

# 2006-07 City of Eureka SWMP Report

This report covers activities that occurred between the following dates:

**6/1/2005 to 6/30/2007**

Date Report Prepared: 9/30/2008

For questions regarding this report contact:

Miles Slattery  
531 K Street  
Eureka, CA 95501

Stormwater Program Permit Information	
<b>1. Permitting Authority:</b> North Coast Regional Water Quality Control Board	
<b>2. Permit Number:</b> CA	<b>3. Permit Type:</b> NPDES
<b>4. Permit Name:</b> City of Eureka Stormwater Management Plan	
<b>5. Date Issue:</b> 7/1/2006	<b>6. Date Expire:</b> 6/30/2011

General Information for MS4 Operator	
<b>1. Operator Name:</b>	Mike Knight
<b>2. Operator Title:</b>	Assistant City Manager / Operations
<b>3. Represented Entity:</b>	City of Eureka
<b>4. Mailing Address:</b>	531 K Street
<b>5. Mail City, State, Zip:</b>	Eureka, CA 95501
<b>6. Phone Number:</b>	(707) 441-4207
<b>7. E-Mail Address:</b>	mknight@ci.eureka.ca.gov
<b>8. Co-Permitting With:</b>	WDID # 1B03185SHUM
<b>9. Population:</b> 26,128	<b>Households:</b> 7,901 <b>Area (sq mi):</b> 10
<b>10. Official Website:</b>	www.eurekastormwater.com

General Information for Primary Contact Person	
<b>1. Name:</b>	Miles Slattery
<b>2. Title:</b>	Project Manager
<b>3. Phone Number</b>	(707) 441-4184
<b>4. E-Mail Address:</b>	mslattery@ci.eureka.ca.gov

General Information for Secondary Contact Person	
<b>1. Name:</b>	Bruce Young
<b>2. Title:</b>	Deputy Public Works Director
<b>3. Phone Number</b>	(707) 441-4255
<b>4. E-Mail Address:</b>	byoung@ci.eureka.ca.gov

## General Information for Receiving Waters

**Receiving Water Lists:** Listed below are all the identified receiving waterbodies to which identified outfalls discharge.

Receiving Streams (creek, stream, river, etc.)	Receiving Waterbodies (lake, wetland, ocean, etc.)	Receiving Watersheds
Elk River is listed on the 2002 Clean Water Act Section 303(d) list for sediment.	Eureka Slough, Freshwater Slough, Ryan Slough, Fay Slough, Martin Slough and Humboldt Bay [303 (d) list for PCBs and Dioxin].	Eureka Plain Hydrologic Unit

# Public Education and Outreach

## Details of BMPs and Work Performed for Them

### Advertise the Stormwater Hotline

**Responsible Party: Miles Slattery, Project Manager**

Start Date: 7/1/2007

End Date: 6/30/2011

Has Goal Been Accomplished: NO

### Work performed for the BMP listed above

**Date: 6/1/2006**      **Responsible Party: Miles Slattery, Project Manager**

Stormwater Webpage

Advertised hotline on Eureka's Stormwater Division webpage

**Date: 6/30/2006**      **Responsible Party: NCSWC Members, Active Members**

NCSWC Webpage

Advertised hotline on NCSWC webpage (www.humboldtstormwater.com)

**Date: 8/1/2006**      **Responsible Party: Miles Slattery, Project Manager**

Business BMP Manuals

Advertised hotline on the four industry BMP manuals that are handed out to local businesses.

**Date: 9/1/2006**      **Responsible Party: Miles Slattery, Project Manager**

Construction BMP Pamphlets

Advertised the hotline on the twenty-one construction BMP pamphlets handed out to local contractors.

**Date: 10/31/2006**      **Responsible Party: Miles Slattery, Project Manager**

Yellow Pages Recycling Guide

In the 'Recycling Guide' section of the yellow pages, advertised the stormwater hotline and webpage to report stormwater issues.

**Date: 12/1/2006**      **Responsible Party: Miles Slattery, Project Manager**

Coastal Currents

Humboldt Baykeepers Fall 2006 Coastal Currents magazine published an article about the City of Eureka's Stormwater Division. The article included information about the stormwater ordinance, hotline, webpage and contact information.

**Date: 1/1/2007**      **Responsible Party: Miles Slattery, Project Manager**

Stormwater Posters

Advertised the stormwater hotline on seven posters created by the City of Eureka (Pet Watse, Cigarettes, Toxics, Oil, Fertilizer, Car Wash and a 'Report It' poster) that will be distributed to local businesses, city facilities and other offices throughout the City.

**Date: 2/7/2007**      **Responsible Party: Miles Slattery, Project Manager**

KHUM 104.3 Coastal Currents

Miles was a guest on Humboldt Baykeepers Coastal Currents spot at noon on KHUM, 104.3 FM. He discussed the North Coast Stormwater Coalition, the City of Eureka's stormwater program and the different ways the public can report stormwater issues (Eureka's hotline and webpage).

**Date: 3/14/2007**      **Responsible Party: Miles Slattery, Project Manager**

Paving the Way for Rain Workshop

Handed out pamphlets with local stormwater hotlines printed on them at the 'Paving the Way for Rain' workshop. It was a full day workshop on permeable pavement. Morning session was an overview of permeable pavement and the four different pavement types (pervious concrete, pervious asphalt, interlocking concrete pavers and reinforced grass pavement). Afternoon session was a series of technical sessions explaining installation, cost and performance.

## Community Spring Cleanup Day

**Responsible Party:** Miles Slattery, Project Manager

Start Date: 7/1/2006

End Date: 6/30/2011

Has Goal Been Accomplished: NO

### Work performed for the BMP listed above

**Date:** 5/19/2007      **Responsible Party:** Miles Slattery, Project Manager

Inaugural City of Eureka Mayday Community Clean Up

In an effort to promote community enhancement and encourage awareness of stormwater issues, the City of Eureka sponsored a community clean up event along Eureka's waterfront. On Saturday, May 19th, volunteers met at Halverson Park, Eureka Boardwalk, Palco Marsh and Elk River Wildlife Sanctuary. Volunteers were provided trash bags and pickers, as well as refreshments. The event was advertised in the Eureka Reporter, Times Standard, KHUM, KSLG and channel 3 news.

All participants received a City of Eureka Mayday Community Clean Up sports bottle and t-shirt. After the clean up, a volunteer appreciation event was held on the Boardwalk with live music and a BBQ. During the volunteer appreciation event, an opportunity drawing was held for gift certificates provided by City of Eureka merchants.

The inaugural Mayday Community Clean Up enjoyed great success. Five local organizations and over 160 volunteers participated in the event to remove over 5,200 pounds of trash from Eureka's waterfront

## Develop & Submit Stormwater Related PSA

**Responsible Party:** Miles Slattery, Project Manager

Start Date: 7/1/2006

End Date: 6/30/2011

Has Goal Been Accomplished: NO

### Work performed for the BMP listed above

**Date:** 7/27/2006      **Responsible Party:** NCSWC Members, Active Members

Humboldt Beacon

Press release sent out to all local area newspapers. Release was printed in the July 27th Humboldt Beacon newspaper.

Notified the public about the local stormwater ordinances and programs in the area and the establishment of stormwater hotlines. The City of Eureka's, the City of Arcata's, the City of Fortuna's and Humboldt County's hotline numbers were listed.

**Date:** 12/1/2006      **Responsible Party:** Miles Slattery, Project Manager

Coastal Currents

Humboldt Baykeepers Fall 2006 Coastal Currents magazine published an article about the City of Eureka's Stormwater Division. The article included information about the stormwater ordinance, hotline, webpage and contact information.

**Date:** 5/12/2007      **Responsible Party:** Miles Slattery, Project Manager

Mayday Clean Up Radio Spots

Advertised the inaugural Mayday Clean Up event on KSLG and KHUM six times per day on each radio station from 5-12-07 to 5-18-07. The ads referenced stormwater pollution and its effects on water quality.

**Date:** 6/27/2007      **Responsible Party:** Miles Slattery, Project Manager

Times Standard

Miles had an article published in the Contractor's Guide of the Wednesday edition of the Times Standard. Discussed erosion and sediment control. Promoted erosion control as 90% effective, but must be used in conjunction with sediment control (article attached).

## Develop Construction Pamphlets

**Responsible Party:** Miles Slattery, Project Manager

Start Date: 7/1/2007

End Date: 6/30/2008

Has Goal Been Accomplished: YES

### Work performed for the BMP listed above

**Date:** 9/1/2006      **Responsible Party:** Miles Slattery, Project Manager

Construction Pamphlets

Developed 19 construction BMP pamphlets to be distributed at contractor workshops, pre-construction meetings and construction site inspections. They include information about the stormwater ordinance and the stormwater program. Each pamphlet describes a BMPs installation, maintenance, effectiveness and limitations.

## Develop Stormwater Web Site

**Responsible Party:** Miles Slattery, Project Manager

Start Date: 7/1/2006

End Date: 6/30/2011

Has Goal Been Accomplished: NO

### Work performed for the BMP listed above

**Date:** 3/15/2006      **Responsible Party:** Bruce Young, Deputy Public Works Director

Webpage

Created Storm Water Division webpage ([http://www.ci.eureka.ca.gov/depts/pw/storm\\_water.asp](http://www.ci.eureka.ca.gov/depts/pw/storm_water.asp)).

**Date:** 4/1/2006      **Responsible Party:** Miles Slattery, Project Manager

Stormwater Logo

Created Storm Water Division logo and moto, 'Finding Solutions to Storm Water Pollution'. Inserted new logo on front page of webpage.

**Date:** 5/1/2006      **Responsible Party:** Miles Slattery, Project Manager

SWMP Link

Created link to the SWMP.

**Date:** 5/15/2006      **Responsible Party:** Miles Slattery, Project Manager

FAQs Link

Created link to FAQs.

**Date:** 6/1/2006      **Responsible Party:** Bruce Young, Deputy Public Works Director

Household BMP Links

Created 8 links to household BMPs (storm water information, storm drain pollution and you, home maintenance tips, car care, landscaping and gardening, paints and solvents, home repair and remodeling, and pest control tips)

**Date:** 6/15/2006      **Responsible Party:** Miles Slattery, Project Manager

Stormwater Hotline Link

Created link to report storm water issues. Complaints are received directly by Miles Slattery via Public Works Trakit Software.

**Date:** 7/1/2006      **Responsible Party:** Miles Slattery, Project Manager

Local Recycling Page Link

Created link to local county recycling program.

**Date:** 7/17/2006      **Responsible Party:** Miles Slattery, Project Manager

Stormwater Basin and Outfall Links

Created link to a map of the City of Eureka's drainage basins and storm water outfalls.

**Date:** 8/1/2006      **Responsible Party:** Miles Slattery, Project Manager

Business BMP Links

Created four links to business BMPs (restaurant and food industry, auto industry, timber product industry and gas stations).

**Date: 9/15/2006**      **Responsible Party: Miles Slattery, Project Manager**  
Construction BMP Links  
Created three construction BMP links (erosion control, sediment control and pollution prevention).

**Date: 1/2/2007**      **Responsible Party: Miles Slattery, Project Manager**  
Stormwater Ordinance Link  
Created link to Stormwater Management and Discharge Control Ordinance.

**Date: 6/4/2007**      **Responsible Party: Miles Slattery, Project Manager**  
Bought www.eurekastormwater.com Domain  
Bought the www.eurekastormwater.com domain address for easier use in advertising.

**Date: 6/25/2007**      **Responsible Party: Riley Topolewski, GIS Coordinator**  
Interactive GIS Link  
Added link to our interactive GIS webpage.

### **Distribute Stormwater Educational Materials**

**Responsible Party: Miles Slattery, Project Manager**

Start Date: 7/1/2006

End Date: 6/30/2011

Has Goal Been Accomplished: NO

### **Work performed for the BMP listed above**

**Date: 8/12/2006**      **Responsible Party: Miles Slattery, Project Manager**  
Humboldt County Fair

Booth set up at Humboldt County Fair focusing on stormwater issues, waste reduction and recycling. Handed out informational pamphlets, posters, and children's coloring books. Provided information about local area stormwater programs as well as hotline numbers.

**Date: 1/1/2007**      **Responsible Party: Miles Slattery, Project Manager**  
Posters at City Facilities

Provided City of Eureka Stormwater Division stormwater flyers and 'Report It' posters for the Adorni Center, first and third floor of City Hall and the Wharfinger building. Had administrative assistants at each location take Miles' phone number to notify when flyers run out.

**Date: 3/14/2007**      **Responsible Party: Miles Slattery, Project Manager**  
Paving the Way for Rain Workshop

Handed out stormwater brochures and construction related education material at the 'Paving the Way for Rain' workshop. It was a full day workshop on permeable pavement. Morning session was an overview of permeable pavement and the four different pavement types (pervious concrete, pervious asphalt, interlocking concrete pavers and reinforced grass pavement). Afternoon session was a series of technical sessions explaining installation, cost and performance.

### **Educational Materials to Industrial & Commercial Businesses**

**Responsible Party: Miles Slattery, Project Manager**

Start Date: 7/1/2006

End Date: 6/30/2011

Has Goal Been Accomplished: NO

### **Work performed for the BMP listed above**

**Date: 8/14/2006**      **Responsible Party: Miles Slattery, Project Manager**  
Pretreatment Program

Miles gave Justin Boyes, City of Eureka Pretreatment Coordinator, BMP manuals for Automobile, Restaurant, Gas Station and Timber industries. Justin said he would distribute them to the commercial and industrial businesses he inspects.

### **Establish Stormwater Hotline**

**Responsible Party: Miles Slattery, Project Manager**

Start Date: 7/1/2006

End Date: 6/30/2007

Has Goal Been Accomplished: YES

**Work performed for the BMP listed above**

**Date: 5/15/2006**      **Responsible Party: Miles Slattery, Project Manager**

Stormwater Hotline

Established storm water hotline - 707.441.4192. Answered by Susan Hutchison and Pearl Mendoza, Public Works Administrative Assistants.

**Identify Staff to Implement Reaches to Beaches**

**Responsible Party: Miles Slattery, Project Manager**

Start Date: 7/1/2007

End Date: 6/30/2008

Has Goal Been Accomplished: YES

**Work performed for the BMP listed above**

**Date: 12/15/2006**      **Responsible Party: Miles Slattery, Project Manager**

Spring 2007 Reaches to Beaches

Contacted Denise Newman, author of Reaches to Beaches program. She agreed to teach the class to Robert Childs college-oriented Environmental Field Biology Class at Eureka High School starting in mid-January 2007.

**Date: 6/22/2007**      **Responsible Party: Miles Slattery, Project Manager**

Spring 2008 Reaches to Beaches

Denise Newman can no longer teach the Reaches to Beaches class. Miles contacted Christina Ernst, Humboldt Baykeeper Education Coordinator. She said she is willing to work with the City of Eureka in gaining approval of the curriculum as meeting the state standards for 8th grade and high school. The City and Baykeeper will try and coordinate more classes in local middle schools and high schools. She will also work with Robert Child's class, Eureka High School, in the 2007-2008 school year.

**Implement Reaches to Beaches at Local Schools**

**Responsible Party: Miles Slattery, Project Manager**

Start Date: 7/1/2007

End Date: 6/30/2011

Has Goal Been Accomplished: NO

**Work performed for the BMP listed above**

**Date: 1/19/2007**      **Responsible Party: Miles Slattery, Project Manager**

Spring 2007 Reaches to Beaches

Contacted Denise Newman, author of Reaches to Beaches program. She agreed to teach the class to Robert Childs college-oriented Environmental Field Biology Class at Eureka High School starting on January 19, 2007.

The class is a ten week class discussing watershed and stormwater related issues. Miles was involved with some monitoring efforts in the adjacent stream to the high school. Provided pH, conductivity and dissolved oxygen meter for them to use in the field. He also brought a spectrophotometer to class to help the students analyze for nitrite, nitrate and ammonia.

After the class, the students participated in a stewardship action plan consisting of storm drain marking.

**Pet Waste Kiosks**

**Responsible Party: Miles Slattery, Project Manager**

Start Date: 7/1/2006

End Date: 6/30/2011

Has Goal Been Accomplished: NO

**Work performed for the BMP listed above**

**Date: 6/22/2007**      **Responsible Party: Miles Slattery, Project Manager**

Halverson Park

Installed a pet waste kiosk at Halverson Park. The dispenser has signage encouraging citizens to clean up after their pet.

**Poster Distribution**

**Responsible Party: Miles Slattery, Project Manager**

Start Date: 7/1/2007

End Date: 6/30/2011

Has Goal Been Accomplished: NO

**Work performed for the BMP listed above**

**Date: 2/1/2006**      **Responsible Party: Louise Jeffrey, Environmental Health**

Eureka Businesses      **Coordinator**

Todd Harper from the County distributed posters to various automobile repair, hardware and paint businesses throughout Eureka.

**Date: 8/12/2006**      **Responsible Party: Miles Slattery, Project Manager**

Humboldt County Fair

Booth set up at Humboldt County Fair focusing on storm water issues, waste reduction and recycling. Handed out informational pamphlets, posters, and children's coloring books. Provided information about local area storm water programs as well as hotline numbers.

**Date: 12/5/2006**      **Responsible Party: Miles Slattery, Project Manager**

Local Business

Miles gave Barbera Schultz (707.441.1503), animal advocate and downtown business owner, 50 'Scoop the Poop' posters. She distributed them to local waterfront businesses and posted one in her deli.

**Date: 1/1/2007**      **Responsible Party: Miles Slattery, Project Manager**

City Facilities

Provided City of Eureka Stormwater Division 'Report It' posters for the Adorni Center, first and third floor of City Hall and the Wharfinger building.

**Date: 3/19/2007**      **Responsible Party: Miles Slattery, Project Manager**

Local Resident

Handed out six copies of the six stormwater posters and the report it poster to Michelle Hasiuk in the City's Finance Department to be posted around her neighborhood businesses.

**Posters**

**Responsible Party: NCSWC Members, Active Members**

Start Date: 7/1/2006

End Date: 6/30/2007

Has Goal Been Accomplished: YES

**Work performed for the BMP listed above**

**Date: 1/1/2006**      **Responsible Party: NCSWC Members, Active Members**

Stormwater Posters

Six posters were finalized (attached) relating to pet waste, car washing, toxics, fertilizer, oil and cigarette butts.

**Date: 1/1/2007**      **Responsible Party: Miles Slattery, Project Manager**

Revised Posters

Miles revised the six stormwater posters to include City of Eureka information (hotline number, webpage and revised wording) and created a new 'Report It' poster (all attached).

**Provide Free Educational Materials**

**Responsible Party: Miles Slattery, Project Manager**

Start Date: 7/1/2007

End Date: 6/30/2011

Has Goal Been Accomplished: NO

**Work performed for the BMP listed above**

**Date: 1/1/2007**

**Responsible Party: Miles Slattery, Project Manager**

City Facilities

Provided City of Eureka Stormwater Division stormwater flyers and 'Report It' posters for the Adorni Center, first and third floor of City Hall and the Wharfinger building. Had administrative assistants at each location take Miles' phone number to notify when flyers run out.

**Date: 3/14/2007**

**Responsible Party: Miles Slattery, Project Manager**

Paving the Way for Rain Workshop

Handed out stormwater brochures and construction related education material at the 'Paving the Way for Rain' workshop. It was a full day workshop on permeable pavement. Morning session was an overview of permeable pavement and the four different pavement types (pervious concrete, pervious asphalt, interlocking concrete pavers and reinforced grass pavement). Afternoon session was a series of technical sessions explaining installation, cost and performance.

**Storm Drain Marking Events**

**Responsible Party: Miles Slattery, Project Manager**

Start Date: 7/1/2006

End Date: 6/30/2011

Has Goal Been Accomplished: NO

**Work performed for the BMP listed above**

**Date: 5/18/2007**

**Responsible Party: Denise Newman, Teacher**

2007 Reaches to Beaches

For the stewardship action plan of the Reaches to Beaches program, the students chose to mark storm drains around the Eastwood neighborhood by the high school. The students marked 9 storm drains.

**Survey Schools for Reaches to Beaches**

**Responsible Party: City of Eureka**

Start Date: 7/1/2006

End Date: 6/30/2007

Has Goal Been Accomplished: YES

**Work performed for the BMP listed above**

**Date: 4/11/2006**

**Responsible Party: Miles Slattery, Project Manager**

Spring 2007 Eureka High School Biology Class

E-mailed Robert Childs of Eureka City Schools about Reaches to Beaches Program. Forwarded him the educational material I received from RCAA, Morguine Flynn-Sousa. He said he is interested and to get a hold of him during the fall semester.

**Tracking Mechanism for Stormwater Hotline**

**Responsible Party: Miles Slattery, Project Manager**

Start Date: 7/1/2006

End Date: 6/30/2007

Has Goal Been Accomplished: YES

**Work performed for the BMP listed above**

**Date: 5/15/2006**

**Responsible Party: Miles Slattery, Project Manager**

ASIST Database

Hotline operator, Susan Hutchison and Pearl Mendoza, enters stormwater hotline complaint into the already existing Public Works' Trackit software as a stormwater issue. All stormwater issues in Trackit are forwarded to Miles Slattery, Project Manager Stormwater Division, via Trackit. Miles documents the complaint and action taken into the ASIST database. All hotline complaints are then reported using ASIST.

# Public Involvement and Participation

## Details of BMPs and Work Performed for Them

### Community Spring Cleanup Day

**Responsible Party:** *Miles Slattery, Project Manager*

Start Date: 7/1/2006

End Date: 6/30/2011

Has Goal Been Accomplished: NO

### Work performed for the BMP listed above

**Date:** *5/19/2007*      **Responsible Party:** *Miles Slattery, Project Manager*

City of Eureka Mayday Community Clean Up

In an effort to promote community enhancement and encourage awareness of stormwater issues, the City of Eureka sponsored a community clean up event along Eureka's waterfront. On Saturday, May 19th, volunteers met at Halverson Park, Eureka Boardwalk, Palco Marsh and Elk River Wildlife Sanctuary. Volunteers were provided trash bags and pickers, as well as refreshments. The event was advertised in the Eureka Reporter, Times Standard, KHUM, KSLG and channel 3 news.

All participants received a City of Eureka Mayday Community Clean Up sports bottle and t-shirt. After the clean up, a volunteer appreciation event was held on the Boardwalk with live music and a BBQ. During the volunteer appreciation event, an opportunity drawing was held for gift certificates provided by City of Eureka merchants.

The inaugural Mayday Community Clean Up enjoyed great success. Five local organizations and over 160 volunteers participated in the event to remove over 5,200 pounds of trash from Eureka's waterfront

### Coordinate Humboldt Bay First Flush Study

**Responsible Party:** *Miles Slattery, Project Manager*

Start Date: 7/1/2006

End Date: 6/30/2011

Has Goal Been Accomplished: NO

### Work performed for the BMP listed above

**Date:** *9/4/2006*      **Responsible Party:** *Miles Slattery, Project Manager*

First Flush Coordination 2006

Coordinated with Jennifer Kalt, Humboldt Baykeeper, to perform first flush sampling. Miles developed a sampling manual and forwarded it to Jennifer. She distributed the information to the volunteers. Volunteers have been briefed and are awaiting the first significant rainfall.

### Identify and Train First Flush Volunteers

**Responsible Party:** *Miles Slattery, Project Manager*

Start Date: 7/1/2006

End Date: 6/30/2011

Has Goal Been Accomplished: NO

### Work performed for the BMP listed above

**Date:** *9/15/2006*      **Responsible Party:** *Jennifer Kalt, Water Quality Coordinator*

First Flush 2006 Volunteers

Jennifer Kalt, Humboldt Baykeeper, coordinated with 23 volunteers through radio PSAs, sign-up sheets at the booth at Paddlefest and similar events, interview on the KHSU Homepage show, KHUM's weekly Coastal Currents, and blurbs in the NEC's Econews and trained them for the First Flush 2006 sampling.

### Identify Staff to Implement Reaches to Beaches

**Responsible Party:** Miles Slattery, Project Manager

Start Date: 7/1/2007

End Date: 6/30/2008

Has Goal Been Accomplished: YES

### Work performed for the BMP listed above

**Date:** 12/15/2006      **Responsible Party:** Miles Slattery, Project Manager

Spring 2007 Reaches to Beaches

Contacted Denise Newman, author of Reaches to Beaches program. She agreed to teach the class to Robert Childs college-oriented Environmental Field Biology Class at Eureka High School starting in mid-January 2007.

**Date:** 6/22/2007      **Responsible Party:** Miles Slattery, Project Manager

Spring 2008 Reaches to Beaches

Denise Newman can no longer teach the Reaches to Beaches class. Miles contacted Christina Ernst, Humboldt Baykeeper Education Coordinator. She said she is willing to work with the City of Eureka in gaining approval of the curriculum as meeting the state standards for 8th grade and high school. The City and Baykeeper will try and coordinate more classes in local middle schools and high schools. She will also work with Robert Child's class, Eureka High School, in the 2007-2008 school year.

### Implement Reaches to Beaches at Local Schools

**Responsible Party:** Miles Slattery, Project Manager

Start Date: 7/1/2007

End Date: 6/30/2011

Has Goal Been Accomplished: NO

### Work performed for the BMP listed above

**Date:** 1/12/2007      **Responsible Party:** Denise Newman, Teacher

Spring 2007 Reaches to Beaches

Miles coordinated with Denise Newman, author of Reaches to Beaches program, and Robert Childs, Eureka High School teacher, to have the curriculum taught to his field biology class. The class will be taught for 10 weeks starting 01/12/07 and include the stewardship program which may involve storm drain stenciling.

### Perform Humboldt Bay First Flush Sampling

**Responsible Party:** Miles Slattery, Project Manager

Start Date: 7/1/2006

End Date: 6/30/2011

Has Goal Been Accomplished: NO

### Work performed for the BMP listed above

**Date:** 11/3/2006      **Responsible Party:** Jennifer Kalt, Water Quality Coordinator

First Flush 2006 Event

A dry weather event was performed on 09/30/06 as a training run for the 23 volunteers. On 11/03/06, sampling occurred for First Flush 2006. Within the City of Eureka limits, McFarlan Creek, Palco Marsh, Clark Slough, Martin Slough (Campton and Fern), Target stormwater outfall and Swain Slough were sampled for, fecal coliform, nitrate (as N), orthophosphate, copper, zinc, lead, hardness, temperature, pH and conductivity. Results are under 'Linked Documents'.

### Storm Drain Marking Event

**Responsible Party:** Miles Slattery, Project Manager

Start Date: 7/1/2007

End Date: 6/30/2011

Has Goal Been Accomplished: NO

**Work performed for the BMP listed above**

**Date: 5/18/2007**      **Responsible Party: Denise Newman, Teacher**

2007 Reaches to Beaches

For the stewardship action plan of the Reaches to Beaches program, the students chose to mark storm drains around the Eastwood neighborhood by the high school. The students marked 9 storm drains.

**Storm Drain Stenciling**

**Responsible Party: Miles Slattery, Project Manager**

Start Date: 7/1/2006

End Date: 6/30/2011

Has Goal Been Accomplished: NO

**Work performed for the BMP listed above**

**Date: 5/18/2007**      **Responsible Party: Denise Newman, Teacher**

2007 Reaches to Beaches

For the stewardship action plan of the Reaches to Beaches program, the students chose to mark storm drains around the Eastwood neighborhood by the high school. The students marked 9 storm drains.

**Survey Schools for Reaches to Beaches**

**Responsible Party: Miles Slattery, Project Manager**

Start Date: 7/1/2006

End Date: 6/30/2008

Has Goal Been Accomplished: YES

**Work performed for the BMP listed above**

**Date: 4/11/2006**      **Responsible Party: Miles Slattery, Project Manager**

Spring 2007 Eureka High School Biology Class

E-mailed Robert Childs of Eureka City Schools about Reaches to Beaches Program. Forwarded him the educational material I received from RCAA, Morguine Flynn-Sousa. He said he is interested and to get a hold of him during the fall semester.

# Illicit Discharge Detection and Elimination

## Details of BMPs and Work Performed for Them

### Complete Draft Stormwater Ordinance

**Responsible Party:** Bruce Young, Deputy Public Works Director

Start Date: 7/1/2006

End Date: 6/30/2007

Has Goal Been Accomplished: YES

### Work performed for the BMP listed above

**Date:** 12/1/2005

**Responsible Party:** Bruce Young, Deputy Public Works Director

Stormwater Ordinance

Draft Stormwater Ordinance completed and finalized.

### Establish Stormwater Hotline

**Responsible Party:** Miles Slattery, Project Manager

Start Date: 7/1/2006

End Date: 6/30/2007

Has Goal Been Accomplished: YES

### Work performed for the BMP listed above

**Date:** 5/15/2006

**Responsible Party:** Miles Slattery, Project Manager

Stormwater Hotline

Established stormwater hotline - 707.441.4192. Answered by Susan Hutchison and Pearl Mendoza, Public Works Administrative Assistants.

### Forward Stormwater Complaints to Appropriate Personnel

**Responsible Party:** Miles Slattery, Project Manager

Start Date: 7/1/2007

End Date: 6/30/2011

Has Goal Been Accomplished: NO

### Work performed for the BMP listed above

**Date:** 6/30/2007

**Responsible Party:** Miles Slattery, Project Manager

2006-07 Stormwater Complaints

All stormwater complaints received in permit year 2006-2007 were forwarded to the appropriate personnel (see Citizen Call table in the MS4 Database). Complaints were forwarded to the City's Pre-Treatment Department, County Environmental Health and the Department of Fish and Game when necessary.

### GIS Web Site

**Responsible Party:** Riley Topolewski, GIS Coordinator

Start Date: 7/1/2006

End Date: 6/30/2007

Has Goal Been Accomplished: YES

### Work performed for the BMP listed above

**Date:** 6/25/2007

**Responsible Party:** Riley Topolewski, GIS Coordinator

Interactive GIS Webpage

The interactive GIS webpage was completed by Riley Topolewski. Miles inserted a link to the site on [www.eurekastormwater.com](http://www.eurekastormwater.com).

### Information on Stormwater Ordinance in PSAs

**Responsible Party: Miles Slattery, Project Manager**

Start Date: 7/1/2007

End Date: 6/30/2009

Has Goal Been Accomplished: NO

**Work performed for the BMP listed above**

**Date: 12/1/2006**      **Responsible Party: Miles Slattery, Project Manager**

Coastal Currents

Humboldt Baykeepers Fall 2006 Coastal Currents magazine published an article about the City of Eureka's Stormwater Division. The article included information about the stormwater ordinance, hotline, webpage and contact information.

**Date: 2/7/2007**      **Responsible Party: Miles Slattery, Project Manager**

KHUM 104.3 Coastal Currents

Miles was a guest on Humboldt Baykeepers Coastal Currents spot at noon on KHUM, 104.3 FM. He discussed the North Coast Stormwater Coalition, the City of Eureka's stormwater program and the different ways the public can report stormwater issues (Eureka's hotline and webpage).

**Inspections of Permitted Industrial Dischargers and Complaint Response**

**Responsible Party: Miles Slattery, Project Manager**

Start Date: 7/1/2007

End Date: 6/30/2011

Has Goal Been Accomplished: NO

**Work performed for the BMP listed above**

**Date: 6/30/2007**      **Responsible Party: Miles Slattery, Project Manager**

2006-07 Pre-Treatment Coordination

Coordinated with City's Pre-Treatment Coordinator and the County Division of Environmental Health during 2006-2007 permit year on all issues related to stormwater. Anytime Justin Boyes, Eureka Pre-Treatment Coordinator, and John Verbeck and Vicki Lore, County Environmental Health, came across stormwater issues in their inspections in the City limits they contacted me. We responded with a second inspection and informed the businesses about the ordinance and BMPs to prevent stormwater pollution (see Citizen Call table in MS4 Database).

**Oversee Enforcement of Stormwater Ordinance**

**Responsible Party: Miles Slattery, Project Manager**

Start Date: 7/1/2007

End Date: 6/30/2011

Has Goal Been Accomplished: NO

**Work performed for the BMP listed above**

**Date: 6/30/2007**      **Responsible Party: Miles Slattery, Project Manager**

2006-07 Enforcement

All stormwater complaints were responded to during the 2006-2007 permit year. Each complaint was documented in the Citizen Call table of the MS4 Database.

**Present Stormwater Ordinance**

**Responsible Party: Bruce Young, Deputy Public Works Director**

Start Date: 7/1/2007

End Date: 6/30/2008

Has Goal Been Accomplished: YES

**Work performed for the BMP listed above**

**Date: 1/17/2006**      **Responsible Party: Bruce Young, Deputy Public Works Director**

Stormwater Ordinance

City Council adopted Stormwater Ordinance.

### **Review Stormwater Ordinance**

**Responsible Party:** David Tranberg, City Attorney

Start Date: 7/1/2006

End Date: 6/30/2007

Has Goal Been Accomplished: YES

### **Work performed for the BMP listed above**

**Date:** 1/11/2006      **Responsible Party:** David Tranberg, City Attorney

Stormwater Ordinance

Reviewed by David Tranberg, City Attorney, and Brent Siemer, City Engineer. Revised by Mike Knight.

### **Track All Stormwater Complaints**

**Responsible Party:** Miles Slattery, Project Manager

Start Date: 7/1/2007

End Date: 6/30/2011

Has Goal Been Accomplished: NO

### **Work performed for the BMP listed above**

**Date:** 5/15/2006      **Responsible Party:** Miles Slattery, Project Manager

2006-07 Complaint Tracking

Hotline operator, Susan Hutchison and Pearl Mendoza, enters stormwater hotline complaint into the already existing Public Works' Trackit software as a stormwater issue. All stormwater issues in Trackit are forwarded to Miles Slattery, Project Manager Stormwater Division, via Trackit. All stormwater complaints entered via the webpage are automatically forwarded to Trakit. Miles documents the complaint and action taken into the ASIST database. All stormwater complaints are then reported using ASIST.

### **Tracking Mechanism for Stormwater Hotline**

**Responsible Party:** Miles Slattery, Project Manager

Start Date: 7/1/2006

End Date: 6/30/2007

Has Goal Been Accomplished: YES

### **Work performed for the BMP listed above**

**Date:** 5/15/2006      **Responsible Party:** Miles Slattery, Project Manager

ASIST

Hotline operator, Susan Hutchison, enters stormwater hotline complaint into the already existing Public Works' Trackit software as a storm water issue. All storm water issues in Trackit are forwarded to Miles Slattery, Project Manager Stormwater Division, via Trackit. Miles documents the complaint and action taken into the ASIST database. All hotline complaints are then reported using ASIST.

### **Urban Water Management Plan**

**Responsible Party:** Carolyn Thomas, Finance Director

Start Date: 7/1/2006

End Date: 6/30/2011

Has Goal Been Accomplished: NO

### **Work performed for the BMP listed above**

**Date:** 6/2/2006      **Responsible Party:** Carolyn Thomas, Finance Director

2006 Press Release

Press release advertised in the Times Standard newspaper on how you can conserve water and keep your water bills from going up.

# Construction Site Stormwater Runoff Control

## Details of BMPs and Work Performed for Them

### Advertise the Stormwater Hotline

**Responsible Party:** *Miles Slattery, Project Manager*

Start Date: 7/1/2007

End Date: 6/30/2011

Has Goal Been Accomplished: NO

### Work performed for the BMP listed above

**Date:** 6/1/2006

**Responsible Party:** *Miles Slattery, Project Manager*

Webpage

Advertised hotline on Eureka's Storm Water Division webpage.

**Date:** 6/30/2006

**Responsible Party:** *Miles Slattery, Project Manager*

NCSWC Webpage

Advertised hotline on NCSWC webpage (www.humboldtstormwater.com).

**Date:** 8/1/2006

**Responsible Party:** *Miles Slattery, Project Manager*

Business BMP Manuals

Advertised hotline on the four industry BMP manuals that are handed out to local businesses.

**Date:** 9/1/2006

**Responsible Party:** *Miles Slattery, Project Manager*

Construction BMP Pamphlets

Advertised the hotline on the twenty-one construction BMP pamphlets handed out to local contractors.

**Date:** 10/31/2006

**Responsible Party:** *Miles Slattery, Project Manager*

Yellow Pages Recycling Guide

In the 'Recycling Guide' section of the yellow pages, advertised the stormwater hotline and webpage to report stormwater issues.

**Date:** 12/1/2006

**Responsible Party:** *Miles Slattery, Project Manager*

Coastal Currents

Humboldt Baykeepers Fall 2006 Coastal Currents magazine published an article about the City of Eureka's Stormwater Division. The article included information about the stormwater ordinance, hotline, webpage and contact information.

**Date:** 1/1/2007

**Responsible Party:** *Miles Slattery, Project Manager*

Stormwater Posters

Advertised the stormwater hotline on seven posters created by the City of Eureka (Pet Waste, Cigarettes, Toxics, Oil, Fertilizer, Car Wash and a 'Report It' poster) that will be distributed to local businesses, city facilities and other offices throughout the City.

**Date:** 2/7/2007

**Responsible Party:** *Miles Slattery, Project Manager*

KHUM 104.3 Coastal Currents

Miles was a guest on Humboldt Baykeepers Coastal Currents spot at noon on KHUM, 104.3 FM. He discussed the North Coast Stormwater Coalition, the City of Eureka's stormwater program and the different ways the public can report stormwater issues (Eureka's hotline and webpage).

**Date:** 3/14/2007

**Responsible Party:** *Miles Slattery, Project Manager*

Paving the Way for Rain Workshop

Handed out pamphlets with local stormwater hotlines printed on them at the 'Paving the Way for Rain' workshop. It was a full day workshop on permeable pavement. Morning session was an overview of permeable pavement and the four different pavement types (pervious concrete, pervious asphalt, interlocking concrete pavers and reinforced grass pavement). Afternoon session was a series of technical sessions explaining installation, cost and performance.

### **Complete Draft Stormwater Erosion Control Ordinance**

**Responsible Party:** *Miles Slattery, Project Manager*

Start Date: 7/1/2006

End Date: 6/30/2007

Has Goal Been Accomplished: YES

#### **Work performed for the BMP listed above**

**Date:** *1/12/2007*      **Responsible Party:** *Miles Slattery, Project Manager*

Draft Erosion Control Ordinance

Miles completed the draft erosion control ordinance and forwarded it to Mike Knight, Assistant City Manager, for review. John Fitzhugh, Deputy Building Official, reviewed the ordinance and returned it to Mike Knight on 03/22/06. The ordinance will now be forwarded to the City Attorney and then to Council.

### **Continue Building Inspections**

**Responsible Party:** *John Fitzhugh, Deputy Building Official*

Start Date: 7/1/2006

End Date: 6/30/2011

Has Goal Been Accomplished: NO

#### **Work performed for the BMP listed above**

**Date:** *6/30/2007*      **Responsible Party:** *John Fitzhugh, Deputy Building Official*

2006-07 Building Inspections

From 07/01/06 to 06/30/07, 100% of construction sites that submitted plans to the City were inspected for proper erosion and sediment controls.

### **Continue Review of Building & Grading Permits**

**Responsible Party:** *Brent Siemer, City Engineer*

Start Date: 7/1/2006

End Date: 6/30/2011

Has Goal Been Accomplished: NO

#### **Work performed for the BMP listed above**

**Date:** *6/30/2007*      **Responsible Party:** *Brent Siemer, City Engineer*

2006-07 Building and Grading Permits

From 07/01/06 to 06/30/07, 100% of building plans submitted to the City were reviewed for erosion and sediment control plans.

### **Develop & Distribute Outreach Material for Contractors**

**Responsible Party:** *Miles Slattery, Project Manager*

Start Date: 7/1/2007

End Date: 6/30/2011

Has Goal Been Accomplished: NO

#### **Work performed for the BMP listed above**

**Date:** *6/27/2007*      **Responsible Party:** *Miles Slattery, Project Manager*

Erosion Control Article

Miles had an article published in the Contractor's Guide of the Wednesday edition of the Times Standard. Discussed erosion and sediment control. Promoted erosion control as 90% effective, but must be used in conjunction with sediment control (article attached).

### **Establish Stormwater Hotline**

**Responsible Party:** *Miles Slattery, Project Manager*

Start Date: 7/1/2006

End Date: 6/30/2007

Has Goal Been Accomplished: YES

**Work performed for the BMP listed above**

**Date: 5/15/2006**      **Responsible Party: Miles Slattery, Project Manager**

Stormwater Hotline

Established storm water hotline - 707.441.4192. Answered by Susan Hutchison and Pearl Mendoza, Public Works Administrative Assistants.

**Information on Stormwater Erosion Control Ordinance in PSAs**

**Responsible Party: Miles Slattery, Project Manager**

Start Date: 7/1/2007

End Date: 6/30/2009

Has Goal Been Accomplished: YES

**Work performed for the BMP listed above**

**Date: 6/27/2007**      **Responsible Party: Miles Slattery, Project Manager**

Erosion Control Article

Miles had an article published in the Contractor's Guide of the Wednesday edition of the Times Standard. Discussed erosion and sediment control. Promoted erosion control as 90% effective, but must be used in conjunction with sediment control (article attached).

**Review Stormwater Erosion Control Ordinance**

**Responsible Party: Sheryl Schaffner, City Attorney**

Start Date: 7/1/2006

End Date: 6/30/2007

Has Goal Been Accomplished: YES

**Work performed for the BMP listed above**

**Date: 3/22/2007**      **Responsible Party: Mike Knight, Assistant City Manager**

Erosion Control Ordinance Review

Miles completed the draft erosion control ordinance and forwarded it to Mike Knight, Assistant City Manager, Brent Siemer, City Engineer, and Lisa Shikany, Environmental Planner, for review. John Fitzhugh, Deputy Building Official, reviewed the ordinance and returned it to Mike Knight on 03/22/06. Brent reviewed and approved the ordinance. Lisa made comments, and they were considered. The ordinance will now be forwarded to the City Attorney and then to Council.

**Tracking Mechanism for Stormwater Hotline**

**Responsible Party: Miles Slattery, Project Manager**

Start Date: 7/1/2006

End Date: 6/30/2007

Has Goal Been Accomplished: YES

**Work performed for the BMP listed above**

**Date: 5/15/2006**      **Responsible Party: Miles Slattery, Project Manager**

ASIST

Hotline operator, Susan Hutchison, enters stormwater hotline complaint into the already existing Public Works' Trackit software as a storm water issue. All storm water issues in Trackit are forwarded to Miles Slattery, Project Manager Stormwater Division, via Trackit. Miles documents the complaint and action taken into the ASIST database. All hotline complaints are then reported using ASIST.

# Post-Construction Stormwater Management

## Details of BMPs and Work Performed for Them

### Complete Draft Stormwater Erosion Control Ordinance

**Responsible Party:** *Miles Slattery, Project Manager*

Start Date: 7/1/2006

End Date: 6/30/2007

Has Goal Been Accomplished: YES

### Work performed for the BMP listed above

**Date:** *1/12/2007*

**Responsible Party:** *Miles Slattery, Project Manager*

Draft Erosion Control Ordinance

Miles completed the draft erosion control ordinance and forwarded it to Mike Knight, Assistant City Manager, for review. John Fitzhugh, Deputy Building Official, reviewed the ordinance and returned it to Mike Knight on 03/22/06. The ordinance will now be forwarded to the City Attorney and then to Council.

### Review Stormwater Erosion Control Ordinance

**Responsible Party:** *Sheryl Schaffner, City Attorney*

Start Date: 7/1/2006

End Date: 6/30/2007

Has Goal Been Accomplished: YES

### Work performed for the BMP listed above

**Date:** *3/22/2007*

**Responsible Party:** *Mike Knight, Assistant City Manager*

Erosion Control Ordinance Review

Miles completed the draft erosion control ordinance and forwarded it to Mike Knight, Assistant City Manager, Brent Siemer, City Engineer, and Lisa Shikany, Environmental Planner, for review. John Fitzhugh, Deputy Building Official, reviewed the ordinance and returned it to Mike Knight on 03/22/06. Brent reviewed and approved the ordinance. Lisa made comments, and they were considered. The ordinance will now be forwarded to the City Attorney and then to Council.

### Train City Staff on Erosion Control Ordinance and Construction BMP Manual

**Responsible Party:** *Miles Slattery, Project Manager*

Start Date: 7/1/2007

End Date: 6/30/2011

Has Goal Been Accomplished: NO

### Work performed for the BMP listed above

**Date:** *3/22/2007*

**Responsible Party:** *Mike Knight, Assistant City Manager*

Erosion Control Ordinance Review

Miles completed the draft erosion control ordinance and forwarded it to Mike Knight, Assistant City Manager, Brent Siemer, City Engineer, and Lisa Shikany, Environmental Planner, for review. John Fitzhugh, Deputy Building Official, reviewed the ordinance and returned it to Mike Knight on 03/22/06. Brent reviewed and approved the ordinance. Lisa made comments, and they were considered. This review process also provided training for staff involved with plan review, approval, and construction site inspections. The ordinance will now be forwarded to the City Attorney and then to Council.

# Pollution Prevention/Good Housekeeping For Municipal Operations

## Details of BMPs and Work Performed for Them

### Street Sweeping

**Responsible Party:** Bruce Young, Deputy Public Works Director

Start Date: 7/1/2006

End Date: 6/30/2011

Has Goal Been Accomplished: NO

### Work performed for the BMP listed above

**Date:** 6/30/2007      **Responsible Party:** Bruce Young, Deputy Public Works Director

2006-07 Street Sweeping

100% of City of Eureka streets were swept weekly during the 2006-2007 permit year.