

OCEANO COMMUNITY SERVICES DISTRICT

**STORM WATER
MANAGEMENT PLAN**

December 1, 2008



**Wallace Group
612 Clarion Court
San Luis Obispo, CA 93401**

STORM WATER MANAGEMENT PLAN

1.0 Background

The United States Environmental Protection Agency (EPA) expanded existing Phase I Storm Water Programs to include small District separate storm sewer operators (MS4). This program is known as the *National Pollutant Discharge Elimination System (NPDES)* Phase II Final Rule.

The State Water Regional Control Board (SWRCB) determined that Oceano is subject to the NPDES Phase II Final Rule requirements because of tourism and a “high population density” of at least 1,000 people per square mile. As of the 2000 census, Oceano’s population density was 4,774 people per square mile, with a total population of 7,260.

Oceano Community Services District (Oceano CSD) is a public agency that provides specific services; fire, street lighting, sewer, water and solid waste management. In addition to these prescribed services, Oceano CSD is responsible for stormwater management at their district office, fire station, parking lot, maintenance yard and two stormwater basins (See Facility Map on page 7). However, the County retains responsibility for storm water, planning, land use, grading, building permits, and roads within the district boundaries.

2.0 Management Resources

Oceano CSD is governed by a five member body, known as the Board of Directors, serving terms of four (4) years. The Board is elected at large by the electorate within the Oceano CSD boundaries. The Board establishes policy, sets goals and objectives, approves the annual budget, approves expenditures and performs other related functions.

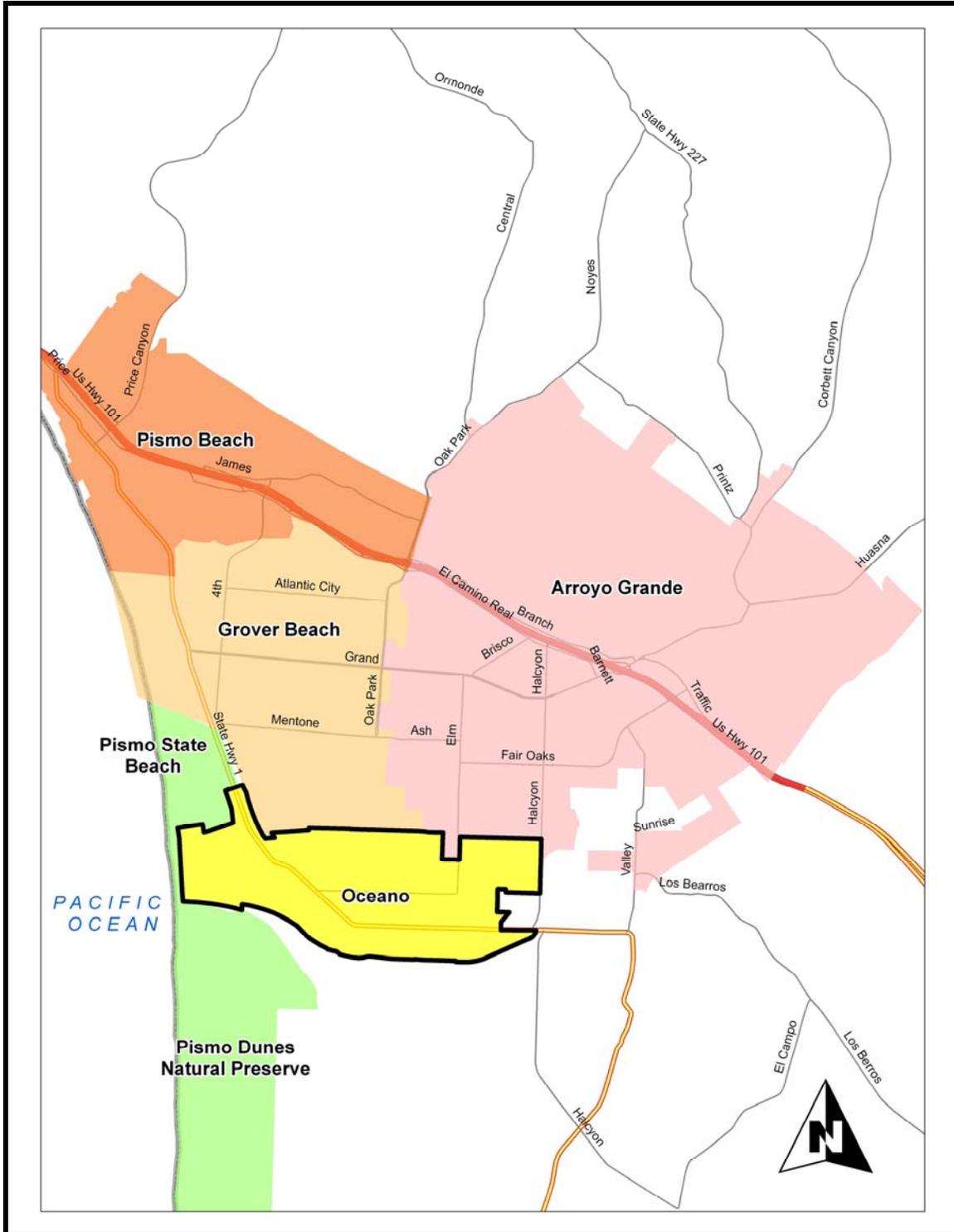
Oceano CSD Board of Directors appoints a General Manager responsible for day to day operations. The General Manager will be responsible for coordinating and implementing the Storm Water Management Plan (SWMP) with funds allocated by the Board of Directors.

3.0 Fiscal Resources

Oceano CSD water and wastewater services are “fee for services”. Existing Best Management Practices (BMP) are subsidized from these fees. Oceano CSD intends to coordinate efforts and resources with the County of San Luis Obispo, neighboring cities of Arroyo Grande and Grover Beach, Lucia Mar School District, non-profit and volunteer organizations to minimize the fees associated with implementing the Storm Water Management Plan.

4.0 Vicinity Map

The Community of Oceano lies within the unincorporated, coastal area of San Luis Obispo County, just South of Grover Beach, West of Arroyo Grande and East of Pismo State Beach.



5.0 Phase II Final Rule Overview

Phase II Final Rule, requires that operators of small District separate storm sewer systems (MS4) design a Storm Water Management Plan (SWMP) to:

- Reduce the discharge of pollutants to the “maximum extent practicable”
- Protect water quality
- Satisfy the appropriate water quality requirements of the Clean Water Act.

In order to meet these requirements, the EPA developed six minimum control measures to be included in the Storm Water Management Plan.

1. Public Education and Outreach
2. Public Participation and Involvement
3. Illicit Discharge Detection and Elimination
4. Construction Site Runoff Control
5. Post-Construction Runoff Control
6. Pollution Prevention / Good Housekeeping

6.0 County and CSD Storm Water Management Responsibilities

San Luis Obispo County’s Storm Water Management Plan, Table 1.2 limits Oceano CSD storm water responsibilities to only two of the six Minimum Control Measures (MCM).

Table 1.2. County and CSD Stormwater Management Responsibilities

CSD	MCM1 Public Education & Outreach	MCM2 Public Participation & Involvement	MCM3 Illicit Discharge Detection & Elimination	MCM4 Construction Site Runoff Control	MCM5 Post- Construction Stormwater Management	MCM6 Pollution Prevention Good House- keeping for Municipal Operations
Oceano	County	County	County except for water and waste- water services	County	County	County for roads and all other County owned facilities. OCSD for OCSD owned facilities.

MCM3 - Illicit Discharge Detection and Elimination for water and wastewater

MCM6 - Pollution Prevention / Good Housekeeping for OCSD owned facilities.

The County of San Luis Obispo retains jurisdiction over all other aspects of storm water management within Oceano CSD. This limited responsibility does not preclude Oceano CSD from coordinating with other private or public organization’s to fulfill the goals of storm water management. Oceano CSD will encourage and assist, whenever practical, other’s efforts to improve *Public Education, Outreach, Participation and Involvement.*

7.0 Storm Water Management Control Measures

1. Public Education and Outreach

These functions are performed by the County of San Luis Obispo, public agencies, non-profits and other volunteer organizations. Public education efforts aim to project information to the audience, while the goal of a public participation is to encourage volunteerism, public comment, input on policy, and activism in the community. The County of San Luis Obispo has produced a set of public outreach materials for distribution to Oceano residents and has made public appearances to local schools and community groups.

2. Public Participation and Involvement

These functions are performed by the County of San Luis Obispo, public agencies, non-profits and other volunteer organizations. The minimum requirements of Public Participation / Involvement are to provide opportunities for citizens to participate in program development and implementation, including effectively publicizing public hearings and/or encouraging citizen representatives on a storm water management panel

3. Illicit Discharge Detection and Elimination

The minimum requirements of Illicit Discharge Detection and Elimination are to develop and implement a plan to detect and eliminate illicit discharges to the storm sewer system. The County will be the enforcement authority for Best Management Practices (BMP)¹ as outlined in their SWMP.

Oceano CSD will be responsible for Illicit Discharge Detection and Elimination from their facilities, including the water and wastewater systems.

4. Construction Site Runoff Control

These functions are performed by the County of San Luis Obispo. The minimum requirements of construction Site Runoff Control are to develop, implement, and enforce an erosion and sediment control program for construction activities that disturb one or more acres of land.

Oceano CSD does not issue or enforce construction permits. The District must submit permit applications to the County for District construction projects. Therefore, the District has not included any new BMPs in the SWMP. BMPs for Construction Site Runoff Control will be represented in the County of San Luis Obispo's SWMP.

5. Post-Construction Runoff Control

¹ Policies or practices that prevent, reduce, or mitigate the impacts of storm water runoff. These methods can be structural (e.g., basins) or non-structural (e.g., policies). BMPs classified as "non-structural" are behavioral changes rather than engineered changes.

These functions are performed by the County of San Luis Obispo. The minimum requirements for Post-Construction Runoff Control are to develop, implement, and enforce programs to address discharges of post-construction storm water runoff from new development and redevelopment areas. Applicable controls could include preventative actions such as protecting sensitive areas (e.g. wetlands) or the use of structural BMP such as grassed swales or porous pavement.

Oceano CSD does not issue or enforce construction permits. The District must submit permit applications to the County for District construction projects. Therefore, the District has not included any new BMP in the SWMP. BMP for Post-Construction Runoff Control will be presented in the County of San Luis Obispo's SWMP.

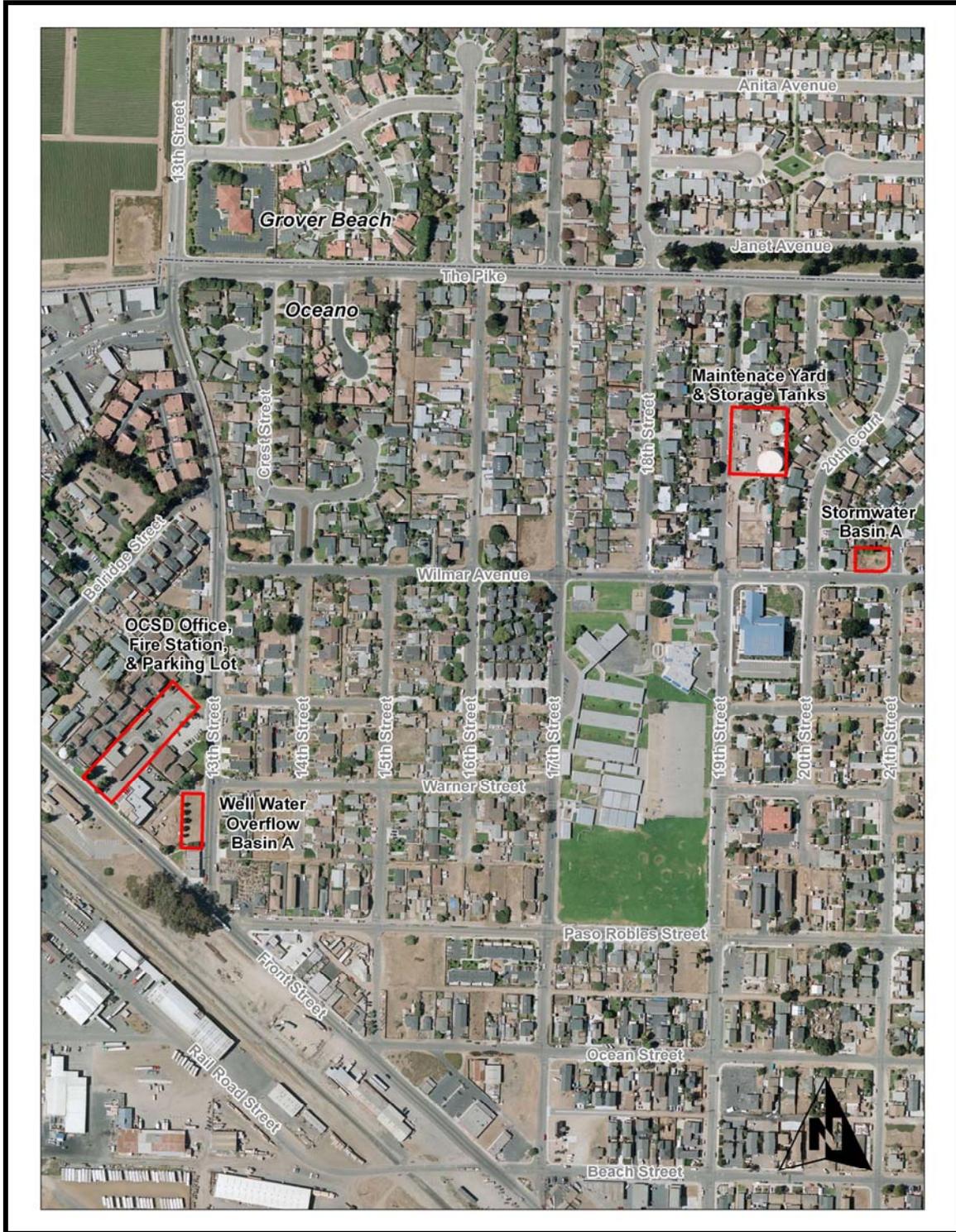
6. Pollution Prevention / Good Housekeeping

Oceano CSD provides Pollution Prevention and Good Housekeeping by implementing Best Management Practices (BMP) for their facilities. These facilities include;

- One stormwater basins
- One well water overflow basin
- The District Office and Fire Station
- Maintenance yard
- Water and wastewater systems

See Facility Map and Minimum Control Measures on following pages

8.0 Facility Map



9.0 Minimum Control Measures

1. Public Education and Outreach (PE)					
ID #	Best Management Practices	BMP Objective	Measurable Goals	Timetable	Implemented by:
PE1	Cooperate with the County of San Luis Obispo, other agencies and groups to distribute outreach materials, when practical, in Oceano CSD scheduled mailings.	To share resources and reduce the source of storm water pollutants by distributing printed materials.	The CSD will include County (other agency) produced stormwater brochures to CSD water service customers.	Coordinate with County's 5 year plan	Administrative Staff
PE2	Provide links to county website storm water information.	Provide another way to inform the public about storm water prevention	Oceano CSD adds link to County website during update.	Implement with 2008 / 2009 website update	Administrative Staff
2. Public Participation and Involvement (PP)					
ID #	Best Management Practices (BMP)	BMP Objective	Measurable Goals	Timetable	Implemented by:
PP1	Cooperate with County, other agencies and groups to promote public participation in Coastal Cleanup Day and Creek Cleanups.	Promote community support for SWMP and to reduce pollution from litter, trash, and illegal dumping.	Keep apprised of SLO County Partners for Water Quality meetings and participate in local clean-up days.	Coordinate with SLO county's 5 year plan	Administrative Staff
PP2	Post signs at storm water basin with County hotline asking for public assistance in reporting pollution threats and illicit discharges.	To give the public the opportunity to be proactive in stopping storm water pollution and inhibit polluters by posting possible penalties.	Coordinate with county and CDF on enforcement and clean-up procedures in the event of an illicit discharge to the basins.	Implement 2009 / 2010 fiscal year.	Administrative Staff
3. Illicit Discharge Detection and Elimination (IL)					
ID #	Best Management Practices (BMP)	BMP Objective	Measurable Goals	Timetable	Implemented by:
IL1	Develop Sanitary Sewer Overflow Plan as part of Sewer System Management Plan (SSMP).	To reduce pollutants in storm water runoff from sanitary sewer overflows and spills from Oceano CSD operated water and wastewater systems.	Log sanitary sewer overflows, responses and time to implement corrective and preventive measures.	2009	Administrative Staff and Maintenance Staff
IL2	Develop a plan to help reduce the risk of spills and improve response and cleanup when they occur in the maintenance yard.	To reduce pollutants in storm water runoff from maintenance yard and above ground storage tank.	Track hazardous spills and implement standard clean-up procedures plus corrective and preventive measures	Implement in 2008 / 2009 fiscal year.	Administrative Staff, Fire Department and Maintenance Staff.
4. Construction Site Runoff					
ID #	Best Management Practices (BMP)	BMP Objective	Measurable Goals	Timetable	Implemented by:
Oceano CSD does not issue or enforce construction permits. These functions are performed by the County of San Luis Obispo. The District must submit permit applications to the County for District construction projects. Therefore, the District has not included any new BMPs in the SWMP. BMPs for Construction Site Runoff Control will be presented in the County of San Luis Obispo's SWMP.					

9.0 Minimum Control Measures (continued)

5. Post Construction Runoff Control					
ID #	Best Management Practices (BMP)	BMP Objective	Measurable Goals	Timetable	Implemented by:
Oceano CSD does not issue or enforce construction permits. These functions are performed by the County of San Luis Obispo. The District must submit permit applications to the County for District construction projects. Therefore, the District has not included any new BMPs in the SWMP. BMPs for Post-Construction Runoff Control will be presented in the County of San Luis Obispo's SWMP.					
6. Pollution Prevention / Good Housekeeping (GH)					
ID #	Best Management Practices (BMP)	BMP Objective	Measurable Goals	Timetable	Implemented by:
GH1	Monitor hazardous materials storage and spill prevention procedures to avoid entrance into County storm water systems from Oceano CSD facilities.	To reduce the possibility of pollutants entering County storm water system.	Include checks list for proper hazardous materials storage and spill prevention.	Implement in 2008 / 2009 fiscal year.	Maintenance Staff
GH2	Develop procedures to prevent maintenance yard storm water runoff pollution from vehicle washing and fuel dispensing.	To prevent storm water runoff pollution from District vehicle washing, fuel dispensing and maintenance facilities.	Inspect for compliance on an ongoing basis. Include frequency and document.	Implement in 2008 / 2009 fiscal year.	Maintenance Staff
GH3	Develop procedures to prevent water line and hydrant flushing that might impact storm water runoff, including water discharged during flushing activities associated with line disinfections.	To prevent flushing runoff pollution from maintenance related line and hydrant flushing.	Develop a flow chart for line and hydrant flushing to use as a determination for the disposal of chlorinated water.	Implement in 2009 / 2010 fiscal year.	Maintenance Staff and Fire Department
GH4	Develop basin maintenance tasks and schedule to reduce basin impact to storm water systems	Through quarterly inspections, non-storm water discharges can be discovered and subsequently stopped, maintenance needs can be identified, pollutants and erosion problems can be detected.	Develop a quarterly basin maintenance checklist to help identify any visual pollutants and erosion problems that can be detected and eliminated.	Implement in 2008 / 2009 fiscal year.	Maintenance Staff
GH5	Conduct Oceano CSD facility Stormwater Pollution Prevention inspections including, but not limited to Oceano CSD office, fire station, maintenance yard, vehicle and service equipment.	To reduce pollutants in stormwater runoff from Oceano CSD facilities.	Develop and use an annual self-inspection checklist for district facilities. Identify any visual pollutants or erosion problems that can be detected and eliminated prior to the wet season. If the problem will be recurring, add/track it on the checklist so that it can be modified prior to each wet season.	Implement in 2009 / 2010 fiscal year.	Administrative Staff and Maintenance Staff

GH6	Store vehicle and maintenance equipment on a CSD facility designated area that protects the stormwater system from vehicle and equipment leaks and spills	To prevent stormwater runoff pollution from District vehicle and equipment leaks and spills.	Include checks for vehicle and equipment leak / spill prevention on the inspection checklist described in GH5 above.	Implement in 2008 / 2009 fiscal year.	Maintenance Staff
6. Pollution Prevention / Good Housekeeping (GH)					
ID #	Best Management Practices (BMP)	BMP Objective	Measurable Goals	Timetable	Implemented by:
GH7	Develop a training program for employees that incorporate an overview of spill prevention and the Storm Water Management Plan.	To help Oceano CSD employees understand the purpose and benefit of the local and county Storm Water Management Plan	Annual district employee training programs should be designed to teach staff about potential sources of stormwater contamination and ways to minimize the water quality impact of district activities, such as basin maintenance, hydrant line flushing, vehicle and building maintenance. Training programs should include a general stormwater awareness message, pollution prevention/good housekeeping measures, Spill Response and Prevention. Finally, District field staff should be trained annually to recognize, track, and report illicit discharges. Self-inspection facility checklist will help determine the effectiveness of training.	Begin in 2008 / 2009 and implement in 2009 / 2010 fiscal year Annually thereafter or more often as needed	Administrative Staff and Maintenance Staff