

Department of Ecology - Environmental Report Tracking System

ERTS # 654271

Initial Report

External Reference #

Caller Information

Where did it happen

First Name STEVE	Last Name BEBEE	Berth	Anchorage
Business Name CITY OF OAK HARBOR		Location Name ARCO AM/PM	
Street Address		Street Address 31990 SR 20	
Other Address		Other Address	
City	State WA	City/Place OAK HARBOR	State WA Zip
E-mail	Zip	County - Region ISLAND	NWRO FS ID
Phone	Ext	Waterway	Type
(360) 914-7274		Latitude	Longitude
	Type Business	Topo Quad 1:24:000 OAK HARBOR	

What happened

Spills Program Oil Spill? Y

Direction/Landmark (mile post, cross roads, township/range)

Incident Date 1/23/2015 **Received Date** 1/23/2015 12:32

Medium Fresh water

Material Gasoline
Sheen Only **Quantity** **To Water**

Primary Potentially Responsible Party Information

Source Retail Petroleum Outlet
Type Facility

First Name **Last Name**
Name

Business Name ARCO AM/PM
Street Address 31990 SR 20

Cause

Incident Type Oil Spill
Activity Unknown
Impact WATER POLLUTION

Other Address
City OAK HARBOR **State** WA **Zip**
Phone **Ext** **Type**
E-mail

Vessel Name
Hull Number

Additional Contact Information

Name **Phone** **Ext** **Type**

More Information

REPORT OF GASOLINE GOING TO PAVEMENT AND A SMALL AMOUNT TO THE STORM DRAIN
 UNKNOWN AMOUNT
 UNKNOWN CAUSE
 ABSORBENT PADS ARE BEING USED FOR CLEAN-UP. THE PUMP STATIONS HAVE BEEN SHUT DOWN UNTIL THE CAUSE OF THE SPILL CAN BE DETERMINED
 INCIDENT OCCURRED AT 1030

Entry Person SACAYANAN, TAMARA

Entry Date 1/23/2015

Department of Ecology - Environmental Report Tracking System

ERTS # 654271

Initial Report

External Reference #

Caller Information

Where did it happen

First Name KIRAN	Last Name ASHER	Berth	Anchorage
Business Name ARCO AM/PM	Street Address 31990 SR 20	Location Name ARCO AM/PM	Street Address 31990 SR 20
Street Address 31990 SR 20	Other Address	City/Place OAK HARBOR	State WA Zip
Other Address	City/Place OAK HARBOR	State WA	Zip
City OAK HARBOR	State WA	Zip	County - Region ISLAND
E-mail	Confidential_FL <input type="checkbox"/>	WIRA #	State WA Zip NWRO FS ID
Phone (425) 220-7278	Ext	Type Business	Waterway
			Latitude
			Longitude

What happened

Spills Program Oil Spill? Y

Topo Quad 1.24 000 OAK HARBOR
Direction/Landmark (mile post, cross roads, township/range)

Incident Date 1/23/2015 **Received Date** 1/23/2015 15:41

Medium Impermeable surface

Material Unknown

Sheen Only **Quantity** **To Water**

Source Commercial/Industrial Facility
Type Facility

Primary

Cause

Incident Type Oil Spill

Activity Unknown

Impact CONTAMINATED ROADWAY/PARKING LOT

Vessel Name

Hull Number

Primary Potentially Responsible Party Information

First Name **Last Name** UNKNOWN

Business Name
Street Address

Other Address

City **State** WA **Zip**
Phone **Ext** **Type**
E-mail

Additional Contact Information

Name **Phone** **Ext** **Type**

More Information

THINK IT WAS DUE TO A CUSTOMERS CAR LEAKING GAS OR DIESEL
 CHECKED ALL THEIR EQUIPMENT AND IT WAS FINE

Entry Person SACAYANAN, TAMARA

Entry Date 1/23/2015

Department of Ecology - Environmental Report Tracking System

ERTS # 654271

Followup

Inspector Information				Where did it happen				Followup #1	
Referral # 190116				Berth		Anchorage			
<input checked="" type="checkbox"/> Lead Inspector MEDICUS, KIMBERLY				Location Name ARCO AM/PM					
Program/Organization SPILLS, PREVENTION, PREPAREDNESS AND RESPONSE				Street Address 31990 SR 20					
* Region/Location NWRO				Other Address					
# of Ecology Staff 1		Overtime <input type="checkbox"/>		City/Place OAK HARBOR		State WA		Zip	
Action		Start Date		End Date		County ISLAND		Region NWRO FS ID	
TELEPHONE		1/23/2015		1/23/2015		Waterway		Type	
What happened		Spills Program Oil Spill? Y		Latitude 48.294651		Longitude 122.656366			
Incident Date 1/23/2015				Topo Quad 1:24,000 OAK HARBOR					
Medium Fresh water				Direction/Landmark (mile post, cross roads, township/range)					
Material									
Diesel Oil		<input type="checkbox"/> Sheen Only							
Quantity To Water To Imperv Recover NRDA Est.									
5 5 0 5									
Source		Regulated? <input type="checkbox"/>							
Retail Petroleum Outlet									
Type Facility		Primary <input checked="" type="checkbox"/>							
Cause									
Inattention/Distracted									
Type Human Error		Primary <input checked="" type="checkbox"/>							
Incident Type									
Oil Spill									
Activity									
Fueling									
Impact									
WATER POLLUTION									
Vessel									
Narrative									
SUMMARY - DIESEL SHEEN IN GAS STATION PARKING LOT. UNKNOWN CAUSE. CITY OF PORT ORCHARD RESPONDED.									
1030 - CONTACTED STEVE BEBEE AT THE CITY OF OAK HARBOR MS4.									
A SHEEN WAS REPORTED AT THE AM/PM PARKING LOT. SHEEN COVERED MOST OF THE LOT AND RAN INTO STORM DRAIN. STATION MANAGER SHUT DOWN THE PUMPS UNTIL IT COULD BE DETERMINED THAT IT WASN'T A PROBLEM WITH THEIR SYSTEM. BELIEVE THAT A CUSTOMER OVERFILLED THEIR CAR AND DID NOT REPORT THE SPILL. FIRE DEPARTMENT SHOWED UP. BELIEVE THE FUEL IS DIESEL.									
VACTOR TRUCK CLEANED OUT THE STORM DRAIN AND CLEANED UP THE CONTAMINATED ASPHALT.									
Vessel Emergency <input type="checkbox"/>				Entry Person MEDICUS, KIMBERLY				Entry Date 2/4/2015	



Department of Ecology ERTS:

January 23, 2015 ERTS# 654271

Address: 31990 State Route 20 Oak Harbor WA. 98277

Description: The City of Oak Harbor was notified of a spill at the AM/PM gas station. The Storm water department responded. Using absorbent pad in the catch basins, vacuum sweeper, and floor dry for cleanup. We had the gas station shut down all there pumps until we determined the cause of the spill. Educated the owner and staff on how important it is too frequently check the parking lot and pump areas for spills. Suggested they have a spill kit on site. Due to the heavy rain some fuel did make it into the storm catch basin on Cabot Dr. we used absorbent pads to soak up the fuel. Checked downstream catch basins to see if it had gone any farther. We did not find anymore.



CITY OF OAK HARBOR
Public Works
Office of Code Compliance
1400 NE 16th Avenue
Oak Harbor, Washington 98277

January 26, 2015
Re: Case No 15-008

Kiran Asher
1124 4th Street
Marysville, WA 98270

Dear Sir,

On Friday, January 23, 2015 at about 10:30 AM it was reported the City of Oak Harbor Storm Water Division that there was a large amount of what appeared to be an oil sheen coming out of the driveway of your AM/PM store and onto SW Cabot Drive. Responding Storm Water crew determined that the source of the contamination was a fuel spill originating at AM/PM. Due to the size of the spill, it was necessary to report it to the Washington State Department of Ecology.

Per your conversation with Storm Water Specialist Kindle Welshans, you will receive a bill from the City of Oak Harbor to reimburse them for the cost of the spill cleanup. In addition, it is recommended that you review your spill response protocol. In the case of a spill which is too large for your employees to handle, it would help to have on site a list of contacts for emergency spill response. When you are satisfied with your spill response plan, we would appreciate receiving a copy of it for our files. Please keep in mind that any spill which originates on your property becomes the responsibility of the property owner.

Ms. Welshans asked me to convey to you her appreciation for responding personally to the spill scene, and for your cooperation and assistance in the cleanup effort. If you have any questions please feel free to contact Ms. Welshans at 360-914-7994.

Thank You,

Ray Heltsley
City of Oak Harbor
Code Compliance Officer

Cc: file

Department of Ecology - Environmental Report Tracking System

ERTS # 654360

Initial Report

External Reference #

Caller Information

First Name KATLIN
Last Name KINN
Business Name PUGET SOUND KEEPER
Street Address
Other Address
City **State** WA **Zip**
E-mail
Phone (206) 297-7002 **Ext**
Type Business
Confidential_FL

Where did it happen

Berth
Location Name
Street Address SW 3RD AVE & S OAK HARBOR ST
Other Address
City/Place OAK HARBOR **State** WA **Zip**
County - Region ISLAND **NWRO** **FS ID**
WIRA #
Waterway
Latitude
Longitude
Topo Quad 1:24:000 OAK HARBOR
Direction/Landmark (mile post, cross roads, township/range)
 LOCATED IN A PARKING LOT BEHIND AN OLD KMART

What happened

Spills Program Oil Spill? Y
Incident Date 1/28/2015 **Received Date** 1/28/2015 11:09
Medium Fresh water
Material Gasoline
Sheen Only **Quantity** **To Water**
Source Other - Vehicle
Type Vehicle **Primary**
Cause
Incident Type Oil Spill
Activity Static or performing designed function
Impact WATER POLLUTION
Vessel Name
Hull Number

Primary Potentially Responsible Party Information

First Name
Last Name UNKNOWN
Business Name
Street Address
Other Address
City **State** WA **Zip**
Phone **Ext** **Type**
E-mail

Additional Contact Information

Name **Phone** **Ext** **Type**

More Information

THERE IS A MOTOR HOME THAT IS LEAKING SEWAGE AND POSSIBLY GASOLINE TO THE STORM DRAIN
 LOCATED IN A PARKING LOT BEHIND AN OLD KMART

Entry Person SACAYANAN, TAMARA

Entry Date 1/28/2015

Department of Ecology - Environmental Report Tracking System

ERTS # 654360

Followup

Inspector Information		Where did it happen			Followup #1
Referral # 190236		Berth Anchorage			
<input checked="" type="checkbox"/> Lead Inspector WALKER, DICK		Location Name			
Program/Organization SPILLS, PREVENTION, PREPAREDNESS AND RESPONSE		Street Address SW 3RD AVE & S OAK HARBOR ST			
* Region/Location NWRO		Other Address			
# of Ecology Staff 2	Overtime <input type="checkbox"/>	City/Place OAK HARBOR	State WA	Zip	
Action	Start Date	End Date	County ISLAND	Region NWRO	FS ID
TELEPHONE	1/28/2015	1/28/2015	Waterway	Type	
			WRIA #		

What happened		Spills Program Oil Spill? Y		Latitude 48.296385	Longitude 122.657719
Incident Date 1/28/2015		Topo Quad 1:24,000 OAK HARBOR		Direction/Landmark (mile post, cross roads, township/range)	
Medium Fresh water					
Material Gasoline		<input checked="" type="checkbox"/> Sheen Only			
Quantity To Water To Imperv Recover	NRDA	Est.			

Potentially Responsible Party Information		Check if the primary PRP provided notice to Ecology <input type="checkbox"/>	
Source Regulated? <input type="checkbox"/>	Primary <input checked="" type="checkbox"/>	First	Last
Other - Vehicle	Name	UNKNOWN	
Type Vehicle	Business Name		
Cause Improper Equipment use	Street Address		
Type Human Error	Other Address		
	City	State WA	Zip
	Phone	Ext	Type
	E-mail		

Incident Type	Oil Spill
Activity	Static or performing designed function
Impact	POTENTIAL POLLUTION/RELEASE
Vessel	

Narrative

I called Puget Sound Keepers and thanked them for the report. One of their members made the report to them.

I referred this to Carl Andersen for follow-up.

ERTS was also referred to local MS4. The caller had also reported this to the local MS4.

A photo provide by the caller is located at: X:\NWRO ERTS\ERTS Incident Additional Info\2015\654360

Vessel Emergency Entry Person WALKER, DICK Entry Date 1/28/2015

Inspector Information		Where did it happen			Followup #2
Referral # 190236		Berth Anchorage			
<input type="checkbox"/> Lead Inspector ANDERSEN, CARL		Location Name			
Program/Organization SPILLS, PREVENTION, PREPAREDNESS AND RESPONSE		Street Address SW 3RD AVE & S OAK HARBOR ST			
* Region/Location BFO		Other Address			
# of Ecology Staff 2	Overtime <input type="checkbox"/>	City/Place OAK HARBOR	State WA	Zip	
Action	Start Date	End Date	County ISLAND	Region NWRO	FS ID
TELEPHONE - TECHNICAL ASSISTANCE	1/28/2015	1/29/2015	Waterway	Type	
			WRIA #		

Department of Ecology - Environmental Report Tracking System

ERTS # 654360

What happened		Spills Program Oil Spill? <input type="checkbox"/> N	Latitude 48.296385	Longitude 122.657719
Incident Date	1/28/2015	Topo Quad	1:24,000 OAK HARBOR	
Medium	SURFACE WATER-FRESH			
Material	SEWAGE/SLUDGE			
Quantity	Unit	Est.	Potentially Responsible Party Information	
1	DRIP	<input type="checkbox"/>	Check if the primary PRP provided notice to Ecology <input type="checkbox"/>	
Source	Regulated? <input type="checkbox"/>	Primary <input checked="" type="checkbox"/>	First	Last
MOTOR VEHICLE - CAR		Name	UNKNOWN	
Cause	HUMAN FACTOR - IMPROPER PROCEDURES			
		Business Name		
		Street Address		
		Other Address		
		City	State WA	Zip
Activity	ROUTINE/NORMAL OPERATIONS			
		Phone	Ext	Type
Impact	POTENTIAL POLLUTION/RELEASE			
Vessel				
Narrative				
SPOKE WITH STEVE WITH CITY OF OAK HARBOR. HE MADE A SITE VISIT AND ONE OF THE RV WAS SUPPOSE TO BE HAULED AWAY. ANOTHER NEARBY TRAILER WAS DRIPPING A SMALL AMOUNT OF SEWAGE AND STEVE SPOKE TO THEM ABOUT THAT.				
NEAREST DRAINS ARE 75 FEET AWAY FROM BOTH. STEVE WILL CHECK ON AND SEE WHY RV HAS NOT BEEN REMOVED. WE BOTH WILL KEEP AN EYE ON BUT STEVE DID NOT FEEL THERE WAS A BIG CONCERN WITH THE ONE RV.				
NFA FOR ANDERSEN AT THIS TIME.				
Vessel Emergency <input type="checkbox"/>	Entry Person: WALKER, DICK		Entry Date 1/28/2015	



Department of Ecology ERTS:

January 28, 2015 ERTS# 654360

Address: SW 3rd & S Oak Harbor St. Oak Harbor WA. 98277

Description: The City of Oak Harbor was notified of a sewer spill in the parking lot behind the old K-Mart building. The Storm water department responded Oak Harbor Police department responded. The spill was from an illegally parked RV on the lot. Kindle Welshans contacted the property management company to have the respond with a cleanup crew (due to the fact it being private property). The RV was removed from the property by a towing company. The spill was cleaned up by Whirlwind Services. All effected catch basins were cleaned out. This spill did not make it to the MS4. Work completed January 28, 2015. Follow up with the Property Management Company on keeping homeless and abandoned vehicles out of the parking lot.

Kindle Sullivan

ksullivan@oakharbor.org

360-914-7994

OHPD WASH #
15-000210



City of Oak Harbor
Public Works Department
1400 N.E. 16th Avenue
Oak Harbor, WA 98277

Illicit Discharge Incident Report

From: _____
To: waste water collections Storm Drain Dept.
Date: 1-8-2015
Subj: Illicit Discharge Incident

At 10:38 (AM) () PM, on 1-8-2015 (Date), I discovered or observed an apparent Illicit Discharge, as defined in OHMC 12.50.005(10) at the following location:

30165 SR 50 (Kmart)

Description of incident, including possible substance involved:

RV parked in the back parking lot had a sewer spill from dump tank.

Responsible Party: _____ Address: _____

Phone: _____

DOB: _____ Ht: _____ Wt: _____ Hair _____ Eyes _____

Was incident reported by Responsible Party () Yes () No () Unknown

Notification made () Yes () No To _____

Photographs taken () Yes () No By Ray Helstorp

Immediate corrective action taken () Yes () No By City of Oak Harbor crew

Action taken: OHPD and JHL property management and Wheelwind services, christian auto wrecking.

Spill was reported by Ray Helstorp to Al Baze then Keith Jameson & kindle & slus. Responded to Kmart parking lot (have had two other spills from this RV)

Incident involved: () Property

() Street, storm drain, ditch or similar facility

() Building

() Vehicle

() Other, describe: Parking lot

Additional Notes:

Kindle Welshans
Signature

The spill was enough that it was a public health hazard
talked with ^{officer} Chris Peabody who had made contract with
the person inside and cited her for an illicit discharge.
Due to the spill size and nobody cleaning it up
we (Kindle? Keith) returned to the site contacted Tammi Sandusky
from Whirlwind services who had been on site and put eviction
notices (remove your RV and 4th wheel from the property.)
on all three that were there. She met me on site and we both
called JHL Property Management Terry Rodenbeck to
help figure out who would clean up the spill. Whirlwind services
~~was~~ were dispatched to the site to deal spill clean up (2:30pm)
in the meantime OHPD arrested on man and charged two
others with trespassing. The two left the RV and
the city of Oak Harbor and OHPD JHL property and Whirlwind
Services got the RV towed ~~to~~ by Christians Auto Wrecking
~~and~~ Whirlwind Services cleaned the spill and vac out 3
catch basins Sanitized area and are suppose to sweep the
parking lot with a sweeper.

Kindle Welshans
1-9-2015

Keith Jameson
Kindle Welshans Filled out Statements for Officer Jim Hogland

AL Barza
Jack Robinson
Ray Heltsley
Cody West

all were there at one time

**City of Oak Harbor
Storm Drain Complaint**

Incident No. 15-007

**ICOM No.
(If applicable)**

**Case No. _____
(If applicable)**

Date Initiated: 01/08/2015

Information Source: K. Welshans

Property: K-Mart rear parking lot

Responsible Party: Cisneros

Issue: RV dumped black water, which drained into storm drain catch basins

Notes: . OHPD cited RV owner. Cleanup by Whirlwind Services



Status: Active__ Closed_x Date_01/08/2015_

Department of Ecology - Environmental Report Tracking System

ERTS # 655313

Initial Report

External Reference #

Caller Information

Where did it happen

Name	First KINDLE	Last WELSHANS	Berth	Anchorage	
Business Name	CITY OF OAK HARBOR		Location Name		
Street Address			Street Address	VISTA PARK RD	
Other Address			Other Address		
City		State WA	City/Place	OAK HARBOR	State WA
E-mail		Zip	County - Region	ISLAND	Zip NWRO FS ID
Phone	Ext	Type	Waterway	Type	
(360) 914-7894		Business	Latitude	Longitude	
		<input type="checkbox"/> Confidential_FL	Topo Quad 1:24 000	OAK HARBOR	

What happened

Spills Program Oil Spill? Y

Direction/Landmark (mile post, cross roads, township/range)
HWY 20/HARBOR VISTA

Incident Date 3/6/2015 **Received Date** 3/6/2015 14:37

Medium Impermeable surface

Material Hydraulic Oil

Sheen Only	Quantity	To Water
<input type="checkbox"/>	6	

Source Commercial Truck
Type Vehicle

Cause

Incident Type Oil Spill
Activity Underway or in motion
Impact CONTAMINATED ROADWAY/PARKING LOT

Vessel Name

Hull Number

Primary Potentially Responsible Party Information

Name	First UNKNOWN	Last UNKNOWN
Business Name		
Street Address		
Other Address		
City	State WA	Zip
Phone	Ext	Type
E-mail		

Primary

Additional Contact Information

Name	Phone	Ext	Type
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More Information

6 GALLONS HYDRUALIC FLUID TO PAVEMENT, DUE TO A BROKEN RSEVOIR ON A GARBAGE TRUCK.
 ABSORBENT MATERIALS AND A SWEEPER WERE USED TO COLLECT THE PRODUCT. THE SPILL HAS BEEN CONTAINED.
 INCIDENT OCCURRED 1030

Entry Person SACAYANAN, TAMARA

Entry Date 3/6/2015

Department of Ecology - Environmental Report Tracking System

ERTS # 655313

Followup

<u>Inspector Information</u>		<u>Where did it happen</u>		Followup #1
Referral #	191838	Berth		Anchorage
<input checked="" type="checkbox"/> Lead Inspector	Quast, Andy	Location Name		
Program/Organization	SPILLS, PREVENTION, PREPAREDNESS AND RESPONSE	Street Address	VISTA PARK RD & SW 24TH AVE	
* Region/Location	NWRO	Other Address		
# of Ecology Staff	1	City/Place	OAK HARBOR	State WA Zip
Overtime	<input type="checkbox"/>	County	ISLAND	Region NWRO FS ID
<u>Action</u>	TELEPHONE	Waterway		Type
Start Date	3/6/2015	WRIA #		
End Date	3/6/2015			

<u>What happened</u>		<u>Potentially Responsible Party Information</u>	
Spills Program Oil Spill?	Y	Latitude	48 27988 Longitude 122.672718
Incident Date	3/6/2015	Topo Quad	1:24,000 OAK HARBOR
Medium	Impermeable surface	Direction/Landmark	(mile post, cross roads, township/range)
Material	Hydraulic Oil	<input type="checkbox"/> Sheen Only	
Quantity	To Water 0 To Imperm 6 Recover 6	NRDA	Est. <input type="checkbox"/>
Source	Regulated? <input type="checkbox"/>	Primary <input checked="" type="checkbox"/>	First Last UNKNOWN
Type	Commercial Truck Vehicle	Business Name	
Cause	Structural Failure	Street Address	
Type	Equipment Failure	Other Address	
City		State	WA Zip
Phone		Ext	Type
E-mail			
<u>Incident Type</u>	Oil Spill		
<u>Activity</u>	Underway or In motion		
<u>Impact</u>	CONTAMINATED ROADWAY/PARKING LOT		
<u>Vessel</u>			

Narrative

Summary: Garbage truck spilled 6 gal of hydraulic fluid from cracked reservoir to pavement. Crew cleaned spill with floor sweep and used vacuum sweeper truck to clean roadway. No impacts to water. Andersen notified and will do a drive-by on way home

3-6-15, 14 59- Spoke with Kindle Welshans with the City of Oak Harbor. She reported that a garbage cracked a hydraulic tank and leaked fluid over a short stretch of road. City cleaned roadway with floor sweep and used vacuum sweeper to finish cleaning roadway. She was informed to notify as soon as possible in the future. This spill was reported after 4 hours today. Andersen will look at the quality of the clean up on his way home from work.

No further action from spills response

Vessel Emergency Entry Person Quast, Andy Entry Date 3/6/2015

<u>Inspector Information</u>	<u>Where did it happen</u>	Followup #2



Department of Ecology ERTS:

March 6, 2015 ERTS# 655313

Address: Vista Park Dr. Oak Harbor WA. 98277

Description: The City of Oak Harbor was notified of a hydraulic leak from one of our garbage trucks. Approximately 6 gallons. The storm water crew and solid waste crew used floor dry absorbent material to clean up spill. The vacuum sweeper was also use to pick up all material. The hydraulic fluid did not make it into any catch basin only on the pavement. The cleanup was completed on March 6 ,2015.

Kindle Sullivan

ksullivan@oakharbor.org

360-914-7994

Department of Ecology - Environmental Report Tracking System

ERTS # 656749

Initial Report

External Reference #

Caller Information

Name First Last
 STEVE BEBEE
Business Name CITY OF OAK HARBOR
Street Address
Other Address
 City OAK HARBOR State WA Zip
E-mail Confidential_FL
Phone Ext Type
 (360) 279-4764 Business

Where did it happen

Berth Anchorage
Location Name
Street Address 33395 SR 20
Other Address
 City/Place OAK HARBOR State WA Zip
 County - Region ISLAND NWRO FS ID
WIRA # WRIA 6 - Island Watershed
Waterway Type DITCH
 Latitude Longitude
Topo Quad 1 24 000 OAK HARBOR
Direction/Landmark (mile post, cross roads, township/range)

What happened

Spills Program Oil Spill? Y

Incident Date 5/13/2015 **Received Date** 5/13/2015 15 18
Medium Fresh water
Material Lube Oil/Motor Oil
 Sheen Only Quantity To Water
Source Type Other Primary
Cause
Incident Type Oil Spill
Activity Unknown
Impact WATER POLLUTION
Vessel Name
 Hull Number

Primary Potentially Responsible Party Information

First Last
Name
Business Name MAYFLOWER STORAGE & MOVING
Street Address
Other Address
 City State WA Zip
Phone Ext Type
E-mail

Additional Contact Information

Name Phone Ext Type

More Information

ILLICIT DISCHARGE OF OIL, COMING FROM
 TENANTS MOVED OUT
 ALONG THE NORTH DITCH LINE IS FULL OF OIL
 THE PROPERTY USED TO BE MAYFLOWER STORAGE AND MOVING. WHEN THEY MOVED THEY LEFT A MESS
 DISCOVERED TODAY

Entry Person SACAYANAN, TAMARA

Entry Date 5/13/2015



Department of Ecology ERTS:

May 13, 2015 ERTS# 656749

Address: 33395 State Route 20 Oak Harbor WA. 98277

Description: The City of Oak Harbor was notified of oil in a ditch from an abandoned truck that had been flipped over. Please refer to the summary attached. The oil never made it off private property.

Kindle Sullivan

ksullivan@oakharbor.org

360-914-7994

Department of Ecology - Environmental Report Tracking System

ERTS # 656749

Followup

<u>Inspector Information</u>		<u>Where did it happen</u>		Followup #1
Referral # 194142		Berth	Anchorage	
<input type="checkbox"/> Lead Inspector OAK HARBOR - STORM WATER, STEVE BE		Location Name		
Program/Organization PUBLIC WORKS		Street Address	33395 SR 20	
* Region/Location NWRO		Other Address		
# of Ecology Staff	Overtime <input type="checkbox"/>	City/Place	OAK HARBOR	State WA Zip
<u>Action</u>	Start Date	End Date	County ISLAND	Region NWRO FS ID
FIELD RESPONSE - INVESTIGATION	5/14/2015	5/14/2015	Waterway	Type DITCH
			WRIA #	WRIA 6 - Island Watershed
<u>What happened</u>	Spills Program Oil Spill? N	Latitude	Longitude	
Incident Date	5/13/2015	Topo Quad 1 24,000 OAK HARBOR		
<u>Medium</u>		Direction/Landmark (mile post, cross roads, township/range)		
SURFACE WATER-FRESH				
<u>Material</u>				
PETROLEUM - MOTOR OIL				
Quantity	Unit	Est.		
	GALLON	<input type="checkbox"/>		
<u>Source</u>	Regulated? <input type="checkbox"/>	<u>Potentially Responsible Party Information</u>		
		Check if the primary PRP provided notice to Ecology <input type="checkbox"/>		
		Primary <input checked="" type="checkbox"/>	First	Last
<u>Cause</u>		Name		
		Business Name MAYFLOWER STORAGE & MOVING		
		Street Address		
		Other Address		
<u>Activity</u>		City	State WA	Zip
UNKNOWN		Phone	Ext	Type
<u>Impact</u>		E-mail		
WATER POLLUTION				
<u>Vessel</u>				
<u>Narrative</u>				
5/14/2015 Kindle Welshan called in ERTS and city staff initially responded to contain the oil in the ditch and contact the owner of the site to proceed to clean it up.				
From: Kindle Welshans [mailto:kwelshans@oakharbor.org] Sent: Monday, May 18, 2015 3:02 PM To: Maginnis, Christina (ECY) Subject: ERTS# 656749				
Christina				
Just an update on the May flower oil clean up. WRS was on site Friday and today cleaned out approximately 147 feet of ditch. Whatcom Environmental was brought on site to take a few samples. As of now all clean!! The owner was very on board to do all the cleanup right. Always a bonus!! Thank you for your help Friday! Please let me know if you want anything else.				
Have a great week!!				
Kindle Welshans City of Oak Harbor Storm Water Division kwelshans@oakharbor.org 360-914-7894				
Vessel Emergency <input type="checkbox"/>	Entry Person	MAGINNIS, CHRISTINA	Entry Date	5/19/2015
<u>Inspector Information</u>	<u>Where did it happen</u>		Followup #2	

Wednesday, February 17, 2016

*** The Initial report contains only information provided to Ecology from the complainant

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Department of Ecology - Environmental Report Tracking System

ERTS # 656749

<p>Referral # 194144</p> <p><input type="checkbox"/> Lead Inspector MAGINNIS, CHRISTINA</p> <p>Program/Organization WATER QUALITY</p> <p>* Region/Location BFO</p> <p># of Ecology Staff</p> <p>Overtime <input type="checkbox"/></p> <p>Action</p> <p>TELEPHONE</p> <p>Start Date 5/14/2015</p> <p>End Date 5/14/2015</p> <p>What happened</p> <p>Incident Date 5/13/2015</p> <p>Medium</p> <p>SURFACE WATER-FRESH</p> <p>Material</p> <p>PETROLEUM - MOTOR OIL</p> <table style="width:100%;"> <tr> <td>Quantity</td> <td>Unit</td> <td>Est.</td> </tr> <tr> <td></td> <td>GALLON</td> <td><input type="checkbox"/></td> </tr> </table> <p>Source Regulated? <input type="checkbox"/></p> <p>Cause</p> <p>Activity</p> <p>UNKNOWN</p> <p>Impact</p> <p>WATER POLLUTION</p> <p>Vessel</p>	Quantity	Unit	Est.		GALLON	<input type="checkbox"/>	<p>Berth</p> <p>Anchorage</p> <p>Location Name</p> <p>Street Address 33395 SR 20</p> <p>Other Address</p> <p>City/Place OAK HARBOR State WA Zip</p> <p>County ISLAND Region NWRO FS ID</p> <p>Waterway Type DITCH</p> <p>WRIA # WRIA 6 - Island Watershed</p> <p>Latitude Longitude</p> <p>Topo Quad 1 24,000 OAK HARBOR</p> <p>Direction/Landmark (mile post, cross roads, township/range)</p> <p>Potentially Responsible Party Information</p> <p>Check if the primary PRP provided notice to Ecology <input type="checkbox"/></p> <p>Primary <input checked="" type="checkbox"/> First Last</p> <p>Name</p> <p>Business Name MAYFLOWER STORAGE & MOVING</p> <p>Street Address</p> <p>Other Address</p> <p>City State WA Zip</p> <p>Phone Ext Type</p> <p>E-mail</p>
Quantity	Unit	Est.					
	GALLON	<input type="checkbox"/>					
<p>Narrative</p> <p>5/14/2015 Called Kindle Welshan back after receiving this ERTS report. She said the City staff had followed up to contain the oil in the private stormwater ditch. She contacted the site owner from Mayflower moving and said he was very responsive. She will provide follow up information in ERTS after the site is cleaned up.</p>							
<p>Vessel Emergency <input type="checkbox"/></p> <p align="right">Entry Person MAGINNIS, CHRISTINA Entry Date 5/19/2015</p>							
<p>Inspector Information</p> <p>Referral # 194142</p> <p><input checked="" type="checkbox"/> Lead Inspector ANDERSEN, CARL</p> <p>Program/Organization SPILLS, PREVENTION, PREPAREDNESS AND RESPONSE</p> <p>* Region/Location BFO</p> <p># of Ecology Staff 1</p> <p>Overtime <input type="checkbox"/></p> <p>Action</p> <p>FIELD RESPONSE - INVESTIGATION</p> <p>Start Date 5/13/2015</p> <p>End Date 5/19/2015</p>	<p>Where did it happen</p> <p>Berth</p> <p>Anchorage</p> <p>Location Name</p> <p>Street Address 33395 SR 20</p> <p>Other Address</p> <p>City/Place OAK HARBOR State WA Zip</p> <p>County ISLAND Region NWRO FS ID</p> <p>Waterway Type DITCH</p> <p>WRIA # WRIA 6 - Island Watershed</p>						
<p>Followup #3</p>							

Department of Ecology - Environmental Report Tracking System

ERTS # 656749

What happened		Spills Program Oil Spill? <input checked="" type="checkbox"/> N	Latitude 48.312437	Longitude 122.638925
Incident Date	5/13/2015	Topo Quad	1 24.000 OAK HARBOR	
Medium	SURFACE WATER-FRESH			
Material	PETROLEUM - MOTOR OIL			
Quantity	Unit	Est.		
10	GALLON	<input checked="" type="checkbox"/>		
Source	Regulated? <input type="checkbox"/>	Potentially Responsible Party Information		
ILLEGAL DUMP SITE		Check if the primary PRP provided notice to Ecology <input type="checkbox"/>		
Cause	HUMAN FACTOR - NEGLIGENCE	Primary <input checked="" type="checkbox"/>	First	Last
		Name		
		Business Name MAYFLOWER STORAGE & MOVING		
		Street Address		
		Other Address		
		City	State WA	Zip
		Phone	Ext	Type
		E-mail		

Activity	LUNSAFE/IMPROPER OPERATION
Impact	WATER POLLUTION
Vessel	

Narrative

INCIDENT SUMMARY
 A TRUCK WAS BEING DISMANTLED AT THE BACK OF PROPERTY AND OIL GOT THE A NEARBY DITCH THAT HAD SOME WATER IN IT. CITY OF OAK HARBOR WAS WORKING WITH PROPERTY OWNER TO GET A CONTRACTOR OUT TO DO CLEANUP. WRS WAS HIRED AND CLEANUP COMPLETED. WATER IMPACTED WAS CONTAINED ONSITE.

NARRATIVE
 WAS INFORMED OF INCIDENT WHILE AT SPILLS WENATCHEE WORKSHOP.

FIELD RESPONSE ON FRIDAY 5/15 TO VERIFY DETAILS. WRS HAD MADE SOME EFFORT BY WRAPPING THE TRUCK IN PLASTIC SHEETING AND DOING A ROUGH EXCAVATION OF THE DITCH.

5/19/2015
 WENT BY SITE AGAIN. DITCH HAD BEEN CLEANED OUT AND ALL LOOKED GOOD. SOME MINOR SHEEN WAS ON THE WATER IN THE DITCH BUT NO FREE PHASE PRODUCT.

SPOKE WITH WHATCOM ENVIRONMENTAL ABOUT SAMPLING AND WITH GUIDANCE FROM TCP DONNA MUSA FORWARDED ON LAB ANALYSES FROM TCP.

SEE ADDITIONAL INFORMATION AT THE NWRO ERTS, ERTS INCIDENT ADDITIONAL INFORMATION SITE, X DRIVE.

NFA FOR ANDERSEN AT THIS TIME.

Vessel Emergency <input type="checkbox"/>	Entry Person: ANDERSEN, CARL	Entry Date 5/19/2015
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Inspector Information	Where did it happen	Followup #4
Referral # 194143	Berth	Anchorage
<input type="checkbox"/> Lead Inspector ZORZI, HOWARD	Location Name	
Program/Organization SPILLS, PREVENTION, PREPAREDNESS AND RESPONSE	Street Address 33395 SR 20	
* Region/Location NWRO	Other Address	
# of Ecology Staff 2 Overtime <input type="checkbox"/>	City/Place OAK HARBOR	State WA Zip
Action	County ISLAND	Region NWRO FS ID
FIELD RESPONSE - TECHNICAL ASSISTANT	Waterway	Type DITCH
Start Date 5/13/2015	End Date 5/13/2015	WRIA # WRIA 6 - Island Watershed

Department of Ecology - Environmental Report Tracking System

ERTS # 656749

What happened		Spills Program Oil Spill? <input checked="" type="checkbox"/> Y	Latitude 48 312437	Longitude 122.638925
Incident Date	5/13/2015	Topo Quad	1:24,000 OAK HARBOR	
Medium	Fresh water	Direction/Landmark (mile post, cross roads, township/range)		
Material	Lube Oil/Motor Oil	<input type="checkbox"/> Sheen Only		
Quantity	To Water	To Imperm	Recover	NRDA
5	0	5	5	0
				<input type="checkbox"/> Est.
Source	Regulated? <input type="checkbox"/>	Potentially Responsible Party Information		
Commercial/Industrial Facility		Check if the primary PRP provided notice to Ecology <input type="checkbox"/>		
Type Facility	Primary <input checked="" type="checkbox"/>	Primary <input checked="" type="checkbox"/>	First	Last
Cause	Procedural Error	Business Name MayFlower		
Type Human Error	Primary <input checked="" type="checkbox"/>	Street Address		
Incident Type	Oil Spill	Other Address		
Activity	Unknown	City	State	Zip
Impact	WATER POLLUTION	Phone	Ext	Type
Vessel		E-mail		

Narrative

Contact info given:
 360-875-5959/877-703-1802 Courtney - got me in touch with Mike who provided the numbers;
 world wide contact for mayflower - 360-875-5959 and after hours contact - Dan Callies - 360-875-9690 @ worldwidemovers@wwmv1.com

Maggie Bear - 360-832-8467 - no answer at this line
 Kyle Rosenbaum 360-929-4283.

Contacted NWRO Responder Carl Andersen - he followed up with local contact - see his narrative for follow up.

It appears mayflower has moved from this site and an overturned oil bucket and truck cab were left on site and leaked oil to soil.

Vessel Emergency <input type="checkbox"/>	Entry Person: ZORZI, HOWARD	Entry Date: 5/20/2015
Inspector Information	Where did it happen	Followup #5
Referral # 196890	Berth	Anchorage
<input type="checkbox"/> Lead Inspector MUSA TCP, DONNA	Location Name	
Program/Organization TOXICS CLEANUP	Street Address 33395 SR 20	
* Region/Location NWRO	Other Address	
# of Ecology Staff 1	City/Place OAK HARBOR	State WA
Overtime <input type="checkbox"/>	County ISLAND	Region NWRO
Action	Waterway	Type DITCH
TCP - NFA	Start Date 11/6/2015	End Date 11/6/2015
	WRIA # WRIA 6 - Island Watershed	

Department of Ecology - Environmental Report Tracking System

ERTS # 656749

What happened		Spills Program Oil Spill? N	Latitude 48.312437	Longitude 122.638925
Incident Date 5/13/2015			Topo Quad 1.24.000 OAK HARBOR	
Medium SURFACE WATER-FRESH			Direction/Landmark (mile post, cross roads, township/range)	
Material PETROLEUM - MOTOR OIL		Est. <input type="checkbox"/>	Potentially Responsible Party Information	
Quantity 10 Unit GALLON			<input type="checkbox"/> Check if the primary PRP provided notice to Ecology	
Source Regulated? <input type="checkbox"/> ILLEGAL DUMP SITE			Primary <input checked="" type="checkbox"/>	First Last
Cause HUMAN FACTOR - NEGLIGENCE			Name	
			Business Name World Wide Movers	
			Street Address	
			Other Address	
			City	State WA Zip
Activity UNSAFE/IMPROPER OPERATION			Phone	Ext Type
Impact WATER POLLUTION			E-mail	
Vessel				
Narrative				
<p>COMPLAINT (Brief Summary of ERTS Complaint): Steve Bebee, Oak Harbor WQ reported an illicit discharge of oil, coming from the subject property. Tenants moved out. Area along the north ditch line is full of oil. The property used to be Mayflower storage and moving. When they moved they left a mess. Discovered today. Oak Harbor city staff initially responded to contain the oil in the ditch and contact the owner of the site to proceed to clean it up.</p> <p>Documents reviewed: •Independent Remedial Action: Petroleum Contaminated Soil Removal – 33395 State Route 20, Oak Harbor, Washington. Whatcom Environmental Services, Bellingham, WA. June 8, 2015.</p> <p>WRS completed excavation on May 19, 2015. Whatcom Environmental collected three discrete soil samples, spaced evenly across the length of the impacted portion of the ditch. Soil samples were analyzed (in accordance with MTCA Table 830-1) for gasoline TPH, BTEX, MTBE, HVOCs, EDB, EDC, arsenic, cadmium, chromium, lead, mercury, PAHs, and PCBs. All samples met their applicable MTCA target cleanup levels.</p> <p>CURRENT SITE STATUS (Brief Summary of why Site is recommended for Listing or NFA): A derelict semi truck had been left on site by Mayflower, the previous occupant. A local resident was dismantling the semi for scrap. City of Oak Harbor officials noted the truck on its side and in the process of being scrapped. They investigated and discovered petroleum staining on pavement and in the ditch, emanating from the scrap vehicle. Western Refinery Service (WRS) was hired by the property owner to initiate remedial actions. WRS removed 15.96 tons of impacted soil for proper disposal. The ditch was lined with straw waddles to contain exposed sediment runoff and oil sorbent to capture residual oil during rain events. Confirmation samples were below their applicable MTCA cleanup levels. Recommend NFA due to Cleanup Completed.</p> <p>11/18/15 Emailed NFA Memo to Harold Cashman (Whatcom Environmental), and Rich (World Wide Movers?), with copy to Carl Andersen. New TCP Initial Investigation file titled 'World Wide Movers Surface Spill' routed to Central Records on 11/18/15.</p>				
Vessel Emergency <input type="checkbox"/>			Entry Person: MUSA TCP, DONNA	Entry Date: 11/8/2015

May Flower Worldwide Movers

Dennis White (Owner)

33395 State Route 20

Oak Harbor Wa. 98277

May 13, 2015

Steve Bebee saw a truck laying on its side at 33395 SR 20 Oak Harbor WA. 98277 May Flower building. The business had shut down at the end of April. When looking into the situation he found that someone had dumped a lot of motor oil in the ditch. At 315 he asked Kindle Welshans and Ray Helstley to go take pictures and document the spill. Steve called the spill into DOE spill report line. Kindle put a cap on the pipe coming from the ditch to prevent any further contamination to the storm water system.

May 14, 2015

Had a few calls from DOE spill response person Howard Z, Christina Maginns our Bellingham contact. I called Howard back...he stated he had tried to call us but no contact Steve had left his cell phone # but it did not get to Howard. Howard stated he tried a couple of numbers to get in contact with the owner, but no such luck. He asked me to email them some pictures due to the fact that both he and Carl Anderson were in training in Eastern Washington. I asked what action the DOE would like us to takehe said we need to make contact with the property owner and make him aware of the situation and get the clean up going. I called the property owner (Dennis White) he was on his way up to the property for another reason but said he would meet me there at around 10 am.

Kristina called me back and I explained the situation to her she was very happy with us for stopping any oil from making it to the MS4 and containing it on the property. She stated we needed to provide contractor names to the property owner and assist in any way we could to insure the cleanup was done right. Said she would email me some information as well. Carl Anderson contacted me to assist me if I needed it.

Keith Jameson and I found another pipe coming out of the ditch which we put a plug in as well. We met with Dennis White at the property showed him the ditch and catch basin with the oil in it and the truck that was on its side. Talked with him about illicit discharge and that the spill had been reported to the DOE. Told him he had to get it cleaned up asap. I gave him a list of contractor and there phone at his request. WRS, Brovo, Bayside Services. Whirlwind.... He had called his old manager that had work that site for many years Dan Boon to also meet us on site. He showed up and explained that they had let an old timer cut up the truck for scrape. But that he had not dumped the oil in the ditch. You can see by the pictures I took that the oil was cleaned up on the asphalt that the man spilled from the truck.

Dennis called me at 1130 to let me know he had made contact with Rich from WRS and that they would be on site Friday morning to start the cleanup. Meet them there cleaned approximately 72 ft of ditch Friday removed all standing oil. At the west end of the ditch had to dig down 2ft. X 5ft. put booms in the

ditch to trap any oil. I helped Rich put plastic around the cut up truck and put booms around it just to be safe. There was no oil leaking off the truck. Rich and I felt it was okay to resume work Monday the majority of the oil had been cleaned up.

I spoke with Carl Anderson again in the late afternoon he suggested the property owner get some environmental samples done to make sure all the oil had been cleaned up. I spoke with the property owner about this issue; he said he would ask Rich with WRS to take care of this.

Whatcom Environmental will be on site Monday to do the sampling.

May 18, 2015

Received an email from Dennis white explaining his conversation with Rich from WRS and that he would have the testing done and do whatever was needed for the cleanup to be done right. Said he would be gone for two weeks but I could contact Norma at his office if I need anything.

WRS was on site at 745am Stated clean up re-dug the first 72ft and additional to make a total cleaned out 147ft. plus two catch basins. The soil and oily water was hauled to Cemex in Everett to be disposed of. When WRS gets all the weight slips they will let us know total amount hauled out. Rich lined the ditch with straw waddles. I am going to remove the cap from the pipe and pull the plug out of the pipe in the catch basin.

May 19, 2015

Carl emailed me this morning to let me know he is working with Whatcom Environmental to check for the right oils and fuels. Christina Maginnis emailed me as well to let me know Carl emailed her pictures and she will close out the ERTS. Total of 17 hour as of now. I have attached Dennis White's Email also Carl Anderson's and Christina Maginnis.

Dennis White

Kindle, I'm sure you've been following the progress, but to make sure everyone is aware of our progress:

Rich (WRS) informed me within the past hour that he has everything contained and about 50-60% removed. Monday he will bring in a Rolloff box for the rest of the removal. This will be more efficient than making numerous trips with the Guzzler.

He did not see any real problem with the catch basins (probably because of your quick action on plugging them) and I asked him to pump them anyway and clean each drain as much as possible, just in case there is any residue.

He has placed a boom around the old scrap Mack cab. He said there is nothing coming out of it, but we wanted it incased as an additional precaution and to be pro-active. We have requested a "lost title" since it hasn't been licensed/operated since about 2006. Dan Callies has asked Pat Sullivan to continue to cut up as much as scrap to make the footprint smaller. We expect that we will have it gone sometime next week (Junk yard will not take it without title). Since it is no longer an issue leaking and is contained, and is now basically scrap metal..... it will be gone.

Rich said that a large portion of the ditch area has no sign of spill and he has gotten and will have everything gone, he didn't think we'd need to have a separate company come in to certify that it is all clean. We want to make sure everything is done and done correctly to satisfy everyone, so I've asked him to have that company come in when he's done. He thought that would be the middle of next week (or later that week at the latest).

Kindle, Thank you again for your prompt action and help in making sure this didn't become a problem. Because of your spotting this the day after we believe it happened (looks like somebody drove in and dumped a 5 gallon bucket) it has kept this to a very small area and according to Rich, didn't really impact the area.

We will forward you a copy of the "clean certification" when we receive it.

I will be gone for the next 2 weeks, but will still be in touch with my office and involved in this. If you have any questions or need any additional information, please call Norma Clauson in our office (425)775-4736.

Thank You again,

Dennis White

WorldWide Movers

Carl Anderson DOE

Hey Kindle,

I went by Friday later in the day then this morning on the way up to Bellingham. Looked really good. I also am working with Whatcom Environmental as to the best lab analysis for the samples to verify cleanup. Thanks for all your great work!

Carl

Carl Andersen

State On-Scene Coordinator

Washington State Department of Ecology

Spill Response Section
1440 10th Street, Suite 102
Bellingham, WA 98225-7028
(360) 715-5214 Main Office

<http://www.ecy.wa.gov/programs/spills/spills.html>



Department of Ecology - Environmental Report Tracking System

ERTS # 660140

Initial Report

External Reference # STATE INCIDENT #15-4091

Caller Information

Name KENDALL WELSHANS
Business Name CITY OF OAK HARBOR
Street Address
Other Address
City OAK HARBOR **State** WA **Zip**
E-mail Confidential_FL
Phone (306) 914-7994 **Ext**
Type Business

Where did it happen

Berth
Location Name 430 SE PIONEER WAY
Street Address
Other Address
City/Place OAK HARBOR **State** WA **Zip**
County - Region ISLAND NWRO FS ID
WIRA #
Waterway
Latitude
Longitude
Topo Quad 1.24.000 OAK HARBOR
Direction/Landmark (mile post, cross roads, township/range)

What happened

Spills Program Oil Spill? N

Incident Date 10/18/2015 **Received Date** 10/18/2015 15:41
Medium CATCH BASIN
Material SEWAGE/SLUDGE
Quantity 200 **Unit** GALLON
Source WASTEWATER TREATMENT PLANT
Cause UNKNOWN
Activity UNKNOWN
Impact WATER POLLUTION
Vessel Name
Hull Number

Primary Potentially Responsible Party Information

Name
Business Name CITY OF OAK HARBOR
Street Address
Other Address
City **State** WA **Zip**
Phone **Ext** **Type**
E-mail

Additional Contact Information

Name **Phone** **Ext** **Type**

More Information

REPORT RECEIVED FROM EOC. STATE INCIDENT NUMBER 15-4091:
 CITY OF OAK HARBOR FILED A HAZMAT INCIDENT WORKSHEET STATING A SEWAGE OVERFLOW OF 150-200 GALLONS INTO A TYPE II CATCH BASIN OCCURRED AND AT THE TIME OF THE REPORT WAS BEING CLEANED UP.
 REPORT RECEIVED BY AHR
 200 gallons of sewage released to storm drain after equipment failure at a private business. Sewage entered nearby storm drains. City of Oak Harbor responded to scene. Clean up underway. No threat to water.
 REPORT INFORMATION AT:
 X:\NWRO ERTS\ERTS Incident Additional Info\2015\660140

Entry Person Crotty, Colleen

Entry Date 10/19/2015

Department of Ecology - Environmental Report Tracking System

ERTS # 660140

Followup

Inspector Information		Where did it happen		Followup #1
Referral # 199674		Berth		
<input checked="" type="checkbox"/> Lead Inspector MAGINNIS, CHRISTINA		Anchorage		
Program/Organization WATER QUALITY		Location Name 430 SE PIONEER WAY		
* Region/Location BFO		Street Address		
# of Ecology Staff		Other Address		
Overtime <input type="checkbox"/>		City/Place OAK HARBOR State WA Zip		
Action		County ISLAND Region NWRO FS ID		
TELEPHONE	Start Date 10/20/2015	End Date 10/20/2015	Waterway	Type
			WRIA #	
What happened		Latitude		Longitude
Incident Date 10/18/2015		Topo Quad 1 24,000 OAK HARBOR		
Spills Program Oil Spill? N		Direction/Landmark (mile post, cross roads, township/range)		
Medium				
CATCH BASIN				
Material				
SEWAGE/SLUDGE				
Quantity	Unit	Est.		
200	GALLON	<input type="checkbox"/>		
Source		Potentially Responsible Party Information		
Regulated? <input type="checkbox"/>		Check if the primary PRP provided notice to Ecology <input type="checkbox"/>		
WASTEWATER TREATMENT PLANT		Primary <input checked="" type="checkbox"/> First Last		
Cause		Name		
UNKNOWN		Business Name CITY OF OAK HARBOR		
Activity		Street Address		
UNKNOWN		Other Address		
Impact		City State WA Zip		
WATER POLLUTION		Phone Ext Type		
Vessel		E-mail		
Narrative				
10-20-2015 Called Kindie Welshans from City of Oak Harbor regarding sewer overflow from a private business into the City's MS4. Kindie said that the private system had a grease clog in the sewer line that resulted in a sewer overflow of 100-200 gallons to 6 catch basins - 1 on private property, and 5 in the City's MS4. The restaurant was closed and water shut off until they cleaned out their sewer line and the clog was removed. Water service was then restored. The City vacated out the catch basins to remove the sewer.				
This incident has been resolved and ERTS report is closed				
Vessel Emergency <input type="checkbox"/>		Entry Person MAGINNIS CHRISTINA		Entry Date 10/20/2015



Department of Ecology ERTS:

October 18, 2015 ERTS# 660140

Address: 430 SE Pioneer Way, Oak Harbor WA. 98277

Description: The City of Oak Harbor was notified of a sewer overflow from Oak Harbor Café. The storm water crew responded. Shut down the restaurant and the hotel was notified to stop using any water. The storm water crew used there vactor to do the cleanup (cleaned out 6 catch basins) the sewage did make it to the MS4 but did not make it to the water. After cleaning the 6 catch basins the city storm water crew stayed on site to help with the rest of the cleanup and ensure no more sewage entered the MS4. The business owner had there plumber onsite. The cleanup work was done as of October 18, 2015. The business was closed for two days until the blockage was cleared. The owners were given handouts on grease disposal BMP'S and Illicit discharge. Closed out October 19, 2015

Kindle Sullivan

ksullivan@oakharbor.org

360-914-7994

Report
as L3 on
annual report

450 SE
Pioneer

sewer
illicit
discharge

City of Oak Harbor
Public Works Department
1400 N.E. 16th Avenue
Oak Harbor, WA 98277

Illicit Discharge Incident Report

From: City of Oak Harbor
To: Oak Harbor Cafe
Date: 10-18-2015
Subj: Illicit Discharge Incident

At 1:24 () AM () PM, on October 18, 2015 (Date), I discovered or observed an apparent Illicit Discharge, as defined in OHMC 12.50.005(10) at the following location:

450 SE Pioneer way

Description of incident, including possible substance involved:
sewer back up. sewer coming up out of the sewer cleanout

Responsible Party: Oak Harbor Cafe Address: 450 SE Pioneer Way
Phone:

DOB: _____ Ht: _____ Wt: _____ Hair _____ Eyes _____

Was incident reported by Responsible Party () Yes () No () Unknown

Notification made () Yes () No at OH cafe

Photographs taken () Yes () No By Kindle Welshans

Immediate corrective action taken () Yes () No By City of Oak Harbor

Action taken: City staff cleaned out 10 catch basins called the spill in to DOE. approx. 200 gal of sewer city staff had to shut down the restaurant and turn water off the the whole property. We used our vacator to keep sucking up the sewer water →

- Incident involved: () Property
() Street, storm drain, ditch or similar facility
() Building
() Vehicle
() Other, describe: _____

Additional Notes: Cleaned 10 catch basin

Kindle Welshans
Signature

until the overflow stopped. We also tested some of the rooms to figure out where the sewer lines flowed.

10-19- we meet the owner and plumber on site to help figure out the direction the sewer lines went. there ended up being a grease plug in the line from the kitchen.

The plumber said Pami (the owner) wanted him to come back and snake the line every month.

We explained to him that they can't have this happen again. The impact on the storm water that flows to the beach.

EPH - 5.5 hr.	}	10-18-2015
Hind 6 6.0 hr		
Vactor 5.5 hr.		

Department of Ecology - Environmental Report Tracking System

ERTS # 660879

Followup

Inspector Information		Where did it happen		Followup #1
Referral # 201145		Berth		Anchorage
<input checked="" type="checkbox"/> Lead Inspector McKone, Shawn		Location Name CITY OF OAK HARBOR STP		
Program/Organization WATER QUALITY		Street Address 1501 SE CITY BEACH ST		
* Region/Location NWRO		Other Address		
# of Ecology Staff 1	Overtime <input type="checkbox"/>	City/Place OAK HARBOR	State WA	Zip 98277-
Action	Start Date	End Date	County ISLAND	Region NWRO
TELEPHONE	11/18/2015		Waterway	FS ID
			WRIA #	
What happened	Spills Program Oil Spill? N	Latitude	48.286709	Longitude 122.653092
Incident Date 11/17/2015		Topo Quad 1.24.000	OAK HARBOR	
Medium		Direction/Landmark (mile post, cross roads, township/range)		
SOIL				
Material				
SEWAGE/SLUDGE				
Quantity Unit	Est.			
300000 GALLON	<input type="checkbox"/>			
Source	Regulated? <input type="checkbox"/>	Potentially Responsible Party Information		
WASTEWATER TREATMENT PLANT		Check if the primary PRP provided notice to Ecology <input type="checkbox"/>		
		Primary <input checked="" type="checkbox"/>	First	Last
		Name		
Cause		Business Name CITY OF OAK HARBOR STP		
EQUIPMENT FAILURE		Street Address 1501 SE CITY BEACH ST		
		Other Address		
		City OAK HARBOR	State WA	Zip 98277-
Activity		Phone (360) 279-4772	Ext	Type Business
ROUTINE/NORMAL OPERATIONS		E-mail		
Impact				
SOIL CONTAMINATION				
Vessel				
Narrative				
<p>Phone call to Brett Arvidson on 11/18/2015 at approximately 8:30 am. Mr. Arvidson reported that the event was a diversion of partially treated wastewater into an approximately 1.5 acre excavated area for the City's new wastewater treatment plant. The City had previously excavated and graded the area in preparation of additional construction. Recent storms had filled the area with approximately 1-2 feet of stormwater water (equivalent to approximately 0.5 to 1.0 million gallons) prior to the incident.</p> <p>A large storm event on 11/17/2015 overwhelmed the City's treatment system. Based on historical records, Mr. Arvidson estimated the storm as a 20-year storm event. The City's lagoon treatment plant was operating at capacity and the City was using tank space at the RBC plant for equalization. At approximately 6:00 pm on 11/17/2017, one of three pumps at the diversion pump station failed and the two remaining pumps could not keep up with the incoming flow. To prevent raw sewage overflows, the City diverted partially treated wastewater from the RBC plant to the construction area, using it as a temporary storage basin. Wastewater from the RBC plant had passed through screening, primary clarifiers, secondary clarifiers and disinfection with chlorine prior to diversion. The City diverted flow at a rate of 1000 gpm between until approximately 11:00pm on 11/17/2015 (approximately 5 hours).</p> <p>A portable pump was delivered to the site by approximately 8:00 am on 11/18/2015 to begin dewatering the excavation area. The City planned to discharge all water in the pit to the diversion pump station for treatment in the lagoon treatment plant. Excavation of the area is scheduled to resume in early December, which will remove all soil in the area to approximately 20 feet of depth.</p>				
Vessel Emergency <input type="checkbox"/>		Entry Person McKone, Shawn		Entry Date 11/18/2015



November 20, 2015

Shawn McKone, Facility Manager
Department of Ecology
Northwest Regional Office
3190 - 160th Avenue SE
Bellevue, WA 98008-5452

RE: Wastewater Facility Overflow

Dear Mr. McKone:

This letter serves as notification by the City of Oak Harbor that the Wastewater Treatment Facility had an overflow situation that occurred on November 17, 2015. As you are aware, the City pumps all of its wastewater to the Lagoon Wastewater Treatment Plant located on the Seaplane Base at Crescent Harbor for treatment.

On the afternoon of November 17, the entire Puget Sound area experienced heavier than normal rains in a short period of time, and this was the case for Oak Harbor as well. During this rain event, the City also had a diversion pump fail at the facility. As soon as we became aware of the pump failure, City staff made arrangements to get a replacement pump on site. We located a rental pump in Kent however the supplier could not deliver the pump as all their drivers were making other deliveries. In order to expedite the repair, the City sent an employee to Kent to pick up the pump. The employee returned with 6-inch Godwin pump at approximately 11:30 p.m.

Due to the saturated soil conditions from previous rains and the heavy rainfall on November 17, the amount of flow to the diversion lift station was significantly higher than normal. The flows were nearly 5 times our normal summertime flow. A flow meter at the Lagoon Wastewater Treatment Plant measured 6.6 million gallons for the day. This far surpassed our previous record flow of 5 million gallons. The two pumps that were working were unable to keep up with the flow. We utilized the RBC chambers, clarifiers and the contact chamber at the RBC plant along with the Pioneer Way lift station as storage to help equalize the flows however there was not enough capacity in these facilities to provide sufficient storage. When it became clear that we were going to have an overflow it was determined that rather than sending partially treated and chlorinated wastewater to Oak Harbor Bay, we would pump it to a contained area at construction site for the new wastewater treatment plant where it would be held until such time as we could pump it back to the treatment plant. The area was previously excavated to a depth of approximately 5 to 7 feet and is fully fenced.

When the overflow occurred City project engineer, Brett Arvidson, notified DOE of the overflow using the 24 hour number.

On the morning of November 18, flows to the plant had subsided and we set up the Godwin pump and began pumping from the containment site to the treatment plant. We anticipate that the containment area will be fully pumped out by November 21.

865 S.E. Barrington Drive • Oak Harbor, Washington 98277-4092 • City Hall (360) 279-4500

We estimate that 300,000 gallons of semi treated and chlorinated wastewater was pumped into the containment area at the construction site.

As you know, the City is working on replacing the two aging facilities with a new MBR treatment plant which will ultimately prevent this from happening again. In the meantime, city staff and our design team for the new MBR facility are working on a plan to improve the influent pump stations capacity. We are looking at increasing the impeller size in the two existing pumps and either maintaining the rental pump from Godwin or installing another matching pump until the new plant is online.

Treatment plant staff notified Island County Health Department on November 18, 2015.

Should you have any questions on this matter, please contact me.

Sincerely,

Steve Bebee
Operations Manager
Wastewater, Storm Water & Solid Waste
City of Oak Harbor
(360) 279-4764
sbebee@oakharbor.org

Department of Ecology - Environmental Report Tracking System

ERTS # 661496

Initial Report

External Reference #

Caller Information

First Last
 Name SAMUEL GRAY
 Business Name CURA EMERGENCY SERVICES
 Street Address 6205 CHAPEL HILL BLVD
 Other Address SUITE 100
 City PLANO State TX Zip 75093
 E-mail Confidential_FL
 Phone Ext Type
 (972) 345-4320 Business

Where did it happen

Berth Anchorage
 Location Name
 Street Address 33395 RT 20
 Other Address
 City/Place OAK HARBOR State WA Zip 98277
 County - Region ISLAND NWRO FS ID
 WIRA #
 Waterway Type
 Latitude Longitude
 Topo Quad 1 24 000 OAK HARBOR
 Direction/Landmark (mile post, cross roads, township/range)

What happened

Spills Program Oil Spill? Y

Incident Date 12/11/2015 Received Date 12/11/2015 0 03
 Medium Impermeable surface
 Material Diesel Oil
 Sheen Only Quantity To Water
 2
 Source Commercial Truck
 Type Vehicle Primary

Primary Potentially Responsible Party Information

First Last
 Name
 Business Name IDEAL LEASE
 Street Address 430 N RAND
 Other Address
 City NORTH BARRINGTON State IL Zip 60010
 Phone (847) 304-6000 Ext Type Business
 E-mail

Cause
 Incident Type Oil Spill
 Activity Underway or in motion
 Impact CONTAMINATED ROADWAY/PARKING LOT
 Vessel Name
 Hull Number

Additional Contact Information

Name Phone Ext Type

More Information

AH REPORT

CURA EMERGENCY SERVICES IS REPORTING A RELEASE OF 2 GALLONS OF DIESEL FROM A TRACTOR TRUCK TO PAVEMENT DUE TO MECHANICAL FAILURE. ACTIVITY UNKNOWN. ADSORBENTS DEPLOYED. WEATHER RAINY.

REPORT LOCATED:
 X:INWRO ERTS\ERTS Incident Additional Info\2015\661496

Entry Person Crotty, Colleen

Entry Date 12/14/2015



Department of Ecology ERTS:

December 11, 2015 ERTS# 661496

Address: 33395 State Route 20. Oak Harbor WA. 98277

Description: The City of Oak Harbor was notified of a fuel spill (approx. 2gl) from a tractor trailer truck due to mechanical failure. Floor dry absorbent material used for cleanup. On pavement only did not make it into any storm water catch basins. Cleanup work completed December 11, 2015

Kindle Sullivan

ksullivan@oakharbor.org

360-914-7994

Department of Ecology - Environmental Report Tracking System

ERTS # 661675

Initial Report

External Reference #

Caller Information

Where did it happen

First Name STEVE	Last Name BEBEE	Berth	Anchorage
Business Name CITY OF OAK HARBOR		Location Name	
Street Address		Street Address 550 SW WATERLOO RD	
Other Address		Other Address	
City OAK HARBOR	State WA	City/Place OAK HARBOR	State WA Zip 98277
E-mail	Zip 98277	County - Region ISLAND	NWRO FS ID
	Confidential_FL <input type="checkbox"/>	WIRA # WRIA 6 - Island Watershed	
Phone	Ext	Waterway	Type DITCH
(360) 279-4764		Latitude	Longitude
	Type Business	Topo Quad 1:24 000 OAK HARBOR	

What happened

Spills Program Oil Spill? Y

Direction/Landmark (mile post, cross roads, township/range)
CROSS STREET OF BALDA

Incident Date 12/21/2015 **Received Date** 12/21/2015 14:20

Medium Fresh water

Material Hydraulic Oil

Sheen Only **Quantity** 30 **To Water**

Source Construction/utility vehicle
Type Vehicle

Cause

Incident Type Oil Spill
Activity Underway or in motion
Impact WATER POLLUTION

Vessel Name

Hull Number

Primary

Primary Potentially Responsible Party Information

First Name	Last Name
Name	
Business Name CITY OF OAK HARBOR	
Street Address	
Other Address	
City	State WA Zip
Phone	Ext Type
E-mail	

Additional Contact Information

Name	Phone	Ext	Type
-------------	--------------	------------	-------------

More Information

CALLER REPORTING APPROXIMATELY 30 GALLONS OF HYDRAULIC FLUID SPILLED FROM A GARBAGE TRUCK AT APPROXIMATELY 1300-1315 TODAY DUE TO A BREAK IN THE HYDRAULIC LINE. FLUID WENT TO PAVEMENT AND WASHED IT INTO A DITCH WITH RUNNING WATER (DUE TO RAIN). AREA IS BOOMED AND A VAC TRUCK IS ON THE SCENE.

Entry Person Crotty, Colleen

Entry Date 12/21/2015

Department of Ecology - Environmental Report Tracking System

ERTS # 661675

Followup

Inspector Information		Where did it happen		Followup #1
Referral # 202794		Berth Anchorage		
<input checked="" type="checkbox"/> Lead Inspector Schwalka, Chad		Location Name		
Program/Organization SPILLS, PREVENTION, PREPAREDNESS AND RESPONSE		Street Address 550 SW WATERLOO AVE		
* Region/Location NWRO		Other Address		
# of Ecology Staff 2 Overtime <input type="checkbox"/>		City/Place OAK HARBOR State WA Zip 98277-		
Action		County ISLAND Region NWRO FS ID		
FIELD RESPONSE - INVESTIGATION		Waterway Type DITCH		
Start Date 12/21/2015 End Date 12/22/2015		WRIA # WRIA 6 - Island Watershed		
What happened		Latitude 48.271832 Longitude 122.664172		
Spills Program Oil Spill? Y		Topo Quad 1:24,000 OAK HARBOR		
Incident Date 12/21/2015		Direction/Landmark (mile post, cross roads, township/range)		
Medium Fresh water				
Material				
Hydraulic Oil <input type="checkbox"/> Sheen Only				
Quantity To Water To Imperm Recover NRDA Est				
30 30 0 18 <input type="checkbox"/>				
Source Regulated? <input type="checkbox"/>		Potentially Responsible Party Information		
Non-commercial vehicle		Check if the primary PRP provided notice to Ecology <input type="checkbox"/>		
Type Vehicle		Primary <input checked="" type="checkbox"/> First Last		
Cause Mechanical Failure		Name STEVE BEEBEE		
Type Equipment Failure		Business Name CITY OF OAK HARBOR		
Primary <input checked="" type="checkbox"/>		Street Address		
		Other Address		
		City State WA Zip		
		Phone Ext Type		
		E-mail		
Incident Type				
Oil Spill				
Activity				
Underway or in motion				
Impact				
WATER POLLUTION				
Vessel				
Narrative				
<p>CS ROTD - Spoke with Mr. Beebee from the City of Oak Harbor - Manager Storm water Program / Solid Waste, Stating that while conducting routine operations, a city garbage truck blew a hydraulic hose leading to the discharge of ~ 30 gals of hydraulic oil to the roadside ditch. 30 gals is the approximately capacity of the hydraulic system onboard the vehicle. Current weather conditions at the time of the discharge was steady heavy rain. With these rains some product was able to flow downstream through the ditch system out to the outfall one block away to Oak Harbor before containment could occur. At the time of notification to Ecology, the City dispatched their spill response crew and vac truck to the site. Pictures emailed to CS indicate 10-15 gals of recoverable product that would be able to be accessed via vac truck for recovery.</p> <p>12/22/2015 - Response was made by CS and KM to assess cleanup. ECY responders accessed impacts from the origination point of the spill to the outfall into Oak Harbor. Only a small amount of residual sheen remained. City left several sausage booms in place to recover any additional product released from vegetation etc. over the next several days. ECY deemed no further cleanup was needed. CS followed up with Mr. Beebee about whether or not further product may have remained in the hydraulic reservoir, hoses etc. in hopes to gather a more precise quantity spilled. The City's vehicle mechanic confirmed that 30 gals of product was lost at the time of spill. The City's team believes 15-20 gals of product was recovered from the incident site and water filled ditches; leaving 10-15 gals of product being discharged to Oak Harbor. CS spoke with Mr. Beebee regarding a NRDA, and possible enforcement.</p> <p>12/23/2015 - CS emailed Mr. Beebee NRDA focus sheet and Oil Recovery Credit Form. CS briefed DD regarding quantities and possible NRDA.</p>				
Vessel Emergency <input type="checkbox"/>		Entry Person Schwalka, Chad		Entry Date 12/23/2015



Department of Ecology ERTS:

December 21, 2015 ERTS# 661675

Address: 550 SW Waterloo Rd Oak Harbor WA. 98277

Description: The City of Oak Harbor was notified of a hydraulic spill from one of the City of Oak Harbor garbage trucks. (30gl).The storm water crew and solid waste crew responded. They used floor dry absorbent material on the roadway and put absorbent booms in the ditches and around the catch basins. The vacuum sweeper and vactor truck were used in the cleanup. The booms were left in the ditches for several days. The cleanup work was completed December 21, 2015 The booms were removed a few days later.

Kindle Sullivan

ksullivan@oakharbor.org

360-914-7994

2015 Illicit Discharge Educational Log:							
1/6/2015		670 SE Pioneer Way		"Rustica" Restaurant		Educational visit to newly opened restaurant; gave BMP Pamphlet to owner Jason.	1
1/6/2015		SVC, Whidbey Island Campus		"Sho Nuff" BBQ		Educational visit with owner, Fred, reference grease protection for BBQ equipment on concrete surface.	1
1/14/2015		Cherry Hill HOA and Property Management		HOA Presentation		Two hour presentation on storm water detention facilities and drainage conducted on-site.	3
1/21/2015		Oak Harbor High School Automotive class		Classroom Presentation		Video presentation, Storm Water Pollution Prevention.	71
1/23/2015		31990 SR 20 AM PM ARCO		Kiran Asher		Assisted owner with formulation of spill response plan.	5
3/6/2015		Franks Place		Franks Place		Provided owner with hand-written letter containing instructions for proper grease disposal when cleaning grease trap.	1
3/17/2015		Harbor Crest Apartments 745 SE 8th Brad Walters		Harbor Crest Apartments		Paint dumped in catch basin Owner said he dumped it I sent illicit discharge info and info on using a car wash kit for cleaning outside areas	1
3/25/2015		Melrose Rose Hill Barbara from Acorn Property		Rose Hill		On-site education for storm water facility maintenance with Rose Hill property management personnel.	1
3/26/2015		145 SW 8th Ave		Homeowner Candis		contacted homeowner about illicit discharge / they have a hose from a sump pump across the sidewalk.	1
3/26/2015		825 NW Prow St		Homeowner Tammy Holic		travel trailer hooked into the sewer cleanout / living in trailer while getting house ready to sell	2
3/24/2015		Nothwest veterinary best friend veterinary doris campbell veterinary		VETS		Provided doggie bags for pet owners to clean up their poop.	2
3/30/2015		Northwest Veterinary		Public pet owners		Provided a trash can labelled "please pick up after your pet" and some poop bags.	2
4/1/2015		Preventive Maintenance Program implemented creation of on-board spill kits.		Public Works		Following a series of spills related to equipment failures, a spill kit has been placed aboard public works vehicles.	6
3/12/2015		Municipal Storm Water Pollution Prevention activity		Water Dept		Training including a video and a quiz about prevention of storm water pollution.	4 participants
3/16/2015		Municipal Storm Water Pollution Prevention activity		Parks Dept		Training including a video and a quiz about prevention of storm water pollution.	5 participants
3/18/2015		Municipal Storm Water Pollution Prevention activity		Street/Mechanic Depts		Training including a video and a quiz about prevention of storm water pollution.	5 participants
3/24/2015		Municipal Storm Water Pollution Prevention activity		Solid Waste Dept		Training including a video and a quiz about prevention of storm water pollution.	6 participants
2/27/2015		"Skills & Spills" Non-Emergency Hazmat Response		Solid Waste Dept		New Hire training	1 participant
3/27/2015		"Don't Top Off Your Gas Tank" presentation		Admin		US Environmental Protection Agency educational handout.	4 participants
3/27/2015		"Don't Top Off Your Gas Tank" presentation		Engineer Dept		US Environmental Protection Agency educational handout.	6 participants
4/1/2015		"Don't Top Off Your Gas Tank" presentation		Street Dept		US Environmental Protection Agency educational handout.	4 participants
4/3/2015		"Don't Top Off Your Gas Tank" presentation		Parks/WWC/SD		US Environmental Protection Agency educational handout.	2 participants
	5/15/2015	"Don't Top Off Your Gas Tank" presentation		OHHS Auto Mechanics Class		US Environmental Protection Agency educational handout.	71
3/27/2015	Mar-15	BMP Pamphlet ref waste cooking oil storage & disposal		Local restaurants		Updated and distributed pamphlet to 53 restaurants and food service facilities in Oak Harbor.	53 recipients

4/30/2015		Storm Drain stenciling by community volunteer		OHHS Student	25 hours community service project connected with Miss Oak Harbor Pageant.	1	
		Presentation - Proper Grease Trap Disposal		China Harbor & W.I. Health Dept	Site visit to explain proper method of disposing of waste oil/grease products.	3	
4/20/2015		Presentation - Dumpster Maintenance Webinar		DOE	Keith Jameson and Kindle Welshans	2	
4/20/2015		HOA Presentation - Stormwater Maintenance Education		Island Place HOA	Kindle Welshans	3	
5/11/2015		Hand out Stormwater and Grease educational flyers		West Meadows & Meadow Park	110 flyers distributed by Kindle Welshans to all residents of these developments.	110	
		Storm Water videos		OHHS Science Class	Shown to 30 students	30	
	10/19/2015	Spill clean up BMP's		Whidbey Coffee	Provided pamphlet to Managers Hilary/ Shannon they will do the training with employees	2	
	1/21/2015	Storm Water videos		OHHS Mechanics classes	Shown to 78 students	78	
	9/28/2015	Spill clean up BMP's		Jason Gayhan	Provided pamphlet to contractor	4	
	9/24/2015	Spill clean up BMP's		Ray Bouza	Provided pamphlet to carpet cleaning contractor/ no dumping dirty water in the street	1	
	9/21/2015	Cleaning BMP's		Rustica	Provided pamphlet to Restaurant Staff	3	
	5/6/2015	Construction BMP's		Zurcher Bulldozing & Excavation	Provided pamphlet to contractor	1	
	5/1/2015	Informational Visit		Oak Harbor Marina	Las Islas Mobile Taco Stand - conducted waste oil disposal orientation with owner & staff.	2	
	7/7/2015	Informational Visit		Enterprise Auto Rental	Discussed storm drain protection measures for car rental agency's wash facility with manager.	2	
	7/7/2015	Informational Visit		Gateway Transmissions	Conducted orientation with Owner & staff reference disposal of waste automotive fluids.	2	
	2/20/2015	BMP's		Wendy's	BMP'S House keeping Use of car wash kit for sidewalk clean up	6	
	4/15/2015	Pet Waste and disposal		Fairway Point HOA	Gave her some poo bags to hand out to residents.	1	
	5/4/2015	erosion control		contractor	gave the a filter sock for the catch basin and flyers on illicit discharge	1	
	8/19/2015	"Skills & Spills" Non-Emergency Hazmat Response		OHPW Streets Dept	New Hire training	1	
	10/9/2015	"Skills & Spills" Non-Emergency Hazmat Response		OHPW Water Dept	New Hire training	2	
	8/19/2015	Touch A Truck		Open to the Public	Storm water run-off table set up for kids to learn how system works.	unkown amount	
	10/6/2015	Big Rig Days		Hillcrest elementary	Presentation on StormWater stenciling and posters colored for enviromental signs on trucks, books given to teachers on Only Rain Down The Drain	75	
					Total customer contact and training:	560	



Water Quality Program

Permit Submittal Electronic Certification

Permittee: OAK HARBOR CITY

Permit Number: WAR045554

Site Address: 865 SE BARRINGTON DR
Oak Harbor, WA 98277

Submittal Name: MS4 Annual Report Phase II Western

Version: 1

Due Date: 3/31/2016

Questionnaire

Number	Permit Section	Question	Answer
1	S5.A.2	Attach updated annual Stormwater Management Program Plan (SWMP Plan). (S5.A.2)	Oak Harbor final SWMP Plan 01__1_0111201608310 2
2	S9.D.5	Attach a copy of any annexations, incorporations or boundary changes resulting in an increase or decrease in the Permittee's geographic area of permit coverage during the reporting period per S9.D.5.	Not Applicable
3	S5.A.3	Implemented an ongoing program to gather, track, and maintain information per S5.A.3, including costs or estimated costs of implementing the SWMP.	Yes
4	S5.A.5.b	Coordinated among departments within the jurisdiction to eliminate barriers to permit compliance. (S5.A.5.b)	Yes
5	S5.C.1.a.i and ii	Attach description of public education and outreach efforts conducted per S5.C.1.a.i and ii.	2015 Illicit Discharge Educati_5_0211201612 5642
6	S5.C.1.b	Created stewardship opportunities (or partnered with others) to encourage resident participation in activities such as those described in S5.C.1.b.	Yes
7	S5.C.1.b	Used results of measuring the understanding and adoption of targeted behaviors among at least one audience in at least one subject area to direct education and outreach resources and evaluate changes in adoption of targeted behaviors. (Required no later than February 2, 2016, S5.C.1.b)	Yes
7b	S5.C.1.b	Attach description of how this requirement was met.	Oak Harbor Restaurant Project- _7b_02082016083938

8	S5.C.2.a	Describe the opportunities created for the public to participate in the decision making processes involving the development, implementation and updates of the Permittee's SWMP. (S5.C.2.a)	It is the Storm Drain Division of the Public Works Department to provide opportunities for the public to participate in the decision-making processes involving the development, implementation and update of the City's SWMP. During the initial development of the SWMP, the Storm Drain Division advertised meetings in the Whidbey News Times. There was only one member of the public who attended one meeting. The Storm Drain Division of Public Works has posted the SWMP Plan and the annual reports on the City's website in accordance with the City's NPDES Phase II permit. In an attempt to increase public interest and knowledge about the City's SWMP in 2016, the Engineering and Storm Drain Divisions of Public Works will work together to include the SWMP as part of the Stormwater Comprehensive Plan Update that will begin in spring 2016.
9	S5.C.2.b	Posted the updated SWMP Plan and latest annual report on your website no later than May 31. (S5.C.2.b)	Yes
9b	S5.C.2.b	List the website address.	http://www.oakharbor.org/page.cfm?pagelid=216
10	S5.C.3.a.i - vi	Maintained a map of the MS4 including the requirements listed in S5.C.3.a.i.-vi.	Yes
11	S5.C.3.b.v	Implemented a compliance strategy, including informal compliance actions as well as enforcement provisions of the regulatory mechanism described in S5.C.3.b. (S5.C.3.b.v)	Yes
12	S5.C.3.b.vi	Updated, if necessary, the regulatory mechanism to effectively prohibit illicit discharges into the MS4 per S5.C.3.b.vi. (Required no later than February 2, 2018)	Yes
12b		Cite the Prohibited Discharges code reference	12.50 Illicit Discharge Prohibited
13	S5.C.3.c.i	Implemented procedures for conducting illicit discharge investigations in accordance with S5.C.3.c.i.	Yes

13b	S5.C.3.c.i	Cite methodology	Illicit Discharge and Elimination a Guidance Manual for Program Development and Technical Assessments
14	S5.C.3.c.i	Percentage of MS4 coverage area screened in reporting year per S5.C.3.c.i. (Required to screen 40% of MS4 no later than December 31, 2017 (except no later than June 30, 2018 for the City of Aberdeen) and 12% on average each year thereafter. (S5.C.3)	18
15	S5.C.3.c.ii	List the hotline telephone number for public reporting of spills and other illicit discharges. (S5.C.3.c.ii)	360 279-4500 or 360 279- 4699
15b	S5.C.3.c.ii	Number of hotline calls received.	0
16	S5.C.3.c.iii	Implemented an ongoing illicit discharge training program for all municipal field staff per S5.C.3.c.iii.	Yes
17	S5.C.3.c.iv	Informed public employees, businesses, and the general public of hazards associated with illicit discharges and improper disposal of waste. (S5.C.3.c.iv)	Yes
17b	S5.C.3.c.iv	Describe the information sharing actions. (S5.C.3.c.iv)	The City of Oak Harbor reaches out to employees and the public in a number of ways to provide education about preventing and dealing with Illicit Discharges. City employees undergo training in the r Spills and Skills Non-Emergency HazMat response, Municipal Storm Water Pollution Prevention, and MS4 Rain Check training. Festival organizers for events such as Holland Happening and 4th of July are provided letters with a list of rules and expectations about our FOG and Illicit Discharge Programs. We meet with business and restaurant owners and staff, providing orientations and handouts on best management practices, outdoor cleaning and washdown procedures, use of the city's car wash kits, and proper management of waste oil/grease recycle containers. We get information to the public through the city's Channel 10 TV station

			with an Illicit Discharge Detection and Elimination video. In schools we provide informational handouts to the auto mechanics class on "Don't Top off Your Tank" and to the science classes with videos about Illicit Discharge Detection and Elimination, Urban Storm Water Pollution, and the Cycle of Insanity, depending upon their curriculum. City staff conduct presentations in the class rooms upon request. We also try to have as many youth-based groups as possible do storm drain stenciling , along with city employees. During 2015, this activity totaled 1331 trainings and face-to-face contacts.
18	S5.C.3.d	Implemented an ongoing program to characterize, trace, and eliminate illicit discharges into the MS4 per S5.C.3.d.	Yes
19	S5.C.3.d.iv	Number of illicit discharges, including illicit connections, eliminated during the reporting year. (S5.C.3.d.iv)	8
20	S5.C.3.d.iv	Attach a summary of actions taken to characterize, trace and eliminate each illicit discharge found by or reported to the permittee. For each illicit discharge, include a description of actions according to required timeline per S5.C.3.d.iv	2015 ERTS_20_0219201603 0421
21	S5.C.3.e	Municipal illicit discharge detection staff are trained to conduct illicit discharge detection and elimination activities as described in S5.C.3.e.	Yes
22	S5.C.4.a	Implemented an ordinance or other enforceable mechanism to address runoff from new development, redevelopment and construction sites per the requirements of S5.C.4.a.	Yes
24	S5.C.4.a.i	Number of exceptions granted to the minimum requirements in Appendix 1. (S5.C.4.a.i., and Section 6 of Appendix 1)	0
25	S5.C.4.a.i	Number of variances granted to the minimum requirements in Appendix 1. (S5.C.4.a.i., and Section 6 of Appendix 1)	0
26	S5.C.4.b.i	Reviewed Stormwater Site Plans for all proposed development activities that meet the thresholds adopted pursuant to S5.C.4.a.i. (S5.C.4.b.i)	Yes

26b	S5.C.4.b.i	Number of site plans reviewed during the reporting period.	10
27	S5.C.4.b.ii	Inspected, prior to clearing and construction, permitted development sites that have a high potential for sediment transport as determined through plan review based on definitions and requirements in Appendix 7 Determining Construction Site Sediment Damage Potential, or alternatively, inspected all construction sites meeting the minimum thresholds adopted pursuant to S5.C.4.a.i. (S5.C.4.b.ii)	Yes
27b	S5.C.4.b.ii	Number of construction sites inspected per S5.C.4.b.ii.	2
28	S5.C.4.b.iii	Inspected permitted development sites during construction to verify proper installation and maintenance of required erosion and sediment controls. (S5.C.4.b.iii)	Yes
28b	S5.C.4.b.iii	Number of construction sites inspected per S5.C.4.b.iii.	2
29	S5.C.4.b.ii, iii and	Number of enforcement actions taken during the reporting period (based on construction phase inspections at new development and redevelopment projects). (S5.C.4.b.ii, iii and v)	0
30	S5.C.4.b.iv	Inspected all permitted development sites that meet the thresholds in S5.C.4.a.i upon completion of construction and prior to final approval or occupancy to ensure proper installation of permanent stormwater facilities. (S5.C.4.b.iv)	Yes
31	S5.C.4.b.ii-iv	Achieved at least 80% of scheduled construction-related inspections. (S5.C.4.b.ii-iv)	Yes
32	S5.C.4.b.iv	Verified a maintenance plan is completed and responsibility for maintenance is assigned for projects. (S5.C.4.b.iv)	Yes
33	S5.C.4.c	Implemented provisions to verify adequate long-term operation and maintenance (O&M) of stormwater treatment and flow control BMPs/facilities that are permitted and constructed pursuant to S5.C.4. a and b. (S5.C.4.c)	Yes
35	S5.C.4.c.iii	Annually inspected stormwater treatment and flow control BMPs/facilities per S5.C.4.c.iii.	Yes
35b	S5.C.4.c.iii	If using reduced inspection frequency for the first time during this permit cycle, attach documentation per S5.C.4.c.iii	Not Applicable
36	S5.C.4.c.iv	Inspected new residential stormwater treatment and flow control BMPs/facilities and catch basins every 6 months per S5.C.4.c.iv to identify maintenance needs and enforce compliance with maintenance standards.	Yes
37	S5.C.4.c.v	Achieved at least 80% of scheduled inspections to verify adequate long-term O&M. (S5.C.4.c.v)	Yes
38	S4.C.4.c.vi	Verified that maintenance was performed per the schedule in S5.C.4.c.vi when an inspection identified an exceedance of the maintenance standard.	Not Applicable

38b	S5.C.4.c.vi	Attach documentation of any maintenance delays. (S5.C.4.c.vi)	Not Applicable
39	S5.C.4.d	Provided copies of the Notice of Intent for Construction Activity and Notice of Intent for Industrial Activity to representatives of proposed new development and redevelopment. (S5.C.4.d)	Yes
40	S5.C.4.e	All staff responsible for implementing the program to control stormwater runoff from new development, redevelopment, and construction sites, including permitting, plan review, construction site inspections, and enforcement are trained to conduct these activities. (S5.C.4.e)	Yes
42	S5.C.4.g	Participated and cooperated with the watershed-scale stormwater planning process led by a Phase I county. (S5.C.4.g)	Not Applicable
43	S5.C.5.a	Implemented maintenance standards as protective, or more protective, of facility function as those specified in Chapter 4 of Volume V of the 2005 Stormwater Management Manual for Western Washington.	Yes
44	S5.C.5.a	Applied a maintenance standard that is not specified in the Stormwater Management Manual for Western Washington.	No
44b	S5.C.5.a	Please note what kinds of facilities are covered by this alternative maintenance standard. (S5.C.5.a)	
45	S5.C.5.a.ii	Performed timely maintenance per S5.C.5.a.ii.	Yes
46	S5.C.5.b	Annually inspected all municipally owned or operated permanent stormwater treatment and flow control BMPs/facilities. (S5.C.5.b)	Yes
46b	S5.C.5.b	Number of known municipally owned or operated stormwater treatment and flow control BMPs/facilities. (S5.C.5.b)	23
46c	S5.C.5.b	Number of facilities inspected during the reporting period. (S5.C.5.b)	23
46d	S5.C.5.b	Number of facilities for which maintenance was performed during the reporting period. (S5.C.5.b)	23
47	S5.C.5.b	If using reduced inspection frequency for the first time during this permit cycle, attach documentation per S5.C.5.b.	Not Applicable
48	S5.C.5.c	Conducted spot checks and inspections (if necessary) of potentially damaged stormwater facilities after major storms as per S5.C.5.c.	Yes
49	S5.C.5.d	Inspected all municipally owned or operated catch basins and inlets as per S5.C.5.d, or used an alternative approach. (Required once no later than August 1, 2017 and every two years thereafter, except once no later than June 30, 2018 and every two years thereafter for the City of Aberdeen)	No
49b	S5.C.5.d	Number of known catch basins.	3378
49c	S5.C.5.d	Number of catch basins inspected during the reporting period.	597

49d	S5.C.5.d	Number of catch basins cleaned during the reporting period.	534
50	S5.C.5.d.i-ii	Attach documentation of alternative catch basin cleaning approach, if used. (S5.C.5.d.i or ii)	Not Applicable
51	S5.C.5.f	Implemented practices, policies and procedures to reduce stormwater impacts associated with runoff from all lands owned or maintained by the Permittee, and road maintenance activities under the functional control of the Permittee. (S5.C.5.f)	Yes
52	S5.C.5.g	Implemented an ongoing training program for Permittee employees whose primary construction, operations or maintenance job functions may impact stormwater quality. (S5.C.5.g.)	Yes
53	S5.C.5.h	Implemented a Stormwater Pollution Prevention Plan for all heavy equipment maintenance or storage yards, and material storage facilities owned or operated by the Permittee in areas subject to this Permit that are not required to have coverage under an NPDES permit that covers stormwater discharges associated with the activity. (S5.C.5.h)	Yes
54	S7.A	Complied with the Total Maximum Daily Load (TMDL)-specific requirements identified in Appendix 2. (S7.A)	Not Applicable
55	S7.A	For TMDLs listed in Appendix 2: Attach a summary of relevant SWMP and Appendix 2 activities to address the applicable TMDL parameter(s). (S7.A)	Not Applicable
56	S8.A	Attach a description of any stormwater monitoring or stormwater-related studies as described in S8.A.	Not Applicable
57	S8.B.1	Participated in cost-sharing for the regional stormwater monitoring program (RSMP) for status and trends monitoring. (S8.B.1)	Yes
57B	S8.B.2	If choosing to conduct individual status and trends monitoring, attach an annual stormwater monitoring report in accordance with S8.B.2. (Required to submit reports beginning March 31, 2016)	
58	S8.C.1	Participated in cost-sharing for the regional stormwater monitoring program (RSMP) for effectiveness studies. (S8.C.1) (Required to begin no later than August 15, 2014)	Yes
58b	S8.C.2	If choosing to conduct discharge monitoring, attach an annual stormwater monitoring report in accordance with S8.C.2 and Appendix 9. (Required to submit reports beginning March 31, 2016)	
59	S8.D.1	Contributed to the RSMP for source identification and diagnostic monitoring information repository in accordance with S8.D.1. (Required to begin no later than August 15, 2014)	Yes

60	G3	Notified Ecology in accordance with G3 of any discharge into or from the Permittees MS4 which could constitute a threat to human health, welfare or the environment. (G3)	Yes
61	G3	Number of G3 notifications provided to Ecology.	7
62	G3.A	Took appropriate action to correct or minimize the threat to human health, welfare, and/or the environment per G3.A.	Yes
63	S4.F.1	Notified Ecology within 30 days of becoming aware that a discharge from the Permittee's MS4 caused or contributed to a known or likely violation of water quality standards in the receiving water. (S4.F.1)	Yes
64	S4.F.3.a	If requested, submitted an Adaptive Management Response report in accordance with S4.F.3.a.	Yes
65	S4.F.3.d	Attach a summary of the status of implementation of any actions taken pursuant to S4.F.3 and the status of any monitoring, assessment, or evaluation efforts conducted during the reporting period. (S4.F.3.d)	Not Applicable
66	G20	Notified Ecology of the failure to comply with the permit terms and conditions within 30 days of becoming aware of the non-compliance. (G20)	Yes
67	G20	Number of non-compliance notifications (G20) provided in reporting year.	0
67b	G20	List the permit conditions described in non-compliance notification(s).	Not Applicable

I certify under penalty of law, that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Douglas Merriman

3/29/2016 11:47:50 AM

Signature

Date

Washington Department of Ecology Submission Cover Letter

**WQWebSubmittal - Submittal Submission Id: 1523772 - 3/29/2016
11:47:52 AM**

Report Received Dated:

3/29/2016 11:47:52 AM

Company Name	Signer Name	System Name
City of Oak Harbor	Douglas Merriman	WQWebPortal

Attachments:

Document Name of Description	Document File Name
WAR045554_20_02192016030421	2015 ERTS_20_02192016030421
WAR045554_1_01112016082912	Oak Harbor final SWMP Plan 01__1_01112016082912
WAR045554_7b_02082016083938	Oak Harbor Restaurant Project- _7b_02082016083938
Submitted Copy of Record for City of Oak Harbor	Copy of Record CityofOakHarbor Tuesday March 29 2016
WAR045554_5_02112016125642	2015 Illicit Discharge Educati_5_02112016125642
WAR045554_1_01112016083102	Oak Harbor final SWMP Plan 01__1_01112016083102

Attestation Agreed to at Signing:

I certify I personally signed and submitted to the Department of Ecology an Electronic Signature Agreement. I understand that use of my electronic signature account/password to submit this information is equal to my written signature. I have read and followed all the rules of use in my Electronic Signature Agreement. I believe no one but me has had access to my password and other account information.

I further certify: I had the opportunity to review the content or meaning of the submittal before signing it; and to the best of my knowledge and belief, the information submitted is true, accurate, and complete. I intend to submit this information as part of the implementation, oversight, and enforcement of a federal environmental program. I am aware there are significant penalties for submitting false information, including possible fines and imprisonment.

**For Ecology Use Only ---
Dev**



QO6aEVcqWBI+3BV9fin3eppVpr6RPEwLPKY0VyByhKGqfNOvw0HFwTJ2uGcy169Ttm
+RGsZ3/W9k/yZWok1Y2Y+Kfvyyq+KcKSmlSppaTeR8=



Submittals WQWebSubmittal

WQWebSubmittal Home WQWebPortal Home Help FAQs

Annual Report

Question Number	Permit Section	Questions
1	S5.A.2	Attach updated annual Stormwater Management Program Plan (SWMP Plan). (S5.A.2) Saved Document Name: Oak Harbor final SWMP Plan 01__1_01112016083102
2	S9.D.5	Attach a copy of any annexations, incorporations or boundary changes resulting in an increase or decrease in the Permittee's geographic area of permit coverage during the reporting period per S9.D.5. Not Applicable
3	S5.A.3	Implemented an ongoing program to gather, track, and maintain information per S5.A.3, including costs or estimated costs of implementing the SWMP. Yes
4	S5.A.5.b	Coordinated among departments within the jurisdiction to eliminate barriers to permit compliance. (S5.A.5.b) Yes
5	S5.C.1.a.i and ii	Attach description of public education and outreach efforts conducted per S5.C.1.a.i and ii. Saved Document Name: 2015 Illicit Discharge Educati_5_02112016125642
6	S5.C.1.b	Created stewardship opportunities (or partnered with others) to encourage resident participation in activities such as those described in S5.C.1.b. Yes
7	S5.C.1.b	Used results of measuring the understanding and adoption of targeted behaviors among at least one audience in at least one subject area to direct education and outreach resources and evaluate changes in adoption of targeted behaviors. (Required no later than February 2, 2016, S5.C.1.b) Yes
7b	S5.C.1.b	Attach description of how this requirement was met. Saved Document Name: Oak Harbor Restaurant Project- 7b_02082016083938
8	S5.C.2.a	Describe the opportunities created for the public to participate in the decision making processes involving the development, implementation and updates of the Permittee's SWMP. (S5.C.2.a) It is the Storm Drain Division of the Public Works Department to provide opportunities for the public to participate in the decision-making processes involving the development, implementation and update of the City's SWMP. During the initial development of the SWMP, the Storm Drain Division advertised meetings in the Whidbey News Times. There was only one member of the public who attended one meeting. The Storm Drain Division of Public Works has posted the SWMP Plan and the annual reports on the City's website in accordance with the City's NPDES Phase II permit. In an attempt to increase public interest and knowledge about the City's SWMP in 2016, the Engineering and Storm Drain Divisions of Public Works will work together to include the SWMP as part of the Stormwater Comprehensive Plan Update that will begin in spring 2016.
9	S5.C.2.b	Posted the updated SWMP Plan and latest annual report on your website no later than May 31. (S5.C.2.b) Yes

9b	S5.C.2.b	List the website address. http://www.oakharbor.org/page.cfm?pageId=216
10	S5.C.3.a.i - vi	Maintained a map of the MS4 including the requirements listed in S5.C.3.a.i.-vi. Yes
11	S5.C.3.b.v	Implemented a compliance strategy, including informal compliance actions as well as enforcement provisions of the regulatory mechanism described in S5.C.3.b. (S5.C.3.b.v) Yes
12	S5.C.3.b.vi	Updated, if necessary, the regulatory mechanism to effectively prohibit illicit discharges into the MS4 per S5.C.3.b.vi. (Required no later than February 2, 2018) Yes
12b		Cite the Prohibited Discharges code reference 12.50 Illicit Discharge Prohibited
13	S5.C.3.c.i	Implemented procedures for conducting illicit discharge investigations in accordance with S5.C.3.c.i. Yes
13b	S5.C.3.c.i	Cite methodology Illicit Discharge and Elimination a Guidance Manual for Program Development and Technical Assessments
14	S5.C.3.c.i	Percentage of MS4 coverage area screened in reporting year per S5.C.3.c.i. (Required to screen 40% of MS4 no later than December 31, 2017 (except no later than June 30, 2018 for the City of Aberdeen) and 12% on average each year thereafter. (S5.C.3) 18
15	S5.C.3.c.ii	List the hotline telephone number for public reporting of spills and other illicit discharges. (S5.C.3.c.ii) 360 279-4500 or 360 279- 4699
15b	S5.C.3.c.ii	Number of hotline calls received. 0
16	S5.C.3.c.iii	Implemented an ongoing illicit discharge training program for all municipal field staff per S5.C.3.c.iii. Yes
17	S5.C.3.c.iv	Informed public employees, businesses, and the general public of hazards associated with illicit discharges and improper disposal of waste. (S5.C.3.c.iv) Yes
17b	S5.C.3.c.iv	Describe the information sharing actions. (S5.C.3.c.iv) The City of Oak Harbor reaches out to employees and the public in a number of ways to provide education about preventing and dealing with Illicit Discharges. City employees undergo training in the r Spills and Skills Non-Emergency HazMat response, Municipal Storm Water Pollution Prevention, and MS4 Rain Check training. Festival organizers for events such as Holland Happening and 4th of July are provided letters with a list of rules and expectations about our FOG and Illicit Discharge Programs. We meet with business and restaurant owners and staff, providing orientations and handouts on best management practices, outdoor cleaning and washdown procedures, use of the city's car wash kits, and proper management of waste oil/grease recycle containers. We get information to the public through the city's Channel 10 TV station with an Illicit Discharge Detection and Elimination video. In schools we provide informational handouts to the auto mechanics class on "Don't Top off Your Tank" and to the science classes with videos about Illicit Discharge Detection and Elimination, Urban Storm Water Pollution, and the Cycle of Insanity, depending upon their curriculum. City staff conduct presentations in the class

		rooms upon request. We also try to have as many youth-based groups as possible do storm drain stenciling , along with city employees. During 2015, this activity totaled 1331 trainings and face-to-face contacts.
18	S5.C.3.d	Implemented an ongoing program to characterize, trace, and eliminate illicit discharges into the MS4 per S5.C.3.d. Yes
19	S5.C.3.d.iv	Number of illicit discharges, including illicit connections, eliminated during the reporting year. (S5.C.3.d.iv) 8
20	S5.C.3.d.iv	Attach a summary of actions taken to characterize, trace and eliminate each illicit discharge found by or reported to the permittee. For each illicit discharge, include a description of actions according to required timeline per S5.C.3.d.iv Saved Document Name: 2015 ERTS_20_02192016030421
21	S5.C.3.e	Municipal illicit discharge detection staff are trained to conduct illicit discharge detection and elimination activities as described in S5.C.3.e. Yes
22	S5.C.4.a	Implemented an ordinance or other enforceable mechanism to address runoff from new development, redevelopment and construction sites per the requirements of S5.C.4.a. Yes
24	S5.C.4.a.i	Number of exceptions granted to the minimum requirements in Appendix 1. (S5.C.4.a.i., and Section 6 of Appendix 1) 0
25	S5.C.4.a.i	Number of variances granted to the minimum requirements in Appendix 1. (S5.C.4.a.i., and Section 6 of Appendix 1) 0
26	S5.C.4.b.i	Reviewed Stormwater Site Plans for all proposed development activities that meet the thresholds adopted pursuant to S5.C.4.a.i. (S5.C.4.b.i) Yes
26b	S5.C.4.b.i	Number of site plans reviewed during the reporting period. 10
27	S5.C.4.b.ii	Inspected, prior to clearing and construction, permitted development sites that have a high potential for sediment transport as determined through plan review based on definitions and requirements in Appendix 7 Determining Construction Site Sediment Damage Potential, or alternatively, inspected all construction sites meeting the minimum thresholds adopted pursuant to S5.C.4.a.i. (S5.C.4.b.ii) Yes
27b	S5.C.4.b.ii	Number of construction sites inspected per S5.C.4.b.ii. 2
28	S5.C.4.b.iii	Inspected permitted development sites during construction to verify proper installation and maintenance of required erosion and sediment controls. (S5.C.4.b.iii) Yes
28b	S5.C.4.b.iii	Number of construction sites inspected per S5.C.4.b.iii. 2
29	S5.C.4.b.ii, iii and	Number of enforcement actions taken during the reporting period (based on construction phase inspections at new development and redevelopment projects). (S5.C.4.b.ii, iii and v)

		0
30	S5.C.4.b.iv	Inspected all permitted development sites that meet the thresholds in S5.C.4.a.i upon completion of construction and prior to final approval or occupancy to ensure proper installation of permanent stormwater facilities. (S5.C.4.b.iv) Yes
31	S5.C.4.b.ii-iv	Achieved at least 80% of scheduled construction-related inspections. (S5.C.4.b.ii-iv) Yes
32	S5.C.4.b.iv	Verified a maintenance plan is completed and responsibility for maintenance is assigned for projects. (S5.C.4.b.iv) Yes
33	S5.C.4.c	Implemented provisions to verify adequate long-term operation and maintenance (O&M) of stormwater treatment and flow control BMPs/facilities that are permitted and constructed pursuant to S5.C.4. a and b. (S5.C.4.c) Yes
35	S5.C.4.c.iii	Annually inspected stormwater treatment and flow control BMPs/facilities per S5.C.4.c.iii. Yes
35b	S5.C.4.c.iii	If using reduced inspection frequency for the first time during this permit cycle, attach documentation per S5.C.4.c.iii Not Applicable
36	S5.C.4.c.iv	Inspected new residential stormwater treatment and flow control BMPs/facilities and catch basins every 6 months per S5.C.4.c.iv to identify maintenance needs and enforce compliance with maintenance standards. Yes
37	S5.C.4.c.v	Achieved at least 80% of scheduled inspections to verify adequate long-term O&M. (S5.C.4.c.v) Yes
38	S4.C.4.c.vi	Verified that maintenance was performed per the schedule in S5.C.4.c.vi when an inspection identified an exceedance of the maintenance standard. Not Applicable
38b	S5.C.4.c.vi	Attach documentation of any maintenance delays. (S5.C.4.c.vi) Not Applicable
39	S5.C.4.d	Provided copies of the Notice of Intent for Construction Activity and Notice of Intent for Industrial Activity to representatives of proposed new development and redevelopment. (S5.C.4.d) Yes
40	S5.C.4.e	All staff responsible for implementing the program to control stormwater runoff from new development, redevelopment, and construction sites, including permitting, plan review, construction site inspections, and enforcement are trained to conduct these activities. (S5.C.4.e) Yes
42	S5.C.4.g	Participated and cooperated with the watershed-scale stormwater planning process led by a Phase I county. (S5.C.4.g) Not Applicable
43		Implemented maintenance standards as protective, or more protective, of facility function as those specified in Chapter 4 of Volume V of the 2005 Stormwater Management Manual for Western

	S5.C.5.a	Washington.	Yes
44	S5.C.5.a	Applied a maintenance standard that is not specified in the Stormwater Management Manual for Western Washington.	No
44b	S5.C.5.a	Please note what kinds of facilities are covered by this alternative maintenance standard. (S5.C.5.a)	
45	S5.C.5.a.ii	Performed timely maintenance per S5.C.5.a.ii.	Yes
46	S5.C.5.b	Annually inspected all municipally owned or operated permanent stormwater treatment and flow control BMPs/facilities. (S5.C.5.b)	Yes
46b	S5.C.5.b	Number of known municipally owned or operated stormwater treatment and flow control BMPs/facilities. (S5.C.5.b)	23
46c	S5.C.5.b	Number of facilities inspected during the reporting period. (S5.C.5.b)	23
46d	S5.C.5.b	Number of facilities for which maintenance was performed during the reporting period. (S5.C.5.b)	23
47	S5.C.5.b	If using reduced inspection frequency for the first time during this permit cycle, attach documentation per S5.C.5.b.	Not Applicable
48	S5.C.5.c	Conducted spot checks and inspections (if necessary) of potentially damaged stormwater facilities after major storms as per S5.C.5.c.	Yes
49	S5.C.5.d	Inspected all municipally owned or operated catch basins and inlets as per S5.C.5.d, or used an alternative approach. (Required once no later than August 1, 2017 and every two years thereafter, except once no later than June 30, 2018 and every two years thereafter for the City of Aberdeen)	No
49b	S5.C.5.d	Number of known catch basins.	3378
49c	S5.C.5.d	Number of catch basins inspected during the reporting period.	597
49d	S5.C.5.d	Number of catch basins cleaned during the reporting period.	534
50	S5.C.5.d.i-ii	Attach documentation of alternative catch basin cleaning approach, if used. (S5.C.5.d.i or ii)	Not Applicable
51	S5.C.5.f	Implemented practices, policies and procedures to reduce stormwater impacts associated with runoff from all lands owned or maintained by the Permittee, and road maintenance activities under the functional control of the Permittee. (S5.C.5.f)	

		Yes
52	S5.C.5.g	Implemented an ongoing training program for Permittee employees whose primary construction, operations or maintenance job functions may impact stormwater quality. (S5.C.5.g.)
		Yes
53	S5.C.5.h	Implemented a Stormwater Pollution Prevention Plan for all heavy equipment maintenance or storage yards, and material storage facilities owned or operated by the Permittee in areas subject to this Permit that are not required to have coverage under an NPDES permit that covers stormwater discharges associated with the activity. (S5.C.5.h)
		Yes
54	S7.A	Complied with the Total Maximum Daily Load (TMDL)-specific requirements identified in Appendix 2. (S7.A)
		Not Applicable
55	S7.A	For TMDLs listed in Appendix 2: Attach a summary of relevant SWMP and Appendix 2 activities to address the applicable TMDL parameter(s). (S7.A)
		Not Applicable
56	S8.A	Attach a description of any stormwater monitoring or stormwater-related studies as described in S8.A.
		Not Applicable
57	S8.B.1	Participated in cost-sharing for the regional stormwater monitoring program (RSMP) for status and trends monitoring. (S8.B.1)
		Yes
57B	S8.B.2	If choosing to conduct individual status and trends monitoring, attach an annual stormwater monitoring report in accordance with S8.B.2. (Required to submit reports beginning March 31, 2016)
58	S8.C.1	Participated in cost-sharing for the regional stormwater monitoring program (RSMP) for effectiveness studies. (S8.C.1) (Required to begin no later than August 15, 2014)
		Yes
58b	S8.C.2	If choosing to conduct discharge monitoring, attach an annual stormwater monitoring report in accordance with S8.C.2 and Appendix 9. (Required to submit reports beginning March 31, 2016)
59	S8.D.1	Contributed to the RSMP for source identification and diagnostic monitoring information repository in accordance with S8.D.1. (Required to begin no later than August 15, 2014)
		Yes
60	G3	Notified Ecology in accordance with G3 of any discharge into or from the Permittees MS4 which could constitute a threat to human health, welfare or the environment. (G3)
		Yes
61	G3	Number of G3 notifications provided to Ecology.
		7
62	G3.A	Took appropriate action to correct or minimize the threat to human health, welfare, and/or the environment per G3.A.
		Yes
63	S4.F.1	Notified Ecology within 30 days of becoming aware that a discharge from the Permittee's MS4 caused or contributed to a known or likely violation of water quality standards in the receiving water. (S4.F.1)
		Yes

64	S4.F.3.a	If requested, submitted an Adaptive Management Response report in accordance with S4.F.3.a.
Yes		
65	S4.F.3.d	Attach a summary of the status of implementation of any actions taken pursuant to S4.F.3 and the status of any monitoring, assessment, or evaluation efforts conducted during the reporting period. (S4.F.3.d)
Not Applicable		
66	G20	Notified Ecology of the failure to comply with the permit terms and conditions within 30 days of becoming aware of the non-compliance. (G20)
Yes		
67	G20	Number of non-compliance notifications (G20) provided in reporting year.
0		
67b	G20	List the permit conditions described in non-compliance notification(s).
Not Applicable		

Attachments:

View Files Attached to Submission

	DocDescr	DocName	DocExt	DocID	SubID	AppName
View	WAR045554_20_02192016030421	2015 ERTS_20_02192016030421	.pdf	432275	1523772	wqwebportal
View	WAR045554_5_02112016125642	2015 Illicit Discharge Educati_5_02112016125642	.xlsx	429660	1523772	wqwebportal
View	Submitted Copy of Record for City of Oak Harbor	Copy of Record CityofOakHarbor Tuesday March 29 2016	.pdf	439892	1523772	wqwebportal
View	Submitted Cover Letter for City of Oak Harbor	Cover Letter CityofOakHarbor Tuesday March 29 2016	.pdf	439893	1523772	wqwebportal
View	WAR045554_1_01112016082912	Oak Harbor final SWMP Plan 01__1_01112016082912	.pdf	421022	1523772	wqwebportal
View	WAR045554_1_01112016083102	Oak Harbor final SWMP Plan 01__1_01112016083102	.pdf	421025	1523772	wqwebportal
View	WAR045554_7b_02082016083938	Oak Harbor Restaurant Project_7b_02082016083938	.pdf	428097	1523772	wqwebportal

[Close](#)



**City of Oak Harbor
2015
Stormwater Management Program (SWMP) Plan**

Permittee Coverage Number: WAR04-5554

City of Oak Harbor 865 SE Barrington Drive Oak Harbor, WA 98277

By

**Joe Stowell, P.E.
City Engineer**

January 2015

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1 INTRODUCTION

This document has been prepared in accordance with the *Western Washington Phase II Municipal Stormwater Permit* (the Permit). The Permit was issued by the Department of Ecology (Ecology) to municipalities with populations of less than 100,000 as operators of small and medium municipal separate storm sewer systems (MS4s). More than 80 medium and small cities, including the City of Oak Harbor (Oak Harbor) and urban portions of five counties in western Washington, must comply with the provisions of the Permit. This five-year permit was issued by Ecology on August 1, 2012, and is effective from August 1, 2013 through July 31, 2018. In August of 2014, Ecology began a process to modify certain section of the permit. The modifications were issued on December 17, 2014 and became effective on January 16, 2015.

The Permit authorizes the discharge of stormwater runoff from MS4s into the state's surface waters (i.e., streams, rivers, lakes, sounds, wetlands, etc.) and groundwater as long as municipalities implement Permit-specified actions and activities known as Best Management Practices (BMPs) to protect these receiving waters. Permit requirements are phased in over the 5-year permit term per a specified schedule. Some of the required BMPs are carry-overs from the previous Permit while other requirements are new. Table 1 presents the overall implementation schedule of the current Permit. Additional schedule detail can be found in the full text of the Permit found on Ecology's website at:

<http://www.ecy.wa.gov/programs/wq/stormwater/municipal/phaseIIww/5YR/WWPhaseIIPermit2013.pdf>

1.1 The Stormwater Management Program Plan

Section S5.A of the Permit requires each Permittee to develop and implement a Stormwater Management Program (SWMP). Each Permittee must also annually prepare written documentation of the SWMP, called the SWMP Plan (Plan). This Plan is intended to be a forward-looking document describing the set of actions and activities (BMPs) the Permittee intends to complete in the upcoming calendar year to comply with the Permit.

This SWMP Plan is organized per S5.C of the Permit and will be updated at least annually for submittal with Oak Harbor Annual Reports to Ecology. This first SWMP under the current Permit does not have an accompanying annual report¹.

The BMPs are grouped under the following Program components:

- Public Education and Outreach
- Public Involvement and Participation
- Illicit Discharge Detection and Elimination (IDDE)
- Controlling Runoff from New Development, Redevelopment, and Construction Sites
- Municipal Operations and Maintenance (O&M)

In addition, the Permit requires reporting and, if applicable, implementation of water-body specific cleanup plans developed by Ecology. To date, Ecology has not developed such plans for Oak Harbor's water bodies.

¹ Per Section S9 of the Phase II Permit, the initial annual report shall be submitted no later than March 31, 2015.

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TABLE 1

Western Washington Phase II Municipal Stormwater Permit Schedule Overview – 2014 to 2018

S5 Program Component	August 1, Ongoing program implementation	2014	2015	2016	2017	Jan-July 31, 2018
A. Stormwater Management Plan	Continue to track costs, actions and activities. Continue required internal and suggested external coordination and SWMP Plan submittal w/annual report. Update SWMP Plan annually.		By March 31: annual report includes description of internal coordination			
C.1 Public Education and Outreach	Continue public education and outreach program. Measure changes in behavior for 1 audience & 1 topic. Create or partner w/others to create stewardship.			By February 2: use measures of behavior changes to improve program.		
C.2 Public Involvement	Continue to provide ongoing opportunities for the public to participate in SWMP decision-making. Post online annual reports and SWMP Plan for previous calendar year by 5/31 of each year.					
C.3 Illicit Discharge Detection and Elimination (IDDE)	Continue implementing the enforceable mechanism to prohibit illicit discharges, compliance strategy, IDDE and municipal staff training, citizen hotline and IDDE response, and maintain map of MS4, outfalls, conveyances, all new connections authorized since 2/16/2007, and areas that don't discharge to surface waters. Provide map to Ecology, Tribes and other MS's upon request. Track all permit IDDE activities.				By Dec 31: Field Screening methodology; Field screen at least 40% of MS4 & on average 12% each year thereafter.	By Feb 2: Update ordinance if needed.
C.4.a-f Control Runoff from New Develop't, Redevelop't Construction Sites	Continue to implement ordinance addressing construction/post- construction runoff controls; make NOIs for construction, industrial stormwater permits available; site plan review & permitting, requiring long-term maintenance; inspections; training; and enforcement.			By Dec 31: Update City code to revised Appendix 1 standards; review, revise, make effective development codes to make LID preferred approach. Include legal authority to inspect and enforce the construction and maintenance standards via approval process	By March 31: Submit summary of review & revision of codes to reduce impervious surface, protect vegetation, and minimize runoff.	Achieve at least 80% of scheduled inspections.

TABLE 1 (Continued)

S5 Program Component	August 1, Ongoing program implementation	2014	2015	2016	2017	Jan-July 31, 2018
C.4.g Water-shed scale stormwater planning (selected permittees)	(By Oct. 31, 2013 Phase I permittee notifies Ecology of selected basin and affected Phase II permittees; convenes planning process.) (This is not applicable to Oak Harbor)	(By April 1: Scope of work submitted to Ecology by Phase I watershed plan lead.)	Participate in planning process, if located within selected basin.	By Oct 1: Phase I lead submits final watershed scale stormwater plan to Ecology.		
C.5 Municipal Pollution Prevention, Operation and Maintenance	Continue implementation of MS4 maintenance; annually inspect stormwater treatment & flow control BMPs/facilities; spot checks; O&M & SWPPPs for municipal lands & facilities; staff training			By Dec 31: Update maintenance standards to revised manual/ code standards	By August 1: Inspect all catch basins or document alternatives if used. Plan to complete inspections every 2 years thereafter.	Achieve 95% of inspections for municipal stormwater treatment/flow control BMPs/facilities and catch basins.
S8.A	Continue to provide description in each annual report of stormwater monitoring or stormwater- related studies conducted by permittee or others (except if related to S8.B or S8.C.					
S8.B Status and Trends Option #1	By Dec 31: Notify Ecology which option selected for status and trends monitoring. (City has selected Option #1)	By Aug 15: First annual payment to RSMP.				
S8.B Status and Trends Option #2		By July 31: Begin monitoring wadeable streams.	Oct 1: Begin monitoring nearshore marine (if applicable).	Annual reporting as per Ecology-approved QAPP.		
C. Effectiveness Option #1	By Dec 31: Notify Ecology which option selected for effectiveness monitoring. (City has selected Option #1)	By Aug 15: Option #1 first annual payment to RSMP.				
C. Effectiveness Option #2		By Feb 2: Submit QAPP to Ecology. By Oct 1: Begin flow monitoring.	Oct 1: Stormwater monitoring program fully implemented.	Annual reporting as per Appendix 9 in the Permit.		
S8.D Source ID & Diagnostic Monitoring		By Aug 15: First annual payment to RSMP.				

Source: Modified from: <http://www.ecy.wa.gov/programs/wq/stormwater/municipal/phaseIww/wwphiipermitt.html>

TABLE 1 (Continued)

Legend

BMP = Best Management Practices
ID = Identification
IDDE = Illicit Discharge Detection & Elimination
LID = Low Impact Development
MS4= Municipal Separate Storm Sewer System
O & M = Operations and Maintenance

PS = Puget Sound
QAPP = Quality Assurance Program Plan
RSMP = Regional Stormwater Monitoring Program
SWMP = Stormwater Management Program
SWPPP = Stormwater Pollution Prevention Plan

This SWMP Plan covers the City of Oak Harbor's ongoing activities to comply with the Phase II permit and those planned for next year.

1.2 Stormwater Management in Oak Harbor

Oak Harbor is the largest incorporated city on Whidbey Island. Three settlers, Martin Tafton, C.W. Sumner, and Ulrich Freund founded Oak Harbor in the early 1850s where it was mainly a fishing town. Since then, the City's growth coincided with two major events: the building of Deception Pass Bridge on July 31, 1935, and the completion of Naval Air Station Whidbey Island in September, 1942. It now has an estimated 2013 population of 22,136 and covers approximately 9.4 square miles of land area. The predominant land use within the City is residential, with smaller pockets of commercial and industrial. The majority of the stormwater runoff from Oak Harbor eventually drains into Oak Harbor, which enters Saratoga Passage and Skagit Bay.

Oak Harbor is committed to meeting the compliance requirements and deadlines of the Permit. The stormwater management program in Oak Harbor is led by the City's Operation Manager in the City's Department of Public Works, Storm Drain/Waste Water Collections Division, with assistance from a team of Storm Drain/Waste Water Collections Specialists.

A comprehensive storm drainage plan was adopted by the Mayor and City Council in 2007. The plan contains background information, water quality assessment, and alternative solutions for improving Oak Harbor's stormwater runoff quality.

In 2011, the City updated its subdivision code to further allow and encourage low impact development (LID). This was following a study to evaluate options to further allow LID that was funded in part by the Puget Sound Partnership.

Oak Harbor continues to track costs associated with the program's action and activities as required by both the current and previous Permit.

1.3 Document Organization

The remaining sections of this document have been organized to follow the sequence of the Permit requirements S5.C.1 through S5.C.5, as well as the new requirements for S8, monitoring and assessment. Permit requirements, current/ongoing activities, and planned activities for each of the required elements are presented.

2 Stormwater Management Program Plan Components

This section discusses the SWMP Plan components found in S5.C of the Western Washington Phase II Municipal Stormwater Permit.

2.1 Public Education and Outreach

The required elements for a public education and outreach program (Section S5.C.1 of the Permit) are summarized below, followed by a description of the ongoing and planned SWMP activities that meet these requirements.

2.1.1 Permit Requirements

Permit Section S5.C.1. states that the SWMP shall include an education and outreach program designed to reduce or eliminate behaviors and practices that cause or contribute to adverse stormwater impacts and encourage the public to participate in stewardship activities. The education program may be developed and implemented locally or regionally. The Permit lists the following minimum performance measures for compliance with this element. Each Permittee shall:

- Provide an education and outreach program for the area served by the MS4. The program shall be designed to educate target audiences about the stormwater problem and provide specific actions they can follow to minimize the problem.
- Create stewardship opportunities and/or partner with existing organizations to encourage residents to participate in activities such as stream teams, storm drain marking, volunteer monitoring, riparian plantings and education activities.
- Measure the understanding and adoption of the targeted behaviors for at least one target audience in at least one subject area. No later than February 2, 2016, Permittees shall use the resulting measurements to direct education and outreach resources most effectively, as well as to evaluate changes in adoption of the targeted behaviors. Permittees may meet this requirement individually or as a member of a regional group.

2.1.2 Ongoing Activities

The Permit requires the City to continue public education and outreach program and measure changes in behavior for at least one audience in at least one subject area.

In November of 2007, the City of Oak Harbor hired an Environmental Educator to help meet the prior 2007-2012 NPDES permit requirements for implementing a Public Education and Outreach Program. Between 2007 and 2013, the Environmental Educator led a number of activities in public education and outreach in a wide variety of topics and also targeting specific audiences. Unfortunately due to budget cuts in 2013, the City had to eliminate the Environmental Educator's position. Since then, the City has been implementing a somewhat scaled down version for public education and outreach activities and trying to meet permit requirements using other Stormwater staff. Examples of the past and ongoing projects are described below.

Examples of Past Public Education and Outreach Activities

Book Distribution – *All the Way to the Ocean*, A children's book on stormwater pollution and prevention. Thirty copies were distributed to six elementary schools and a dozen doctor and dentist offices.

Media Coverage – In 2007, a news article was carried in the *Whidbey News Times* featuring the City Council meeting presentation, the book distribution, and the new Environmental Educator position. The *Whidbey News-Times* also published an editorial about the City's efforts and the new position. The *Whidbey Marketplace*, a free paper that goes to each household on the Island outside of Oak Harbor, also published an article about the new position in early 2008.

News Articles – The City’s Environmental Educator has published several articles since 2007 for local papers that drew attention to stormwater and low impact development. In 2008, twelve articles were published in the local newspapers concerning stormwater. In 2009, the City published fifteen articles and announcements. In 2010, twenty two articles and announcements were published. In 2011, there were nineteen articles and announcements in local papers.

Storm Drain Education Program for Schools and Scouts – A four-part program was developed for schools and scout groups. Part 1 begins with a survey of existing knowledge, a presentation on storm drain pollution and low impact development, and a vocabulary list. Part 2 includes a DVD from the EPA called *After the Storm* with follow up questions. Part 3 challenges the group to create a door knob flyer on stormwater issues and announces the upcoming storm drain stenciling. Part 4 involves a neighborhood storm drain stenciling project. This program was delivered to a high school group, six middle school classes, two elementary schools, and one scout group. It has been scheduled for four more middle and high school classes.

Lost and Puget Found –In 2011, the City received a new DVD created by Seattle Public Utility with help from the Tacoma and Everett School Districts featuring middle school students discovering stormwater issues and educating their community. Copies were presented for each of our public schools and have so far shown it in a 4th grade classroom and at the Youth Earth Summit. The DVD meets State requirements and includes worksheets and graphics for classroom discussion.

Low Impact Development – The City participated in monthly meetings with the LID Summit group comprised of staff from the City of Oak Harbor, City of Langley, Town of Coupeville, Island County, WSU Extension, Whidbey Island Conservation District, and the Partnership for Puget Sound. The City worked with the Conservation District on a tour of LID sites on Whidbey Island for professionals and the public in 2009 and again in 2012. The City and the Conservation District gave joint presentations for landscapers and Rotarians, shared a booth at the City’s largest festival, Holland Happening, and continue to work on other projects. The City also created a grant proposal to develop an LID sampler site at City Hall but was ultimately not funded.

Created a PowerPoint Presentation – This 4 minute presentation is about stormwater pollution and prevention. The presentation runs as a continuous loop at conference and fair display booths.

Interpretive Signs – A grant from Conservation Futures Funds was directed toward the development of interpretive signs at Freund Marsh. The City worked with the City Engineer and Parks staff in partnership with the Marine Resource Committee to develop interpretive signs featuring the value of wetlands and urban run-off issues in an effort to help change behavior and build awareness. When the first three panels were installed, the local paper covered the event. Since then, four additional interpretive panels were developed explaining stormwater issues and

illustrating LID features. They were installed in 2011 at the Scenic Heights trailhead, which features pervious pavement and rain gardens at the park's west entrance. These are still being displayed on the interpretive reader board located at the Freund Marsh trailhead.

Rain Garden Guides – The City received 50 handbooks, published by the Pierce County WSU Extension, on how to build a rain garden. These were distributed among City staff, City Council, and to landscapers and plumbers at an open house in February 2009 and 2010.

Rain Garden workshops – Workshops were offered to a Garden Club, at the library, Master Gardener's training, and at a local nursery in 2011. In previous years, they have also been offered at the Sound Waters Conference and Whidbey Gardening Workshop.

Sustainable Living Seminar Series – The City began working in partnership with the WSU Extension and Whidbey Island Conservation District to offer monthly workshops on Sustainable Living throughout 2008. College credit and clock hours were offered. The City's 2009 and 2010 series were televised on Channel 10 and are now available for check out at Sno-Isle Libraries in Snohomish and Island Counties. As of 2012, there are over two dozen DVDs available for check-out. The City is able to track which ones get checked out the most and in what communities.

Sustainability Fair – The City partnered with the Skagit Valley College and Sno-Isle Regional Library to offer this Earth Day Event in 2008. There were several presenters, household hazardous and E-waste collection, alternative fuel vehicles on display, a mini-farmer's market, and children's activities involving recycled materials, displays, demonstrations and talks on rain water catchment and low impact development. It was the first of its kind for the City and the college. The event was repeated in 2009 with the first Bike to Work and School campaign and continued in 2010 as the Green Living Fair. In 2011, the Fair included many interactive games for kids, the Pitch the Poop game, Wheel of Water, Backyard Wildlife activity, making non-toxic household cleaners, as well as speakers and exhibits. This is a collaborative event that brings together support from several groups and sponsors, including PSE.

Farmer's Market – An information table with displays and interactive exhibits is set up at the local farmer's market each week throughout the summer months. In 2010 and 2011, the City advertised special topics and had guest speakers along with activities for children. Some activities included the Wheel of Water, Watershed Model, and Pitch the Poop Game along with info on Rain Gardens and LID, Backyard Wildlife Habitat, and Composting.

Placemats – The City created placemats that listed six things individuals can do to help clean up Puget Sound. The placemats included the Puget Sound Starts Here logo and the spill hotline number for reference. Approximately 2,000 copies were created and were distributed to 20 restaurants on the Friday after the City Council adopted the new Stormwater Ordinance.

Coasters – The Northern SOG group used grant money and to make coasters and java jackets with the PSSH logo and specific targeted messages on them. Oak Harbor purchased 600 coasters and distributed them to the most popular restaurants, coffee shops, and taverns.

Pitch the Poop Game – The City purchased a garbage can, fake pet poop, and astro-turf to use as a pitch the pet poop game for community events. The City also makes stickers that participants can put on their own garbage cans to alert their neighbors to pick-up dog poop. This game was featured at the Whidbey Garden Workshop, Earth Day Fair, Penn Cove Water Festival, National Night Out, and Farmer’s Markets. Participants are given a sticker and a poop bag dispenser.

Utility Inserts – Inserts were sent to everyone in the City with information on stormwater. One insert had a stormwater survey. The top ten returned surveys with the most right answers won a rain barrel. The media covered the event.

BMP Brochures - A set of BMP brochures were developed for restaurants, landscapers, construction crews, mechanics, and cleaning companies that are available at City Hall and on the City website.

Displays and Workshops on LID and Stormwater Issues – Workshops were offered at conferences like the Sound Waters conference - which draws over 500 people - and the Whidbey Gardening Workshop, which draws over 200. Displays have also been put up at the entrance to City Hall several times, as well as at the Penn Cove Water Festival, Holland Happening, and Sustainability Fair. Rain Garden workshops were offered to the city Gardening Club, a local nursery, and the League of Women Voters.

Jr. Naturalist Programs – Programs offered outdoor learning activities in City Parks for kids from 9-12 years old. Activities included tracing storm water, stenciling storm drains, and weeding rain gardens. The program was offered three times each summer in 2009 and 2010.

Meetings and Trainings – The City organized meetings with the Puget Sound Partnership and Regional STORM groups. The Environmental Educator took the 2-day training for program development and evaluation put on by the PSP in Port Townsend and the regional gathering at Padilla Bay with displays on what the City is doing with storm water and LID.

Oak Harbor Green Business Award - The award given to businesses that meet certain criteria has now become a County-wide award known as the Whidbey Green Seal. The award is given to businesses who complete a checklist of seven categories. Criteria for the award includes proper handling of potential toxins. Fifty businesses are now certified with the Whidbey Green Seal and are included in an on-line directory.

Letter to Carpet Cleaners - The City sent letters to carpet cleaners in the area informing them of our City Stormwater Ordinance and suggesting they use the RV dump stations at the City campground to dump dirty wash water.

Whidbey’s Special Places – A book was published in 2009 that was written by a local author with informative photographs, including one chapter featuring Oak Harbor’s waterfront trail and Freund Marsh with narration about stormwater from the City’s Environmental Educator.

Pioneer Way Improvements Grand Opening. This project included installing 17 new Filtera storm water systems, which helped the City qualify for the “Silver” level of the new *Greenroads* certification developed at the University of Washington. The City was one of the first in the State to earn this certification. At the Grand Opening event, two City staff dressed up as a salmon and a dog to spread the word about stormwater and pet poop.

“Environmentally Safe Car Wash” – Sandwich board signs were created to increase public awareness at these events. The signs were on a float in the Holland Happening Parade in April 2008 along with signs saying “Only Rain Down the Storm Drain”.

Enviro-Scape Non-Point Source Model – This model was purchased for use as an educational tool for children. It is used at the Farmer’s Market and community events.

Examples of Current Activities (completed in 2013/2014)

Environmental Car Wash Kits – The City purchased five car wash kits and developed a packet of information, including diagrams on how to use the kits, a list of biodegradable soaps, and where they can be purchased. These information packets were distributed at the local high school. Athletic clubs and other clubs and organizations were alerted to use the car wash kits for fundraisers.

Garbage Truck Signs – Signs were made in 2009 saying “Only Rain Down the Storm Drain” and “Puget Sound Starts Here”. The signs are displayed on our garbage trucks on a regular rotation.

Banner – The City made a street banner saying “Only Rain Down the Storm Drain” with the Puget Sound Starts Here logo on it. The sign is hung at the busiest intersection in town whenever there is no other event that requires a banner.

Open House for Landscapers- The City conducted an Open House for Landscapers in March of 2013. It included Homeowners Associations who have bio-swales and retention ponds. Rain Garden building and maintenance was discussed along with responsible yard care for stormwater.

Storm Drain Stenciling – Stencils and paints were purchased for volunteers from the Eagle Scouts and were trained by the City to perform stenciling in different parts of the City. For example, in 2007, volunteers stenciled sea life pictures on 181 storm drains. The Environmental Educator has taken groups out to stencil several times since then and tagged over

400 storm drains in the City. In 2014, the City stenciled 64 Catch basins and installed 15 “Only Rain Down the Drain” buttons.

Web Site and TV Info-Commercials – Professionally-made info-commercials were developed for the City’s web page and aired on Channel 10. The topics included Proper Pet Waste Disposal, Car Washing Tips, Preventing Urban Runoff, and Alternatives to Pesticides.

Car Wash Kit Video – The City hired a video professional who made a short “how to set up a car wash kit” video that is linked to the City’s web site and is available on CD for groups that check out a car wash kit. In 2011, the City put the video on YouTube. The City also has car wash kit check out forms on the City’s website.

City Council Presentation – A presentation on the Stormwater Permit and ongoing stormwater management activities by the City was given to the City Council. At this presentation, several interested businesses and a news reporter attended.

Detention Pond Maintenance Meetings – In 2013, the City held a public meeting at a City detention facility where 23 people were taught how to maintain their detention facilities. The City also held an individual meeting in 2014 with home owners and contractors; approximately 28 people attended.

OHHS Ecology Club – City staff is working with the Oak Harbor High School Ecology Club growing Gary Oak seedlings for plant habitat restoration. The Club is growing seedlings and learning about native vegetation protection and the value of trees in the hydrologic cycle, including canopy interception, root soil stabilization, evapotranspiration, habitat, etc. Activities have occurred on the following dates: October 4, 2013; April 9, 2014; June 4, 2014; October 1, 2014; and October 10, 2014.

Provided LID and Green Roof Power Point Presentation to Whidbey Island Conservation District – In October 2014, City staff prepared and provided an LID PowerPoint Presentation to Whidbey Island Conservation District for use in presenting to area schools. The presentation included a general description of LID BMPs and a focused discussion on construction of a local green roof.

Stormwater Engineering Presentation to Scouts – In November of 2013, staff members presented to a Scout group regarding the water cycle, erosion, pollution, proper disposal of waste materials, detention ponds and LID principals, and BMPs including bioretention, pervious pavements (concrete, asphalt, pavers, and grass and gravel grids), and green roofs. The presentation included a live demonstration of water poured through pervious concrete and an interactive diorama of stormwater erosion and pollutant transport.

Videos with Mayor - On March 21st and November 18th 2014, the Storm Drain Division made an illicit discharge video and then a stormwater detention pond maintenance video with the Mayor that were shown on Channel 10 and posted on our City web page.

Illicit Discharge Training with Oak Harbor School District Bus Drivers November 19, 2014 – In this training, City staff met with bus drivers and explained how their stormwater system works and the effects of not properly maintaining their filling station area and how spills adversely effects the City’s stormwater system. Thirty six drivers attended.

Letters- Prior to downtown special events, the City send out illicit discharge prevention letters to our downtown merchants explaining the importance of teaching venders on how to dispose of things like: mop water, grease, paints, etc. In the past, these items would most likely end up in a catch basin.

OHHS Automotive Shop – Staff have arranged to have stormwater pollution and downstream effect education videos shown to all of the classes of the Oak Harbor High School Automotive Maintenance Program on January 21, 2015. This target audience was selected because many of these students are training to enter the profession of automobile repair and will be working with automotive fluids and automobile repair byproducts on a daily basis.

2.1.3 Planned Activities

In 2015 the City plans on continuing the current public education and outreach activities presented above. Additional public education and outreach activities are planned to comply with new requirements of the Phase II permit. For 2015, this primarily includes beginning the process to measure the understanding and adoption of the targeted behaviors for at least one target audience in at least one subject area.

The City selected target audience is a program focused on restaurants within the City with emphasis on the reduction of pollutants from grease rendering waste containers and handling. In past years, the City has identified that operations from restaurants has resulted in illicit discharges such as oil and grease from these containers. The City has already been conducting some educational activities with restaurants and the new education and outreach plan will build on past work. The expanded public education and outreach approach will be developed during the early part of 2015 and implemented later in the year, including the methods to measure the understanding of behavior changes. Examples of measurements that can be used include the number of materials created and distributed to restaurant owners and operators, and the number of illicit discharges of oil and grease from restaurants.

2.2 Public Involvement and Participation

The SWMP requirements for public involvement and participation (Section S5.C.2 of the Phase II permit) are summarized below followed by a description of the recent and planned SWMP activities that meet these requirements.

2.2.1 Permit Requirements

Section S5.C.2. of the Phase II Permit states that Permittees shall provide ongoing opportunities for public involvement and participation through advisory councils, public hearings, watershed committees, participation in developing rate-structures, or other similar activities. Each Permittee shall comply with applicable state and local public notice requirements when developing elements of the SWMP. The minimum performance measures are:

- Permittees shall create opportunities for the public to participate in the decision-making processes involving the development, implementation and update of the Permittee's SWMP.
- Each Permittee shall post on their website their SWMP Plan and the annual report required under S9.A no later than May 31 each year. All other submittals shall be available to the public upon request.

2.2.2 Recent and Ongoing Activities

The Permit requires that the City continue to provide ongoing opportunities for the public to participate in SWMP decision-making, and post online annual reports and SWMP Plan for previous calendar year by May 31st each year. The City has held multiple meeting in 2012 and 2013, which were advertised in the Whidbey News Times with the times and dates. The purpose of the meetings was to discuss the City's SWMP and try to generate ideas from the public on the type of BMP'S that would be most applicable for are area. However, there was no public attendance for the meetings.

Due to the loss of the Environmental Educator, the City did not have a public meeting in 2014.

2.2.3 Planned Activities

The City plans to maintain the current activities for the coming year. In addition, the City plans to begin an update to the 2007 Comprehensive Stormwater Drainage Plan. As a part of this process, the City is planning to hold public meetings to solicit input from the community, post information about the plan update on the City's web page, and conduct the SEPA process. In addition, the plan development will be discussed at City Council meetings which are available for public review.

2.3 Illicit Discharge Detection and Elimination

The SWMP requirements for illicit discharge detection and elimination (IDDE) (Section S5.C.3 of the Phase II permit) are summarized below, followed by a description of the ongoing and planned SWMP activities that meet these requirements.

2.3.1 Permit Requirements

Section S5.C.3. of the Phase II permit states that the SWMP shall include an ongoing program designed to prevent, detect, characterize, trace and eliminate illicit connections and illicit discharges into the MS4. The minimum performance measures are:

- Mapping of the MS4 shall continue on an ongoing basis. MS4 maps shall be periodically updated.
- Each Permittee shall implement an ordinance or other regulatory mechanism to effectively prohibit non-stormwater, illicit discharges into the Permittee's MS4 to the maximum extent allowable under state and federal law.
- Each Permittee shall implement an ongoing program designed to detect and identify nonstormwater discharges and illicit connections into the Permittee's MS4.
- Each Permittee shall implement an ongoing program designed to address illicit discharges, including spills and illicit connections, into the Permittee's MS4.
- Permittees shall train staff who are responsible for identification, investigation, termination, cleanup, and reporting of illicit discharges, including spills, and illicit connections, to conduct these activities. Follow-up training shall be provided as needed to address changes in procedures, techniques, requirements or staffing. Permittees shall document and maintain records of the training provided and the staff trained.
- Recordkeeping: Permittees shall track and maintain records of the activities conducted to meet the requirements of this section.

2.3.2 Ongoing Activities

The Permit requires the City to continue implementing the enforceable mechanism to prohibit illicit discharges, have municipal staff training on illicit discharge detection, elimination and response, host a citizen hotline (which is published as 360-279-4764), and maintain an up to date map of the MS4. The City implements a ditch inspection program during the summer to look for potential septic failures. The City has also started to look into a program of retrofitting type 2 catch basins with spill control "tees" at strategic locations, such as immediately upstream of a discharge to the bay. The City is currently implementing all these activities on an ongoing basis.

2.3.3 Planned Activities

The main new requirement in the current permit includes field screening of at least 40 percent of the City's MS4 by December 31, 2017. The City is also required to screen an additional 12 percent of the MS4 year thereafter.

The City is largely on schedule or ahead of schedule in the area of IDDE program implementation. The City has already been using screening methods described in *Illicit Discharge Detection and Elimination: A Guidance Manual for Program Development and Technical Assessments*, (Center for Watershed Protection, 2004). The City will continue with this program and completion of the geographic areas required by the permit. The only procedural change in the City's current methods is to build in additional die testing, where applicable. The City will begin this additional procedure in 2015.

2.4 Controlling Runoff from New Development, Redevelopment, and Construction Sites

The SWMP requirements for controlling runoff from new development, redevelopment, and construction sites (Section S5.C.4 of the Phase II permit) are summarized below, followed by a description of the ongoing and planned SWMP activities that meet these requirements.

2.4.1 Permit Requirements

Section S5.C.4.a-f of the Phase II permit lists the following requirements:

- Develop and implement an ordinance or ordinance revisions that address runoff from new development, redevelopment, and construction projects in a manner that meets the minimum requirements established by Ecology.
- Develop and implement a site planning process and selection and design criteria for best management practices (BMPs) that will protect water quality and reduce the discharge of pollutants to the maximum extent practicable.
- Develop and implement an approval process for new development that includes inspections of and enforcement of maintenance standards for private stormwater facilities.
- By December 31, 2016, revise and implement provisions in development code regarding techniques for low impact development (LID) that make LID the preferred and commonly-used approach to site development, in order to minimize impervious surfaces, native vegetation loss, and stormwater runoff in all types of development situations.
- Develop and implement a permitting process with plan review, inspection, and enforcement capability for both public and private projects to ensure sufficient stormwater management, proper installation and maintenance of erosion control BMPs and permanent stormwater facilities, and assignment of responsibility for post-construction maintenance.
- Inspect all construction sites before construction if they exhibit high potential for sediment transport during construction to ensure adequate erosion and sediment control BMPs, and again upon completion of construction to ensure proper installation of permanent stormwater controls.
- Implement an ordinance or other enforceable mechanism to verify long-term operation and maintenance (O&M) of post-construction facilities and BMPs.
- By December 31, 2016, establish standards for stormwater facility maintenance that are equivalent to those included in Ecology's Stormwater Management Manual for Western Washington (Ecology 2012).

- Conduct annual inspections of stormwater treatment and flow control facilities permitted by the City; inspect all new flow control and water quality treatment facilities for new residential developments that are part of a larger common plan for development or sale.
- Develop a record-keeping procedure for inspection reports, warning letters, notices of violations, and other enforcement records.
- Provide copies of notice of intent (NOI) letters to representatives of proposed new development and redevelopment projects.
- Train City staff responsible for implementing the program described above, including staff involved with permitting, plan review, construction site inspections, and enforcement.

Permit requirement S.5.C.4.g. (Watershed-scale planning) does not apply to the City of Oak Harbor.

2.4.2 Ongoing Activities

The City will continue to implement the ordinance addressing construction/post-construction runoff controls, make Notice of Intents (NOIs) available for sites that require a Construction Stormwater General Permit or an Industrial Stormwater Permit from Ecology, perform site plan review and permitting per the Oak Harbor municipal code (OMC 12.30) (Stormwater Management), perform construction and post-construction inspections, require long-term maintenance, and train staff in all aspects of this Permit requirement.

2.4.3 Planned Activities

The main new requirement in the current permit includes updating the City development code to comply with the Permit Appendix I standards. This updating includes reviewing and revising the applicable parts of the development code to make Low Impact Development (LID) the preferred approach. This update must be completed by December 31, 2016. In addition, the city must submit to Ecology a summary of the results of the LID review and revision process with the annual report due March 31, 2017.

The City will begin to address these requirements in 2015. This will begin with City staff having meetings about upcoming code changes, which are planned for the first quarter in 2015. During these discussions, a strategy for meeting the code change requirements by the permit deadline will be developed.

2.5 Pollution Prevention and Operation and Maintenance for Municipal Operations

This section summarizes Phase II permit requirements related to pollution prevention and O&M for municipal operations (Section S5.C.5) and describes current and planned SWMP activities related to these requirements.

2.5.1 Permit Requirements

Section S5.C.5.a-f of the Phase II permit lists the following requirements:

- By December 31, 2016, establish standards for stormwater facility maintenance that are equivalent to those included in Ecology's Stormwater Management Manual for Western Washington (Ecology 2012).
- By December 31, 2016, develop maintenance standards for facilities that currently do not have maintenance standards.
- Inspect municipally owned or operated permanent stormwater treatment and flow control facilities (other than catch basins) annually and take appropriate maintenance actions.
- Conduct spot checks of potentially damaged permanent treatment and flow control facilities (other than catch basins) after major (greater than 24-hour, 10-year recurrence interval rainfall) storm events.
- Inspect, and clean if necessary, all catch basins and inlets owned or operated by the City at least once by August 1, 2017, and then every two years thereafter. Compliance will be determined by the presence of an established inspection program designed to inspect all sites and achieving 95% of inspections.
- Establish and implement practices, policies and procedures to reduce stormwater impacts associated with runoff from all lands owned and maintained by the City including streets, parking lots, roads, highways, buildings, parks, open space, road right-of-ways, maintenance yards, and stormwater treatment and flow control BMPs/facilities.
- Develop and implement an ongoing training program for City employees whose construction, operations, or maintenance job functions may adversely affect stormwater quality.
- Develop and implement a stormwater pollution prevention plan for all heavy equipment maintenance or storage yards and material storage facilities owned or operated by the City.
- Maintain records of inspections and maintenance or repair activities.

2.5.2 Ongoing Activities

The City will continue to maintain the City's MS4, annually inspect all City-owned stormwater treatment and flow control BMPs/facilities, perform spot checks of facilities after large storm events, follow the Stormwater Pollution Prevention Plans for municipal lands & facilities, and provide appropriate staff training. The City also documents and tracks maintenance activities.

The City's Stormwater Facilities Maintenance Manual includes methods to determine if and what type of maintenance is required and also gives a time frame of when the work must be completed in order to have the least amount of impact created during municipal operations.

The City's Stormwater Pollution Prevention Plan includes employee training and policies to prevent and reduce stormwater pollution from activities including, but not limited to, application of fertilizers, pesticides, and herbicides, sediment and erosion control, landscape maintenance and vegetation disposal, trash management and building exterior cleaning and maintenance. These pollution reduction activities are used at all City owned or maintained properties, including but not limited to, parks and open spaces, road right-of-ways, maintenance yards, and stormwater treatment and flow control facilities.

2.5.3 Planned Activities

The City will continue with the ongoing activities. In addition, during the coming year, the City will:

- Begin to assess the maintenance standards to identify any facilities that currently do not have maintenance standards
- Perform spot checks of stormwater BMPs/facilities if there are significant storms
- Begin the process of updating stormwater facility standards. The City plans to adopt the 2012 Ecology Manual either in 2015 or prior to the deadline in 2016.

2.6 Monitoring and Assessment

This section summarizes Phase II permit requirements related to stormwater monitoring and assessment (Section S8) and describes current and planned activities related to these requirements.

2.6.1 Requirements

Section S8 of the Phase II permit lists the following requirements:

- Provide a description of any monitoring activities conducted during reporting period, separate from Regional Stormwater Monitoring Program (RSMP).
- Status and trends monitoring - notify Ecology by December 1, 2013, whether the Permittee will pay into a collective fund (payment due August 15, 2014) to implement the RSMP status and trends monitoring in Puget Sound, or will conduct the monitoring separate from any collective effort.
- Stormwater effectiveness studies – notify Ecology by December 1, 2013, whether the Permittee will pay into a collective fund (payment due August 15, 2014) to implement RSMP effectiveness studies, or will conduct the monitoring separate from any collective effort.

- Source identification and diagnostic monitoring – each Permittee shall pay into a collective fund (payment due August 15, 2014) to implement the RSMP Source Identification Information Repository (SIDIR).

2.6.2 Recent/Ongoing Activities

- In 2013, the City of Oak Harbor notified Ecology that it will pay into the collective fund for the status & trends monitoring and the stormwater effectiveness studies. The first payments for the RSMP were sent to Ecology by the required deadline of August 15, 2014. These payments were as follows:
 - Status and trends monitoring - \$1,936
 - Stormwater effectiveness studies – \$9,528
 - Source identification and diagnostic monitoring - \$884
- No monitoring for TMDLs has been undertaken because TMDLs have not been established for Oak Harbor at this time.

2.6.3 Planned Activities

The City will describe any water quality monitoring activities or studies, separate from the RSMP that are planned for 2015 in the Annual Report. In addition, the City continue making annual payments to Ecology on August 15, to participate in the RSMP.

3 REFERENCES

Ecology. 2012. Stormwater Management Manual for Western Washington. August. Washington Department of Ecology publication 12-10-030.



Restaurant Outreach Project

Final Report

Prepared for the City of Oak Harbor, Washington



January 2016

Final Report

Summary/Permit Requirements

Community Based Social Marketing was utilized to the maximum extent possible within the identified budget. Community Based Social Marketing, by definition is “to influence behavior for the greater social good.” In this case, the greater good is water quality. To reach local restaurants in the Oak Harbor area, an education and outreach program was developed to increase the use of best management practices occurring in the outdoor spaces used by restaurants for disposal, cleaning and vendor activity to improve overall water quality.

Specific Minimum Performance Measures Addresses:

1) General Awareness (S5.C.1.a.i(a))

Target Audiences and Associated Subject Areas Addressed:

- General Public-School Aged Children
 - General impacts of stormwater on surface waters
 - Impacts from impervious surfaces
- Businesses
 - General impacts of stormwater on surface waters
 - Impacts from impervious surfaces
 - Impacts of illicit discharges and how to report them

2) Behavior Change (S5.C.1.a.ii(a))

Target Audiences and Associated Subject Areas Addressed:

- General Public-School Aged Children
 - Prevention of Illicit Discharges
- Businesses
 - Prevention of Illicit Discharges

3) S5.C.1.c

Each Permittee shall measure the understanding and adoption of the targeted behaviors for at least one target audience in at least one subject area. No later than February 2, 2016, Permittees shall use the resulting measurements to direct education and outreach resources most effectively, as well as to evaluate changes in adoption of the targeted behaviors.

- “...measure the understanding and adoption of the targeted behaviors...”
 - In August 2015, Oak Harbor Staff conducted a written survey of 20 restaurant staff employed by restaurants located within the City’s NPDES permit coverage boundaries. The survey asked questions regarding general stormwater awareness, stormwater pollution sources, and current restaurant best practice-related behavior.
- “No later than February 2, 2016, Permittees shall use the resulting measurements to direct education and outreach resources most effectively...”

- The survey results were evaluated and utilized to develop a marketing strategy focused on behavior change. The following products were developed and distributed to all restaurants in Oak Harbor in December 2015:
 - Multi-purpose brochure targeting managers, which folds out into a poster, designed to be hung on the back door of restaurants, to inspire the desired change in behavior. (Appendix A)
 - Large dumpster sticker, to serve as a reminder of proper dumpster related best practices and who to call in the event of an overflow. (Appendix A)
- As of January 2016, a PowerPoint presentation is under development that will be given to all high school students enrolled in the Culinary Program at Oak Harbor High School. It will also be used by Oak Harbor Staff during various presentations to school-aged children annually.
- A partnership has been formed between the City of Oak Harbor and ECOSS (Environmental Coalition of South Seattle) to provide professional training and spill kits to all 50 restaurants and associated restaurant staff in the City of Oak Harbor. This program is expected to be completed in early 2016. A separate evaluation process will be completed for this part of the program.
- *“...evaluate changes in adoption of the targeted behaviors.”*
 - An initial and 30-day observational survey (Appendix B) was completed of the restaurants in Oak Harbor to record behavior related to the specific best practices addressed in the multi-purpose brochure and large dumpster sticker. The initial survey was completed in September and repeated in December, both prior to the distribution of the materials. The 30-day survey was completed in January 2016, 30 days after distribution.

Program Evaluation Results

The objectives identified for this project from the planning phase were as follows:

The Dumpster and Grease Rendering Containers

Increase the instances of closed dumpster lids during monthly evaluations by 25%.

Increase the instances of closed grease rendering containers during monthly inspections by 25%.

Decrease the instances of overflowing dumpsters or garbage receptacles by 25%.

Loose Garbage and Cardboard

Decrease the amount of garbage left on the ground during monthly inspections by 25%.

Decrease the amount of cardboard left out in the open during monthly inspections by 25%.

Spill Kits

Increase the number of restaurants in Oak Harbor who have spill kits by 25%.

30 days following distribution of the restaurant poster and dumpster sticker to restaurants in Oak Harbor, the following changes in behavior were observed:

- The occurrence of open dumpster lids was reduced by 76%
- The occurrence of garbage on the ground around the dumpster was reduced by 51%
- The occurrence of uncovered cardboard outdoors was reduced by 30%

The occurrence of the grease rendering containers closed was inconclusive, therefore removed from this evaluation. In comparing the two initial surveys, there was a 11% difference, from 89% of the containers being closed to 100% of the containers being closed. There are likely other factors that were affecting the occurrence of closed containers during this survey. This could include the surveys being completed on or near container pick-up day, for example. However, because shutting the dumpster lid is a similar behavior, and saw a 75% increase in the desired behavior to keep the lid shut, it is expected that if measured again, you would likely see a similar increase.

The presence of spill kits was not measured during the evaluation process as a separate organization (ECOSS) will be providing the spill kits and employee training. This is expected to occur in early 2016.

	Dumpster Lid CLOSED	Grease container CLOSED	Garbage PRESENT	Uncovered Cardboard PRESENT
ROUND 1: INITIAL #1 (Sept '15)				
% YES	90.20%	88.57%	29.41%	25.49%
% NO	9.80%	11.43%	70.59%	74.51%
ROUND 2: INITIAL #2 (Dec '15)				
% YES	90.91%	100.00%	26.19%	25.00%
% NO	9.09%	0.00%	73.81%	75.00%
ROUND 1/ROUND 2: AVERAGE	9.45%	N/A	27.80%	25.25%
ROUND 3: PRODUCT EVALUATION				
% YES	97.73%	N/A	13.73%	17.65%
% NO	2.27%	N/A	86.27%	82.35%
CHANGE IN BEHAVIOR	75.94%	N/A	50.63%	30.10%

Future Recommendations

- 1) Though the behaviors that could be conclusively measured all exceeded the project objectives (see table above) the behavior with the lowest measured result, the occurrence of uncovered cardboard at 30%, could be explored to increase the instances of covered cardboard behind local restaurants. Because covered areas for cardboard typically require a structure, one could expect that this lower achieved result could be due to a monetary barrier from the management side. Though completing a social marketing plan would provide the best chance for results, by drawing from what we know about restaurant staff and managers, recommendations to improve this behavior include:
 - Implement a rebate program or other similar cost share program to offset the cost of purchasing/constructing a cardboard container
 - Consider requiring all cardboard to be covered through local City Municipal Codes.
- 2) Continue to pursue the Spill Kit Program with ECOSS which will provide each Oak Harbor restaurant with professional training and a spill kit.

Appendix A

Multi-Purpose Brochure/Poster and Dumpster Sticker

Regulations and Penalties

In 2009, the City of Oak Harbor passed a stormwater ordinance that prohibits pollutants entering storm drains. This ordinance gives the City local legal authority to enforce the National Pollutant Discharge Elimination System (NPDES) Permit and take corrective actions with serious offenders. Food establishments (restaurants, cafeterias, bakeries, coffee shops and grocery stores) that allow wastewater, grease and other materials into storm drains, violate the State's NPDES stormwater permit and the City of Oak Harbor's Stormwater Ordinance (250.010).

Any commercial business found allowing waste or wastewater into the storm drain system may be subject to legal penalties. You may find a copy of the City's Stormwater Ordinance at oakharbor.org.

Protecting Your Business

To reduce potential legal consequences, you can implement the proper maintenance and pollution prevention techniques described in this publication, in and around your restaurant.

Implementing these simple practices also has a few additional benefits:



Reduce pests around your restaurant, such as rats, mice and birds



Improve the overall image of your restaurant with your customers



Improve local water quality and wildlife habitat

Only RAIN Down the Storm Drain!

Whether you know it or not, your restaurant drains to a storm drain that ultimately leads to local streams, Puget Sound and even groundwater supplies. The actions you take at your restaurant can have a big impact on the environment. There are small changes that you and your staff can make to help keep pollution out of our waterways.

Even taking all precautions, spills still happen! If a large spill occurs outside your restaurant, please contact the spill response hotline.

Monday-Friday 8 a.m. - 5 p.m. call 360-279-4500
After hours and holidays call 360-679-9567



RESTAURANT STORM DRAINS

Do you know where
the water goes?

(We bet you'll be surprised)

Protect Your Restaurant From
Stormwater Fines and Penalties

Best Practices for a Clean Puget Sound



Purchase a Spill Kit

Any wet spill outdoors should be cleaned up using a spill kit to prevent pollution from entering the storm drain, which will end up in Puget Sound. Spill kits can be purchased from online suppliers or from most local industrial supply businesses.

Maintain your spill kit

Your spill kit is meant to be used for all wet spills and messes outdoors, so it is important to make sure the supplies are replenished often for your employees to use.



Kitty Litter



Zip ties*



Disposal bags



Absorbent Pads and Socks*



Disposable
Gloves



Dispose of ice and other liquids in the sink; avoid dumping into the garbage.



Replace leaking dumpsters for free by calling the City at (360) 279-4500.



Upgrade your dumpster to a larger size if it is consistently overflowing before pick up day.



Clean all floor mats indoors, using an indoor sink, or hire a contractor.



Clean hood vent filters indoors, using an indoor sink, or hire a contractor.



Provide a covered area for the storage of used cardboard. Ensure the cardboard is flattened and stacked neatly.



Educate employees on the importance of keeping pollution out of the storm drains. Hang the poster on the reverse side on the back door or in a location visible to all your employees.

*These materials can be purchased from online suppliers or from most local industrial supply businesses.

What We Do Outside Matters!

Keep dumpster areas clean and lids closed.

(Keep grease containers separated from dumpsters to avoid spills.)



Use a broom to sweep up trash.



Immediately use the spill kit to clean up wet messes and spills outside.



Keep cardboard flattened and stacked under a covered area.



We are the solution to pollution!



CITY OF
Oak Harbor
WHISKEY ISLAND, WASHINGTON

Keep Puget Sound Clean.

Report Spills: 360-279-4500 ▪ M-F, 8am-5pm ▪ 360-679-9567 after hours and holidays

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KEEP PUGET SOUND CLEAN!

✓ CLOSE THE LID

✓ PICK UP LOOSE GARBAGE

✓ CLEAN UP SPILLS

Call (360) 279-4500 for FREE leaky dumpster replacement.

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Appendix B

Initial and 30-day Observational Surveys

Restaurant:

Date: YES NO

Is the dumpster lid closed? <i>Notes:</i>		
Is the grease rendering container closed? <i>Notes:</i>		
How many pieces of garbage is on the ground within 50 feet of the dumpster? <i>Notes:</i>		
How many pieces of cardboard are on the ground within 100 feet of the restaurant? <i>Notes:</i>		
Does the restaurant have a spill kit? <i>Notes:</i>		

Restaurant:

Date: YES NO

Is the dumpster lid closed? <i>Notes:</i>		
Is the grease rendering container closed? <i>Notes:</i>		
How many pieces of garbage is on the ground within 50 feet of the dumpster? <i>Notes:</i>		
How many pieces of cardboard are on the ground within 100 feet of the restaurant? <i>Notes:</i>		
Does the restaurant have a spill kit? <i>Notes:</i>		

Restaurant:

Date: YES NO

Is the dumpster lid closed? <i>Notes:</i>		
Is the grease rendering container closed? <i>Notes:</i>		
How many pieces of garbage is on the ground within 50 feet of the dumpster? <i>Notes:</i>		
How many pieces of cardboard are on the ground within 100 feet of the restaurant? <i>Notes:</i>		
Does the restaurant have a spill kit? <i>Notes:</i>		

Is the dumpster lid closed? <i>Notes:</i>		
Is the grease rendering container closed? <i>Notes:</i>		
How many pieces of garbage is on the ground within 50 feet of the dumpster? <i>Notes:</i>		
How many pieces of cardboard are on the ground within 100 feet of the restaurant? <i>Notes:</i>		
Does the restaurant have a spill kit? <i>Notes:</i>		

