUCATION

<p>Industrial/ Commercial Owners and Operators (continued)</p>	<ul style="list-style-type: none"> <li>• Distribution of annual Pollution Prevention Week mailer (participating departments include Department of Environmental Health, Waste Management Department).</li> <li>• Used Oil Recycling promotional materials to encourage oil retail outlets to accept used motor oil from the public.</li> <li>• Grant availability to businesses willing to accept used oil from the public.</li> <li>• Riverside County Recycling Guide – promotes reduction of solid waste, reuse of surplus materials and recycling. Promotes construction/demolition recycling and other business friendly information.</li> <li>• Small Quantity Generators – promotional materials to encourage SQG's to handle materials appropriately and encourage use of the HHW Program as a collection point for accepting SQG waste.</li> <li>• Sharps Collection – County encourages retailers to promote that the collection of sharps is available at HHW Collection events.</li> </ul>
<p>Residential Community, General Public, Other Public Agencies and Students</p>	<p>Public Education outreach/events:</p> <ul style="list-style-type: none"> <li>• Pollution Prevention mailer in September 2004 Press Enterprise (4 page insert covering a variety of Stormwater issues) 650,000 copies distributed (partially paid for by County grant funds).</li> <li>• Santa Rosa Plateau educational program (20,000 students) – County Parks implements an educational program for elementary school students from the area.</li> <li>• Be WaterWise Program by Eastern Municipal Water District.</li> <li>• WRCOG's "Cleanest County in the West Program" – School presentations made w/Radio Disney. Litter control and recycling presentations. (partially paid for by County grant funds) - See Watershed Report.</li> </ul>

# EDUCATION

Residential Community, General Public, Other Public Agencies and Students	<ul style="list-style-type: none"> <li>• Riverside County Backyard Composting Program – Training sessions provided and stormwater materials distributed</li> <li>• County Board of Supervisors/Department municipall meetings – Board members/legislative staff and Department staff attend numerous community meetings and bring Stormwater educational materials.</li> <li>• Public Outreach Events – Environmental Health and Waste Management Department attend numerous outreach events and distribute Stormwater educational materials.</li> </ul>
---	--

## 2. Assessment of overall program effectiveness based on the measurable goals established in the Permittee's Individual SWMP:

The education element of the County's Program is not required to be assessed in the first annual report. The County will make an evaluation in the second annual report.

## 3) Additional Comments/Information:

The County will make a concerted effort to improve communication internally and disseminate information to the public through it's many resources. For example,

- The County has multiple facilities within the watershed and can make greater use of its resources to promote the Stormwater Program.
- The County will work closely with the District to locate additional educational opportunities for the Storm Water Program.
- The County will work internally to develop a better tracking mechanism to document the various educational efforts put forth by County departments.
- The County will work more closely with the community in an effort to promote additional water quality issues.
- The County will work with water districts to promote efficient water use.
- The County will work with the schools to promote litter control education.
- The County will work with development community to promote low-impact development concepts.
- The County will work with development community to promote erosion and sediment control education.

## EDUCATION

- The County will work with Agricultural Commissioner's Office to promote Integrated Pest Management strategies.
- The County will work with Home Owner's Associations to provide educational materials on residential discharge controls.
- The County will work with the local Resource Conservation District(s) to assist with additional educational opportunities within County.

### **4) Other comments**

See the Watershed SWMP Annual Report for more information about the education program.

# ILLICIT DISCHARGE DETECTION AND ELIMINATION

## 1) Number of illicit discharges, connections and spills reported and/or identified during the reporting period:

### a) Illicit Discharges (ID):

The Code Enforcement Division of Building and Safety pursues enforcement for the County Stormwater Ordinance. Code Enforcement pursued the following ID's during FY 2004/2005.

- i) 16 cases of illegal dumping
- ii) 11 illicit discharges
- iii) 15 referrals for commercial facility inspection follow-up

### b) Illicit Connections (IC):

No illicit connections detected during the reporting period.

### c) Spills (S):

The Department of Environmental Health reports one (1) sewage system discharge during the reporting period (Appendix 3). Additionally, the Watershed SWMP Annual Report includes the Fire Department HazMat Response Team Report of other IC/ID responses acted upon by them. The Watershed SWMP contains a report of illicit discharge spill responses prepared by the Riverside County Fire Department Hazardous Materials Response Team.

## 2) Number of illicit discharges or connections investigated during the reporting period and the outcome of the investigations:

The Code Enforcement Division followed up on all 42 incidents that were reported to them. The outcome of their investigations are outlined in more detail within their report, included as the attachments for Code Enforcement.

- Illegal Dumping – 16 cases were opened during the reporting period. A review of the reports indicates that six (6) Notice of Violations issued. Ultimately, fifteen of the sixteen reported cases of illegal dumping have been closed.
- Illicit Discharges – 11 complaints of illicit discharges, five were unfounded, six, (6) Notice of Violations were issued and all were brought into compliance within thirty days.
- Commercial/Industrial inspection follow-up – Code Enforcement followed-up on 15 referrals and 13 were corrected by time of reinspection. Two Notice of Violation were issued and the sites are scheduled to be reinspected. These are described in the Industrial/Commercial section of this report.



## ILLICIT DISCHARGE DETECTION AND ELIMINATION

3) Number and types of enforcement actions taken for illicit discharges or connections during the reporting period:

<b>Enforcement and Compliance Responses</b>	<b>Private Facilities</b>	<b>Public Facilities</b>
Non-monetary penalties	42	
Stop work authority		
Fines		
Financial Security		
Permit/Business License Denial		
<b>Total</b>	<b>42</b>	<b>0</b>

# ILLICIT DISCHARGE DETECTION AND ELIMINATION

**4) Number of times your agency's hotline was called during the reporting period, as compared to previous reporting periods.**

- a) The County of Riverside does not operate the Stormwater Hotline for the MS4 Program. The Flood Control District implements a hotline on behalf of the Permittees. See the Watershed SWMP Annual Report for complete details.
- b) The County does receive complaints through many mediums (phone calls, electronic-mail, and referrals from the District, municipalities and the Regional Board). The Code Enforcement Division is tracking NPDES related complaints and those are included as Appendix 1.

**5) Number and location of dry weather monitoring sites that were monitored during the reporting period:**

The IC/ID dry weather monitoring was not required during Fiscal Year 2004/2005. The County will conduct the monitoring during the current Fiscal Year and provide a report in the Fiscal year 2005/2006 Annual Report.

The dry weather monitoring stations to be monitored are:

Number of Site(s): Four

Location(s):

- 1. Clinton Keith Road at Murrieta Creek (outfall at bridge)
- 2. Murrieta Hot Springs Road at Tualota Creek
- 3. Pechanga Creek at Pala Road
- 4. Van Gaale Lane, 210 feet north of Pomerol Street (Thomas Bros. Guide, p. 929, Grid C-1 and C-2)

## **ILLICIT DISCHARGE DETECTION AND ELIMINATION**

- 6) Summary of Illicit Discharge Monitoring Program results, including: 1) All inspection, field screening, and analytical monitoring results; 2) All follow-up and elimination activities; and 3) Any proposed changes to station locations and/or sampling frequencies:**

IC/ID dry weather monitoring was not required during the first year of the Permit. The County will conduct monitoring for the Fiscal Year 2005/2006 Annual Report.

# ILLICIT DISCHARGE DETECTION AND ELIMINATION

## **7) An assessment of overall program effectiveness based on the measurable Goals established in the Permittee's Individual SWMP:**

This information will be provided in the FY 2005/2006 Annual Report.

## **8) Additional Comments/Information:**

### **Describe the major accomplishments of the Illicit Discharge Detection and Elimination Component over the past year:**

The County has worked internally, with the District and other Permittees to strategically locate the appropriate IC/ID locations. Also, the County working with the District is developing IC/ID Procedures for the monitoring and reporting program.

The Transportation's Highway Operations Division and Construction Inspectors participate in the ICID program. Employees in these Divisions are trained and asked to become aware of any illicit connections or illegal discharges during routine road inspections and/or project inspections. A reporting procedure has been developed for staff to document their findings. Visual monitoring occurs year round as part of the normal routine maintenance activities assigned to the Highway Operation Division.

### **Summarize the internal and external education and outreach activities the Illicit Discharge Detection and Elimination Component has conducted over the past year:**

The County has developed a core group of staff that will assist with implementation of this program. District and County staff have held meetings over the fiscal year developing portions of the IC/ID Program. These meetings will continue in order to fully develop the programs and assist staff with gaining experience with this new task. Additional staff equipment and training are anticipated during the upcoming year.

During field investigations, County staff and/or their consultants disseminate public education and outreach materials to assist with educating property owners, businesses and the general public on pollution prevention issues.

### **Summarize new activities or improvements to be implemented next year as a result of your self assessment of the Illicit Discharge Detection and Elimination Component:**

This element is not required during the Fiscal Year 2004/2005 Annual Report. To be reported in the upcoming Annual Report for Fiscal Year 2005/2006.

## PROPOSED REVISIONS

**1) A description of efforts to include the public urban runoff management programs during the reporting period (i.e., river clean-ups, volunteer monitoring, Permittee council meetings related to the SWMP, etc.):**

During the development of the Watershed SWMP & Individual SWMP, the County/District and Permittees included the following process to incorporate public involvement by all interested parties in the development of the Individual and Watershed SWMP included:

- a) A Public Notice issued on May 6, 2005, in both the Press Enterprise and the Californian, stating that the Permittees were preparing to develop the SWMP and were requesting public comment.
- b) A second Public Notice published on May 20, 2005 in both the Press Enterprise and the Californian, notifying the public of the completion of the draft SWMP, indicating where the draft SWMP could be accessed and requesting their input on the draft SWMP by June 22, 2005.
- c) A publicly noticed workshop (May 20<sup>th</sup>) on June 8, 2005 to discuss the Public Review Draft SWMP at the Murrieta City Hall's Council Chambers in Murrieta, during which San Diego Regional Board staff was in attendance.
- d) A public notice on the County of Riverside web-site. The web-site was updated to include the public notices and also provided a link to the County SWMP and Watershed SWMP documents for review by the public.

Other public involvement programs included:

- a) Technical Advisory Committee meetings held on a monthly basis and which are open to the public.
- b) Watershed Clean-up events held on September 25, 2004.

**2) Additional Comments/Information:**

**Assessment of overall program effectiveness based on the measurable goals established in the Permittee's Individual SWMP: Not applicable to the first annual report:**

An assessment is not required during the first Annual Report. One will be included in the Annual Report for FY 2005/2006.

**Describe the major accomplishments of the Public Participation Component over the past year:**

The Public Education Program has benefited from a new partnership with the County Environmental Health Department. This partnership provides violators of the State Health and Safety Code and/or Stormwater with the opportunity to reduce

## PROPOSED REVISIONS

finances by participating in a Supplement Environmental Project (SEP) coordinated the MS4 public education program. Two SEPs have been completed. The first SEP was used to develop a set of posters identifying proper BMPs for refuelers and gas station operators. The second SEP was used to fund a billboard adjacent to the 60 Freeway to advertise the MS4 permittees 1-800 number. Additional SEPs will be coordinated as the opportunity arises.

**Summarize the internal and external education and outreach activities the Public Participation Component has conducted over the past year: (see Education Form - Section I)**

Other outreach activities and Public Participation program activities are discussed in the Watershed SWMP.

Summarize new activities or improvements to be implemented next year as a result of your self assessment of the Public Participation Component:

The assessment of public participation has not been conducted this fiscal year. One will be conducted for the FY 2005/2006 Annual Report.

**Fiscal Analysis Component - each Permittee shall include an annual fiscal analysis, for each fiscal year covered by Order No. R9-2004-001, in its Individual Annual Report. This analysis shall evaluate the expenditures (such as capital, operation and maintenance, education, and administrative expenditures) necessary to accomplish the activities of the Permittee's Individual SWMP. The analysis shall include the following:**

- 1) A report of the previous reporting period's budget and a budget for the upcoming reporting period. To the extent possible, the budgets should be broken down by the following programs:

Program Element	Fiscal Year 2004/2005		Fiscal Year 2005/2006	
	Capital Expenditures	O&M/Admin Expenditures	Capital Expenditures	O&M/Admin Expenditures
Program Management	N/A	100,000	N/A	110,000
Annual Fee for MS4 NPDES Permit	N/A	30,000	N/A	32,000
Implementation Agreement Shared Cost	N/A	77,000	N/A	90,000
Construction Inspections	N/A	485,000	N/A	500,000
Development Planning	N/A	30,000	N/A	30,000

## PROPOSED REVISIONS

Industrial and Commercial Inspections	N/A	345,000	N/A	375,000
Illicit Connections & Illegal Discharges Program	N/A	1,300,000	N/A	1,500,000
Municipal Facilities and Activities	7,191,927		7,300,000	
Sedimentation/Erosion Control SWPPPs for Maintenance				
Litter Clean Up Program		785,900		800,000
Street Sweeping		347,700		360,000
Public Education & Outreach	N/A	Watershed Program RCFCD	N/A	Watershed Program RCFCD
Monitoring Program	N/A	Watershed Program RCFCD	N/A	Watershed Program RCFCD
Other				
<b>Total</b>	<b>\$ 7,191,927</b>	<b>\$ 3,500,600</b>	<b>\$ 7,300,000</b>	<b>\$ 3,797,000</b>

## PROPOSED REVISIONS

A description of the source(s) of funds that were utilized during the previous fiscal year and the source(s) of funds proposed to meet the necessary expenditures for the subsequent year, including legal restrictions on the use of such funds.

Source of Funds	Capital Expenditures	O & M/Admin Expenditures	Percent of Total Program Funding	Restrictions on Use (If Applicable)
Construction Inspection	N/A	485,000	Unknown	Revenues utilized for construction site inspections
County Service Area 152	N/A	347,000	Unknown	Revenues to be utilized for street sweeping services.
Gas Tax	7,190,000	N/A	Unknown	Revenues to be used for road maintenance activities within the County Maintained Road System.
Lighting & Landscape Maintenance Districts (LLMD)	N/A	N/A	Unknown	Revenues used solely for designated areas within LLMDs. BMPs are included within new developments.
Developer fees	100%	N/A	Unknown	Revenues utilized on a project specific basis.
Capital Projects	2%	N/A	Unknown	Revenues utilized on a project specific basis.
Development Review - Deposit Based Fees	N/A	30,000	Unknown	Costs associated with the review of new development proposals in accordance with the Permit.
General Funds	N/A	1,300,000	Unknown	Revenues used for Code Enforcement activities.

### 2) Additional Comments/Information:

During FY 04/05, Transportation program activities were re-structured to provide a process to enable the reporting of staff time and expenditures in the format listed above. The development of new task codes had to be established and training conducted to staff to report costs as directed for permit compliance. It is anticipated that expenditures as listed above will be made available during the annual report for FY 05/06.



## PROPOSED REVISIONS

**Permittees shall report on any discharge category listed in Requirement B.2 of Order No. R9-2004-001 that was identified as a source of pollutants during the reporting period. For each identified category, the Permittee shall report whether it elected to prohibit the discharge or to require BMPs to reduce pollutants in the discharge to the MEP. If the discharge is not prohibited, the BMPs that will be implemented, or required to be implemented, shall be described in each Permittee's Individual SWMP Annual Report.**

Category	Prohibited	BMP to be Implemented
Diverted stream flows	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Not Applicable
Rising ground waters	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Not Applicable
Uncontaminated ground water infiltration [as defined at 40 CFR 35.2005(20)] to MS4s	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Not Applicable
Uncontaminated pumped ground water	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Not Applicable
Foundation drains	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Not Applicable
Springs	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Not Applicable
Water from crawl space pumps	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Not Applicable
Footing drains	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Not Applicable
Air conditioning condensation	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Not Applicable
Flows from riparian habitats and wetlands	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Not Applicable
Water line flushing	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Not Applicable
Landscape irrigation	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Not Applicable
Discharges from potable water sources not subject to NPDES Permit No. CAG679001, other than water main breaks	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Not Applicable
Irrigation water	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Not Applicable
Lawn watering	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Not Applicable
Individual residential car washing	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Not Applicable
Non-emergency fire fighting flows	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Not Applicable
Dechlorinated swimming pool discharges	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Not Applicable

**This section includes the report required pursuant to Requirement C.2.a. of Order No. R9-2004-001, if applicable.**

## PROPOSED REVISIONS

**Requirement C.2.a. states:**

**“Upon a determination by either a Permittee or the SDRWQCB that MS4 discharges are causing or contributing to an exceedance of an applicable water quality standard, the Permittee shall promptly notify and thereafter submit a report to the SDRWQCB that describes BMPs that are currently being implemented and additional BMPs that will be implemented to prevent or reduce any pollutants that are causing or contributing to the exceedance of water quality standards. The report may be incorporated in the SWMP Annual Report unless the SDRWQCB directs an earlier submittal. The report shall include an implementation schedule. The SDRWQCB may require modifications to the report.”**

The County relies on the Principal Permittee (District) to conduct and analyze the water quality monitoring program. The District advises the Permittee's of any pollutants of concern that have been identified. At this time, the District has not identified any pollutants that are contributing to an exceedance of an applicable receiving water standard. A detailed review of monitoring data is included in the Watershed SWMP Annual Report.

**This section is a summary of all urban runoff related data not included in the annual monitoring report (e.g., special investigations).**

The County did not undertake any supplemental data collection beyond that which is reported in the Annual Monitoring Report.

**This section includes proposed revisions to the Individual SWMP, including areas in need of improvement based on the assessment of effectiveness of each program component.**

The programs described in the Riverside County SWMP were implemented in accordance with the Permit requirements (implementation commence by July 14, 2005). The County is preparing a response to the Regional Board's Individual SWMP letter dated September 28, 2005. The County's response will include the following:

1. Revision to the Construction Section. Per the comments contained within this report, the SWMP will be modified to include minimum BMPs and a certified copy of the Grading Ordinance revision.
2. Commercial/Industrial Facilities Program – The County will propose a program to develop an inventory of facilities outside of the existing CAP Program. In addition, an inspection program will be proposed in accordance with the Permit requirements.