Appendix C
Exhibit Log

Exhibit 1
Notice of Program Evaluation, EPA Records Request, and Audit Schedule, dated December 16, 2011

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 10
1200 Sixth Avenue, Suite 900
Seattle, Washington 98101-3140

DEC 16 2011

OFFICE OF
COMPLIANCE AND ENFORCEMENT

Reply to: OCE-133

CERTIFIED MAIL –7011 0470 0002 9128 3700
RETURN RECEIPT REQUESTED

Megan White
Environmental Services Office Director
Washington State Department of Transportation
P.O. Box 47331
Olympia, Washington 98504-7331

Re: Washington State Department of Transportation (WSDOT)
Municipal Separate Storm Sewer System
Notice of Program Evaluation /Inspection and Information Request
NPDES Permit Number: WAR043000A

Dear Ms. White:

The purpose of this letter is to provide you with formal notification that the United States Environmental Protection Agency, Region 10 (EPA) will be conducting a focused evaluation and inspection of your Phase I Municipal Separate Storm Sewer System (MS4) program. Representatives from EPA, the State of Washington Department of Ecology (Ecology), and PG Environmental, LLC (PG), a contractor for the EPA, will be present. The program evaluation will be performed pursuant to 40 C.F.R. §122.41(i) and your National Pollutant Discharge Elimination System (NPDES) Permit Number WAR043000A. The goal of the program evaluation is to determine your overall success and effectiveness in meeting the conditions and requirements contained within the permit.

We have scheduled the inspection for Tuesday, January 31, 2012, through Wednesday, February 1, 2012. We would like to start at 8:00 a.m. at the WSDOT offices on Tuesday, January 31, 2012. WSDOT is asked to provide a suitable location where EPA, Ecology, PG, WSDOT, and other appropriate MS4 permittee staff can meet on January 31, 2012, through February 1, 2012. The program evaluation will consist of interviews with the MS4 permittee staff members, file reviews, and inspections of WSDOT operations.

We plan to review the stormwater program procedures and practices of WSDOT and will need appropriate personnel knowledgeable about these specific program areas to be available. Therefore, in an effort to minimize disturbances to staff and ensure that proper personnel (including inspectors) are available, we have enclosed a program evaluation agenda for each day (also see electronic file/table attached to email transmittal). The draft agenda serves to schedule this evaluation and to help you identify the appropriate person(s) who should be present during the office and in-field review. We can make small adjustments to this itinerary to meet schedule conflicts if necessary. In addition, we intend to hold a conference call with you in the weeks preceding the inspection to discuss logistics. Upon

conclusion of the program inspection, we will provide an exit interview, during which we can discuss the preliminary findings.

To assist with the MS4 evaluation, EPA is requesting the information listed in the enclosed spreadsheet (see also electronic file/spreadsheet attached to email transmittal). The spreadsheet is intended to be filled-out electronically. EPA is requesting this information pursuant to Section 308 of the Clean Water Act (CWA), 33 U.S.C. §1318.

For the most part, EPA requests that the information be provided during the applicable program element discussions scheduled for Tuesday, January 31, 2012. However, EPA is requesting that you provide Item Nos. 1-5, 19, 22, 28, 29, 30, and 34, which are highlighted in red, by January 16, 2012, as these are needed to help us understand what can be accomplished during our field exercises planned in the Olympia and Northwest Regions. Please provide the completed spreadsheet via e-mail as well as Item Nos. 1-5, 19, 22, 28, 29, 30, and 34 of the information request via mail or e-mail by January 16, 2011. Note the deadline for your response is intended to allow us some time to review the information that you submit before the inspection takes place. Wherever you are unable to provide a response in the required timeframe, please note that fact in your response. Please be aware that your lack of a response may necessitate a more in-depth investigation of the applicable portions of your stormwater management program. If some of the documents requested are extremely large and not available in electronic format, please have those documents available on-site for review, and indicate which documents you will have available on-site.

Please be aware that some of the items in the enclosed spreadsheet may not be applicable to the way your particular program is structured. If that is the case, please provide an explanation in the comments field of the spreadsheet+ and we can discuss in more detail during the inspection. EPA will likely request additional/specific documents during the inspection as we become aware of them (note that the records request contains place holders for anticipated items). A copy of the response should be mailed to both:

Julie Congdon
U.S. EPA, Region 10
1200 6th Avenue, Suite 900, OCE-133
Seattle, WA 98101
congdon.julie@epa.gov

and

Scott Coulson
U.S. EPA Contractor
PG Environmental, LLC
607 10th Street, Suite 307
Golden, CO 80401
scott.coulson@pgenv.com

Failure to provide all the requested information or to adequately explain the basis for such failure, or to make any false material statement or representation in response to this Information Request constitutes a violation of the Section 308 of the CWA. A violation of Section 308 of the CWA may result in an

enforcement action and the imposition of civil and/or criminal penalties or fines as provided under Section 309 of the CWA, 33 U.S.C. §1319, and Title 18 of the United States Code, 18 U.S.C. §1001.

Although the information requested may be submitted to EPA, you are entitled to assert a business confidentiality claim under 40 C.F.R. Part 2, Subpart B. If EPA determines your business confidentiality claim meets the criteria under 40 C.F.R. § 2.208, the information will be disclosed only to the extent described under 40 C.F.R. Part 2, Subpart B. Unless a confidentiality claim is asserted at the time the requested information is submitted, EPA may make the information available to the public without further notice to you.

We look forward to your cooperation with this matter. If you have questions about this inspection, please contact Julie Congdon, Compliance Officer at (206) 553-2752.

We thank you in advance for your cooperation.

Sincerely,

Edward J. Kowalski
Director

Enclosures

cc by email: Larry Schaffner
Washington State Department of Transportation

Foroozan Labib
Washington Department of Ecology

Kathleen Emmett
Washington Department of Ecology

Tentative Agenda for MS4 Program Inspection
Washington State Department of Transportation
January 31—February 1, 2012

Day	Time	Team 1 Program/Agenda Item	Team 2 Program/Agenda Item
Tuesday, January 31, 2012	8:00 am - 9:00 am	Kick-off Meeting & Program Management Overview **(Office)**	
	9:00 am - 10:30 am	Illicit Discharge Detection and Elimination **(Office)**—Section 3 of the SWMP plan	
	10:30 am - 12:00 pm	Maintenance (Section 7 of the SWMP plan)—including planning of field logistics for Wednesday afternoon **(Office)**	
	12:00 pm - 1:30 pm	Lunch Break—including discussion among the EPA Inspection Team members	
	1:30 pm - 3:00 pm	Maintenance **(Field)**	Construction Stormwater Pollution Prevention **(Office)**—Section 4 of the SWMP plan
	3:00 pm - 4:00 pm		Treatment and Flow Control BMP Maintenance **(Office)**—Section 7.2.4 of the SWMP plan
	4:00 pm - 4:30 pm	Recap and Logistics Planning for Thursday	
Wednesday, February 1, 2012	8:00 am - 9:00 am	Illicit Discharge Detection and Elimination **(Field)**	Construction Stormwater Pollution Prevention **(Field)**
	9:00 am - 12:00 pm		
	12:00 pm - 1:00 pm	Lunch Break	
	1:00 pm - 3:00 pm	Open Period for Additional Activities[1] (Tentative time slot)	
	3:00 pm - 3:30 pm	Internal Discussion[2]	
	3:30 pm - 4:30 pm	Closing Conference[3] (Tentative time slot)	

[1] Open Period for Additional Activities – Will be decided by the EPA Inspection Team during the inspection activity in collaboration with WSDOT staff.
[2] Internal Discussion – Time for inspectors to arrange notes and prepare information to be discussed with WSDOT at the Closing Conference. WSDOT participation is not expected.
[3] WSDOT is encouraged to invite representatives from all applicable organizational divisions/departments.

EPA MS4 PROGRAM COMPLIANCE INSPECTION - Washington State Department of Transportation
January 31 - February 1, 2012
Pre Inspection Questionnaire and Records Request

Program Management/Kick-off Meeting

Item No.	Document(s) Requested	Document Provided (please select Yes/No)	Formal Title(s) of Document(s) Provided and Date/Version	Department Responsible for Document(s)	Web Link to Document(s) Provided (Yes/No; please provide web address information)	Additional Information Regarding Requested Item (Comments/Notes)
1	MS4 Annual Report (most recent Reporting Year)					
2	Program organizational chart and/or a description of the departments and personnel involved in the implementation of your MS4 program and their responsibilities					
3	Map of the permitted area and receiving waters, basins, and segments, including any TMDL or 303(d) listed waters					
4	WSDOT Utilities Manual					
5	WSDOT Highway Runoff Manual (current version)					
6	Any formal agreements with other entities or local governments for implementation of your MS4 programs (e.g., memoranda of understanding)					

Illicit Discharge Detection and Elimination (IDDE)

Please Provide a Description of the Departments/Divisions Involved in Program Element and Brief Description of Responsibilities:

Item No.	Document(s) Requested	Document Provided (please select Yes/No)	Formal Title(s) of Document(s) Provided and Date/Version	Department Responsible for Document(s)	Web Link to Document(s) Provided (Yes/No; please provide web address information)	Additional Information Regarding Requested Item (Comments/Notes)
7	Regulatory mechanism(s) prohibiting non-stormwater discharges to the MS4					
8	At time of inspection, provide onsite demonstration of mapping tools used to identify connection points between municipal separate storm sewers owned or operated by WSDOT and other municipalities or other public entities					
9	At time of inspection, provide onsite demonstration of storm drain system mapping tools. Emphasize layers/mapping that informs the MS4 program activities (e.g., storm drain system, structural controls, outfalls, receiving waters, etc.)					
10	Procedures for receiving and investigating public/employee complaints					
11	Inventory of reported incidents of illicit discharges/connections/spills and resolution (most recent Reporting Year)					
12	At time of inspection, provide onsite demonstration of the web-based application used by staff to report illicit discharges					

13	At time of inspection, provide onsite demonstration of standard notification system for IDDE reporting and coordination with six WSDOT regions					
14	Written procedures for field screening outfalls and procedures for IDDE					
15	Records outfall inspections/dry weather field screening and monitoring (most recent Reporting Year)					
16	Example/case file of an illicit discharge incident where enforcement was used (ideally full extent of enforcement authority)					
17	Employee/maintenance personnel training records and syllabus pertaining to IDDE (most recent Reporting Year)					
18	WSDOT Stormwater accommodation policy for IDDE program					
Maintenance and Treatment & Flow Control BMPs						
Please Provide a Description of the Departments/Divisions Involved in Program Element and Brief Description of Responsibilities:						
Item No.	**Document(s) Requested**	**Document Provided (please select Yes/No)**	**Formal Title(s) of Document(s) Provided and Date/Version**	**Department Responsible for Document(s)**	**Web Link to Document(s) Provided (Yes/No; please provide web address information)**	**Additional Information Regarding Requested Item (Comments/Notes)**
19	Regional-level map/inventory of WSDOT facilities and properties within the permitted area (e.g., maintenance facilities, headquarters complex, rest areas, park and ride lots, ferry terminals, stockpile sites, storage and material handling areas, etc.)					
20	Example Facility Stormwater Pollution Prevention Plan (SWPPP) document—EPA Inspection Team may select additional sites at the time of the inspection					
21	BMPs identified to reduce stormwater pollution from WSDOT facilities and activities					
22	WSDOT Maintenance Manual					
23	Records of WSDOT facility inspections conducted for stormwater purposes (most recent Reporting Year)—EPA Inspection Team may select specific sites at the time of the inspection					
24	Employee/maintenance personnel training plan, records, and syllabus pertaining to maintenance activities and facility SWPPPs (most recent Reporting Year)					
25	Standard operating procedures (SOPs) and records for inspection and cleaning of the storm drain system (i.e. catch basins, ditches and culverts) - include checklists used in the field					
26	Example maintenance records for street sweeping in ESA sensitive areas					

27	Procedures for the proper disposal of waste materials removed from the MS4					
28	WSDOT Hydraulics Manual					
29	Regional-level map/inventory of post-construction BMPs in the permitted area showing location (differentiating WSDOT owned and operated from private/municipal in the ROW)					
30	Regional-level map/inventory of WSDOT facilities in the permitted area with low impact development techniques deployed					
31	Process for integrating the documentation of newly constructed stormwater facilities into the *Stormwater Facilities Inventory Database*					
32	Records of post-construction BMP maintenance inspections (most recent Reporting Year)-EPA Inspection Team will select specific sites at the time of the inspection					
33	Employee/maintenance personnel training records and syllabus pertaining to post-construction BMP maintenance inspection (most recent Reporting Year)					
Construction Site stormwater Runoff Control						
Please Provide a Description of the Departments/Divisions Involved in Program Element and Brief Description of Responsibilities:						
Item No.	**Document(s) Requested**	**Document Provided (please select Yes/No)**	**Formal Title(s) of Document(s) Provided and Date/Version**	**Department Responsible for Document(s)**	**Web Link to Document(s) Provided (Yes/No; please provide web address information)**	**Additional Information Regarding Requested Item (Comments/Notes)**
34	Regional-level map/inventory of current active construction sites in the permitted area showing location (differentiating WSDOT sponsored from private projects discharging to WSDOT MS4)					
35	All construction-related regulatory mechanisms pertaining to erosion, sediment, and waste control (e.g., WSDOT contract language and Standard Specifications)					
36	WSDOT Construction Manual					
37	Example Temporary Erosion and Sediment Control (TESC) Plan					
38	Example Spill Prevention Control and Countermeasure (SPCC) Plan					
39	Procedures for site plan, TESC, SPCC, and SWPPP review considering potential water quality impacts (including checklists used for reviews)					
40	Example TESC Inspection Report prepared by Contractor's Erosion and Sediment Control (ESC) Lead					
41	Construction inspection field checklist					
42	Procedures for selecting active construction projects for statewide TESC plan implementation and effectiveness assessment					

43	Procedures for site inspection and enforcement of control measures					
44	Construction inspection records for the Fall Effectiveness Assessment (most recent Reporting Year)—EPA Inspection Team may select specific sites at the time of the inspection					
45	Procedures for receipt and follow up on complaints or other information submitted by the public regarding construction sites (include example of actual complaint call documentation and resolution)					
46	Example/case file of a construction site issue where enforcement was used (ideally full extent of enforcement authority)					
47	Documentation of education / training for construction site operators/contractors, design engineers, WSDOT staff, and other individuals to whom the construction stormwater requirements apply					

In Addition to the Numbered Items Requested Above, Provide the Following:

Please Provide a Description of the Departments/Divisions Involved in Program Element and Brief Description of Responsibilities:

Item No.	Document(s) Requested	Document Provided (please select Yes/No)	Formal Title(s) of Document(s) Provided and Date/Version	Department Responsible for Document(s)	Web Link to Document(s) Provided (Yes/No; please provide web address information)	Additional Information Regarding Requested Item (Comments/Notes)
48	Please provide a list of what sites were chosen for the monitoring sites required in S7.B.3. Please note monitoring sites on a map, including latitude and longitude for the sites.					
49	Please provide a copy of the 2010 and 2011 Stormwater Monitoring Reports required in S8.F of the permit.					

In Addition to the Numbered Items Requested Above: Provide Any Other Documents or Tools You Believe Demonstrate Program Development and Structure.

Item No.	Formal Title of Document Provided (including Date/Version)	Department Responsible for Document	Web Link to Document Provided	Additional Information Regarding Document Provided (Comments/Notes)

Exhibit 2
WSDOT Response Inventory –
Part 1 submitted January 17, 2012,
Part 2 submitted January 30, 2012, and
Part 3 submitted February 16, 2012

EPA MS4 PROGRAM COMPLIANCE INSPECTION - Washington State Department of Transportation

January 31 - February 1, 2012

Pre Inspection Questionnaire and Records Request - Part 1 Submittal (January 17, 2012)

Program Management/Kick-off Meeting

Item No.	Document(s) Requested	Document Provided (please select Yes/No)	Formal Title(s) of Document(s) Provided and Date/Version	Department Responsible for Document(s)	Web Link to Document(s) Provided (Yes/No; please provide web address information)	Additional Information Regarding Requested Item (Comments/Notes)
1	MS4 Annual Report (most recent Reporting Year)	Yes	*2011 Stormwater Report - NPDES Municipal Stormwater Permit Annual Report for Fiscal Year 2010-2011*, October 2011	Environmental Services, Stormwater & Watersheds Program	http://www.wsdot.wa.gov/NR/rdonlyres/58917CF8-57EC-49E2-A159-5985687B5CC5/0/2011AnnualReport.pdf	
2	Program organizational chart and/or a description of the departments and personnel involved in the implementation of your MS4 program and their responsibilities	Yes	Various	Various	No	We do not have a description readily available highlighting just the departments and personnel involved in the implementation of our MS4 program.
3	Map of the permitted area and receiving waters, basins, and segments, including any TMDL or 303(d) listed waters	Yes	NPDES Municipal Stormwater Permit Coverage Area including TMDLs, NPDES Municipal Stormwater Permit Area with Basins and 303(d) Listed Waters, and TMDL Areas Approved by EPA and in WSDOT's NPDES Municipal Stormwater Permit - all dated Jan. 2012	Environmental Services, Stormwater & Watersheds Program	No	G:\Resource Prgms\Stormwater\NPDES\Municipal\WSDOT; G:\Resource Prgms\Stormwater\NPDES\Municipal\WSDOT; G:\Resource Prgms\Stormwater\NPDES\Municipal\WSDOT
4	WSDOT Utilities Manual	Yes	*Utilities Manual*, M 22-87.02, March 2010	Design Office, Engineering and Regional Operations Division	http://www.wsdot.wa.gov/publications/manuals/fulltext/M22-87/Utilities.pdf	
5	WSDOT Highway Runoff Manual (current version)	Yes	*Highway Runoff Manual*, M 31-16.02 May 2010	Design Office, Engineering and Regional Operations Division	http://www.wsdot.wa.gov/publications/manuals/fulltext/M31-16/HighwayRunoff.pdf	A revised version of this manual is undergoing the Department of Ecology's review/approval process as part of the WSDOT MS4 Permit modification process.
6	Any formal agreements with other entities or local governments for implementation of your MS4 programs (e.g., memoranda of understanding)					

Illicit Discharge Detection and Elimination (IDDE)

Please Provide a Description of the Departments/Divisions Involved in Program Element and Brief Description of Responsibilities:

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7	Regulatory mechanism(s) prohibiting non-stormwater discharges to the MS4					

8	At time of inspection, provide onsite demonstration of mapping tools used to identify connection points between municipal separate storm sewers owned or operated by WSDOT and other municipalities or other public entities					
9	At time of inspection, provide onsite demonstration of storm drain system mapping tools. Emphasize layers/mapping that informs the MS4 program activities (e.g., storm drain system, structural controls, outfalls, receiving waters, etc.)					
10	Procedures for receiving and investigating public/employee complaints					
11	Inventory of reported incidents of illicit discharges/connections/spills and resolution (most recent Reporting Year)					
12	At time of inspection, provide onsite demonstration of the web-based application used by staff to report illicit discharges					
13	At time of inspection, provide onsite demonstration of standard notification system for IDDE reporting and coordination with six WSDOT regions					
14	Written procedures for field screening outfalls and procedures for IDDE					
15	Records outfall inspections/dry weather field screening and monitoring (most recent Reporting Year)					
16	Example/case file of an illicit discharge incident where enforcement was used (ideally full extent of enforcement authority)					
17	Employee/maintenance personnel training records and syllabus pertaining to IDDE (most recent Reporting Year)					
18	WSDOT Stormwater accommodation policy for IDDE program					
Maintenance and Treatment & Flow Control BMPs						
Please Provide a Description of the Departments/Divisions Involved in Program Element and Brief Description of Responsibilities:						
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19	Regional-level map/inventory of WSDOT facilities and properties within the permitted area (e.g., maintenance facilities, headquarters complex, rest areas, park and ride lots, ferry terminals, stockpile sites, storage and material handling areas, etc.)	Yes	Northwest Region Inventory of WSDOT Facilities with SWPPPs, North Central Region Inventory of WSDOT Facilities with SWPPPs, Olympic Region Inventory of WSDOT Facilities with SWPPPs, Eastern Region Inventory of WSDOT Facilities with SWPPPs, Southwest Region Inventory of WSDOT Facilities with SWPPPs, and South central Region Inventory of WSDOT Facilities with SWPPPs - all dated Jan. 2012	Environmental Services, Stormwater & Watersheds Program	No	G:\Resource Prgms\Stormwater\NPDES\Municipal\WSDOT; G:\Resource Prgms\Stormwater\NPDES\Municipal\WSDOT; G:\Resource Prgms\Stormwater\NPDES\Municipal\WSDOT; G:\Resource Prgms\Stormwater\NPDES\Municipal\WSDOT; G:\Resource Prgms\Stormwater\NPDES\Municipal\WSDOT; G:\Resource Prgms\Stormwater\NPDES\Municipal\WSDOT
20	Example Facility Stormwater Pollution Prevention Plan (SWPPP) document—EPA Inspection Team may select additional sites at the time of the inspection					
21	BMPs identified to reduce stormwater pollution from WSDOT facilities and activities					
22	WSDOT Maintenance Manual	Yes	*Maintenance Manual* , M 51-01.04, October 2010	Maintenance and Operations Programs	http://www.wsdot.wa.gov/publications/manuals/fulltext/M51-01/Maintenance.pdf	
23	Records of WSDOT facility inspections conducted for stormwater purposes (most recent Reporting Year)—EPA Inspection Team may select specific sites at the time of the inspection					

24	Employee/maintenance personnel training plan, records, and syllabus pertaining to maintenance activities and facility SWPPPs (most recent Reporting Year)					
25	Standard operating procedures (SOPs) and records for inspection and cleaning of the storm drain system (i.e. catch basins, ditches and culverts) - include checklists used in the fielc					
26	Example maintenance records for street sweeping in ESA sensitive areas					
27	Procedures for the proper disposal of waste materials removed from the MS4					
28	WSDOT Hydraulics Manual	Yes	*Hydraulics Manual,* M 23-03.03, June 2010	Design Office, Engineering and Regional Operations Division	http://www.wsdot.wa.gov/publications/manuals/fulltext/M23-03/HydraulicsManual.pdf	
29	Regional-level map/inventory of post-construction BMPs in the permitted area showing location (differentiating WSDOT owned and operated from private/municipal in the ROW)	Yes	WSDOT NW REGION BMPS MAPPED TO DATE (1/15/12); WSDOT OLY REGION BMPS MAPPED TO DATE (1/15/12)	Environmental Services, Stormwater & Watersheds Program	No	C:\Documents and Settings\Simonc\De C:\Documents and Settings\Simonc\De WSDOT does not currently differentiate WSDOT owned and operated from private/municipal in the ROW. This will be worked out through maintenance inspection work. These maps are a snapshot in time of BMPs that have been documented into GIS (i.e., what WSDOT Stormwater and Watersheds Program uses as our mapping tool). WSDOT's permit requires us to finish inventorying all known owned and operated structural stormwater treatment and flow control facilities by March 5th, 2014.

30	Regional-level map/inventory of WSDOT facilities in the permitted area with low impact development techniques deployed	No			No	*Response adjusted based on direction received from EPA contractor on Jan. 10.* WSDOT is required to use WA Dept. of Ecology-approved post-construction BMPs. To date, neither WSDOT nor WA Dept. of Ecology has applied any "Low Impact Development (LID) label" to the BMPs contained in WSDOT's Highway Runoff Manual (HRM). However, the HRM's stormwater facility design strategy (see Section 2-5.2) embraces LID design principals, its glossary defines LID, and many of the HRM's BMPs could be characterized as LID techniques (e.g., infiltration, dispersion, biofiltration BMPs).
31	Process for integrating the documentation of newly constructed stormwater facilities into the *Stormwater Facilities Inventory Database*					
32	Records of post-construction BMP maintenance inspections (most recent Reporting Year)-EPA Inspection Team will select specific sites at the time of the inspection					
33	Employee/maintenance personnel training records and syllabus pertaining to post-construction BMP maintenance inspection (most recent Reporting Year)					
Construction Site stormwater Runoff Control						
Please Provide a Description of the Departments/Divisions Involved in Program Element and Brief Description of Responsibilities:						
Item No.	**Document(s) Requested**	**Document Provided (please select Yes/No)**	**Formal Title(s) of Document(s) Provided and Date/Version**	**Department Responsible for Document(s)**	**Web Link to Document(s) Provided (Yes/No; please provide web address information)**	**Additional Information Regarding Requested Item (Comments/Notes)**
34	Regional-level map/inventory of current active construction sites in the permitted area showing location (differentiating WSDOT sponsored from private projects discharging to WSDOT MS4)	Yes	Northwest Region Projects (1/12); Olympic Region Projects 1/12); Southwest Region Project (1/12); WSDOT NCR NPDES Sites (1/12); Eastern Region Active NPDES Construction Permits (1/11/12 - Set of two maps); SCR Snoqualmie Pass Project- Active NPDES (1/12); MEGA PROJECTS ACTIVE NPDES PROJECTS (1/12)	Environmental Services, Stormwater & Watersheds Program	No	C:\Users\piekare\Desktop\NW region.pdf C:\Users\piekare\Desktop\OR map.pdf C:\Users\piekare\Desktop\SW map.pdf C:\Users\piekare\Desktop\NCR NPDES Sites.pdf C:\Users\piekare\Desktop\2012 NPDES Const C:\Users\piekare\Desktop\2012 NPDES Const C:\Users\piekare\Desktop\SC region.pdf C:\Users\piekare\Desktop\MEGA PROJECTS.pdf
35	All construction-related regulatory mechanisms pertaining to erosion, sediment, and waste control (e.g., WSDOT contract language and Standard Specifications)					

36	WSDOT Construction Manual					
37	Example Temporary Erosion and Sediment Control (TESC) Plan					
38	Example Spill Prevention Control and Countermeasure (SPCC) Plan					
39	Procedures for site plan, TESC, SPCC, and SWPPP review considering potential water quality impacts (including checklists used for reviews)					
40	Example TESC Inspection Report prepared by Contractor's Erosion and Sediment Control (ESC) Lead					
41	Construction inspection field checklist					
42	Procedures for selecting active construction projects for statewide TESC plan implementation and effectiveness assessment					
43	Procedures for site inspection and enforcement of control measures					
44	Construction inspection records for the Fall Effectiveness Assessment (most recent Reporting Year)—EPA Inspection Team may select specific sites at the time of the inspection					
45	Procedures for receipt and follow up on complaints or other information submitted by the public regarding construction sites (include example of actual complaint call documentation and resolution)					

46	Example/case file of a construction site issue where enforcement was used (ideally full extent of enforcement authority)					
47	Documentation of education / training for construction site operators/contractors, design engineers, WSDOT staff, and other individuals to whom the construction stormwater requirements apply					

In Addition to the Numbered Items Requested Above, Provide the Following:

Please Provide a Description of the Departments/Divisions Involved in Program Element and Brief Description of Responsibilities:

Item No.	Document(s) Requested	Document Provided (please select Yes/No)	Formal Title(s) of Document(s) Provided and Date/Version	Department Responsible for Document(s)	Web Link to Document(s) Provided (Yes/No; please provide web address information)	Additional Information Regarding Requested Item (Comments/Notes)
48	Please provide a list of what sites were chosen for the monitoring sites required in S7.B.3. Please note monitoring sites on a map, including latitude and longitude for the sites.					
49	Please provide a copy of the 2010 and 2011 Stormwater Monitoring Reports required in S8.F of the permit.					

In Addition to the Numbered Items Requested Above: Provide Any Other Documents or Tools You Believe Demonstrate Program Development and Structure.

Item No.	Formal Title of Document Provided (including Date/Version)			Department Responsible for Document	Web Link to Document Provided	Additional Information Regarding Document Provided (Comments/Notes)

EPA MS4 PROGRAM COMPLIANCE INSPECTION - Washington State Department of Transportation
January 31 - February 1, 2012
Pre Inspection Questionnaire and Records Request - Part 2 Submittal (January 30, 2012)

Program Management/Kick-off Meeting

Item No.	Document(s) Requested	Document Provided (please select Yes/No)	Formal Title(s) of Document(s) Provided and Date/Version	Department Responsible for Document(s)	Web Link to Document(s) Provided (Yes/No; please provide web address information)	Additional Information Regarding Requested Item (Comments/Notes)
1	MS4 Annual Report (most recent Reporting Year)	Yes				Previously submitted 1/17/12
2	Program organizational chart and/or a description of the departments and personnel involved in the implementation of your MS4 program and their responsibilities	Yes				Previously submitted 1/17/12
3	Map of the permitted area and receiving waters, basins, and segments, including any TMDL or 303(d) listed waters	Yes				Previously submitted 1/17/12
4	WSDOT Utilities Manual	Yes				Previously submitted 1/17/12
5	WSDOT Highway Runoff Manual (current version)	Yes				Previously submitted 1/17/12
6	Any formal agreements with other entities or local governments for implementation of your MS4 programs (e.g., memoranda of understanding)	Yes		Environmental Services (responsible for the EAP Agreement) Washington State Ferries (responsible for the Ferry Terminal Agreement) Real Estate Services (responsible for the Park and Ride Lot Agreements)	No	Park and Ride Lot agreements may not necessarily pertain to areas falling within the jurisdiction of WSDOT's MS4 permit as it has not been determined yet which of these facilities discharge into MS4s. See separate WinZip file containing the agreements as this file was too large to insert into the spreadsheet.

Illicit Discharge Detection and Elimination (IDDE)

Please Provide a Description of the Departments/Divisions Involved in Program Element and Brief Description of Responsibilities:

Item No.	Document(s) Requested	Document Provided (please select Yes/No)	Formal Title(s) of Document(s) Provided and Date/Version	Department Responsible for Document(s)	Web Link to Document(s) Provided (Yes/No; please provide web address information)	Additional Information Regarding Requested Item (Comments/Notes)
7	Regulatory mechanism(s) prohibiting non-stormwater discharges to the MS4	Yes	*Washington State Department of Transportation Stormwater Management Program Plan* (SWMPP), May 2010 (*Appendix 7* of the May 5, 2010 WSDOT MS4 Permit)	Environmental Services, Stormwater & Watersheds Program (responsible for the content contained in *Section 2.6* of the SWMPP)	http://www.ecy.wa.gov/programs/wq/stormwater/municipal/wsdot/wsdotpermit050510.pdf	The mechanism is described in *Section 2.6 Legal Authority of WSDOT's SWMPP*.
8	At time of inspection, provide onsite demonstration of mapping tools used to identify connection points between municipal separate storm sewers owned or operated by WSDOT and other municipalities or other public entities	No	Not applicable	Environmental Services, Stormwater & Watersheds Program will provide demonstration	No	Onsite demonstration will be provided by staff per request
9	At time of inspection, provide onsite demonstration of storm drain system mapping tools. Emphasize layers/mapping that informs the MS4 program activities (e.g., storm drain system, structural controls, outfalls, receiving waters, etc.)	No	Not applicable	Environmental Services, Stormwater & Watersheds Program will provide demonstration	No	Onsite demonstration will be provided by staff per request
10	Procedures for receiving and investigating public/employee complaints	Yes	*Receiving IDDE Information from Public and Employees*, 1/25/12	Environmental Services, Stormwater & Watersheds Program	No	Receiving IDDE Information from Public and
11	Inventory of reported incidents of illicit discharges/connections/spills and resolution (most recent Reporting Year)	Yes	*IDDE Report, rev* 1/25/11	Environmental Services, Stormwater & Watersheds Program	No	IDDE_Report.xlsx

12	At time of inspection, provide onsite demonstration of the web-based application used by staff to report illicit discharges	No	Not applicable	Environmental Services, Stormwater & Watersheds Program will provide demonstration	No	Onsite demonstration will be provided by staff per request
13	At time of inspection, provide onsite demonstration of standard notification system for IDDE reporting and coordination with six WSDOT regions	No	Not applicable	Environmental Services, Stormwater & Watersheds Program will provide demonstration	No	Onsite demonstration will be provided by staff per request
14	Written procedures for field screening outfalls and procedures for IDDE	No	Not applicable		No	WSDOT's MS4 permit does not require outfall inspection
15	Records outfall inspections/dry weather field screening and monitoring (most recent Reporting Year)	No	Not applicable		No	WSDOT's MS4 permit does not require outfall inspection
16	Example/case file of an illicit discharge incident where enforcement was used (ideally full extent of enforcement authority)	Yes	*SR410 MP15,* 1/25/12	Environmental Services, Stormwater & Watersheds Program	No	SR 410 MP 15.pdf
17	Employee/maintenance personnel training records and syllabus pertaining to IDDE (most recent Reporting Year)	Yes	*IDDE Training – Field Staff*, rev 1/27/12 *IDDE/Spill Training for WSDOT*, 1/24/11 *IDDE Presentation*, rev 8/24/2011	Environmental Services, Stormwater & Watersheds Program	No	IDDE Training.pdf IDDE Training.xlsx IDDEFieldStaffWith Applicatio n 8 2011.pdf
18	WSDOT Stormwater accommodation policy for IDDE program	Yes	*Accommodation of Stormwater Runoff onto Right of Way*, Policy Statement Number: P 2032.00, draft 1/4/12	Engineering & Regional Operations	No	The policy is in draft form and undergoing executive review

Maintenance and Treatment & Flow Control BMPs

Please Provide a Description of the Departments/Divisions Involved in Program Element and Brief Description of Responsibilities:

Item No.	Document(s) Requested	Document Provided (please select Yes/No)	Formal Title(s) of Document(s) Provided and Date/Version	Department Responsible for Document(s)	Web Link to Document(s) Provided (Yes/No; please provide web address information)	Additional Information Regarding Requested Item (Comments/Notes)
19	Regional-level map/inventory of WSDOT facilities and properties within the permitted area (e.g., maintenance facilities, headquarters complex, rest areas, park and ride lots, ferry terminals, stockpile sites, storage and material handling areas, etc.)	Yes				Previously submitted 1/17/12
20	Example Facility Stormwater Pollution Prevention Plan (SWPPP) document—EPA Inspection Team may select additional sites at the time of the inspection	Yes	*Lakeview Maintenance Facility Site Plan* *Stormwater Pollution Prevention Plan For Lakeview Area Maintenance Facility*, rev 12/11	Maintenance Office	No	
21	BMPs identified to reduce stormwater pollution from WSDOT facilities and activities	Yes	*Road Maintenance Endangered Species Act Program* (web link) *2011- 2012 Snow and Ice Plan* (web link) *Roadside Vegetation Management Plans, various dates* (web link) *WSDOT Maintenance Manual, Chapter 4 – Drainage*, March 2002 (web link) *Maintenance Facility SWPPP BMP's*, rev. 12/11 (attached document)	Regional Road Maintenance Technical Working Group Maintenance and Operations Maintenance and Operations Maintenance and Operations Maintenance and Operations	http://www.wsdot.wa.gov/Maintenance/Roadside/Esa.htm http://www.wsdot.wa.gov/winter/SnowIcePlan.htm http://www.wsdot.wa.gov/Maintenance/Roadside/mgmt_plans.htm http://www.wsdot.wa.gov/publications/manuals/fulltext/M51-01/Chapter4.pdf	Clarification received from EPA contractor on Jan. 10 explaining that this item refers to operational BMPs.
22	WSDOT Maintenance Manual	Yes				Previously submitted 1/17/12
23	Records of WSDOT facility inspections conducted for stormwater purposes (most recent Reporting Year)—EPA Inspection Team may select specific sites at the time of the inspection	Yes	*Maintenance Facility SWPPP/BMP Inspection Checklist*, rev 9/11 *Maintenance Facility SWPPP Inspection Reports*, various	Maintenance and Operations	No	

24	Employee/maintenance personnel training plan, records, and syllabus pertaining to maintenance activities and facility SWPPPs (most recent Reporting Year)	Yes	*Training Records*, 7/1/10 – 6/30/11 *WSDOT Maintenance Program ESA and General HPA Overview* (Presentation), 10/6/11 *Training Records*, 1/10/12 *Storm Water Pollution Prevention Plan - Lakeview & Tacoma Narrows Bridge Maintenance Facilities* (Presentation) *Environmental Compliance Assurance Procedure (ECAP) for Maintenance Work Activities* *Regional Road Maintenance ESA Program T3F Field Course – Erosion and Sediment Control Talking Points, Draft* *RRMF Track 3F Field BMP Course*, September 28 and 29	Maintenance and Operations	No	No formal refresher training was conducted at SWPPP facilities during the most recent reporting year, as we are not required to under the permit. However, informal SWPPP training may occur during monthly facility safety meetings. WSDOT also intends to begin formal SWPPP refresher training this year.
25	Standard operating procedures (SOPs) and records for inspection and cleaning of the storm drain system (i.e. catch basins, ditches and culverts) - include checklists used in the field	Yes	*Highway Runoff Manual – M 31 16.02* (see *Table 5.5.1*), May 2010 *Catch basin Inspection Record 17367*, 1/13/12 *Culvert Inspection Record 19027*, 1/26/12 *Inspection Questions for Stormwater Treatment and Flow Control BMPs*, rev. 4/2011 *SR 112 Maintenance Record*, 11/22/11	Design Office, Engineering and Regional Operations Division (*Highway Runoff Manual*) Maintenance and Operations (four attached documents)	http://www.wsdot.wa.gov/publications/manuals/fulltext/M31-16/HighwayRunoff.pdf	Facility-specific maintenance standards appear in tables 5.5.1 to 5.5.13 of the *Highway Runoff Manual* (web link provided, see pages 5-217 to 5-230).
26	Example maintenance records for street sweeping in ESA sensitive areas	Yes	*Street sweeping record examples*, various	Maintenance and Operations	No	
27	Procedures for the proper disposal of waste materials removed from the MS4	Yes	Guidelines for Disposal of WSDOT Vactor Material & Sweepings, 1/25/12	Maintenance and Operations	No	Wet culvert material is treated the same as vactor material. WSDOT considers ditching/culvert material to be clean dirt.
28	WSDOT Hydraulics Manual	Yes				Previously submitted 1/17/12
29	Regional-level map/inventory of post-construction BMPs in the permitted area showing location (differentiating WSDOT owned and operated from private/municipal in the ROW)	Yes				Previously submitted 1/17/12
30	Regional-level map/inventory of WSDOT facilities in the permitted area with low impact development techniques deployed	No			No	Response adjusted based on direction received from EPA contractor on Jan. 10.
31	Process for integrating the documentation of newly constructed stormwater facilities into the *Stormwater Facilities Inventory Database*	Yes	*Searching and Downloading Drainage Date*, 1//26/12 *Process for Georeferencing*, 11/26/08	Environmental Services, Stormwater & Watersheds Program	No	Searching and Downloading Drainage Data Process for Georeferencing.pdf

32	Records of post-construction BMP maintenance inspections (most recent Reporting Year)-EPA Inspection Team will select specific sites at the time of the inspection	No			No	WSDOT does not have records of inspection and maintenance of stormwater treatment and flow control BMPs. Permit requirements for stormwater treatment and flow control BMPs inspection and maintenance does not come into effect until March 2012. To date inspections and maintenance performed at these structures have not been documented. WSDOT is finalizing our process to document inspection and maintenance of these structures in our *Highway Activity Tracking System* (HATS).
33	Employee/maintenance personnel training records and syllabus pertaining to post-construction BMP maintenance inspection (most recent Reporting Year)	Yes	*Refresher Training Presentation* , draft		No	WSDOT staff have not been trained to inspect and maintain stormwater treatment and flow control BMPs. Permit requirements for stormwater treatment and flow control BMPs inspection and maintenance does not come into effect until March 2012. WSDOT is in the process of finalizing training for this program. The attached file is a draft presentation that is being prepared for use in this training.
Construction Site stormwater Runoff Control						
Please Provide a Description of the Departments/Divisions Involved in Program Element and Brief Description of Responsibilities:						
Item No.	**Document(s) Requested**	**Document Provided (please select Yes/No)**	**Formal Title(s) of Document(s) Provided and Date/Version**	**Department Responsible for Document(s)**	**Web Link to Document(s) Provided (Yes/No; please provide web address information)**	**Additional Information Regarding Requested Item (Comments/Notes)**
34	Regional-level map/inventory of current active construction sites in the permitted area showing location (differentiating WSDOT sponsored from private projects discharging to WSDOT MS4)	Yes				Previously submitted 1/17/12
35	All construction-related regulatory mechanisms pertaining to erosion, sediment, and waste control (e.g., WSDOT contract language and Standard Specifications)	Yes	*Standard Specifications for Road, Bridge, and Municipal Construction 2012, M 41-10* (web link) *Standard Plans M 21-01* , August 1, 2011 (web link) *NPDES Construction Stormwater General Permits and Design-Build Projects* , 1/30/2012 (attached document) Also see *Construction Manual, M 41-01.11* , July 2011 (in *Item #36* below - web link)	Construction Administration Office, Engineering and Regional Operations (*Standard Specifications* and *Construction Manuals*) Design Office, Engineering and Regional Operations Division (*Standard Plans*) Environmental Services, Permitting & Compliance Program (Design-Build Document)	http://www.wsdot.wa.gov/publications/manuals/fulltext/M41-10/SS2012.pdf http://www.wsdot.wa.gov/publications/fulltext/Standards/08_11StdPlanmanual.pdf	The first document below describes the locations of the erosion control-related elements in the referenced manuals. The second document describes the contract requirements and compliance oversight for WSDOT's design-build projects. C:\Documents and Settings\schaff\Do

36	WSDOT Construction Manual	Yes	*Construction Manual, M41-01.11* , July 2011	Construction Administration Office, Engineering and Regional Operations Division	http://www.wsdot.wa.gov/publications/manuals/fulltext/M41-01/Construction.pdf	
37	Example Temporary Erosion and Sediment Control (TESC) Plan	Yes	*Temporary Erosion Sediment Control Plan Narrative - SR 105 / Norris Slough - Culvert Replacement* , 12/14/09	WSDOT Southwest Region Project Design Office	No	C:\Documents and Settings\piekare\De
38	Example Spill Prevention Control and Countermeasure (SPCC) Plan	Yes	*Spill Prevention, Control and Countermeasures Plan – Revision #2 – Camas/Washougal Add Lanes & Build Interchange* , 5/11/11	Created by Contractor per Specification 1-07.15(1)	No	C:\Documents and Settings\piekare\De
39	Procedures for site plan, TESC, SPCC, and SWPPP review considering potential water quality impacts (including checklists used for reviews)	Yes	*Plans Preparation Manual* M 22-31.03, June 2011	Design Office, Engineering and Regional Operations Division	http://www.wsdot.wa.gov/publications/manuals/fulltext/M22-31/PlansPreparation.pdf	*Plans Preparation Manual* includes the procedures for plan development and review. TESC plan procedures are outlined in Division 7 (31)
40	Example TESC Inspection Report prepared by Contractor's Erosion and Sediment Control (ESC) Lead	Yes	Four examples of *Erosion and Sediment Control inspection reports* , dates vary	Provided by contractor's ESC Lead as required by Standard Specification 8-01.3(1)B	No	
41	Construction inspection field checklist	Yes	*Erosion and Sediment Control Inspection Form 220-030*	Environmental Services, Stormwater & Watersheds Program	No	C:\Documents and Settings\piekare\De
42	Procedures for selecting active construction projects for statewide TESC plan implementation and effectiveness assessment	Yes	*Highway Runoff Manual M 31-16.02* , May 2010 *Annual Erosion Assessments: Internal Procedures Performed by the Statewide Erosion Control Lead* , 2011	Design Office, Engineering and Regional Operations Division Environmental Services, Stormwater & Watersheds Program	http://www.wsdot.wa.gov/publications/manuals/fulltext/M31-16/HighwayRunoff.pdf	The criteria for selecting projects are found in Chapter 6 of the *Highway Runoff Manual* , link provided. The document below outlines the procedures for conducting the annual effectiveness assessments.
43	Procedures for site inspection and enforcement of control measures	Yes	*Fall Assessment Checklist* , 2010 *TESC Assessment Form* , 2010	Environmental Services, Stormwater & Watersheds Program	No	C:\Documents and Settings\piekare\De C:\Documents and Settings\piekare\De
44	Construction inspection records for the Fall Effectiveness Assessment (most recent Reporting Year)—EPA Inspection Team may select specific sites at the time of the inspection	Yes	*Fall TESC Assessment Reports* for the nine projects sites inspected in 2011	Environmental Services, Stormwater & Watersheds Program	No	C:\Documents and Settings\piekare\De C:\Documents and Settings\piekare\De C:\Documents and Settings\piekare\De C:\Documents and Settings\piekare\De C:\Documents and Settings\piekare\De C:\Documents and Settings\piekare\De C:\Documents and Settings\piekare\De C:\Documents and Settings\piekare\De C:\Documents and Settings\piekare\De

45	Procedures for receipt and follow up on complaints or other information submitted by the public regarding construction sites (include example of actual complaint call documentation and resolution)	Yes	*Complaint procedure description*, 1/24/12 *Environmental Report Tracking System (ERTS) #619122*, 4/9/2010 *ERTS #619122 email*, 4/8/10	Environmental Services, Stormwater & Watersheds Program	No	
46	Example/case file of a construction site issue where enforcement was used (ideally full extent of enforcement authority)	Yes	*Water Quality Program Corrective Actions Required - I-5, SR 161/SR 18 Triangle*, 10/31/11 *I-5, SR 161/SR 18 Triangle Environmental Compliance Assurance Procedure (ECAP) Report*, 11/2/11	*Corrective Actions Report* done by the Department of Ecology *ECAP Report* done by the WSDOT project office	No	C:\Users\piekare\Desktop\I-5 SR18 Triangl C:\Users\piekare\Desktop\I-5 SR 18 Triangle
47	Documentation of education / training for construction site operators/contractors, design engineers, WSDOT staff, and other individuals to whom the construction stormwater requirements apply	Yes	*Erosion Control Training Tracking Spreadsheet*, 2008-2012	Environmental Services, Stormwater & Watersheds Program	No	C:\Documents and Settings\piekare\De

In Addition to the Numbered Items Requested Above, Provide the Following:

Please Provide a Description of the Departments/Divisions Involved in Program Element and Brief Description of Responsibilities:

Item No.	Document(s) Requested	Document Provided (please select Yes/No)	Formal Title(s) of Document(s) Provided and Date/Version	Department Responsible for Document(s)	Web Link to Document(s) Provided (Yes/No; please provide web address information)	Additional Information Regarding Requested Item (Comments/Notes)
48	Please provide a list of what sites were chosen for the monitoring sites required in S7.B.3. Please note monitoring sites on a map, including latitude and longitude for the sites.	Yes	*Highway monitoring site locations and map PDF*, 1/24/12	Environmental Services, Stormwater & Watersheds Program	No	
49	Please provide a copy of the 2010 and 2011 Stormwater Monitoring Reports required in S8.F of the permit.	Yes	*WSDOT's 2010 Stormwater Report – WSDOT's Municipal NPDES 2010 Annual Report*, October 2010 *WSDOT 2011 Stormwater Report – NPDES Municipal Stormwater Permit Annual Report for Fiscal Year 2010-2011*, October 2011	Environmental Services, Stormwater & Watersheds Program	http://www.wsdot.wa.gov/NR/rdonlyres/B00D2870-2D58-454D-83DC-90C1F96AD546/0/2010StormwaterReport.pdf http://www.wsdot.wa.gov/NR/rdonlyres/58917CF8-57EC-49E2-A159-5985687B5CC5/0/2011AnnualReport.pdf	To avoid duplication and redundancy, the status report on preparations to meet requirements in S7.A through S7.E were included in *Chapter 8* of the MS4 Annual Reports

In Addition to the Numbered Items Requested Above: Provide Any Other Documents or Tools You Believe Demonstrate Program Development and Structure.

Item No.	Formal Title of Document Provided (including Date/Version)	Department Responsible for Document	Web Link to Document Provided	Additional Information Regarding Document Provided (Comments/Notes)

EPA MS4 PROGRAM COMPLIANCE INSPECTION - Washington State Department of Transportation
January 31 - February 1, 2012
Pre Inspection Questionnaire and Records Request - Part 3 Submittal (February 16, 2012)

Program Management/Kick-off Meeting

Item No.	Document(s) Requested	Document Provided (please select Yes/No)	Formal Title(s) of Document(s) Provided and Date/Version	Department Responsible for Document(s)	Web Link to Document(s) Provided (Yes/No; please provide web address information)	Additional Information Regarding Requested Item (Comments/Notes)
1	MS4 Annual Report (most recent Reporting Year)	Yes				Previously submitted 1/17/12
2	Program organizational chart and/or a description of the departments and personnel involved in the implementation of your MS4 program and their responsibilities	Yes				Previously submitted 1/17/12
3	Map of the permitted area and receiving waters, basins, and segments, including any TMDL or 303(d) listed waters	Yes				Previously submitted 1/17/12
4	WSDOT Utilities Manual	Yes				Previously submitted 1/17/12
5	WSDOT Highway Runoff Manual (current version)	Yes				Previously submitted 1/17/12
6	Any formal agreements with other entities or local governments for implementation of your MS4 programs (e.g., memoranda of understanding)	Yes				Previously submitted 1/30/12

Illicit Discharge Detection and Elimination (IDDE)
Please Provide a Description of the Departments/Divisions Involved in Program Element and Brief Description of Responsibilities:

Item No.	Document(s) Requested	Document Provided (please select Yes/No)	Formal Title(s) of Document(s) Provided and Date/Version	Department Responsible for Document(s)	Web Link to Document(s) Provided (Yes/No; please provide web address information)	Additional Information Regarding Requested Item (Comments/Notes)
7	Regulatory mechanism(s) prohibiting non-stormwater discharges to the MS4	Yes				Previously submitted 1/30/12
8	At time of inspection, provide onsite demonstration of mapping tools used to identify connection points between municipal separate storm sewers owned or operated by WSDOT and other municipalities or other public entities	No				Response previously submitted 1/30/12
9	At time of inspection, provide onsite demonstration of storm drain system mapping tools. Emphasize layers/mapping that informs the MS4 program activities (e.g., storm drain system, structural controls, outfalls, receiving waters, etc.	No				Response previously submitted 1/30/12
10	Procedures for receiving and investigating public/employee complaints	Yes				Previously submitted 1/30/12
11	Inventory of reported incidents of illicit discharges/connections/spills and resolution (most recent Reporting Year)	Yes				Previously submitted 1/30/12
12	At time of inspection, provide onsite demonstration of the web-based application used by staff to report illicit discharge	No				Response previously submitted 1/30/12
13	At time of inspection, provide onsite demonstration of standard notification system for IDDE reporting and coordination with six WSDOT regions	No				Response previously submitted 1/30/12
14	Written procedures for field screening outfalls and procedures for IDDE	No				Response previously submitted 1/30/12
15	Records outfall inspections/dry weather field screening and monitoring (most recent Reporting Year	No				Response previously submitted 1/30/12
16	Example/case file of an illicit discharge incident where enforcement was used (ideally full extent of enforcement authority)	Yes				Previously submitted 1/30/12
17	Employee/maintenance personnel training records and syllabus pertaining to IDDE (most recent Reporting Year)	Yes				Previously submitted 1/30/12

18	WSDOT Stormwater accommodation policy for IDDE program	Yes				Previously submitted 1/30/12
Maintenance and Treatment & Flow Control BMPs						
Please Provide a Description of the Departments/Divisions Involved in Program Element and Brief Description of Responsibilities:						
Item No.	**Document(s) Requested**	**Document Provided (please select Yes/No)**	**Formal Title(s) of Document(s) Provided and Date/Version**	**Department Responsible for Document(s)**	**Web Link to Document(s) Provided (Yes/No; please provide web address information)**	**Additional Information Regarding Requested Item (Comments/Notes)**
19	Regional-level map/inventory of WSDOT facilities and properties within the permitted area (e.g., maintenance facilities, headquarter complex, rest areas, park and ride lots, ferry terminals, stockpile sites, storage and material handling areas, etc.)	Yes				Previously submitted 1/17/12
20	Example Facility Stormwater Pollution Prevention Plan (SWPPP) document—EPA Inspection Team may select additional sites at th time of the inspectior	Yes				Previously submitted 1/30/12
21	BMPs identified to reduce stormwater pollution from WSDOT facilities and activities	Yes				Previously submitted 1/30/12
22	WSDOT Maintenance Manual	Yes				Previously submitted 1/17/12
23	Records of WSDOT facility inspections conducted for stormwater purposes (most recent Reporting Year)—EPA Inspection Team may select specific sites at the time of the inspection	Yes				Previously submitted 1/30/12
24	Employee/maintenance personnel training plan, records, and syllabus pertaining to maintenance activities and facility SWPPPs (most recent Reporting Year)	Yes				Previously submitted 1/30/12
25	Standard operating procedures (SOPs) and records for inspection and cleaning of the storm drain system (i.e. catch basins, ditches and culverts) - include checklists used in the field	Yes				Previously submitted 1/30/12
26	Example maintenance records for street sweeping in ESA sensitive areas	Yes				Previously submitted 1/30/12

27	Procedures for the proper disposal of waste materials removed from the MS4	Yes				Previously submitted 1/30/12
28	WSDOT Hydraulics Manual	Yes				Previously submitted 1/17/12
29	Regional-level map/inventory of post-construction BMPs in the permitted area showing location (differentiating WSDOT owned and operated from private/municipal in the ROW)	Yes				Previously submitted 1/17/12
30	Regional-level map/inventory of WSDOT facilities in the permitted area with low impact development techniques deployed	No				Response previously submitted 1/17/12
31	Process for integrating the documentation of newly constructed stormwater facilities into the*Stormwater Facilities Inventory Database*	Yes				Previously submitted 1/30/12
32	Records of post-construction BMP maintenance inspections (most recent Reporting Year)-EPA Inspection Team will select specific sites at the time of the inspection	No			No	Response previously submitted 1/30/12
33	Employee/maintenance personnel training records and syllabus pertaining to post-construction BMP maintenance inspection (most recent Reporting Year)	Yes	*Refresher Training Presentation* , draft		No	Previously submitted 1/30/12

Construction Site stormwater Runoff Control

Please Provide a Description of the Departments/Divisions Involved in Program Element and Brief Description of Responsibilities:

Item No.	Document(s) Requested	Document Provided (please select Yes/No)	Formal Title(s) of Document(s) Provided and Date/Version	Department Responsible for Document(s)	Web Link to Document(s) Provided (Yes/No; please provide web address information)	Additional Information Regarding Requested Item (Comments/Notes)
34	Regional-level map/inventory of current active construction sites i the permitted area showing location (differentiating WSDOT sponsored from private projects discharging to WSDOT MS4)	Yes				Previously submitted 1/17/12
35	All construction-related regulatory mechanisms pertaining to erosion, sediment, and waste control (e.g., WSDOT contract language and Standard Specifications)	Yes				Previously submitted 1/30/12

36	WSDOT Construction Manual	Yes				Previously submitted 1/30/12
37	Example Temporary Erosion and Sediment Control (TESC) Plan	Yes				Previously submitted 1/30/12
38	Example Spill Prevention Control and Countermeasure (SPCC) Plan	Yes				Previously submitted 1/30/12
39	Procedures for site plan, TESC, SPCC, and SWPPP review considering potential water quality impacts (including checklists used for reviews)	Yes				Previously submitted 1/30/12
40	Example TESC Inspection Report prepared by Contractor's Erosion and Sediment Control (ESC) Lead	Yes				Previously submitted 1/30/12
41	Construction inspection field checklist	Yes				Previously submitted 1/30/12
42	Procedures for selecting active construction projects for statewide TESC plan implementation and effectiveness assessment	Yes				Previously submitted 1/30/12
43	Procedures for site inspection and enforcement of control measures	Yes				Previously submitted 1/30/12
44	Construction inspection records for the Fall Effectiveness Assessment (most recent Reporting Year)—EPA Inspection Team may select specific sites at the time of the inspection	Yes				Previously submitted 1/30/12
45	Procedures for receipt and follow up on complaints or other information submitted by the public regarding construction sites (include example of actual complaint call documentation and resolution)	Yes				Previously submitted 1/30/12
46	Example/case file of a construction site issue where enforcement was used (ideally full extent of enforcement authority)	Yes				Previously submitted 1/30/12
47	Documentation of education / training for construction site operators/contractors, design engineers, WSDOT staff, and other individuals to whom the construction stormwater requirements apply	Yes				Previously submitted 1/30/12
In Addition to the Numbered Items Requested Above, Provide the Following:						
Please Provide a Description of the Departments/Divisions Involved in Program Element and Brief Description of Responsibilities:						
Item No.	**Document(s) Requested**	**Document Provided (please select Yes/No)**	**Formal Title(s) of Document(s) Provided and Date/Version**	**Department Responsible for Document(s)**	**Web Link to Document(s) Provided (Yes/No; please provide web address information)**	**Additional Information Regarding Requested Item (Comments/Notes)**
48	Please provide a list of what sites were chosen for the monitoring sites required in S7.B.3. Please note monitoring sites on a map, including latitude and longitude for the sites.	Yes				Previously submitted 1/30/12

49	Please provide a copy of the 2010 and 2011 Stormwater Monitoring Reports required in S8.F of the permit.	Yes				Previously submitted 1/30/12

In Addition to the Numbered Items Requested Above: Provide Any Other Documents or Tools You Believe Demonstrate Program Development and Structure.

Item No.	Formal Title of Document Provided (including Date/Version)	Department Responsible for Document	Web Link to Document Provided	Additional Information Regarding Document Provided (Comments/Notes)
Item below provided during 1/31/12 office session on construction				
50	Annual Erosion Assessments - 2011 (slide presentation), 12/14/11	Environmental Services, Stormwater & Watersheds Program	No	The attachment is an electronic version of the hardcopy that was provided during the 1/31/12 office session.
Items below requested on 2/1/12 by Scott Coulson, PG Environmental, LLC				
51	SWPPP Facility CIPs, rev 2/10/12	Maintenance and Operations	No	CIP list of major capital improvement project priorities at maintenance facilities
52	NPDES Regulated Maintenance Facility Wash/Prewash/Floor Drain Table, rev 12/10/12	Maintenance and Operations	No	Vehicle washing areas and indoor floor drains directly and/or indirectly plumbed to a stormwater feature. Identifies where these drainage connections are included in a capital improvement project for corrective action.
53	*Pits, quarries, stockpile, and waste sites within WSDOT MS4 permit areas in the Puget Sound area* , February 2012 *Pits, quarries, stockpile, and waste sites within WSDOT MS4 permit areas in the Clark County area,* February 2012 *Pits, quarries, stockpile, and waste sites within WSDOT MS4 permit areas in eastern Washington* , February 2012 *Pits, quarries, stockpile, and waste sites within WSDOT MS4 permit areas in southeastern Washington* , February 2012	Maintenance and Operations	No	The attachments below depict the location of WSDOT's pits, quarries, stockpile, and waste sites within WSDOT MS4 permit areas
54	*Prevention Plan (SWPPP) For: Eleven of the Washington State Ferry Terminals, March 2011* *Bremerton Terminal Site Map, 9/22/2010* *Pt. Defiance Terminal Site Map, 9/22/2010* *Bainbridge Terminal Site Map, 9/22/2010*	Washington State Ferries (WSF)	No	In addition to the sample terminal site map pages for Bremerton and Pt. Defiance that were requested, we also included Bainbridge which we think is more typical of a WSF terminal.
55	*1-2.2K(1) Environmental Compliance Assurance Procedure* (ECAP) in the *WSDOT Construction Manual, M41-01.11,* July 2011	Construction Administration Office, Engineering and Regional Operations Division	http://www.wsdot.wa.gov/publications/manuals/fulltext/M41-01/Construction.pdf	See 1-2.2K(1) in the *WSDOT Construction Manual* (web link provided)

56	*Construction Site Enforcement on the SR 14 Cape Horn Bridge to Cape Horn Road Project Narrative Summary* , February 2012 *SR14 Inspectors Daily Report* , 3/4/11 *SR14 Inspectors Daily Report* , 3/7/11 *Assistant Area Engineer email* , 3/7/11 *Southwest Region's Environmental Compliance Procedures for Construction Projects*		No	The attachments below include a narrative summary, two Inspector's Daily Reports (IDRs), and an email from the Assistant Area Engineer related to a construction site enforcement action that took place on the State Route 14 Cape Horn Bridge to Cape Horn Road project. The first IDR identifies the issue where the constructed slope extended beyond the staked catch point. The final attachment describes the Southwest Region's environmental compliance procedures for construction projects.
57	*WSDOT MS4 Permit Implementation Tracking Spreadsheet, rev 2/13/12*	Environmental Services, Stormwater & Watersheds Program	No	
Items requested below on 2/7/12 by Julie Congdon, EPA				
58	A dollar amount for expenditures and a dollar amount for the budget for the 2011 fiscal year		No	*Provided previously to Julie Congdon via email on 2/13/12:* Budgeted: $19,818,000 Expended: $18,094,000 These dollar figures provided above do not include dollars associated with stormwater treatment and flow control obligations for highway construction projects. WSDOT's accounting system just isn't set up to track individual stormwater-related expenditures as part of the overall project costs. However, based on WSDOT's 2009 Project Environmental Mitigation Costs Case Studies report, stormwater mitigation can account for between about 2.5 to 24 percent of the overall project's cost.

Exhibit 3
WSDOT MS4 Permit Implementation Tracking Spreadsheet, dated February 13, 2012

WSDOT NPDES Municipal Stormwater Permit Implementation Tracking Form

Permit Coordinator:	Larry Schaffner
Email:	schaffl@wsdot.wa.gov
Phone:	360/570-6657

Permit Term:	3/6/09 to 3/6/14
Status as of:	2/13/2012

Permit Condition	Sub-Section	Permit/SWMPP Section	Status	Compliance Action	Responsible Party	Phone	Target Date	Date Completed
S3	B.1	Responsibilities of Permittee	When Triggered	Submit statement to DOE describing permit requirements that will be implemented by other entities. All participating entities shall sign statement	Larry Schaffner	360/507-6657	None, but can't alter deadlines	When Triggered
S3	B.1	Responsibilities of Permittee	Completed	Pertaining to S7.G.1.a. Collaborative and Independent [Monitoring] Programs	Fred Bergdolt	360/570-6648	9/6/09	9/2/09
S4	F.1	Compliance with Standards	When Triggered	Notify DOE within 30 day of becoming aware that a discharge is causing or contributing to a violation of water quality standards in a receiving water	Larry Schaffner	360/570-6657	30 days after awareness	When Triggered
S4	F.3.a	Compliance with Standards	When Triggered	Review SWMP and submit report to DOE within 60 days of receiving notification under S4.F.2, or by an alternate date established by DOE	Larry Schaffner	360/570-6657	60 day after notified by DOE	When Triggered
S5	A.3 - Appendix 2's reportable indicators	SWMPP Framework	Completed	Stormwater Facilities Inventory Database operational	Ron Westman	360/705-7769	3/5/11	3/2/11
S5	A.3 - Appendix 2's reportable indicators	SWMPP Framework	Not Completed	Establish and test process for documenting newly constructed stormwater facilities into SWIM database as part of project closeout procedures	Cory Simon	360/570-2589	3/5/12	Date
S5	A.3 - Appendix 2's reportable indicators	SWMPP Framework	Completed	Initiate program to map connection points between WSDOT MS4s and other entities.	Cory Simon	360/570-2589	3/5/11	5/1/09
S5	A.3 - Appendix 2's reportable indicators	SWMPP Framework	Ongoing	Participate in watershed planning and TMDL development	Jana Ratcliff	360/570-6649	Ongoing	Ongoing Task
S5	A.3 - Appendix 2's reportable indicators	SWMPP Framework	Completed	Report on changes to manuals and procedures related to SWMPP implementation that occurred from 3/6/09 to 6/30/10	Larry Schaffner	360/570-6657	10/31/10	10/27/10
S5	A.3 - Appendix 2's reportable indicators	SWMPP Framework	Completed	Report on changes to manuals and procedures related to SWMPP implementation that occurred from 7/1/10 to 6/30/11	Larry Schaffner	360/570-6657	10/31/11	10/25/11
S5	A.3 - Appendix 2's reportable indicators	SWMPP Framework	Not Completed	Report on changes to manuals and procedures related to SWMPP implementation that occurred from 7/1/11 to 6/30/12	Larry Schaffner	360/570-6657	10/31/12	Date
S5	A.3 - Appendix 2's reportable indicators	SWMPP Framework	Not Completed	Report on changes to manuals and procedures related to SWMPP implementation that occurred from 7/1/12 to 6/30/13	Larry Schaffner	360/570-6657	10/31/13	Date
S5	A.3 - Appendix 2's reportable indicators	SWMPP Framework	Not Completed	Map and document all newly constructed stormwater facilities into SWIM database at project closeout	Cory Simon Mark Maurer	360/570-6649 360/705-7260	3/6/12	Date
S5	A.3 - Appendix 2's reportable indicators	SWMPP Framework	Not Completed	Map and document all known MS4 outfalls and structural stormwater treatment and flow control BMPs within Phase 1 and 2 designated areas into the SWIM database	Cory Simon	360/570-6649	3/5/14	Date
S5	A.3 - Appendix 2's reportable indicators	SWMPP Framework	Completed	Estimate and report the cost of implementing the SWMPP from 3/6/09 to 6/30/10	Sheena Pietzold	360/570-6644	10/31/10	10/27/10

S5	A.3 - Appendix 2's reportable indicators	SWMPP Framework	Completed	Estimate and report the cost of implementing the SWMPP 7/1/10 to 6/30/11	Sheena Pietzold	360/570-6644	10/31/11	10/25/11
S5	A.3 - Appendix 2's reportable indicators	SWMPP Framework	Not Completed	Estimate and report the cost of implementing the SWMPP 7/1/11 to 6/30/12	Sheena Pietzold	360/570-6644	10/31/12	Date
S5	A.3 - Appendix 2's reportable indicators	SWMPP Framework	Not Completed	Estimate and report the cost of implementing the SWMPP 7/1/12 to 6/30/13	Sheena Pietzold	360/570-6644	10/31/13	Date
S5	A.3 - SWMPP's Non-reportable indicators	SWMPP Framework	Not Completed	Conduct quarterly meetings of the Stormwater Policy Committee	Ken Stone	360/705-6642	2009 Second Quarter	Meeting Cancelled
S5	A.3 - SWMPP's Non-reportable indicators	SWMPP Framework	Completed	Conduct quarterly meetings of the Stormwater Policy Committee	Ken Stone	360/705-6642	2009 Third Quarter	9/23/09
S5	A.3 - SWMPP's Non-reportable indicators	SWMPP Framework	Completed	Conduct quarterly meetings of the Stormwater Policy Committee	Ken Stone	360/705-6642	2009 Fourth Quarter	11/17/09
S5	A.3 - SWMPP's Non-reportable indicators	SWMPP Framework	Completed	Conduct quarterly meetings of the Stormwater Policy Committee	Ken Stone	360/705-6642	2010 First Quarter	2/2/10
S5	A.3 - SWMPP's Non-reportable indicators	SWMPP Framework	Completed	Conduct quarterly meetings of the Stormwater Policy Committee	Ken Stone	360/705-6642	2010 Second Quarter	5/4/10
S5	A.3 - SWMPP's Non-reportable indicators	SWMPP Framework	Completed	Conduct quarterly meetings of the Stormwater Policy Committee	Ken Stone	360/705-6642	2010 Third Quarter	8/11/10
S5	A.3 - SWMPP's Non-reportable indicators	SWMPP Framework	Completed	Conduct quarterly meetings of the Stormwater Policy Committee	Ken Stone	360/705-6642	2010 Fourth Quarter	10/27/10
S5	A.3 - SWMPP's Non-reportable indicators	SWMPP Framework	Completed	Conduct quarterly meetings of the Stormwater Policy Committee	Ken Stone	360/705-6642	2011 First Quarter	1/18/11
S5	A.3 - SWMPP's Non-reportable indicators	SWMPP Framework	Completed	Conduct quarterly meetings of the Stormwater Policy Committee	Ken Stone	360/705-6642	2011 Second Quarter	5/17/11
S5	A.3 - SWMPP's Non-reportable indicators	SWMPP Framework	Completed	Conduct quarterly meetings of the Stormwater Policy Committee	Ken Stone	360/705-6642	2011 Third Quarter	7/6/11
S5	A.3 - SWMPP's Non-reportable indicators	SWMPP Framework	Completed	Conduct quarterly meetings of the Stormwater Policy Committee	Ken Stone	360/705-6642	2011 Fourth Quarter	11/2/11
S5	A.3 - SWMPP's Non-reportable indicators	SWMPP Framework	Completed	Conduct quarterly meetings of the Stormwater Policy Committee	Ken Stone	360/705-6642	2012 First Quarter	1/12/12
S5	A.3 - SWMPP's Non-reportable indicators	SWMPP Framework	Not Completed	Conduct quarterly meetings of the Stormwater Policy Committee	Ken Stone	360/705-6642	2012 Second Quarter	Date
S5	A.3 - SWMPP's Non-reportable indicators	SWMPP Framework	Not Completed	Conduct quarterly meetings of the Stormwater Policy Committee	Ken Stone	360/705-6642	2012 Third Quarter	Date
S5	A.3 - SWMPP's Non-reportable indicators	SWMPP Framework	Not Completed	Conduct quarterly meetings of the Stormwater Policy Committee	Ken Stone	360/705-6642	2012 Fourth Quarter	Date

S5	A.3 - SWMPP's Non-reportable indicators	SWMPP Framework	Not Completed	Conduct quarterly meetings of the Stormwater Policy Committee	Ken Stone	360/705-6642	2013 First Quarter	Date
S5	A.3 - SWMPP's Non-reportable indicators	SWMPP Framework	Not Completed	Conduct quarterly meetings of the Stormwater Policy Committee	Ken Stone	360/705-6642	2013 Second Quarter	Date
S5	A.3 - SWMPP's Non-reportable indicators	SWMPP Framework	Not Completed	Conduct quarterly meetings of the Stormwater Policy Committee	Ken Stone	360/705-6642	2013 Third Quarter	Date
S5	A.3 - SWMPP's Non-reportable indicators	SWMPP Framework	Not Completed	Conduct quarterly meetings of the Stormwater Policy Committee	Ken Stone	360/705-6642	2013 Fourth Quarter	Date
S5	A.3 - SWMPP's Non-reportable indicators	SWMPP Framework	Not Completed	Conduct quarterly meetings of the Stormwater Policy Committee	Ken Stone	360/705-6642	2014 First Quarter	Date
S5	A.3 - SWMPP's Non-reportable indicators	SWMPP Framework	Ongoing	Continue to support liaison positions with federal and state agencies and Tribal Liaison Office	C. Martinez Megan Cotton	360/705-7448 360/705-7025	Ongoing	Ongoing Task
S5	A.3 - Add. SWMPP Commitments	SWMPP Framework	Completed	Review annual Ecology TMDL project list and establish priorities regarding WSDOT's level of involvement in TMDL Project development processes	Jana Ratcliff	360/570-6649	2009	12/31/09
S5	A.3 - Add. SWMPP Commitments	SWMPP Framework	Completed	Review annual Ecology TMDL project list and establish priorities regarding WSDOT's level of involvement in TMDL Project development processes	Jana Ratcliff	360/570-6649	2010	12/30/10
S5	A.3 - Add. SWMPP Commitments	SWMPP Framework	Completed	Review annual Ecology TMDL project list and establish priorities regarding WSDOT's level of involvement in TMDL Project development processes	Jana Ratcliff	360/570-6649	2011	12/29/11
S5	A.3 - Add. SWMPP Commitments	SWMPP Framework	Not Completed	Review annual Ecology TMDL project list and establish priorities regarding WSDOT's level of involvement in TMDL Project development processes	Jana Ratcliff	360/570-6649	2012	Date
S5	A.3 - Add. SWMPP Commitments	SWMPP Framework	Not Completed	Review annual Ecology TMDL project list and establish priorities regarding WSDOT's level of involvement in TMDL Project development processes	Jana Ratcliff	360/570-6649	2013	Date
S5	A.3 - Add. SWMPP Commitments	SWMPP Framework	Completed	Meet annually with Ecology to discuss actions WSDOT will take during the following fiscal year to implement TMDLs	Fred Bergdolt	360/570-6648	2009	6/1/09
S5	A.3 - Add. SWMPP Commitments	SWMPP Framework	Completed	Meet annually with Ecology to discuss actions WSDOT will take during the following fiscal year to implement TMDLs	Jana Ratcliff	360/570-6649	2010	1/26/10
S5	A.3 - Add. SWMPP Commitments	SWMPP Framework	Completed	Meet annually with Ecology to discuss actions WSDOT will take during the following fiscal year to implement TMDLs	Jana Ratcliff	360/570-6649	2011	11/30/10
S5	A.3 - Add. SWMPP Commitments	SWMPP Framework	Not Completed	Meet annually with Ecology to discuss actions WSDOT will take during the following fiscal year to implement TMDLs	Jana Ratcliff	360/570-6649	2012	Date
S5	A.3 - Add. SWMPP Commitments	SWMPP Framework	Not Completed	Meet annually with Ecology to discuss actions WSDOT will take during the following fiscal year to implement TMDLs	Jana Ratcliff	360/570-6649	2013	Date
S5	A.3 - Add. SWMPP Commitments	SWMPP Framework	Completed	Report on updated GIS layers depicting stormwater facilities inventory in the annual report for the period of 3/6/09 to 6/30/10	Elizabeth Lanzer	360/705-7476	10/31/10	10/27/10
S5	A.3 - Add. SWMPP Commitments	SWMPP Framework	Completed	Report on updated GIS layers depicting stormwater facilities inventory in the annual report for the period of 7/1/10 to 6/30/11	Elizabeth Lanzer	360/705-7476	10/31/11	10/25/11
S5	A.3 - Add. SWMPP Commitments	SWMPP Framework	Not Completed	Report on updated GIS layers depicting stormwater facilities inventory in the annual report for the period of 7/1/11 to 6/30/12	Elizabeth Lanzer	360/705-7476	10/31/12	Date
S5	A.3 - Add. SWMPP Commitments	SWMPP Framework	Not Completed	Report on updated GIS layers depicting stormwater facilities inventory in the annual report for the period of 7/1/12 to 6/30/13	Elizabeth Lanzer	360/705-7476	10/31/13	Date
S5	A.3 - Add. SWMPP Commitments	SWMPP Framework	Completed	Stormwater Policy Committee assists in preparing work plan for the 11-13 biennium which includes an implementation timeline along with an assessment of the resources necessary for SWMPP implementation	Ken Stone	360/570-6642	2011 Legislative Session Prep.	1/10/11

S5	A.3 - Add. SWMPP Commitments	SWMPP Framework	Not Completed	Stormwater Policy Committee assists in preparing work plan for the 13-15 biennium which includes an implementation timeline along with an assessment of the resources necessary for SWMPP implementation	Ken Stone	360/570-6642	2013 Legislative Session Prep.	Date
S5	A.3 - Add. SWMPP Commitments	SWMPP Framework	Ongoing	Stormwater Policy Committee provides ongoing evaluation of the SWMP's effectiveness with the NPDES annual report serving as the vehicle for describing and justifying proposed SWMPP changes	Ken Stone	360/570-6642	3/6/09	Ongoing Task
S5	A.3 - Appendix 2's reportable indicators	IDDE Program	Completed	Summarize and report on tracking/remediation activities for illicit discharges and illegal connections from 3/6/09 to 6/30/10	Chris Gustafson	360/570-6650	10/31/10	10/27/10
S5	A.3 - Appendix 2's reportable indicators	IDDE Program	Completed	Summarize and report on tracking/remediation activities for illicit discharges and illegal connections from 7/1/10 to 6/30/11	Chris Gustafson	360/570-6650	10/31/11	10/25/11
S5	A.3 - Appendix 2's reportable indicators	IDDE Program	Not Completed	Summarize and report on tracking/remediation activities for illicit discharges and illegal connections from 7/1/11 to 6/30/12	Chris Gustafson	360/570-6650	10/31/12	Date
S5	A.3 - Appendix 2's reportable indicators	IDDE Program	Not Completed	Summarize and report on tracking/remediation activities for illicit discharges and illegal connections from 7/1/12 to 6/30/13	Chris Gustafson	360/570-6650	10/31/13	Date
S5	A.3 - SWMPP's Non-reportable indicators	IDDE Program	Completed	Post phone number on WSDOT's internet site to facilitate public reporting of illicit discharges	Cory Simon	360/570-6649	4/6/09	Completed Prior To Issuance
S5	A.3 - SWMPP's Non-reportable indicators	IDDE Program	Completed	Continue to include and distribute information in ESA-maintenance related training and SWPPP training materials	Norm Payton	360/705-7848	3/6/09	Ongoing Task
S5	A.3 - Add. SWMPP Commitments	IDDE Program	When Triggered	For illicit discharges that that are potentially hazardous, immediately contact ESO's Hazardous Materials Program, or in the event of an immediate threat, contact 911	Chris Gustafson & Reg. IDDE Coords.	360/570-6650	When triggered by an event	When Triggered
S5	A.3 - Add. SWMPP Commitments	IDDE Program	When Triggered	In the course of conducting field activities, identify and report for remediation any illicit discharges and illegal connections discovered	Chris Gustafson & Reg. IDDE Coords.	360/570-6650	When triggered by an event	When Triggered
S5	A.3 - Add. SWMPP Commitments	IDDE Program	When Triggered	For IDDE reporting, document observations along with the date, time, discharge location, and estimated quantity of the discharge along with any additional information describing the discharge	Chris Gustafson & Reg. IDDE Coords.	360/570-6650	When triggered by an event	When Triggered
S5	A.3 - Add. SWMPP Commitments	IDDE Program	Ongoing	During stormwater facility mapping and documentation efforts, assess stormwater drainages and connections emanating off the ROW to determine whether they have a valid utility permit and/or franchise authorizing the connection/discharge	Cory Simon	360/570-6649	Ongoing	Ongoing Task
S5	A.3 - Add. SWMPP Commitments	IDDE Program	When Triggered	Carry out illicit discharge or illegal connection notification per the procedures contained in Section 3.2 of the SWMPP	Chris Gustafson & Reg. IDDE Coords.	360/570-6650	When triggered by an event	When Triggered
S5	A.3 - Add. SWMPP Commitments	IDDE Program	When Triggered	Carry out illicit discharge remediation and clean up by the responsible party per the procedures contained in Section 3.3 of the SWMPP	Chris Gustafson & Reg. IDDE Coords.	360/570-6650	When triggered by an event	When Triggered
S5	A.3 - Appendix 2's reportable indicators	Construction SWPPP	Completed	Report the number of TESC training courses and participants that occurred from 3/6/09 to 6/30/10	Elsa Piekarski	360/570-6654	10/31/10	10/27/10
S5	A.3 - Appendix 2's reportable indicators	Construction SWPPP	Completed	Report the number of TESC training courses and participants that occurred from 7/1/10 to 6/30/11	Elsa Piekarski	360/570-6654	10/31/11	10/25/11
S5	A.3 - Appendix 2's reportable indicators	Construction SWPPP	Not Completed	Report the number of TESC training courses and participants that occurred from 7/1/11 to 6/30/12	Elsa Piekarski	360/570-6654	10/31/12	Date

S5	A.3 - Appendix 2's reportable indicators	Construction SWPPP	Not Completed	Report the number of TESC training courses and participants that occurred from 7/1/12 to 6/30/13	Elsa Piekarski	360/570-6654	10/31/13	Date
S5	A.3 - Appendix 2's reportable indicators	Construction SWPPP	Completed	Report finding of the 2009 TESC fall effectiveness assessment	Elsa Piekarski	360/570-6654	10/31/10	10/27/10
S5	A.3 - Appendix 2's reportable indicators	Construction SWPPP	Completed	Report finding of the 2010 TESC fall effectiveness assessment	Elsa Piekarski	360/570-6654	10/31/11	10/25/11
S5	A.3 - Appendix 2's reportable indicators	Construction SWPPP	Not Completed	Report finding of the 2011 TESC fall effectiveness assessment	Elsa Piekarski	360/570-6654	10/31/12	Date
S5	A.3 - Appendix 2's reportable indicators	Construction SWPPP	Not Completed	Report finding of the 2012 TESC fall effectiveness assessment	Elsa Piekarski	360/570-6654	10/31/13	Date
S5	A.3 - SWMPP's Non-reportable indicators	Construction SWPPP	Completed	Verify TESC certification during 2009 TESC fall effectiveness assessment	Elsa Piekarski	360/570-6654	10/31/10	October to Mid-November 2009
S5	A.3 - SWMPP's Non-reportable indicators	Construction SWPPP	Completed	Verify TESC certification during 2010 TESC fall effectiveness assessment	Elsa Piekarski	360/570-6654	10/31/11	10/25/11
S5	A.3 - SWMPP's Non-reportable indicators	Construction SWPPP	Not Completed	Verify TESC certification during 2011 TESC fall effectiveness assessment	Elsa Piekarski	360/570-6654	10/31/12	Date
S5	A.3 - SWMPP's Non-reportable indicators	Construction SWPPP	Not Completed	Verify TESC certification during 2012 TESC fall effectiveness assessment	Elsa Piekarski	360/570-6654	10/31/13	Date
S5	A.3 - SWMPP's Non-reportable indicators	Construction SWPPP	Completed	Verify SPCC plan availability during 2009 TESC fall effectiveness assessment	Elsa Piekarski	360/570-6654	10/31/10	October to Mid-November 2009
S5	A.3 - SWMPP's Non-reportable indicators	Construction SWPPP	Completed	Verify SPCC plan availability during 2010 TESC fall effectiveness assessment	Elsa Piekarski	360/570-6654	10/31/11	10/25/11
S5	A.3 - SWMPP's Non-reportable indicators	Construction SWPPP	Not Completed	Verify SPCC plan availability during 2011 TESC fall effectiveness assessment	Elsa Piekarski	360/570-6654	10/31/12	Date
S5	A.3 - SWMPP's Non-reportable indicators	Construction SWPPP	Not Completed	Verify SPCC plan availability during 2012 TESC fall effectiveness assessment	Elsa Piekarski	360/570-6654	10/31/13	Date
S5	A.3 - Add. SWMPP Commitments	Construction SWPPP	Completed	Conduct statewide erosion control plan implementation and effectiveness assessment for all active construction projects with moderate to high-risk of erosion	Cory Simon Scott Carey	360/570-2589 360/705-7432	10/1/09	11/18/09
S5	A.3 - Add. SWMPP Commitments	Construction SWPPP	Completed	Conduct statewide erosion control plan implementation and effectiveness assessment for all active construction projects with moderate to high-risk of erosion	Elsa Piekarski	360/570-6654	10/1/10	11/20/10
S5	A.3 - Add. SWMPP Commitments	Construction SWPPP	Completed	Conduct statewide erosion control plan implementation and effectiveness assessment for all active construction projects with moderate to high-risk of erosion	Elsa Piekarski	360/570-6654	10/1/11	10/12/11
S5	A.3 - Add. SWMPP Commitments	Construction SWPPP	Not Completed	Conduct statewide erosion control plan implementation and effectiveness assessment for all active construction projects with moderate to high-risk of erosion	Elsa Piekarski	360/570-6654	10/1/12	Date
S5	A.3 - Add. SWMPP Commitments	Construction SWPPP	Not Completed	Conduct statewide erosion control plan implementation and effectiveness assessment for all active construction projects with moderate to high-risk of erosion	Elsa Piekarski	360/570-6654	10/1/13	Date

S5	A.3 - Appendix 2's reportable indicators	New Facilities SW Mangt Program	Completed	Procedure in place to insure field verified as-builts are provided to Headquarters as part of project closeout	Cory Simon	360/570-2589	3/5/11	3/6/09
S5	A.3 - Appendix 2's reportable indicators	New Facilities SW Mangt Program	Completed	Integrate Maintenance's involvement as part of the stormwater facility design approval process	Norm Payton	360/705-7848	3/5/11	3/6/09
S5	A.3 - Appendix 2's reportable indicators	New Facilities SW Mangt Program	Completed	Report number of training opportunities and staff attendance for Highway Runoff Manual related training that occurred from 3/6/09 to 6/30/10	Mark Maurer	360/705-7260	10/31/10	10/27/10
S5	A.3 - Appendix 2's reportable indicators	New Facilities SW Mangt Program	Completed	Report number of training opportunities and staff attendance for Highway Runoff Manual related training that occurred from 7/1/10 to 6/30/11	Mark Maurer	360/705-7260	10/31/11	10/25/11
S5	A.3 - Appendix 2's reportable indicators	New Facilities SW Mangt Program	Not Completed	Report number of training opportunities and staff attendance for Highway Runoff Manual related training that occurred from 7/1/11 to 6/30/12	Mark Maurer	360/705-7260	10/31/12	Date
S5	A.3 - Appendix 2's reportable indicators	New Facilities SW Mangt Program	Not Completed	Report number of training opportunities and staff attendance for Highway Runoff Manual related training that occurred from 7/1/12 to 6/30/13	Mark Maurer	360/705-7260	10/31/13	Date
S5	A.3 - Appendix 2's reportable indicators	New Facilities SW Mangt Program	Completed	Conduct 2011 audit 10% of contracts to assess if 100% of consultants/contractors involved in stormwater design received HRM training or worked under someone who has	Mark Maurer	360/705-7260	3/5/11	3/4/11
S5	A.3 - Appendix 2's reportable indicators	New Facilities SW Mangt Program	Not Completed	Conduct 2012 audit 10% of contracts to assess if 100% of consultants/contractors involved in stormwater design received HRM training or worked under someone who has	Mark Maurer	360/705-7260	3/5/12	Date
S5	A.3 - Appendix 2's reportable indicators	New Facilities SW Mangt Program	Not Completed	Conduct 2013 audit 10% of contracts to assess if 100% of consultants/contractors involved in stormwater design received HRM training or worked under someone who has	Mark Maurer	360/705-7260	3/5/13	Date
S5	A.3 - Appendix 2's reportable indicators	New Facilities SW Mangt Program	Completed	Report the number and type of stormwater treatment and flow control facilities built from 3/6/09 to 6/30/10	Cory Simon	360/570-2589	10/31/10	10/27/10
S5	A.3 - Appendix 2's reportable indicators	New Facilities SW Mangt Program	Completed	Report the number and type of stormwater treatment and flow control facilities built from 7/1/10 to 6/30/11	Cory Simon	360/570-2589	10/31/11	10/25/11
S5	A.3 - Appendix 2's reportable indicators	New Facilities SW Mangt Program	Not Completed	Report the number and type of stormwater treatment and flow control facilities built from 7/1/11 to 6/30/12	Cory Simon	360/570-2589	10/31/12	Date
S5	A.3 - Appendix 2's reportable indicators	New Facilities SW Mangt Program	Not Completed	Report the number and type of stormwater treatment and flow control facilities built from 7/1/12 to 6/30/13	Cory Simon	360/570-2589	10/31/13	Date
S5	A.3 - Appendix 2's reportable indicators	New Facilities SW Mangt Program	Not Completed	Conduct annual audit of 10% of new projects to verify that all reported newly constructed stormwater facilities are entered in the SWIM database correctly	Cory Simon	360-570-2589	3/5/14	Date
S5	A.3 - Add. SWMPP Commitments	New Facilities SW Mangt Program	When Triggered	Consult, in writing, with Service(s) on western Washington projects with potential stormwater impacts to listed fish species where §7 consultations are not required	Erin Britton	360/705-7495	When triggered by an event	When Triggered
S5	A.3 - Add. SWMPP Commitments	New Facilities SW Mangt Program	Completed	Provide in each annual report a list of projects for which WSDOT consulted with the Services and the outcome of that consultation from 5/5/10 to 6/30/10 pursuant to SWMPP Section 5.4	Erin Britton	360/705-7495	10/31/10	10/27/10
S5	A.3 - Add. SWMPP Commitments	New Facilities SW Mangt Program	Completed	Provide in each annual report a list of projects for which WSDOT consulted with the Services and the outcome of that consultation from 7/1/10 to 6/30/11 pursuant to SWMPP Section 5.4	Erin Britton	360/705-7495	10/31/11	10/25/11
S5	A.3 - Add. SWMPP Commitments	New Facilities SW Mangt Program	Not Completed	Provide in each annual report a list of projects for which WSDOT consulted with the Services and the outcome of that consultation from 7/1/1 to 6/30/12 pursuant to SWMPP Section 5.4	Erin Britton	360/705-7495	10/31/12	Date

S5	A.3 - Add. SWMPP Commitments	New Facilities SW Mangt Program	Not Completed	Provide in each annual report a list of projects for which WSDOT consulted with the Services and the outcome of that consultation from 7/1/12 to 6/30/13 pursuant to SWMPP Section 5.4	Erin Britton	360/705-7495	10/31/13	Date
S5	A.3 - Appendix 2's reportable indicators	Stormwater BMP Retrofit Program	Completed	Report number of stand-alone retrofits completed from 3/6/09 to 6/30/10	Mark Maurer	360/705-7260	10/31/10	10/27/10
S5	A.3 - Appendix 2's reportable indicators	Stormwater BMP Retrofit Program	Completed	Report number of stand-alone retrofits completed from 7/1/10 to 6/30/11	Mark Maurer	360/705-7260	10/31/11	10/25/11
S5	A.3 - Appendix 2's reportable indicators	Stormwater BMP Retrofit Program	Not Completed	Report number of stand-alone retrofits completed from 7/1/11 to 6/30/12	Mark Maurer	360/705-7260	10/31/12	Date
S5	A.3 - Appendix 2's reportable indicators	Stormwater BMP Retrofit Program	Not Completed	Report number of stand-alone retrofits completed from 7/1/12 to 6/30/13	Mark Maurer	360/705-7260	10/31/13	Date
S5	A.3 - Appendix 2's reportable indicators	Stormwater BMP Retrofit Program	Completed	Report the number of acres of existing impervious surface retrofitted or reverted to pervious surface from 3/6/09 to 6/30/10	Mark Maurer	360/705-7260	10/31/10	10/27/10
S5	A.3 - Appendix 2's reportable indicators	Stormwater BMP Retrofit Program	Completed	Report the number of acres of existing impervious surface retrofitted or reverted to pervious surface from 7/1/10 to 6/30/11	Mark Maurer	360/705-7260	10/31/11	10/25/11
S5	A.3 - Appendix 2's reportable indicators	Stormwater BMP Retrofit Program	Not Completed	Report the number of acres of existing impervious surface retrofitted or reverted to pervious surface from 7/1/11 to 6/30/12	Mark Maurer	360/705-7260	10/31/12	Date
S5	A.3 - Appendix 2's reportable indicators	Stormwater BMP Retrofit Program	Not Completed	Report the number of acres of existing impervious surface retrofitted or reverted to pervious surface from 7/1/12 to 6/30/13	Mark Maurer	360/705-7260	10/31/13	Date
S5	A.3 - Appendix 2's reportable indicators	Stormwater BMP Retrofit Program	Completed	Report the acreage and location of offsite project-driven retrofit obligation incurred and the acreage of alternative retrofit accomplished from 3/6/09 to 6/30/10	Mark Maurer	360/705-7260	10/31/10	10/27/10
S5	A.3 - Appendix 2's reportable indicators	Stormwater BMP Retrofit Program	Completed	Report the acreage and location of offsite project-driven retrofit obligation incurred and the acreage of alternative retrofit accomplished from 7/1/10 to 6/30/11	Mark Maurer	360/705-7260	10/31/11	10/25/11
S5	A.3 - Appendix 2's reportable indicators	Stormwater BMP Retrofit Program	Not Completed	Report the acreage and location of offsite project-driven retrofit obligation incurred and the acreage of alternative retrofit accomplished from 7/1/11 to 6/30/12	Mark Maurer	360/705-7260	10/31/12	Date
S5	A.3 - Appendix 2's reportable indicators	Stormwater BMP Retrofit Program	Not Completed	Report the acreage and location of offsite project-driven retrofit obligation incurred and the acreage of alternative retrofit accomplished from 7/1/12 to 6/30/13	Mark Maurer	360/705-7260	10/31/13	Date
S5	A.3 - SWMPP's Non-reportable indicators	Stormwater BMP Retrofit Program	Not Completed	Procedures to track acres retrofitted and/or reverted to pervious surfaces operational	Alex Nguyen	206/440-4537	3/5/14	Date
S5	A.3 - SWMPP's Non-reportable indicators	Stormwater BMP Retrofit Program	Completed	Biennial budget request for stand-alone stormwater retrofits submitted to legislature for the 2011 legislative session	Pat Morin	360/705-7141	2011 Legislative Session	9/15/10
S5	A.3 - SWMPP's Non-reportable indicators	Stormwater BMP Retrofit Program	Not Completed	Biennial budget request for stand-alone stormwater retrofits submitted to legislature for the 2013 legislative session	Pat Morin	360/705-7141	2013 Legislative Session	Date
S5	A.3 - Add. SWMPP Commitments	Stormwater BMP Retrofit Program	Ongoing	Keep a record of highway sections considered to be deficient with respect to the western WA flow duration standard (i.e., project use pre-project rather than the historic land cover condition)	Mark Maurer	360/705-7260	3/6/09	Ongoing Task

S5	A.3 - Add. SWMPP Commitments	Stormwater BMP Retrofit Program	Ongoing	Implement stormwater retrofits for highway projects in the Puget Sound basin that add new impervious surfaces and exceed the HRM thresholds per SWMPP Section 6.2	Mark Maurer	360/705-7260	7/1/11	Ongoing Task
S5	A.3 - Add. SWMPP Commitments	Stormwater BMP Retrofit Program	Ongoing	Apply criteria and procedures in SWMPP section 6.4.1 and 6.5 for siting alternative and standalone stormwater retrofit	Larry Schaffner Mark Maurer	360/570-6657 360/705-7260	3/6/09	Ongoing Task
S5	A.3 - Appendix 2's reportable indicators	Highway Maintenance	Completed	Complete SWPPPs for all maintenance facilities, rest areas, and WSDOT-maintained park and rides lots for Phase 1 and 2 designated areas per Section 7.2.6 of the SWMPP	Norm Payton	360/705-7848	3/5/11	2/28/2011
S5	A.3 - Appendix 2's reportable indicators	Highway Maintenance	Completed	Report the percent of new maintenance staff slated for stormwater-related training from 3/6/09 to 6/30/10 who completed it within one year of employment (90% target)	Norm Payton	360/705-7848	10/31/10	10/27/10
S5	A.3 - Appendix 2's reportable indicators	Highway Maintenance	Completed	Report the percent of new maintenance staff slated for stormwater-related training from 7/1/10 to 6/30/11 who completed it within one year of employment (90% target)	Norm Payton	360/705-7848	10/31/11	10/25/2011
S5	A.3 - Appendix 2's reportable indicators	Highway Maintenance	Not Completed	Report the percent of new maintenance staff slated for stormwater-related training from 7/1/11 to 6/30/12 who completed it within one year of employment (90% target)	Norm Payton	360/705-7848	10/31/12	Date
S5	A.3 - Appendix 2's reportable indicators	Highway Maintenance	Not Completed	Report the percent of new maintenance staff slated for stormwater-related training from 7/1/12 to 6/30/13 who completed it within one year of employment (90% target)	Norm Payton	360/705-7848	10/31/13	Date
S5	A.3 - Appendix 2's reportable indicators	Highway Maintenance	Completed	Report the percent of maintenance staff slated for spill response training from 3/6/09 to 6/30/10 who completed it within one year of employment or by 3/6/10 (90% target)	Norm Payton	360/705-7848	10/31/10	10/27/10
S5	A.3 - Appendix 2's reportable indicators	Highway Maintenance	Completed	Report the percent of maintenance staff slated for spill response training from 7/1/10 to 6/30/11 who completed it within one year of employment (90% target)	Norm Payton	360/705-7848	10/31/11	10/25/2011
S5	A.3 - Appendix 2's reportable indicators	Highway Maintenance	Not Completed	Report the percent of maintenance staff slated for spill response training from 7/1/11 to 6/30/12 who completed it within one year of employment (90% target)	Norm Payton	360/705-7848	10/31/12	Date
S5	A.3 - Appendix 2's reportable indicators	Highway Maintenance	Not Completed	Report the percent of maintenance staff slated for spill response training from 7/1/12 to 6/30/13 who completed it within one year of employment (90% target)	Norm Payton	360/705-7848	10/31/13	Date
S5	A.3 - Appendix 2's reportable indicators	Highway Maintenance	Completed	Report comparison of stormwater-related roadway maintenance LOS data determined by random condition surveys to legislatively mandated target LOS for the period 3/6/09 to 6/30/10	Norm Payton	360/705-7848	10/31/10	10/27/10
S5	A.3 - Appendix 2's reportable indicators	Highway Maintenance	Completed	Report comparison of stormwater-related roadway maintenance LOS data determined by random condition surveys to legislatively mandated target LOS for the period 7/1/10 to 6/30/11	Norm Payton	360/705-7848	10/31/11	10/25/2011
S5	A.3 - Appendix 2's reportable indicators	Highway Maintenance	Not Completed	Report comparison of stormwater-related roadway maintenance LOS data determined by random condition surveys to legislatively mandated target LOS for the period 7/1/11 to 6/30/12	Norm Payton	360/705-7848	10/31/12	Date
S5	A.3 - Appendix 2's reportable indicators	Highway Maintenance	Not Completed	Report comparison of stormwater-related roadway maintenance LOS data determined by random condition surveys to legislatively mandated target LOS for the period 7/1/12 to 6/30/13	Norm Payton	360/705-7848	10/31/13	Date
S5	A.3 - Appendix 2's reportable indicators	Highway Maintenance	Completed	Report the statewide total of de-icer materials used from 3/6/09 to 6/30/10	Norm Payton	360/705-7848	10/31/10	10/27/10
S5	A.3 - Appendix 2's reportable indicators	Highway Maintenance	Completed	Report the statewide total of de-icer materials used from 7/1/10 to 6/30/11	Norm Payton	360/705-7848	10/31/11	10/25/2011
S5	A.3 - Appendix 2's reportable indicators	Highway Maintenance	Not Completed	Report the statewide total of de-icer materials used from 7/1/11 to 6/30/12	Norm Payton	360/705-7848	10/31/12	Date

S5	A.3 - Appendix 2's reportable indicators	Highway Maintenance	Not Completed	Report the statewide total of de-icer materials used from 7/1/12 to 6/30/13	Norm Payton	360/705-7848	10/31/13	Date
S5	A.3 - Appendix 2's reportable indicators	Highway Maintenance	Completed	Report comparison of stormwater BMP maintenance LOS data determined by random condition surveys in permit area to legislatively mandated target LOS for the period 3/6/09 to 6/30/10	Norm Payton	360/705-7848	10/31/10	10/27/10
S5	A.3 - Appendix 2's reportable indicators	Highway Maintenance	Completed	Report comparison of stormwater BMP maintenance LOS data determined by random condition surveys in permit data to legislatively mandated target LOS for the period 7/1/10 to 6/30/11	Norm Payton	360/705-7848	10/31/11	10/25/2011
S5	A.3 - Appendix 2's reportable indicators	Highway Maintenance	Not Completed	Report comparison of stormwater BMP maintenance LOS data determined by random condition surveys in permit area to legislatively mandated target LOS for the period 7/1/11 to 6/30/12	Norm Payton	360/705-7848	10/31/12	Date
S5	A.3 - Appendix 2's reportable indicators	Highway Maintenance	Not Completed	Report comparison of stormwater BMP maintenance LOS data determined by random condition surveys in permit area to legislatively mandated target LOS for the period 7/1/12 to 6/30/13	Norm Payton	360/705-7848	10/31/13	Date
S5	A.3 - Appendix 2's reportable indicators	Highway Maintenance	Not Completed	Inspect 95% of planned permanent stormwater BMP within the permit area by 3/5/13 and note deficiencies scheduled for correction	Norm Payton	360/705-7848	3/5/13	Date
S5	A.3 - Appendix 2's reportable indicators	Highway Maintenance	Not Completed	Annually inspect 95% of planned permanent stormwater BMP within the permit area for the period from 3/6/13 to 3/5/14 and note deficiencies scheduled for correction	Norm Payton	360/705-7848	3/5/14	Date
S5	A.3 - Appendix 2's reportable indicators	Highway Maintenance	Not Completed	Report whether the maintenance inspections were conducted and deficiencies noted by the 3/6/12 benchmark	Norm Payton	360/705-7848	10/31/12	Date
S5	A.3 - Appendix 2's reportable indicators	Highway Maintenance	Not Completed	Report whether maintenance inspections were conducted and deficiencies noted during the period from 3/7/12 to 3/6/13	Norm Payton	360/705-7848	10/31/13	Date
S5	A.3 - Appendix 2's reportable indicators	Highway Maintenance	Completed	Staff slated for training receives the training within three months of SWPPP completion	Norm Payton	360/705-7848	6/1/11	May 2011
S5	A.3 - Appendix 2's reportable indicators	Highway Maintenance	Completed	Upon SWPPP completion, document SWPPP inspections of maintenance facilities, rest areas, and WSDOT-maintained park and ride lots	Norm Payton	360/705-7848	10/31/11	10/25/11
S5	A.3 - Appendix 2's reportable indicators	Highway Maintenance	Not Completed	Upon SWPPP completion, document SWPPP inspections of maintenance facilities, rest areas, and WSDOT-maintained park and ride lots	Norm Payton	360/705-7848	10/31/12	Date
S5	A.3 - Appendix 2's reportable indicators	Highway Maintenance	Not Completed	Upon SWPPP completion, document SWPPP inspections of maintenance facilities, rest areas, and WSDOT-maintained park and ride lots	Norm Payton	360/705-7848	10/31/13	Date
S5	A.3 - Appendix 2's reportable indicators	Highway Maintenance	Completed	Report the amount of litter removed from 3/6/09 to 6/30/10	Norm Payton	360/705-7848	10/31/10	10/27/10
S5	A.3 - Appendix 2's reportable indicators	Highway Maintenance	Completed	Report the amount of litter removed from 7/1/10 to 6/30/11	Norm Payton	360/705-7848	10/31/11	10/25/11
S5	A.3 - Appendix 2's reportable indicators	Highway Maintenance	Not Completed	Report the amount of litter removed from 7/1/11 to 6/30/12	Norm Payton	360/705-7848	10/31/12	Date
S5	A.3 - Appendix 2's reportable indicators	Highway Maintenance	Not Completed	Report the amount of litter removed from 7/1/12 to 6/30/13	Norm Payton	360/705-7848	10/31/13	Date
S5	A.3 - Appendix 2's reportable indicators	Highway Maintenance	Completed	Report the amount of herbicides used and acres treated from 3/6/09 to 6/30/10	Norm Payton	360/705-7848	10/31/10	10/27/10

S5	A.3 - Appendix 2's reportable indicators	Highway Maintenance	Completed	Report the amount of herbicides used and acres treated from 7/1/10 to 6/30/11	Norm Payton	360/705-7848	10/31/11	10/25/11
S5	A.3 - Appendix 2's reportable indicators	Highway Maintenance	Not Completed	Report the amount of herbicides used and acres treated from 7/1/11 to 6/30/12	Norm Payton	360/705-7848	10/31/12	Date
S5	A.3 - Appendix 2's reportable indicators	Highway Maintenance	Not Completed	Report the amount of herbicides used and acres treated from 7/1/12 to 6/30/13	Norm Payton	360/705-7848	10/31/13	Date
S5	A.3 - SWMPP's Non-reportable indicators	Highway Maintenance	Completed	Routine catch basin and permanent stormwater BMP inspection program in place in Phase I and II designated areas	Norm Payton	360/705-7848	3/5/11	3/6/09
S5	A.3 - Add. SWMPP Commitments	Highway Maintenance	Not Completed	Stormwater facility BMP database available to track facility's location and inspections and associated maintenance activities (may be linked to SWIM BMP features database)	Norm Payton	360/705-7848	3/5/14	Date
S5	A.3 - Add. SWMPP Commitments	Highway Maintenance	Ongoing	Continue to implement Integrated Vegetation Management program on roadsides	Ray Willard	360/705-7865	3/6/09	Ongoing Task
S5	A.3 - Add. SWMPP Commitments	Highway Maintenance	Ongoing	Continue to implement Snow and Ice Plan	Monty Mills	360/705-7803	3/6/09	Ongoing Task
S5	A.3 - Add. SWMPP Commitments	Highway Maintenance	Completed	Begin progarm to inspect catch basins annually per the program described in Section 7.2.3 of the SWMPP	Norm Payton	360/705-7848	3/6/11	3/1/11
S5	A.3 - Add. SWMPP Commitments	Highway Maintenance	Not Completed	Complete annual inspections of catch basins per the program described in Section 7.2.3 of the SWMPP	Norm Payton	360/705-7848	3/6/12	Date
S5	A.3 - Add. SWMPP Commitments	Highway Maintenance	Not Completed	Complete annual inspections of catch basins per the program described in Section 7.2.3 of the SWMPP	Norm Payton	360/705-7848	3/6/13	Date
S5	A.3 - Add. SWMPP Commitments	Highway Maintenance	Completed	Apply the procedures in Section 7.2.3 of the SWMPP to manage collected street sweepings	Norm Payton	360/705-7848	3/6/09	Ongoing Task
S5	A.3 - Add. SWMPP Commitments	Highway Maintenance	Partially Completed	Inspect culverts twice a year to ensure they are clean and in good operating condition	Norm Payton	360/705-7848	2009	Partially Completed
S5	A.3 - Add. SWMPP Commitments	Highway Maintenance	Partially Completed	Inspect culverts twice a year to ensure they are clean and in good operating condition	Norm Payton	360/705-7848	2010	Partially Completed
S5	A.3 - Add. SWMPP Commitments	Highway Maintenance	Partially Completed	Inspect culverts twice a year to ensure they are clean and in good operating condition	Norm Payton	360/705-7848	2011	Partially Completed
S5	A.3 - Add. SWMPP Commitments	Highway Maintenance	Not Completed	Inspect culverts twice a year to ensure they are clean and in good operating condition	Norm Payton	360/705-7848	2012	Date
S5	A.3 - Add. SWMPP Commitments	Highway Maintenance	Not Completed	Inspect culverts twice a year to ensure they are clean and in good operating condition	Norm Payton	360/705-7848	2013	Date
S5	A.3 - Add. SWMPP Commitments	Highway Maintenance	When Triggered	Correct stormwater treatment and flow control BMP deficiencies upon discovery	Norm Payton	360/705-7848	When triggered by an event	When Triggered
S5	A.3 - Add. SWMPP Commitments	Highway Maintenance	Completed	Continue to request new funding for maintenance of stormwater ponds, open concrete tanks, and underground detention vaults based on a five year sediment removal cycle	Norm Payton	360/705-7848	2010 Legislative Session	11/3/09
S5	A.3 - Add. SWMPP Commitments	Highway Maintenance	Completed	Continue to request new funding for maintenance of stormwater ponds, open concrete tanks, and underground detention vaults based on a five year sediment removal cycle	Norm Payton	360/705-7848	2011 Legislative Session	9/15/10
S5	A.3 - Add. SWMPP Commitments	Highway Maintenance	Not Applicable	Continue to request new funding for maintenance of stormwater ponds, open concrete tanks, and underground detention vaults based on a five year sediment removal cycle	Norm Payton	360/705-7848	2012 Legislative Session	August 2011
S5	A.3 - Add. SWMPP Commitments	Highway Maintenance	Not Completed	Continue to request new funding for maintenance of stormwater ponds, open concrete tanks, and underground detention vaults based on a five year sediment removal cycle	Norm Payton	360/705-7848	2013 Legislative Session	Date
S5	A.3 - Add. SWMPP Commitments	Highway Maintenance	Not Completed	Continue to request new funding for maintenance of stormwater ponds, open concrete tanks, and underground detention vaults based on a five year sediment removal cycle	Norm Payton	360/705-7848	2014 Legislative Session	Date

S5	A.3 - Add. SWMPP Commitments	Highway Maintenance	When Triggered	Request additional funding to build maintenance access roads to stormwater BMPs with insufficient access	Norm Payton	360/705-7848	When triggered by an event	When Triggered
S5	A.3 - Add. SWMPP Commitments	Highway Maintenance	Ongoing	Implement operational best management practices	Norm Payton	360/705-7848	6/2/11	Ongoing Task
S5	A.3 - Add. SWMPP Commitments	Highway Maintenance	Not Completed	SWPPP inspection database available to track inspections	Norm Payton	360/705-7848	3/5/14	Date
S5	A.3 - Add. SWMPP Commitments	Highway Maintenance	Not Completed	Catch basin inspection database available to track inspections	Norm Payton	360/705-7848	3/5/14	Date
S5	A.3 - Appendix 2's reportable indicators	Ferry Terminal Maintenance	Completed	Develop and integrate EMS with WSF Safety Management System Manuals	Sheila Helgath	206/515-3911	3/5/10	11/18/08
S5	A.3 - Appendix 2's reportable indicators	Ferry Terminal Maintenance	Completed	Complete SWPPP and integrate into EMS for implementation	Sheila Helgath	206/515-3911	3/5/11	3/4/11
S5	A.3 - Appendix 2's reportable indicators	Ferry Terminal Maintenance	Ongoing	Revise Maintenance Productivity Enhancement Tool as needed to identify, schedule, and document completion of stormwater system maintenance, sweeping, and vegetation management tasks	Sheila Helgath	206/515-3911	3/5/11	Ongoing Task
S5	A.3 - Appendix 2's reportable indicators	Ferry Terminal Maintenance	Completed	Report the percent of staff slated for initial spill containment & clean up training (90% target) who received it within 1 yr of employment at WSF during the period from 3/6/09 to 6/30/10 or by 3/6/10	Kojo Fordjour	206/515-3650	10/31/10	10/27/10
S5	A.3 - Appendix 2's reportable indicators	Ferry Terminal Maintenance	Completed	Report the percent of staff slated for initial spill containment & clean up training (90% target) who received it within 1 yr of employment at WSF during the period from 7/1/10 to 6/30/11	Kojo Fordjour	206/515-3650	10/31/11	10/25/11
S5	A.3 - Appendix 2's reportable indicators	Ferry Terminal Maintenance	Not Completed	Report the percent of staff slated for initial spill containment & clean up training (90% target) who received it within 1 yr of employment at WSF during the period from 7/1/11 to 6/30/12	Kojo Fordjour	206/515-3650	10/31/12	Date
S5	A.3 - Appendix 2's reportable indicators	Ferry Terminal Maintenance	Not Completed	Report the percent of staff slated for initial spill containment & clean up training (90% target) who received it within 1 yr of employment at WSF during the period from 7/1/12 to 6/30/13	Kojo Fordjour	206/515-3650	10/31/13	Date
S5	A.3 - Appendix 2's reportable indicators	Ferry Terminal Maintenance	Completed	Report the percent of staff slated for SW control procedures and applicable regulations training (90% target) who received it within 1 yr of employment at WSF during the period from 3/6/09 to 6/30/10 or by 3/6/10	Kojo Fordjour	206/515-3650	10/31/10	10/27/10
S5	A.3 - Appendix 2's reportable indicators	Ferry Terminal Maintenance	Completed	Report the percent of staff slated for stormwater control procedures and applicable regulations training (90% target) who received it within 1 yr of employment at WSF during the period from 7/1/10 to 6/30/11	Kojo Fordjour	206/515-3650	10/31/11	10/25/11
S5	A.3 - Appendix 2's reportable indicators	Ferry Terminal Maintenance	Not Completed	Report the percent of staff slated for stormwater control procedures and applicable regulations training (90% target) who received it within 1 yr of employment at WSF during the period from 7/1/11 to 6/30/12	Kojo Fordjour	206/515-3650	10/31/12	Date
S5	A.3 - Appendix 2's reportable indicators	Ferry Terminal Maintenance	Not Completed	Report the percent of staff slated for stormwater control procedures and applicable regulations training (90% target) who received it within 1 yr of employment at WSF during the period from 7/1/12 to 6/30/13	Kojo Fordjour	206/515-3650	10/31/13	Date
S5	A.3 - Add. SWMPP Commitments	Ferry Terminal Maintenance	Ongoing	Maintain stormwater BMP facilities and document maintenance activities in MPET	Kojo Fordjour	206/515-3650	3/6/09	Ongoing Task
S5	A.3 - Add. SWMPP Commitments	SW Conveyance Liquids Disposal	Ongoing	Dispose stormwater conveyance liquids per the procedures contained in Section 7.4 of the SWMPP	Norm Payton Kojo Fordjour	360/705-7848 206/515-3650	3/6/09	Ongoing Task
S5	A.3 - Appendix 2's reportable indicators	Research and Monitoring	Completed	Submit S7 QAPPs for Ecology review and approval	Fred Bergdolt	360/570-6648	9/6/10	9/2/10

S5	A.3 - Appendix 2's reportable indicators	Research and Monitoring	Not Completed	Complete development of stormwater monitoring data container	Elizabeth Lanzer	360/705-7476	3/5/12	Date
S5	A.3 - Appendix 2's reportable indicators	Research and Monitoring	Not Completed	Establish link between the stormwater monitoring data container and the Stormwater Facilities Inventory Database	Elizabeth Lanzer	360/705-7476	3/5/12	Date
S5	A.3 - Appendix 2's reportable indicators	Research and Monitoring	Not Completed	Begin populating and maintaining stormwater monitoring data container	Fred Bergdolt	360/570-6648	3/5/12	Date
S5	A.3 - Appendix 2's reportable indicators	Research and Monitoring	Completed	Report on the status of stormwater research and monitoring activities and summarize findings of completed stormwater research projects for the period from 3/6/09 to 6/30/10	Fred Bergdolt Mark Maurer	360/570-6648 360/705-7260	10/31/10	10/27/10
S5	A.3 - Appendix 2's reportable indicators	Research and Monitoring	Completed	Report on the status of stormwater research and monitoring activities and summarize findings of completed stormwater research projects for the period from 7/1/10 to 6/30/11	Fred Bergdolt Mark Maurer	360/570-6648 360/705-7260	10/31/11	10/25/11
S5	A.3 - Appendix 2's reportable indicators	Research and Monitoring	Not Completed	Report on the status of stormwater research and monitoring activities and summarize findings of completed stormwater research projects for the period from 7/1/11 to 6/30/12	Fred Bergdolt Mark Maurer	360/570-6648 360/705-7260	10/31/12	Date
S5	A.3 - Appendix 2's reportable indicators	Research and Monitoring	Not Completed	Report on the status of stormwater research and monitoring activities and summarize findings of completed stormwater research projects for the period from 7/1/12 to 6/30/13	Fred Bergdolt Mark Maurer	360/570-6648 360/705-7260	10/31/13	Date
S5	A.3 - Appendix 2's reportable indicators	Research and Monitoring	When Triggered	Post completed stormwater research and technical reports on WSDOT's website	Fred Bergdolt Mark Maurer	360/570-6648 360/705-7260	When triggered by an event	When Triggered
S5	A.3 - Add. SWMPP Commitments	Research and Monitoring	When Triggered	Stormwater Technical Research Committee utilized to review stormwater-related research proposals per the procedures contained in Section 8.5 of the SWMPP	Mark Maurer	360/705-7260	When triggered by an event	When Triggered
S5	A.3 - Add. SWMPP Commitments	Research and Monitoring	Process Terminated	New Products Committee utilized to evaluate new stormwater management-related products and procedures for potential use on construction and maintenance projects	Elsa Piekarski	360/570-6654	When triggered by an event	Process terminated 12/09
S5	A.3 - Add. SWMPP Commitments	Research and Monitoring	Ongoing	Coordinate with local, state, and national programs to promote or conduct stormwater research	Mark Maurer	360/705-7260	Ongoing	Ongoing Task
S5	A.3 - Add. SWMPP Commitments	Research and Monitoring	When Triggered	Disseminate stormwater research activities and findings via WSDOT's website, existing libraries, and databases	Fred Bergdolt Mark Maurer	360/705-7260 360/570-6648	When triggered by an event	When Triggered
S5	A.3 - Appendix 2's reportable indicators	Educ./Outreach/ Involvement Program	Completed	Summarize and report stormwater program related outreach, knowledge, and technology transfer activities occurring from 3/6/09 to 6/30/10	Larry Schaffner	360/570-6657	10/31/10	10/27/10
S5	A.3 - Appendix 2's reportable indicators	Educ./Outreach/ Involvement Program	Completed	Summarize and report stormwater program related outreach, knowledge, and technology transfer activities occurring from 7/1/10 to 6/30/11	Larry Schaffner	360/570-6657	10/31/11	10/25/11
S5	A.3 - Appendix 2's reportable indicators	Educ./Outreach/ Involvement Program	Not Completed	Summarize and report stormwater program related outreach, knowledge, and technology transfer activities occurring from 7/1/11 to 6/30/12	Larry Schaffner	360/570-6657	10/31/12	Date
S5	A.3 - Appendix 2's reportable indicators	Educ./Outreach/ Involvement Program	Not Completed	Summarize and report stormwater program related outreach, knowledge, and technology transfer activities occurring from 7/1/12 to 6/30/13	Larry Schaffner	360/570-6657	10/31/13	Date
S5	A.3 - Appendix 2's reportable indicators	Educ./Outreach/ Involvement Program	Ongoing	Continue support for the Adopt-a-Highway Program	Helen Simmonds	360/705-7866	Ongoing	Ongoing Task
S5	A.3 - Appendix 2's reportable indicators	Educ./Outreach/ Involvement Program	Ongoing	Continue to provide technical assistance to local agencies and employers for the Commute Trip Reduction Program	Kathy Johnston	360/705-7925	Ongoing	Ongoing Task

S5	A.3 - Appendix 2's reportable indicators	Educ./Outreach/ Involvement Program	Ongoing	Maintain the Highway Runoff Manual listserv	Mark Maurer	360/705-7260	Ongoing	Ongoing Task
S5	A.3 - Appendix 2's reportable indicators	Educ./Outreach/ Involvement Program	Ongoing	Maintain and expand WSDOT's internet sites to disseminate information regarding WSDOT's stormwater management program	Dick Gersib Mark Maurer Norm Payton	360/570-6637 360/705-7260 360/705-7848	Ongoing	Ongoing Task
S5	A.3 - Add. SWMPP Commitments	Program Assessment & Reporting	Not Completed	Evaluate extending the geographic scope of permit coverage to statewide for inclusion in the fourth year Annual Report	Larry Schaffner	360/570-6657	10/31/13	Date
S5	A.4	Highway Runoff Manual	When Triggered	Apply the technical standards from the June 2008 Highway Runoff Manual for the planning, design, and operation and maintenance of stormwater facilities in permit covered areas	Mark Maurer Norm Payton	360/705-7260 360/705-7848	When triggered by an event	When Triggered
S5	A.4	Highway Runoff Manual	Completed	Projects going to advertisement (AD) by 3/6/2010 shall comply with the June 2008 Highway Runoff Manual	Mark Maurer	360/705-7260	3/6/10	3/6/10
S5	A.4	Highway Runoff Manual	Completed	Projects requiring an individual Section 401 Water Quality Certification must comply with the 2008 Highway Runoff Manual consistent with the 2/4/09 WSDOT/DOE Implementing Agreement	Mark Maurer	360/705-7260	3/6/09	2/2/2009
S5	A.5	Low Impact Development	Completed	Require non-structural preventative actions and source reduction approaches, including LID techniques to minimum impervious surfaces and soil and vegetation disturbance where feasible	Mark Maurer	360/705-7260	3/6/09	3/6/10
S5	A.5.a	Low Impact Development	Completed	Identify barriers to implementation of LID and report actions taken to remove barriers identified during the period from 3/6/09 to 6/30/10	Larry Schaffner Mark Maurer	360/570-6657 360/705-7260	10/31/10	10/27/10
S5	A.5.a	Low Impact Development	Completed	Identify barriers to implementation of LID and report actions taken to remove barriers identified during the period from 7/1/10 to 6/30/11	Larry Schaffner Mark Maurer	360/570-6657 360/705-7260	10/31/11	10/25/11
S5	A.5.a	Low Impact Development	Not Completed	Identify barriers to implementation of LID and report actions taken to remove barriers identified during the period from 7/1/11 to 6/30/12	Larry Schaffner Mark Maurer	360/570-6657 360/705-7260	10/31/12	Date
S5	A.5.a	Low Impact Development	Not Completed	Identify barriers to implementation of LID and report actions taken to remove barriers identified during the period from 7/1/11 to 6/30/12	Larry Schaffner Mark Maurer	360/570-6657 360/705-7260	10/31/13	Date
S5	A.5.b	Low Impact Development	Completed	Adopt conditions that require the use of LID techniques where feasible in conjunction with conventional stormwater management methods	Mark Maurer	360/705-7260	3/6/09	3/6/09
S5	A.6	Legislative Funding Request	Completed	Annual budget request for adequate resources to maintain compliance with permit submitted to legislature for the 2010 legislative session	Dick Gersib Norm Payton Kojo Fordjour Sheila Helgath	360/570-6637 360/705-7848 206/515-3650 206/515-3911	2010 Legislative Session	11/3/09
S5	A.6	Legislative Funding Request	Completed	Annual budget request for adequate resources to maintain permit submitted to legislature for the 2011 legislative session	Dick Gersib Norm Payton Kojo Fordjour Sheila Helgath	360/570-6637 360/705-7848 206/515-3650 206/515-3911	2011 Legislative Session	9/15/10
S5	A.6	Legislative Funding Request	Not Applicable	Annual budget request for adequate resources to maintain permit submitted to legislature for the 2012 legislative session	Dick Gersib Norm Payton Kojo Fordjour Sheila Helgath	360/570-6637 360/705-7848 206/515-3650 206/515-3911	2012 Legislative Session	August 2011
S5	A.6	Legislative Funding Request	Not Completed	Annual budget request for adequate resources to maintain permit submitted to legislature for the 2013 legislative session	Dick Gersib Norm Payton Kojo Fordjour Sheila Helgath	360/570-6637 360/705-7848 206/515-3650 206/515-3911	2013 Legislative Session	Date
S5	A.6	Legislative Funding Request	Not Completed	Annual budget request for adequate resources to maintain permit submitted to legislature for the 2014 legislative session	Dick Gersib Norm Payton Kojo Fordjour Sheila Helgath	360/570-6637 360/705-7848 206/515-3650 206/515-3911	2014 Legislative Session	Date

S5	A.6	Legislative Funding Request	Ongoing	Track the cost of development and implementation of the SWMPP	Joe Witczak Norm Payton	360/705-7479 360-707-7848	Ongoing	Ongoing Task
S6	A. - Appendix 3: Applic. TMDL Reqs.	Stillaguamish River & Portage Creek TMDL	No Longer Applicable	Address required fecal coliform reductions in Portage Creek	Jana Ratcliff	360/570-6649	2013	No Longer Applicable
S6	A. - Appendix 3: Applic. TMDL Reqs.	Stillaguamish River & Portage Creek TMDL	No Longer Applicable	Address required fecal coliform reductions in Pilchuck Creek	Jana Ratcliff	360/570-6649	2013	No Longer Applicable
S6	A. - Appendix 3: Applic. TMDL Reqs.	Stillaguamish River & Portage Creek TMDL	No Longer Applicable	Address required fecal coliform reductions in March Creek	Jana Ratcliff	360/570-6649	2013	No Longer Applicable
S6	A. - Appendix 3: Applic. TMDL Reqs.	Stillaguamish River & Portage Creek TMDL	No Longer Applicable	Address required fecal coliform reductions in Armstrong Creek	Jana Ratcliff	360/570-6649	2013	No Longer Applicable
S6	A. - Appendix 3: Applic. TMDL Reqs.	Stillaguamish River & Portage Creek TMDL	No Longer Applicable	Address required fecal coliform reductions at the North Fork of the Stillaguamish River at its confluence with South Fork	Jana Ratcliff	360/570-6649	2013	No Longer Applicable
S6	A. - Appendix 3: Applic. TMDL Reqs.	Stillaguamish River & Portage Creek TMDL	No Longer Applicable	To reduce bacteria level, evaluate bioretention and other techniques to reduce stormwater volumes	Jana Ratcliff	360/570-6649	2013	No Longer Applicable
S6	A. - Appendix 3: Applic. TMDL Reqs.	Stillaguamish River & Portage Creek TMDL	No Longer Applicable	Evaluate and implement where feasible, techniques that promote stormwater infiltration	Jana Ratcliff	360/570-6649	2013	No Longer Applicable
S6	A. - Appendix 3: Applic. TMDL Reqs.	Stillaguamish River & Portage Creek TMDL	No Longer Applicable	Address dissolved oxygen impairments at Portage Creek	Jana Ratcliff	360/570-6649	2013	No Longer Applicable
S6	A. - Appendix 3: Applic. TMDL Reqs.	Stillaguamish River & Portage Creek TMDL	No Longer Applicable	Address dissolved oxygen impairments at Pilchuck Creek	Jana Ratcliff	360/570-6649	2013	No Longer Applicable
S6	A. - Appendix 3: Applic. TMDL Reqs.	Stillaguamish River & Portage Creek TMDL	No Longer Applicable	Address dissolved oxygen impairments at March Creek	Jana Ratcliff	360/570-6649	2013	No Longer Applicable
S6	A. - Appendix 3: Applic. TMDL Reqs.	Stillaguamish River & Portage Creek TMDL	No Longer Applicable	Take pollution prevention steps to ensure that highway storm drains do not convey excessive bacteria, nutrients, and oxygen-demanding materials or that treatment occurs prior to discharge	Jana Ratcliff	360/570-6649	2013	No Longer Applicable
S6	A. - Appendix 3: Applic. TMDL Reqs.	Stillaguamish River & Portage Creek TMDL	Ongoing	Implement WSDOT's SWMPP and Municipal Stormwater NPDES Permit in all Phase I and II areas.	Jana Ratcliff	360/570-6649	Ongoing	Ongoing Task
S6	A. - Appendix 3: Applic. TMDL Reqs.	Stillaguamish River & Portage Creek TMDL	Not Completed	Inventory highway discharge locations within Stillaguamish River TMDL boundary. Complete initial inventory and provide map of discharge points, IDDE's identified, and potential source locations.	Jana Ratcliff	360/570-6649	2012	Date
S6	A. - Appendix 3: Applic. TMDL Reqs.	Stillaguamish River & Portage Creek TMDL	When Triggered	Apply best management practices from SWMPP or perform remediation to correct bacteria discharges.	Jana Ratcliff	360/570-6649	When triggered by an event	When Triggered
S6	A. - Appendix 3: Applic. TMDL Reqs.	Stillaguamish River & Portage Creek TMDL	Not Completed	Apply fecal coliform programmatic approach within TMDL areas. Report to Ecology initial identified sites for diagnostic monitoring.	Jana Ratcliff	360/570-6649	2012	Date
S6	A. - Appendix 3: Applic. TMDL Reqs.	Stillaguamish River & Portage Creek TMDL	No Longer Applicable	Provide brief report to Ecology on the discharge point prioritization process included in the fecal coliform programmatic approach (GIS analysis tool)	Jana Ratcliff	360/570-6649	Once Developed	No Longer Applicable
S6	A. - Appendix 3: Applic. TMDL Reqs.	Stillaguamish River & Portage Creek TMDL	Completed	Install a pet waste management stations with educational signage at I-5 rest areas	Jana Ratcliff Norm Payton	360/570-6649 360/705-7848	2013	3/14/11

S6	A. - Appendix 3: Applic. TMDL Reqs.	Stillaguamish River & Portage Creek TMDL	When Triggered	Provide bacterial pollution information collected where WSDOT's MS4 connects with another jurisdiction's MS4	Jana Ratcliff	360/570-6649	When triggered by an event	Date
S6	A. - Appendix 3: Applic. TMDL Reqs.	Issaquah Creek Basin TMDL	No Longer Applicable	Implement stormwater source control BMPs	Jana Ratcliff	360/570-6649	2004-2010	No Longer Applicable
S6	A. - Appendix 3: Applic. TMDL Reqs.	Issaquah Creek Basin TMDL	No Longer Applicable	Implement stormwater treatment BMPs	Jana Ratcliff	360/570-6649	2004-2010	No Longer Applicable
S6	A. - Appendix 3: Applic. TMDL Reqs.	Issaquah Creek Basin TMDL	Ongoing	Implement WSDOT's SWMPP and Municipal Stormwater NPDES Permit in all Phase I and II areas.	Jana Ratcliff	360/570-6649	Ongoing	Ongoing Task
S6	A. - Appendix 3: Applic. TMDL Reqs.	Issaquah Creek Basin TMDL	Completed	Inventory highway discharge locations within Issaquah Creek TMDL boundary. Complete initial inventory and provide map of discharge points, IDDE's identified, and potential source locations.	Jana Ratcliff	360/570-6649	2011	12/29/11
S6	A. - Appendix 3: Applic. TMDL Reqs.	Issaquah Creek Basin TMDL	When Triggered	Apply best management practices from SWMPP or perform remediation to correct bacteria discharges.	Jana Ratcliff	360/570-6649	When triggered by an event	When Triggered
S6	A. - Appendix 3: Applic. TMDL Reqs.	Issaquah Creek Basin TMDL	Completed	Apply fecal coliform programmatic approach within TMDL areas.	Jana Ratcliff	360/570-6649	2011	5/21/09
S6	A. - Appendix 3: Applic. TMDL Reqs.	Issaquah Creek Basin TMDL	No Longer Applicable	Provide brief report to Ecology on the discharge point prioritization process included in the fecal coliform programmatic approach (GIS analysis tool)	Jana Ratcliff	360/570-6649	Once Developed	No Longer Applicable
S6	A. - Appendix 3: Applic. TMDL Reqs.	Issaquah Creek Basin TMDL	When Triggered	Provide bacterial pollution information collected where WSDOT's MS4 connects with another jurisdiction's MS4	Jana Ratcliff	360/570-6649	When triggered by an event	Date
S6	A. - Appendix 3: Applic. TMDL Reqs.	Little Bear Creek TMDL	No Longer Applicable	Implement stormwater source control BMPs	Jana Ratcliff	360/570-6649	2005-2010	No Longer Applicable
S6	A. - Appendix 3: Applic. TMDL Reqs.	Little Bear Creek TMDL	No Longer Applicable	Implement stormwater treatment BMPs	Jana Ratcliff	360/570-6649	2005-2010	No Longer Applicable
S6	A. - Appendix 3: Applic. TMDL Reqs.	Little Bear Creek TMDL	Ongoing	Implement WSDOT's SWMPP and Municipal Stormwater NPDES Permit in all Phase I and II areas.	Jana Ratcliff	360/570-6649	Ongoing	Ongoing Task
S6	A. - Appendix 3: Applic. TMDL Reqs.	Little Bear Creek TMDL	Completed	Inventory highway discharge locations within Little Bear Creek TMDL boundary. Complete initial inventory and provide map of discharge points, IDDE's identified, and potential source locations.	Jana Ratcliff	360/570-6649	2011	9/1/11
S6	A. - Appendix 3: Applic. TMDL Reqs.	Little Bear Creek TMDL	When Triggered	Apply best management practices from SWMPP or perform remediation to correct bacteria discharges.	Jana Ratcliff	360/570-6649	When triggered by an event	When Triggered
S6	A. - Appendix 3: Applic. TMDL Reqs.	Little Bear Creek TMDL	Completed	Apply fecal coliform programmatic approach within TMDL areas.	Jana Ratcliff	360/570-6649	2011	6/1/09
S6	A. - Appendix 3: Applic. TMDL Reqs.	Little Bear Creek TMDL	No Longer Applicable	Provide brief report to Ecology on the discharge point prioritization process included in the fecal coliform programmatic approach (GIS analysis tool)	Jana Ratcliff	360/570-6649	Once Developed	No Longer Applicable
S6	A. - Appendix 3: Applic. TMDL Reqs.	Little Bear Creek TMDL	When Triggered	Provide bacterial pollution information collected where WSDOT's MS4 connects with another jurisdiction's MS4	Jana Ratcliff	360/570-6649	When triggered by an event	Date
S6	A. - Appendix 3: Applic. TMDL Reqs.	Swamp Creek TMDL	No Longer Applicable	Evaluate the potential for using bioretention and other techniques to reduce stormwater volumes. Where this approach is determined feasible, develop a plan to implement this strategy.	Jana Ratcliff	360/570-6649	2007-2017	No Longer Applicable

S6	A. - Appendix 3: Applic. TMDL Reqs.	Swamp Creek TMDL	No Longer Applicable	Evaluate and implement where feasible, techniques that promote stormwater infiltration	Jana Ratcliff	360/570-6649	2007-2017	No Longer Applicable
S6	A. - Appendix 3: Applic. TMDL Reqs.	Swamp Creek TMDL	Ongoing	Implement WSDOT's SWMPP and Municipal Stormwater NPDES Permit in all Phase I and II areas.	Jana Ratcliff	360/570-6649	Ongoing	Ongoing Task
S6	A. - Appendix 3: Applic. TMDL Reqs.	Swamp Creek TMDL	Completed	Inventory highway discharge locations within Swamp Creek TMDL boundary. Complete initial inventory and provide map of discharge points, IDDE's identified, and potential source locations.	Jana Ratcliff	360/570-6649	2011	8/3/11
S6	A. - Appendix 3: Applic. TMDL Reqs.	Swamp Creek TMDL	When Triggered	Apply best management practices from SWMPP or perform remediation to correct bacteria discharges.	Jana Ratcliff	360/570-6649	When triggered by an event	When Triggered
S6	A. - Appendix 3: Applic. TMDL Reqs.	Swamp Creek TMDL	Completed	Apply fecal coliform programmatic approach within TMDL areas.	Jana Ratcliff	360/570-6649	2011	6/4/09
S6	A. - Appendix 3: Applic. TMDL Reqs.	Swamp Creek TMDL	No Longer Applicable	Provide brief report to Ecology on the discharge point prioritization process included in the fecal coliform programmatic approach (GIS analysis tool)	Jana Ratcliff	360/570-6649	Once Developed	No Longer Applicable
S6	A. - Appendix 3: Applic. TMDL Reqs.	Swamp Creek TMDL	When Triggered	Provide bacterial pollution information collected where WSDOT's MS4 connects with another jurisdiction's MS4	Jana Ratcliff	360/570-6649	When triggered by an event	Date
S6	A. - Appendix 3: Applic. TMDL Reqs.	South Prairie Creek TMDL	No Longer Applicable	Investigate Tributary 1 bacterial sources impacting the stormwater drainage system along SR 162	Jana Ratcliff	360/570-6649	2006-2009	No Longer Applicable
S6	A. - Appendix 3: Applic. TMDL Reqs.	South Prairie Creek TMDL	No Longer Applicable	Investigate Tributary 1 bacterial sources impacting the stormwater drainage system along SR 165	Jana Ratcliff	360/570-6649	2006-2009	No Longer Applicable
S6	A. - Appendix 3: Applic. TMDL Reqs.	South Prairie Creek TMDL	No Longer Applicable	Assess current roadway maintenance practices adjacent to stormwater drainage systems along SR 162	Jana Ratcliff Norm Payton	360/570-6649 360/705-7848	2006-2009	No Longer Applicable
S6	A. - Appendix 3: Applic. TMDL Reqs.	South Prairie Creek TMDL	No Longer Applicable	Assess current roadway maintenance practices adjacent to stormwater drainage systems along SR 165	Jana Ratcliff Norm Payton	360/570-6649 360/705-7848	2006-2009	No Longer Applicable
S6	A. - Appendix 3: Applic. TMDL Reqs.	South Prairie Creek TMDL	No Longer Applicable	Contribute $19,584 for 2-year monitoring effort to determine relative contributions of bacteria from the road corridor and ditch systems for the growing and non-growing season	Jana Ratcliff	360/570-6649	2006-2009	No Longer Applicable
S6	A. - Appendix 3: Applic. TMDL Reqs.	South Prairie Creek TMDL	No Longer Applicable	Develop and distribute educational materials on stormwater source controls/best management practices to landowners adjacent to SR162 and SR165 stormwater drainage systems	Jana Ratcliff	360/570-6649	2006-2009	No Longer Applicable
S6	A. - Appendix 3: Applic. TMDL Reqs.	South Prairie Creek TMDL	No Longer Applicable	Refer landowners to the Pierce Conservation District for technical assistance where agricultural or livestock impacts contribute flows to SR 162 or SR 165 stormwater drainage system	Jana Ratcliff	360/570-6649	2006-2009	No Longer Applicable
S6	A. - Appendix 3: Applic. TMDL Reqs.	South Prairie Creek TMDL	No Longer Applicable	Consider land acquisitions to preserve floodplain, water quality functions, and riparian habitat in the South Prairie Creek Watershed	Jana Ratcliff	360/570-6649	2006-2009	No Longer Applicable
S6	A. - Appendix 3: Applic. TMDL Reqs.	South Prairie Creek TMDL	No Longer Applicable	Promote civic and local landowner efforts to restore native vegetation in riparian areas	Jana Ratcliff	360/570-6649	2006-2009	No Longer Applicable
S6	A. - Appendix 3: Applic. TMDL Reqs.	South Prairie Creek TMDL	Ongoing	Implement pollution-prevention measures for state road and highway runoff according to its SWMPP and Municipal Stormwater NPDES General Permit	Jana Ratcliff	360/570-6649	Ongoing	Ongoing Task
S6	A. - Appendix 3: Applic. TMDL Reqs.	South Prairie Creek TMDL	Completed	Inventory highway discharge locations within the South Prairie Creek TMDL boundary	Jana Ratcliff	360/570-6649	12/31/10	8/4/10

S6	A. - Appendix 3: Applic. TMDL Reqs.	South Prairie Creek TMDL	Completed	Implement source identification for fecal coliform within the South Prairie Creek TMDL boundary	Jana Ratcliff	360/570-6649	12/31/10	8/4/10
S6	A. - Appendix 3: Applic. TMDL Reqs.	South Prairie Creek TMDL	When Triggered	Apply best management practices from SWMPP or perform remediation to correct bacteria discharges	Jana Ratcliff	360/570-6649	When triggered by an event	When Triggered
S6	A. - Appendix 3: Applic. TMDL Reqs.	South Prairie Creek TMDL	When Triggered	Apply fecal coliform programmatic approach within TMDL boundary	Jana Ratcliff	360/570-6649	When triggered by an event	When Triggered
S6	A. - Appendix 3: Applic. TMDL Reqs.	South Prairie Creek TMDL	Completed	Participate in adaptive management meeting to discuss progress and identify alternatives if needed	Jana Ratcliff	360/570-6649	2010	1/12/10
S6	A. - Appendix 3: Applic. TMDL Reqs.	South Prairie Creek TMDL	Completed	Participate in adaptive management meeting to discuss progress and identify alternatives if needed	Jana Ratcliff	360/570-6649	2011	3/10/11
S6	A. - Appendix 3: Applic. TMDL Reqs.	South Prairie Creek TMDL	Not Completed	Participate in adaptive management meeting to discuss progress and identify alternatives if needed	Jana Ratcliff	360/570-6649	2012	Date
S6	A. - Appendix 3: Applic. TMDL Reqs.	South Prairie Creek TMDL	Not Completed	Participate in adaptive management meeting to discuss progress and identify alternatives if needed	Jana Ratcliff	360/570-6649	2013	Date
S6	A. - Appendix 3: Applic. TMDL Reqs.	South Prairie Creek TMDL	Not Completed	Participate in adaptive management meeting to discuss progress and identify alternatives if needed	Jana Ratcliff	360/570-6649	2014	Date
S6	A. - Appendix 3: Applic. TMDL Reqs.	Nisqually Watershed TMDL	To be Determined by Ecology	Discharges from stormwater conveyances into McAllister Creek meet water quality standards	Jana Ratcliff	360/570-6649	To be Determined by Ecology	Date
S6	A. - Appendix 3: Applic. TMDL Reqs.	Nisqually Watershed TMDL	Post-due Completion	Install a pet waste station on the dike at McAllister Creek or close access to the dike	Jana Ratcliff	360/570-6649	2/28/08	3/4/10
S6	A. - Appendix 3: Applic. TMDL Reqs.	Nisqually Watershed TMDL	Completed	Maintain tide gates 1-6 at McAllister Creek every other year per WSDOT maintenance program	Norm Payton	360/705-7848	2010	February & June 2010
S6	A. - Appendix 3: Applic. TMDL Reqs.	Nisqually Watershed TMDL	Not Completed	Maintain tide gates 1-6 at McAllister Creek every other year per WSDOT maintenance program	Norm Payton	360/705-7848	2012	Date
S6	A. - Appendix 3: Applic. TMDL Reqs.	Nisqually Watershed TMDL	Not Completed	Maintain tide gates 1-6 at McAllister Creek every other year per WSDOT maintenance program	Norm Payton	360/705-7848	2014	Date
S6	A. - Appendix 3: Applic. TMDL Reqs.	Nisqually Watershed TMDL	Not Completed	Participate in annual adaptive management meetings	Jana Ratcliff	360/570-6649	2009	Letter submitted on 2/5/10
S6	A. - Appendix 3: Applic. TMDL Reqs.	Nisqually Watershed TMDL	Completed	Participate in annual adaptive management meetings	Jana Ratcliff	360/570-6649	2010	2/2/10
S6	A. - Appendix 3: Applic. TMDL Reqs.	Nisqually Watershed TMDL	Not Applicable	Participate in annual adaptive management meetings	Jana Ratcliff	360/570-6649	2011	Not Applicable
S6	A. - Appendix 3: Applic. TMDL Reqs.	Nisqually Watershed TMDL	Not Completed	Participate in annual adaptive management meetings	Jana Ratcliff	360/570-6649	2012	Date
S6	A. - Appendix 3: Applic. TMDL Reqs.	Nisqually Watershed TMDL	Not Completed	Participate in annual adaptive management meetings	Jana Ratcliff	360/570-6649	2013	Date

S6	A. - Appendix 3: Applic. TMDL Reqs.	Nisqually Watershed TMDL	Not Completed	Participate in annual adaptive management meetings	Jana Ratcliff	360/570-6649	2014	Date
S6	A. - Appendix 3: Applic. TMDL Reqs.	Totten/Eld Inlets Tributaries TMDL	No Longer Applicable	Implement pollution-prevention measures contained in the SWMPP to ensure that the drainage from SR 101 does not convey excessive bacteria to adjacent water bodies	Jana Ratcliff	360/570-6649	2014	No Longer Applicable
S6	A. - Appendix 3: Applic. TMDL Reqs.	Totten/Eld Inlets Tributaries TMDL	No Longer Applicable	Implement pollution-prevention measures contained in the SWMPP to ensure that the drainage from SR 108 does not convey excessive bacteria to adjacent water bodies	Jana Ratcliff	360/570-6649	2014	No Longer Applicable
S6	A. - Appendix 3: Applic. TMDL Reqs.	Totten/Eld Inlets Tributaries TMDL	No Longer Applicable	Implement pollution-prevention measures contained in the SWMPP to ensure that the drainage from SR 8 does not convey excessive bacteria to adjacent water bodies	Jana Ratcliff	360/570-6649	2014	No Longer Applicable
S6	A. - Appendix 3: Applic. TMDL Reqs.	Totten/Eld Inlets Tributaries TMDL	Completed	Address drainage issues affecting Schneider Creek	Jana Ratcliff	360/570-6649	2014	11/1/97
S6	A. - Appendix 3: Applic. TMDL Reqs.	Totten/Eld Inlets Tributaries TMDL	No Longer Applicable	Evaluate the effectiveness of stormwater facilities at Steamboat Island interchange	Jana Ratcliff	360/570-6649	2014	No Longer Applicable
S6	A. - Appendix 3: Applic. TMDL Reqs.	Totten/Eld Inlets Tributaries TMDL	Ongoing	WSDOT will implement pollution-prevention measures for state road and highway runoff according to its SWMPP and Municipal Stormwater NPDES General Permit in all applicable coverage areas (i.e., Phase I and II) within the TMDL boundary	Jana Ratcliff	360/570-6649	Ongoing	Ongoing Task
S6	A. - Appendix 3: Applic. TMDL Reqs.	Totten/Eld Inlets Tributaries TMDL	Not Completed	Inventory highway discharge locations within the Totten/Eld Inlets Tributaries fecal coliorm TMDL boundary	Jana Ratcliff	360/570-6649	3/31/2014	Date
S6	A. - Appendix 3: Applic. TMDL Reqs.	Totten/Eld Inlets Tributaries TMDL	Not Completed	Implement source identification for fecal coliform within the Totten/Eld Inlets Tributaries TMDL boundary	Jana Ratcliff	360/570-6649	3/31/2014	Date
S6	A. - Appendix 3: Applic. TMDL Reqs.	Totten/Eld Inlets Tributaries TMDL	Not Completed	Apply best management practices from SWMPP or perform remediation to correct bacteria discharges	Jana Ratcliff	360/570-6649	When triggered by an event	When Triggered
S6	A. - Appendix 3: Applic. TMDL Reqs.	Totten/Eld Inlets Tributaries TMDL	Not Completed	Apply fecal coliform programmatic approach within TMDL boundary	Jana Ratcliff	360/570-6649	When triggered by an event	When Triggered
S6	A. - Appendix 3: Applic. TMDL Reqs.	Walla Walla TMDL	No Longer Applicable	Increase infiltration along SR 12 plus an additional 5 acres	Jana Ratcliff	360/570-6649	2008-2011	No Longer Applicable
S6	A. - Appendix 3: Applic. TMDL Reqs.	Walla Walla TMDL	No Longer Applicable	Continue to maintain roads and roadside ditches to prevent entry of sediment into area waterways	Jana Ratcliff Norm Payton	360/570-6649 360/705-7848	3/6/2009	No Longer Applicable
S6	A. - Appendix 3: Applic. TMDL Reqs.	Walla Walla TMDL	No Longer Applicable	Implement SWMPP per WSDOT's NPDES municipal stormwater permit	Jana Ratcliff	360/570-6649	3/6/2009	No Longer Applicable
S6	A. - Appendix 3: Applic. TMDL Reqs.	Walla Walla TMDL	Not Completed	Re-route 97% of the US 12 traffic volume to the plateau located well above the Walla Walla River	Jana Ratcliff	360/570-6649	Dependent on funding	Date
S6	A. - Appendix 3: Applic. TMDL Reqs.	Walla Walla TMDL	Ongoing	WSDOT will implement pollution-prevention measures for state road and highway runoff according to its SWMPP and Municipal Stormwater NPDES General Permit in all applicable coverage areas (i.e., Phase I and II) within the TMDL boundary	Jana Ratcliff	360/570-6649	Ongoing	Ongoing Task
S6	A. - Appendix 3: Applic. TMDL Reqs.	Walla Walla TMDL	Ongoing	Where feasible, WSDOT will implement infiltration and/or dispersion to address the pollutants covered under this TMDL	Jana Ratcliff	360/570-6649	Ongoing	Ongoing Task

S6	A. - Appendix 3: Applic. TMDL Reqs.	Walla Walla TMDL	Ongoing	WSDOT will follow the current Integrated Roadside Vegetation Management Plan (South Central Region, Area 4) within the Walla Walla TMDL boundary	Jana Ratcliff	360/570-6649	Ongoing	Ongoing Task
S6	A. - Appendix 3: Applic. TMDL Reqs.	Yakima, Upper TMDL	Completed	Continue to maintaining roads and roadside ditches to prevent entry of sediment into area waterways	Jana Ratcliff Norm Payton	360/570-6649 360/705-7848	3/6/09	Ongoing Task
S6	A. - Appendix 3: Applic. TMDL Reqs.	Henderson Inlet TMDL	Ongoing	Implement pollution-prevention measures in SWMP to address bacteria concentrations at WSDOT discharges to Woodland Ceek at Interstate 5; river mile 3.1	Jana Ratcliff	360/570-6649	5/5/10	Ongoing Task
S6	A. - Appendix 3: Applic. TMDL Reqs.	Henderson Inlet TMDL	Not Completed	Update WSDOT stormwater facilities at I-5 (Southbound I-5 ~milepost 110)	Jana Ratcliff	360/570-6649	6/30/17	Date
S6	A. - Appendix 3: Applic. TMDL Reqs.	S. Fork Palouse River TMDL	Ongoing	WSDOT will implement pollution-prevention measures for state road and highway runoff according to its SWMPP and Municipal Stormwater NPDES General Permit in all applicable coverage areas (i.e., Phase I and II) within the TMDL boundary	Jana Ratcliff	360/570-6649	5/5/10	Ongoing Task
S6	A. - Appendix 3: Applic. TMDL Reqs.	S. Fork Palouse River TMDL	Not Completed	Inventory highway stormwater discharge locations within the South Fork Palouse River fecal coliform bacteria TMDL boundary	Jana Ratcliff	360/570-6649	3/31/2014	Date
S6	A. - Appendix 3: Applic. TMDL Reqs.	S. Fork Palouse River TMDL	Not Completed	Implement source identification for fecal coliform within the South Fork Palouse River TMDL boundary	Jana Ratcliff	360/570-6649	3/31/2014	Date
S6	A. - Appendix 3: Applic. TMDL Reqs.	S. Fork Palouse River TMDL	When Triggered	Apply best management practices from SWMPP or perform remediation to correct bacteria discharges	Jana Ratcliff	360/570-6649	When triggered by an event	When Triggered
S6	A. - Appendix 3: Applic. TMDL Reqs.	S. Fork Palouse River TMDL	When Triggered	Apply fecal coliform programmatic approach within TMDL boundary	Jana Ratcliff	360/570-6649	When triggered by an event	When Triggered
S6	A. - Appendix 3: Applic. TMDL Reqs.	S. Fork Palouse River TMDL	Ongoing	Inspect underside of Highway 195 bridge in Colfax for pigeon nests and feces with annual bridge inspection	Jana Ratcliff	360/570-6649	5/5/2010	Ongoing Task
S6	B.	TMDL	Completed	Summarize and report on TMDL implementation activities for the period of 3/6/09 to 6/30/10	Jana Ratcliff	360/570-6649	10/31/10	10/27/10
S6	B.	TMDL	Completed	Summarize and report on TMDL implementation activities for the period of 7/1/10 to 6/30/11	Jana Ratcliff	360/570-6649	10/31/11	10/25/11
S6	B.	TMDL	Not Completed	Summarize and report on TMDL implementation activities for the period of 7/1/11 to 6/30/12	Jana Ratcliff	360/570-6649	10/31/12	Date
S6	B.	TMDL	Not Completed	Summarize and report on TMDL implementation activities for the period of 7/1/12 to 6/30/13	Jana Ratcliff	360/570-6649	10/31/13	Date
S6	C.	TMDL	When Triggered	Comply with new TMDL-related permit requirements established by the Department of Ecology post-permit issuance date	Jana Ratcliff	360/570-6649	When triggered by an event	When Triggered
S7	A.2	Monitoring	Not Completed	Develop strategies to provide information that can be used by WSDOT for designing and implementing effective stormwater management strategies for WSDOT facilities	Fred Bergdolt Mark Maurer	360/570-6648	Not specified in permit	Date
S7	A.3	Monitoring	Not Completed	Develop strategies to determine the long-term effectiveness of individual facility stormwater pollution prevent plans (SWPPPs)	Fred Bergdolt Norm Payton	360/570-6648	Not specified in permit	Date
S7	B.1	Monitoring	Ongoing	Obtain stormwater discharge quality and quantity data from highway edge of pavement using sites, frequencies, durations, and parameters specified in the permit	Fred Bergdolt	360/570-6648	9/6/11	Ongoing Task
S7	B.2	Monitoring	Ongoing	Record continuous flow data of all storm events to establish a baseline rainfall/runoff relationship	Fred Bergdolt	360/570-6648	9/6/11	Ongoing Task
S7	B.3	Monitoring	Completed	Map conveyance system and drainage area for all baseline monitoring sites and document the time of concentration for each of the site's drainage area	Fred Bergdolt	360/570-6648	9/6/11	9/2/11

S7	B.7	Monitoring	Not Completed	Trap and analyze sediments for the parameters specified in the permit for each highway site or in the vicinity of the site from 9/6/11 to 9/5/12	Fred Bergdolt	360/570-6648	9/5/12	Date
S7	B.7	Monitoring	Not Completed	Trap and analyze sediments for the parameters specified in the permit for each highway site or in the vicinity of the site during the period from 9/6/12 to 9/5/13	Fred Bergdolt	360/570-6648	9/6/12	Date
S7	B.7	Monitoring	Not Completed	Trap and analyze sediments for the parameters specified in the permit for each highway site or in the vicinity of the site during the period from 9/6/13 to 3/6/14	Fred Bergdolt	360/570-6648	9/6/13	Date
S7	B.8	Monitoring	Completed	Report the status of the preparation to meet the permit's baseline highway monitoring requirements in the Annual Stormwater Monitoring Report for the period 3/6/09 to 6/30/10	Fred Bergdolt	360/570-6648	10/31/10	10/27/10
S7	B.8	Monitoring	Completed	Report the status of the preparation to meet the permit's baseline highway monitoring requirements in the Annual Stormwater Monitoring Report for the period 7/1/10 to 6/30/11	Fred Bergdolt	360/570-6648	10/31/11	10/25/11
S7	B.8	Monitoring	Not Completed	Report the status of the preparation to meet the permit's baseline highway monitoring requirements in the Annual Stormwater Monitoring Report for the period 7/1/11 to 6/30/12	Fred Bergdolt	360/570-6648	10/31/12	Date
S7	B.8	Monitoring	Not Completed	Report the baseline highway monitoring data collected between October 1, 2011 and September 30, 2012 in the Annual Stormwater Monitoring Report	Fred Bergdolt	360/570-6648	10/31/13	Date
S7	C.3	Monitoring	Not Completed	Conduct seasonal first flush toxicity and chemical analysis from 3 untreated hwy. runoff and BMP effluent locations a least once per the 2012 monitoring year per the criteria and methods specified in the permit	Fred Bergdolt	360/570-6648	2011 August or September	G20 Submitted
S7	C.3	Monitoring	Not Completed	Conduct seasonal first flush toxicity and chemical analysis from 3 untreated hwy. runoff and BMP effluent locations a least once per the 2013 monitoring year per the criteria and methods specified in the permit	Fred Bergdolt	360/570-6648	2012 August or September	Date
S7	C.3	Monitoring	Not Completed	Conduct seasonal first flush toxicity and chemical analysis from 3 untreated hwy. runoff and BMP effluent locations a least once per the 2014 monitoring year per the criteria and methods specified in the permit	Fred Bergdolt	360/570-6648	2013 August or September	Date
S7	C.7	Monitoring	When Triggered	Conduct follow-up actions prescribed in the permit if the EC50 from any valid and non-anomalous test is 100% stormwater or less (i.e., prepare study design, TI/RE, identify further investigations, etc.)	Fred Bergdolt	360/570-6648	When triggered by an event	When Triggered
S7	C.8	Monitoring	Not Completed	Report the toxicity and chemical analysis data collected between October 1, 2011 and September 30, 2012 in the Annual Stormwater Monitoring Report	Fred Bergdolt	360/570-6648	10/31/13	Date
S7	D.1	Monitoring	Ongoing	Obtain baseline stormwater discharge WQ data at 2 high-use rest areas, 6 maintenance facilities, and 1 high-use ferry terminal per the criteria, parameters, and methods specified in the permit	Fred Bergdolt	360/570-6648	9/6/11	Ongoing Task
S7	D.5	Monitoring	Not Completed	Report the baseline rest areas, maintenance facilities, and ferry terminal monitoring data collected between October 1, 2011 and September 30, 2012 in the Annual Stormwater Monitoring Report	Fred Bergdolt	360/570-6648	10/31/13	Date
S7	E.2	Monitoring	Ongoing	Monitor at least two treatment BMPs at no less than two sites per BMP per the criteria, parameters, and methods specified in the permit	Fred Bergdolt	360/570-6648	9/6/11	Ongoing Task
S7	E.2.d.	Monitoring	Ongoing	Monitor at least one flow reduction strategy BMP (at one site) per the criteria, parameters, and methods specified in the permit	Fred Bergdolt	360/570-6648	9/6/11	Ongoing Task
S7	E.7	Monitoring	Not Completed	Report the BMP effectiveness monitoring data collected between October 1, 2011 and September 30, 2012 in the Annual Stormwater Monitoring Report	Fred Bergdolt	360/570-6648	10/31/13	Date

S7	E.8.a.	Monitoring	Not Completed	Beginning with the 2012 monitoring annual report, include the status of implementing the monitoring program and a description of stormwater treatment and hydrologic management BMP evaluations	Fred Bergdolt	360/570-6648	10/31/13	Date
S7	E.8.b.	Monitoring	Not Completed	Beginning with the 2012 monitoring annual report, compute and include cumulative performance data for each treatment BMP test site and for both sites of the same treatment BMP type	Fred Bergdolt	360/570-6648	10/31/13	Date
S7	E.8.c.	Monitoring	Not Completed	Beginning with the 2012 monitoring annual report, include status of cumulative performance data in terms of statistical goals for each test site and for both test sites of the same treatment BMP type	Fred Bergdolt	360/570-6648	10/31/13	Date
S7	E.8.d.	Monitoring	Not Completed	Beginning with the 2012 monitoring annual report, include status of performance data concerning flow reduction performance for the hydrologic reduction BMP	Fred Bergdolt	360/570-6648	10/31/13	Date
S7	E.8.e.	Monitoring	Not Completed	Beginning with the 2012 monitoring annual report, include any proposed changes to the monitoring program that could affect future data results	Fred Bergdolt	360/570-6648	10/31/13	Date
S7	E.9	Monitoring	Not Completed	Submit a final report on each BMP monitored, including an analysis of the performance data collected on the BMPs as described in the appropriate sections of Ecology's TAPE	Fred Bergdolt	360/570-6648	Upon meeting statistical goals	Date
S7	F.1.a	Monitoring	Completed	Prepare and submit Assurance Project Plans (QAPP) for baseline monitoring of highways	Fred Bergdolt	360/570-6648	9/6/10	9/2/10
S7	F.1.b	Monitoring	Completed	Prepare and submit QAPP for annual first flush toxicity testing (including preliminary TI/RE)	Fred Bergdolt	360/570-6648	9/6/10	9/2/10
S7	F.1.c	Monitoring	Completed	Prepare and submit QAPP for baseline monitoring of rest areas, maintenance facilities, and ferry terminal	Fred Bergdolt	360/570-6648	9/6/10	9/2/10
S7	F.1.d	Monitoring	Completed	Prepare and submit QAPP for monitoring effectiveness of stormwater treatment and hydrologic management BMPs	Fred Bergdolt	360/570-6648	9/6/10	9/2/10
S7	F.3	Monitoring	Completed	Obtain Ecology approval for the baseline monitoring of highways QAPPs prior to implementation	Fred Bergdolt	360/570-6648	3/14/11	9/16/11
S7	F.3	Monitoring	Completed	Obtain Ecology approval for the annual first flush toxicity QAPPs prior to implementation	Fred Bergdolt	360/570-6648	3/14/11 (Hwy) 4/4/11 (BMPs)	9/16/11
S7	F.3	Monitoring	Completed	Obtain Ecology approval for the baseline monitoring of rest areas, maintenance facilities, and ferry terminal QAPPs prior to implementation	Fred Bergdolt	360/570-6648	3/14/11	9/16/11
S7	F.3	Monitoring	Completed	Obtain Ecology approval for effectiveness monitoring of stormwater treatment and hydrologic management BMP QAPPs prior to implementation	Fred Bergdolt	360/570-6648	4/4/11	9/16/11
S7	G.1.a	Monitoring	Completed	Submit a statement to Ecology explaining commitment, if WSDOT intends to meet all or part of the monitoring requirements through a collaborative process	Fred Bergdolt	360/570-6648	9/6/09	9/2/09
S7	G.1.d	Monitoring	Not Completed	Begin full implementation of the monitoring program	Fred Bergdolt	360/570-6648	9/6/11	G20 Submitted
S8	A, B, & E	Reporting	Completed	Submit two printed copies and an electronic (PDF) copy of the SWMP Progress Report to Ecology for the period from 3/6/09 to 6/30/10 providing the information called for in S8.E	Sheena Pietzold	360/570-6644	10/31/10	10/27/10
S8	A, B, & E	Reporting	Completed	Submit two printed copies and an electronic (PDF) copy of the SWMP Progress Report to Ecology for the period from 7/1/10 to 6/30/11 providing the information called for in S8.E	Sheena Pietzold	360/570-6644	10/31/11	10/25/11
S8	A, B, & E	Reporting	Not Completed	Submit two printed copies and an electronic (PDF) copy of the SWMP Progress Report to Ecology for the period from 7/1/11 to 6/30/12 providing the information called for in S8.E	Sheena Pietzold	360/570-6644	10/31/12	Date
S8	A, B, & E	Reporting	Not Completed	Submit two printed copies and an electronic (PDF) copy of the SWMP Progress Report to Ecology for the period from 7/1/12 to 6/30/13 providing the information called for in S8.E	Sheena Pietzold	360/570-6644	10/31/13	Date

S8	8.C & D	Reporting	Ongoing	Keep all records related to the permit until three years after the permit is no longer in effect and make all records available to the public upon request	All Responsible Parties	Multiple	Ongoing	Ongoing Task
S8	E.2	Reporting	Completed	Provide a summary of any actions taken pursuant to S4.F for the period 3/6/09 to 6/30/10 in the annual SWMP progress report	Larry Schaffner	360/570-6657	10/31/10	10/27/10
S8	E.2	Reporting	Completed	Provide a summary of any actions taken pursuant to S4.F for the period 7/1/10 to 6/30/11 in the annual SWMP progress report	Larry Schaffner	360/570-6657	10/31/11	10/25/11
S8	E.2	Reporting	Not Completed	Provide a summary of any actions taken pursuant to S4.F for the period 7/1/11 to 6/30/12 in the annual SWMP progress report	Larry Schaffner	360/570-6657	10/31/12	Date
S8	E.2	Reporting	Not Completed	Provide a summary of any actions taken pursuant to S4.F for the period 7/1/13 to 6/30/13 in the annual SWMP progress report	Larry Schaffner	360/570-6657	10/31/13	Date
S8	E.3	Reporting	Completed	Identify barriers to implementation of LID and, in each annual report, identify actions taken to remove barriers identified and report progress on LID feasibility	Larry Schaffner Mark Maurer	360/570-6657 360/705-7260	10/31/10	10/27/10
S8	E.3	Reporting	Completed	Identify barriers to implementation of LID and, in each annual report, identify actions taken to remove barriers identified and report progress on LID feasibility	Larry Schaffner Mark Maurer	360/570-6657 360/705-7260	10/31/11	10/25/11
S8	E.3	Reporting	Not Completed	Identify barriers to implementation of LID and, in each annual report, identify actions taken to remove barriers identified and report progress on LID feasibility	Larry Schaffner Mark Maurer	360/570-6657 360/705-7260	10/31/12	Date
S8	E.3	Reporting	Not Completed	Identify barriers to implementation of LID and, in each annual report, identify actions taken to remove barriers identified and report progress on LID feasibility	Larry Schaffner Mark Maurer	360/570-6657 360/705-7260	10/31/13	Date
S8	E.4	Reporting	Completed	Provide a summary of the status of any TMDL implementation requirements and any associated monitoring as required by S6.B, including TMDLs WSDOT are involved with developing in the annual SWMP progress report	Jana Ratcliff	360/570-6649	10/31/10	10/27/10
S8	E.4	Reporting	Completed	Provide a summary of the status of any TMDL implementation requirements and any associated monitoring as required by S6.B, including TMDLs WSDOT are involved with developing in the annual SWMP progress report	Jana Ratcliff	360/570-6649	10/31/11	10/25/11
S8	E.4	Reporting	Not Completed	Provide a summary of the status of any TMDL implementation requirements and any associated monitoring as required by S6.B, including TMDLs WSDOT are involved with developing in the annual SWMP progress report	Jana Ratcliff	360/570-6649	10/31/12	Date
S8	E.4	Reporting	Not Completed	Provide a summary of the status of any TMDL implementation requirements and any associated monitoring as required by S6.B, including TMDLs WSDOT are involved with developing in the annual SWMP progress report	Jana Ratcliff	360/570-6649	10/31/13	Date
S8	E.5	Reporting	Completed	If WSDOT relies on another governmental entity to satisfy any of the obligations under this permit, provide the name of any other entity and a description of the permit requirements performed by the other entity in the annual SWMP progress report	Larry Schaffner	360/570-6657	10/31/10	10/27/10
S8	E.5	Reporting	Completed	If WSDOT relies on another governmental entity to satisfy any of the obligations under this permit, provide the name of any other entity and a description of the permit requirements performed by the other entity in the annual SWMP progress report	Larry Schaffner	360/570-6657	10/31/11	10/25/11
S8	E.5	Reporting	Not Completed	If WSDOT relies on another governmental entity to satisfy any of the obligations under this permit, provide the name of any other entity and a description of the permit requirements performed by the other entity in the annual SWMP progress report	Larry Schaffner	360/570-6657	10/31/12	Date
S8	E.5	Reporting	Not Completed	If WSDOT relies on another governmental entity to satisfy any of the obligations under this permit, provide the name of any other entity and a description of the permit requirements performed by the other entity in the annual SWMP progress report	Larry Schaffner	360/570-6657	10/31/13	Date

S8	E.6	Reporting	Completed	Include those portions of its annual budget request to the legislature needed to comply with the permit in the annual SWMP progress report	Dick Gersib Norm Payton Kojo Fordjour Sheila Helgath	360/570-6637 360/705-7848 206/515-3650 206/515-3911	10/31/10	10/27/10
S8	E.6	Reporting	Completed	Include those portions of its annual budget request to the legislature needed to comply with the permit in the annual SWMP progress report	Dick Gersib Norm Payton Kojo Fordjour Sheila Helgath	360/570-6637 360/705-7848 206/515-3650 206/515-3911	10/31/11	10/25/11
S8	E.6	Reporting	Not Completed	Include those portions of its annual budget request to the legislature needed to comply with the permit in the annual SWMP progress report	Dick Gersib Norm Payton Kojo Fordjour Sheila Helgath	360/570-6637 360/705-7848 206/515-3650 206/515-3911	10/31/12	Date
S8	E.6	Reporting	Not Completed	Include those portions of its annual budget request to the legislature needed to comply with the permit in the annual SWMP progress report	Dick Gersib Norm Payton Kojo Fordjour Sheila Helgath	360/570-6637 360/705-7848 206/515-3650 206/515-3911	10/31/13	Date
S8	E.8	Reporting	Completed	Include in a detailed accounting of all retrofitting work carried out under the permit for the period 3/6/09 to 6/30/10 in the annual SWMP progress report	Mark Maurer	360/705-7260	10/31/10	10/27/10
S8	E.8	Reporting	Completed	Include in a detailed accounting of all retrofitting work carried out under the permit for the period 7/1/10 to 6/30/11 in the annual SWMP progress report	Mark Maurer	360/705-7260	10/31/11	10/25/11
S8	E.8	Reporting	Not Completed	Include in a detailed accounting of all retrofitting work carried out under the permit for the period 7/1/11 to 6/30/12 in the annual SWMP progress report	Mark Maurer	360/705-7260	10/31/12	Date
S8	E.8	Reporting	Not Completed	Include in a detailed accounting of all retrofitting work carried out under the permit for the period 7/1/12 to 6/30/13 in the annual SWMP progress report	Mark Maurer	360/705-7260	10/31/13	Date
S8	E.8	Reporting	Completed	Include in the amount of money, if any, transferred to fund stand-alone retrofit projects for the period 3/6/09 to 6/30/10 in the annual SWMP progress report	Pat Morin	360/705-7141	10/31/10	10/27/10
S8	E.8	Reporting	Completed	Include in the amount of money, if any, transferred to fund stand-alone retrofit projects for the period 7/1/10 to 6/30/11 in the annual SWMP progress report	Pat Morin	360/705-7141	10/31/11	10/25/11
S8	E.8	Reporting	Not Completed	Include in the amount of money, if any, transferred to fund stand-alone retrofit projects for the period 7/1/11 to 6/30/12 in the annual SWMP progress report	Pat Morin	360/705-7141	10/31/12	Date
S8	E.8	Reporting	Not Completed	Include in the amount of money, if any, transferred to fund stand-alone retrofit projects for the period 7/1/12 to 6/30/13 in the annual SWMP progress report	Pat Morin	360/705-7141	10/31/13	Date
S8	E.9	Reporting	Completed	For the period 5/5/10 to 6/30/10, include in the annual SWMP progress report a list of all projects adding new impervious surface and exceed required SW management thresholds, including a description of the BMPs employed at each project	Mark Maurer	360/705-7260	10/31/10	10/27/10
S8	E.9	Reporting	Completed	For the period 7/1/10 to 6/30/11, include in the annual SWMP progress report a list of all projects adding new impervious surface and exceed required SW management thresholds, including a description of the BMPs employed at each project	Mark Maurer	360/705-7260	10/31/11	10/25/11
S8	E.9	Reporting	Not Completed	For the period 7/1/11 to 6/30/12, include in the annual SWMP progress report a list of all projects adding new impervious surface and exceed required SW management thresholds, including a description of the BMPs employed at each project	Mark Maurer	360/705-7260	10/31/12	Date

S8	E.9	Reporting	Not Completed	For the period 7/1/12 to 6/30/13, include in the annual SWMP progress report a list of all projects adding new impervious surface and exceed required SW management thresholds, including a description of the BMPs employed at each project	Mark Maurer	360/705-7260	10/31/13	Date
S8	F	Reporting	Completed	Prepare an submit a status report (in both paper and electronic format) to Ecology on the preparation to meet the requirements in S7.A through S7.E for the period 3/6/09 to 6/30/10	Fred Bergdolt	360/570-6648	10/31/10	10/27/10
S8	F	Reporting	Completed	Prepare an submit a status report (in both paper and electronic format) to Ecology on the preparation to meet the requirements in S7.A through S7.E for the period 7/1/10 to 6/30/11	Fred Bergdolt	360/570-6648	10/31/11	10/25/11
S8	F	Reporting	Not Completed	Prepare an submit a status report (in both paper and electronic format) to Ecology on the preparation to meet the requirements in S7.A through S7.E for the period 7/1/11 to 6/30/12	Fred Bergdolt	360/570-6648	10/31/12	Date
S8	F	Reporting	Not Completed	Prepare and submit a detailed report (in both paper and electronic format) to Ecology for S7.B.8, S7.C.8, S7.D.5, and S7.E.8 on data collected between October 1, 2011 and September 30, 2012	Fred Bergdolt	360/570-6648	10/31/13	Date
S8	F.2	Reporting	Not Completed	Prepare and submit a Final Water Quality Monitoring Report to Ecology containing all the information called for in S8.F2	Fred Bergdolt	360/570-6648	Month before permit expires	Date
G2		Proper Operation & Maintenance	Ongoing	Properly operate and maintain all facilities and systems of collection, treatment, and control (and related appurtenances) installed or used for pollution control to achieve permit compliance	Norm Payton	360/705-7848	Ongoing	Ongoing Task
G3		Notification of Spill	When Triggered	Spill notification when WSDOT has knowledge of a spill into a municipal storm sewer which could constitute a threat to human health, welfare, or the environment	Cory Simon	360/570-2589	When triggered by an event	When Triggered
G3		Notification of Spill	When Triggered	Take appropriate action to correct or minimize the threat to human health, welfare and/or the environment	Chris Gustafson & Reg. IDDE Coords.	360/570-6650	When triggered by an event	When Triggered
G3		Notification of Spill	When Triggered	Notify Ecology regional office and other appropriate spill response authorities immediately, but no later than 24 hours	Chris Gustafson & Reg. IDDE Coords.	360/570-6650	When triggered by an event	When Triggered
G3		Notification of Spill	When Triggered	For spills which might cause bacterial shellfish contamination, report immediately to Ecology and the Department of Health, Shellfish Program	Chris Gustafson & Reg. IDDE Coords.	360/570-6650	When triggered by an event	When Triggered
G9	G9.A	Monitoring	Ongoing	Samples and measurements taken to meet permit requirements are representative of the volume and nature of the monitored discharge	Fred Bergdolt	360/570-6648	9/6/11	Ongoing Task
G9	G9.B	Monitoring	Ongoing	Retain all monitoring records, including calibration and maintenance records and original recordings for continuous monitoring instrumentation, copies of required reports and data records	Fred Bergdolt	360/570-6648	9/6/11	Ongoing Task
G9	G9.C	Monitoring	Ongoing	Record all the information specified in G9.C for each measurement and sample taken	Fred Bergdolt	360/570-6648	9/6/11	Ongoing Task
G9	G9.D	Monitoring	Ongoing	Sampling and analytical methods conform to Guidelines Establishing Test Procedures for the Analysis of Pollutants unless otherwise specified in permit or approved in writing by Ecology	Fred Bergdolt	360/570-6648	9/6/11	Ongoing Task
G9	G9.E	Monitoring	Ongoing	Ensure all monitoring data, except for flow, temp., conductivity, pH, total residual chlorine, and other approved exceptions are prepared by a registered or accredited lab (Chapter 173-50 WAC)	Fred Bergdolt	360/570-6648	9/6/11	Ongoing Task

G9	G9.F	Monitoring	Completed	Flow measurement devices and methods are consistent with accepted scientific practices to ensure the accuracy and reliability of measurements of the volume of monitored discharges	Fred Bergdolt	360/570-6648	9/6/11	9/6/2011
G9	G9.F	Monitoring	Ongoing	Flow measurement devices are installed, calibrated, and maintained to ensure that the accuracy of the measurements is consistent with the accepted industry standard for that type of device	Fred Bergdolt	360/570-6648	9/6/11	Ongoing Task
G9	G9.F	Monitoring	Ongoing	Conform to the manufacturer's recommendations for calibration frequencies for flow measurement devices, or at a minimum frequency of at least one calibration per year	Fred Bergdolt	360/570-6648	9/6/11	Ongoing Task
G9	G9.F	Monitoring	Ongoing	Retain flow measurement device calibration records	Fred Bergdolt	360/570-6648	9/6/11	Ongoing Task
G18	G18	Duty to Reapply	Not Completed	Apply for permit renewal	Larry Schaffner	360/570-6657	9/7/13	Date
G19	G19	Certification and Signature	When Triggered	Sign and certify all applications, reports, or information submitted to Ecology	Megan White	360/705-7480	When triggered by an event	When Triggered
G19	G19.A	Certification and Signature	When Triggered	All reports required by the permit and other information requested by Ecology are signed by the Secretary of Transportation or by a authorized representative	Megan White	360/705-7480	When triggered by an event	When Triggered
G20	G20	Non-Compliance Notification	When Triggered	Notify Ecology of the failure to comply with the permit and take appropriate action to stop or correct the condition of noncompliance. Notification must include information called for in G20	Megan White	360/705-7480	30 days after awareness	When Triggered
G20	G20	Non-Compliance Notification	Completed	S6. TMDL compliance issues	Ken Stone Jana Ratcliff	360/570-6642 360/570-6649	1/31/09	2/5/2010

Exhibit 4
WSDOT Storm Drain System Inspection Questions

Inspection Questions for Stormwater Treatment and Flow Control BMPs

Detention Ponds

Is there an excess amount of Litter? Yes/No

Are noxious or nuisance weeds present? Yes/No

Are gas/oil or other pollutants present? Gas/Oil/Other/No

Does this pond have a berm? Yes/No

Does the berm show signs of erosion? Yes/No

Are rodent holes evident in the pond berm? Yes/No

Has any part of this pond settled? Yes/No

Does tree growth interfere with operations of the pond? Yes/No (Help text for this question "Check all berms, spillways, access roads, inlets and outlets")

Are there 2 layers of rock present at the emergency spillway? Yes/No

Is the inlet or outlet pipe clogged? Inlet/Outlet/Both/No

Is the liner visible? Yes/No

Is this facility showing signs of erosion or scouring? Yes/No

Is there potential for continued erosion and scour? Yes/No

Are there any Beaver dams? Yes/No

Bioinfiltration Ponds and Basins

Is there an excess amount of Litter? Yes/No

Are noxious or nuisance weeds present? Yes/No

Are gas/oil or other pollutants present? Gas/Oil/Other/No

Does this pond have a berm? Yes/No

Is the berm dividing cells level? Yes/No

Are rodent holes evident in the pond berm? Yes/No

Is this facility showing signs of erosion or scouring? Yes/No

Is there potential for continued erosion and scour? Yes/No

Is there a berm? Yes/No

Is water flow evident through pond berm? Yes/No

Are there 2 layers of rock present at the emergency spillway? Yes/No

Does little or no water flow through rock filters during rainstorms? Yes/No

Does tree growth interfere with operations of the pond? Yes/No (Help text for this question "Check all berms, spillways, access roads, inlets and outlets")

Is sediment accumulation greater than 6 inches? Yes/No

Is the inlet or outlet pipe clogged? Inlet/Outlet/Both/No

Is standing water still present in the infiltration pond 3 days after the last rain event? Yes/No

Wet Pond and Constructed Wetlands

Is there an excess amount of Litter? Yes/No

Is the first cell empty of water, or does not hold water? Yes/No/Does Not

Are noxious or nuisance weeds present? Yes/No

Are gas/oil or other pollutants present? Gas/Oil/Other/No

Are rodent holes evident in the pond berm? Yes/No

Has any part of this pond settled? Yes/No

Is there a berm? Yes/No

Does the berm show signs of erosion? Yes/No

Is this facility showing signs of erosion or scouring? Yes/No

Is there potential for continued erosion and scour? Yes/No

Does tree growth interfere with operations of the pond? Yes/No (Help text for this question "Check all berms, spillways, access roads, inlets and outlets")

Is the inlet or outlet pipe clogged? Inlet/Outlet/Both/No

Is sediment accumulation greater than 6 inches? Yes/No

Add for Wetlands only

Is vegetation healthy and growing? Yes/No

Is there evidence of invasive species? Yes /No

Has sediment accumulation reduced pool volume? Yes/No

Infiltration Trenches

Are noxious or nuisance weeds present? Yes/No

Does tree growth interfere with operations of the pond? Yes/No (Help text for this question “Check access roads, inlets and outlets”)

Is the inlet or outlet pipe clogged? Inlet/Outlet/Both/No

Is this facility showing signs of erosion or scouring? Yes/No

Is there potential for continued erosion and scour? Yes/No

Are gas/oil or other pollutants present? Gas/Oil/Other/No

Is the flow spreader uneven or clogged? Yes/No

Is there an excess amount of Litter? Yes/No

Is there evidence of sediment in the trench? Yes/No

Does the sediment trap have greater than 50% of storage volume remaining? Yes/No

Closed Treatment Systems (Tanks/Vaults) Inspection

Are there any blocked or damaged vents? Yes/No

Does sediment depth exceed requirements for the storage area of vaults/tanks? Yes/No (Help text for this question “Sediment not to exceed 10% of ½ the storage vault”)

Is the pipe properly grouted and secure? Yes/No

Are cracks present and is there evidence of soil entering the structure? Yes/No

Is the feature structurally sound? Yes/No

Is any part of the tank/pipe bent out of shape? Yes/No

Is the cover missing or damaged? Yes/No

Is the ladder safe? Yes/No/NA

Control Structure/Flow Restrictor Inspection

Does sediment/trash/debris exceed 25% of the sump? Yes/No

Are gas/oil or other pollutants present? Gas/Oil/Other/No

Is structure securely attached to manhole wall? Yes/No

Is structure in an upright position and is plumb? Yes/No

Are connections to outlet pipe watertight and show no signs of rust? Yes/No

Are holes, other than designed holes, observed in the structure? Yes/No

Is cleanout gate missing or damaged? Yes/No

Can the cleanout gate be moved up and down by one maintenance person? Yes/No

Does the cleanout gate have rust over 50% of its surface area? Yes/No

Is the orifice plate not working properly? Yes/No

Is trash/debris/sediment/vegetation blocking the orifice plate? Yes/No

Is trash/debris/vegetation in the control device? Yes/No

Is the cover missing or damaged? Yes/No

Is the feature structurally sound? Yes/No

Is the pipe properly grouted and secure? Yes/No

Has the structure settled creating a safety/function problem? Yes/No

Debris Barrier/Trash Rack Inspection

Does trash or debris plug more than 20% of the opening in the barrier? Yes/No

Are bars bent out of shape? Yes/No

Are bars or entire barrier missing? Yes/No

Is barrier attached to pipe? Yes/No

Are bars loose? Yes/No

Is rust causing over 50% deterioration to any part of barrier? Yes/No

Energy Dissipaters Inspection

External:

Are there at least 2 layers of rock above soil?

Does accumulated sediment exceed 20% of the depth of the dispersion trench? Yes/No

Does water sheetflow along trench? Yes/No

Are 50% of the pipe perforations plugged? Yes/No

During a storm event does water flow out of the top of the distributor? Yes/No

Is water likely to cause damage? Yes/No

Internal:

Has the structure dissipating flow deteriorated, making the structure unsound? Yes/No

Does the top slab have holes/cracks greater than 2 square inches? Yes/No

Is the frame flush on the riser and/or no firmly attached? Yes/No

Is the feature structurally sound? Yes/No

Is the pipe properly grouted and secure? Yes/No

Has the structure settled creating a safety/function problem? Yes/No

Are gas/oil or other pollutants present? Gas/Oil/Other/No

Is the cover missing or damaged? Yes/No

Biofiltration Swale

Does sediment depth exceed 2 inches? Yes/No

Does sediment depth create uneven sheet flow? Yes/No

Does water stand in swale between storms? Yes/No

Is the flow spreader uneven or clogged? Yes/No

Have areas eroded or scoured? Yes/No

Does a small quantity of water continually flow through the swale? Yes/No

Is grass sparse or bare? Yes/No

Is grass greater than 10 inches? Yes/No

Is noxious or nuisance vegetation present? Yes/No

Is the inlet/outlet pipe clogged? Yes/No

Have trash and debris accumulated on the facility? Yes/No

Are gas/oil or other pollutants present? Gas/Oil/Other/No

Add for wet swales only:

Is water retained to a depth of about 4 inches during the wet season? Yes/No

Is wet land plant growth poor due to crowding by cat tails? Yes/No

Vegetated Filter Strip

Does sediment depth exceed 2 inches? Yes/No

Does sediment depth create uneven sheet flow? Yes/No

Is the flow spreader uneven or clogged? Yes/No

Have areas eroded or scoured? Yes/No

Is grass sparse or bare? Yes/No

Is grass greater than 10 inches? Yes/No

Is noxious or nuisance vegetation present? Yes/No

Have trash and debris accumulated on the facility? Yes/No

Media Filter Drain

Does sediment depth exceed 2 inches? Yes/No

Does sediment depth create uneven sheet flow? Yes/No

Is grass sparse or bare? Yes/No

Is grass greater than 10 inches? Yes/No

Is noxious or nuisance vegetation present? Yes/No

Have trash and debris accumulated on the facility? Yes/No

Has water been seen on the surface of the media filter drain mix following a typical storm event? Yes/No

Natural and Engineered Dispersion Area

Does sediment depth exceed 2 inches? Yes/No

Does sediment depth create uneven sheet flow? Yes/No

Is there enough ground cover to support vegetation growth? Yes/No

Is noxious or nuisance vegetation present? Yes/No

Is the flow spreader uneven or clogged? Yes/No

Have areas eroded or scoured? Yes/No

Have trash and debris accumulated on the facility? Yes/No

Baffle Oil/Water Separators

Is the discharge from separator clear? Yes/No

Does the sediment depth exceed 6 inches in depth? Yes/No

Is trash and debris visible in vault? Yes/No

Does oil exceed 1 inch at the surface of the water? Yes/No

Is the pipe properly grouted and secure? Yes/No

Is the inlet or outlet pipe broken or in need of repair? Yes/No

Are cracks present and soil entering the structure? Yes/No

Is feature structurally sound? Yes/No

Are baffles showing signs of failure? Yes/No

Is the cover missing or damaged? Yes/No

Is the frame flush on riser and/or not firmly attached? Yes/No

Has the structure settled creating a safety/function problem? Yes/No

Is the ladder safe? Yes/No/NA

Coalescing Plate Oil/Water Separators

Is the discharge from separator clear? Yes/No

Does the sediment depth exceed 6 inches in depth? Yes/No

Is there sediment on the coalescing plates? Yes/No

Is trash and debris visible in vault? Yes/No

Does oil exceed 1 inch at the surface of the water? Yes/No

Is the pipe properly grouted and secure? Yes/No

Is the inlet or outlet pipe broken or in need of repair? Yes/No

Are cracks present and soil entering the structure? Yes/No

Is feature structurally sound? Yes/No

Are the coalescing plates showing signs of failure? Yes/No

Is the cover missing or damaged? Yes/No

Is the frame flush on riser and/or not firmly attached? Yes/No

Has the structure settled creating a safety/function problem? Yes/No

Is the ladder safe? Yes/No/NA

Sand Filter

Does sediment depth exceed ½ inch on grass layer? Yes/No

Have trash and debris accumulated on the facility? Yes/No

Are the clean-outs plugged with sediment and/or debris? Yes/No

Does it take longer than 24 hours for water to drain through the filter? Yes/No

Is the flow concentrated over one section of the sand filter? Yes/No

Is erosion on slopes greater than 2 inches deep? Yes/No

Is soil beneath the rock pad visible? Yes/No

Is the flow spreader uneven or clogged? Yes/No

Is any part of the pipe crushed or deformed? Yes/no

Exhibit 5
WSDOT IDDE Inventory - *IDDE Report,* rev. January 25, 2011

Illicit Discharge Detection and Elimination As Of 1/25/2011

Region	Discovery Date	IDDE Record Number	Issue Status	State Route	MilePost	Inside NPDES Area	Resolution Reason	Other Resolution Reason
Northwest	1/25/2011	NW_SR525_MP8.42_25Jan2011	Resolved	525	8.42	Yes	Discharge does not reach WSDOT Stormwater Conveyance System; Resolved during Jurisdiction Communications;	
Olympic	6/6/2011	OL_SR410_MP20.00_06Jun2011	Resolved	410	20	Yes	Permitted Discharge; Water Quality Conditions present in Permit; Resolved during Issue Verification processing;	
Northwest	8/22/2011	NW_SR009_MP1.61_22Aug2011	Resolved	009	1.61	Yes	Resolved during Landowner Communications; Other;	Talked with the the maneger of the coffee stand and they will no longer be duming any junk into the catch basin
Northwest	8/29/2011	NW_SR009_MP0.87_29Aug2011	Resolved	009	0.87	Yes	Exempt Water Source;	
Northwest	8/30/2011	NW_SR202_MP0.24_30Aug2011	Resolved	202	0.24	Yes	Other;	Within the city of Woodinville, they are in charge of this strech of SR 202
Northwest	8/30/2011	NW_SR202_MP0.24_30Aug2011_1	Resolved	202	0.24	Yes	Other;	This is within the city of Woodinville hence their permitting. I would also add that this appears to be city drainage connecting to our infrastructure. Not a WSDOT issue. DW
Northwest	8/30/2011	NW_SR202_MP0.22_30Aug2011	Resolved	202	0.22	Yes	Other;	City of Woodinville permitting, not WSDOT. Not an IDDE. DW
Northwest	8/30/2011	NW_SR202_MP0.22_30Aug2011_1	Resolved	202	0.22	Yes	Other;	City of Woodinville permitting, not WSDOT. Not an IDDE. DW
Northwest	8/30/2011	NW_SR202_MP0.22_30Aug2011_2	Resolved	202	0.22	Yes	Other;	City of Woodinville is permitting authority. Not an IDDE. DW
Northwest	8/30/2011	NW_SR202_MP0.21_30Aug2011	Resolved	202	0.21	Yes	Other;	City of Woodinville is permitting authority. Not WSDOT IDDE issue. DW
Southwest	12/7/2011	SW_SR411_MP3.80_07Dec2011	Resolved	411	3.8	Yes	Permitted Discharge; Water Quality Conditions present in Permit;	
Northwest	12/12/2011	NW_SR405_MP13.70_12Dec2011	Resolved	405	13.7	Yes	Illicit connection/Discharge was Removed/Cleaned up;	
Northwest	10/26/2011	NW_SR009_MP1.95_26Oct2011	Permit Specs Exceeded	009	1.95	Yes	Permitted Discharge; Water Quality Conditions present in Permit;	
Northwest	8/1/2011	NW_SR522_MP13.63_01Aug2011	No Utility Permit Exists	522	13.63	Yes		
Northwest	3/22/2011	NW_SR524_MP13.52_22Mar2011	No Utility Permit Exists	524	13.52	Yes		
Northwest	3/28/2011	NW_SR099_MP52.08_28Mar2011	No Utility Permit Exists	099	52.08	Yes		
Northwest	6/8/2011	NW_SR005_MP182.95_08Jun2011	No Landowner To Contact	005	182.95	Yes		
Northwest	3/16/2011	NW_SR005_MP183.94_16Mar2011	No Landowner To Contact	005	183.94	Yes		
Northwest	3/28/2011	NW_SR099_MP52.12_28Mar2011	No Landowner To Contact	099	52.12	Yes		
Northwest	3/8/2011	NW_SR099_MP52.26_08Mar2011	No Landowner To Contact	099	52.26	Yes		
Northwest	3/17/2011	NW_SR099_MP52.29_17Mar2011	No Landowner To Contact	099	52.29	Yes		
Northwest	2/9/2011	NW_SR524_MP6.04_09Feb2011	No Landowner To Contact	524	6.04	Yes		
Northwest	2/9/2011	NW_SR524_MP6.02_09Feb2011	No Landowner To Contact	524	6.02	Yes		
Northwest	3/16/2011	NW_SR524_MP5.99_16Mar2011	No Landowner To Contact	524	5.99	Yes		
Northwest	4/6/2011	NW_SR524_MP6.02_06Apr2011	No Landowner To Contact	524	6.02	Yes		
Northwest	3/16/2011	NW_SR525_MP0.74_16Mar2011	No Landowner To Contact	525	0.74	Yes		
Northwest	6/23/2011	NW_SR531_MP4.4_23Jun2011	Local Jurisdiction Contacted	531	4.4	Yes		
Olympic	11/22/2011	OL_SR410_MP15.95_22Nov2011	Local Jurisdiction Contacted	410	15.95	Yes		
Northwest	3/16/2011	NW_SR005_MP183.95_16Mar2011	Landowner Found	005	183.95	Yes		
Northwest	3/28/2011	NW_SR099_MP52.10_28Mar2011	Landowner Found	099	52.1	Yes		
Northwest	2/10/2011	NW_SR524_MP7.41_10Feb2011	Landowner Found	524	7.41	Yes		
Olympic	7/21/2011	OL_SR099_MP1.42_21Jul2011	Landowner Failed to Resolve	099	1.42	Yes		
Northwest	3/16/2011	OL_SR524_MP5.98_16Mar2011	Initial Survey Received	524	5.98	Yes	Reassessed as Licit; Resolved during Issue Verification processing;	
Northwest	12/21/2011	NW_SR009_MP17.9_21Dec2011	Initial Survey Received	009	17.9	Yes		
Northwest	8/22/2011	NW_SR009_MP2.26_22Aug2011	IDDE Issue Verified	009	2.26	Yes		
Northwest	8/22/2011	NW_SR009_MP2.24_22Aug2011	IDDE Issue Verified	009	2.24	Yes		
Northwest	8/30/2011	NW_SR009_MP0.17_30Aug2011	IDDE Issue Verified	009	0.17	Yes		
Northwest	8/30/2011	NW_SR009_MP0.40_30Aug2011	IDDE Issue Verified	009	0.4	Yes		
Northwest	8/29/2011	NW_SR009_MP0.61_29Aug2011	IDDE Issue Verified	009	0.61	Yes		
Northwest	8/22/2011	NW_SR009_MP1.97_22Aug2011	IDDE Issue Verified	009	1.97	Yes		
Northwest	8/29/2011	NW_SR009_MP3.67_29Aug2011	IDDE Issue Verified	009	3.67	Yes		
Northwest	8/29/2011	NW_SR009_MP3.77_29Aug2011	IDDE Issue Verified	009	3.77	Yes		
Northwest	8/29/2011	NW_SR009_MP3.82_29Aug2011	IDDE Issue Verified	009	3.82	Yes		
Northwest	8/29/2011	NW_SR009_MP3.87_29Aug2011	IDDE Issue Verified	009	3.87	Yes		
Northwest	8/30/2011	NW_SR522_MP12.08_30Aug2011	IDDE Issue Verified	522	12.08	Yes		
Northwest	8/30/2011	NW_SR522_MP12.16_30Aug2011	IDDE Issue Verified	522	12.16	Yes		
Northwest	8/30/2011	NW_SR522_MP12.74_30Aug2011	IDDE Issue Verified	522	12.74	Yes		
Northwest	8/30/2011	NW_SR522_MP12.75_30Aug2011	IDDE Issue Verified	522	12.75	Yes		
Northwest	8/30/2011	NW_SR522_MP13.17_30Aug2011	IDDE Issue Verified	522	13.17	Yes		
Northwest	8/30/2011	NW_SR522_MP13.16_30Aug2011	IDDE Issue Verified	522	13.16	Yes		
Northwest	3/23/2011	NW_SR524_MP13.45_23Mar2011	IDDE Issue Verified	524	13.45	Yes		
Northwest	3/23/2011	NW_SR524_MP13.52_23Mar2011	IDDE Issue Verified	524	13.52	Yes		
Northwest	2/10/2011	NW_SR099_MP6.05_10Feb2011	IDDE Issue Verified	524	6.05	Yes		
Northwest	2/10/2011	NW_SR099_MP6.03_10Feb2011	IDDE Issue Verified	524	6.03	Yes		
Northwest	2/10/2011	NW_SR524_MP6.01_10Feb2011	IDDE Issue Verified	524	6.01	Yes		
Northwest	3/16/2011	NW_SR525_MP1.10_16Mar2011	IDDE Issue Verified	525	1.1	Yes		
Northwest	3/16/2011	NW_SR005_MP183.97_16Mar2011	IDDE Issue Verified	005	183.97	Yes		
Northwest	3/16/2011	NW_SR525_MP1.82_16Mar2011	IDDE Issue Verified	525	1.82	Yes		
Northwest	3/16/2011	NW_SR525_MP1.90_16Mar2011	IDDE Issue Verified	525	1.9	Yes		
Northwest	3/16/2011	NW_SR525_MP1.99_16Mar2011	IDDE Issue Verified	525	1.99	Yes		

Exhibit 6
WSDOT Guide for the *2011 IDDE Web Application*

Marlena Overton
1/31/12

2011

Illicit Discharge Detection and Elimination (IDDE) Web Application

WSDOT Environmental and Engineering Programs
Stormwater and Watersheds Program
Stormwater Feature Inventory Division

WSDOT

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1. Introduction

Illicit Discharge Detection Elimination (IDDE) Database/Application

Washington State Department of Transportation (WSDOT) is required to identify and eliminate illicit discharges and connections to prevent pollution of Washington State's water through development of the Illicit Discharge Detection and Elimination (IDDE) program. Any dumping or pumping of pollutants or polluted water into the drainage system belonging to WSDOT or any WSDOT property is considered an illicit discharge/connection. The IDDE program created the Illicit Discharge Detection and Elimination database and application to better track these issues as they are identified in the field and improve resolution efficiency. The IDDE database allows Field Staff, Region Contacts and Utility Engineers to coordinate more effectively throughout the state, rather than rely on paper records. More timely coordination allows WSDOT to find resolutions sooner and track a greater number of issues. Reporting features of the database allow the IDDE Program to describe performance at the region and state levels.

Benefits of IDDE Database

The IDDE application will benefit WSDOT by:

- Reducing the time needed to correct IDDE issues
- Providing a central storage location for IDDE issues
- Stream-lining the work flow process
- Providing a reporting and "look up" process

Purpose of this Guide

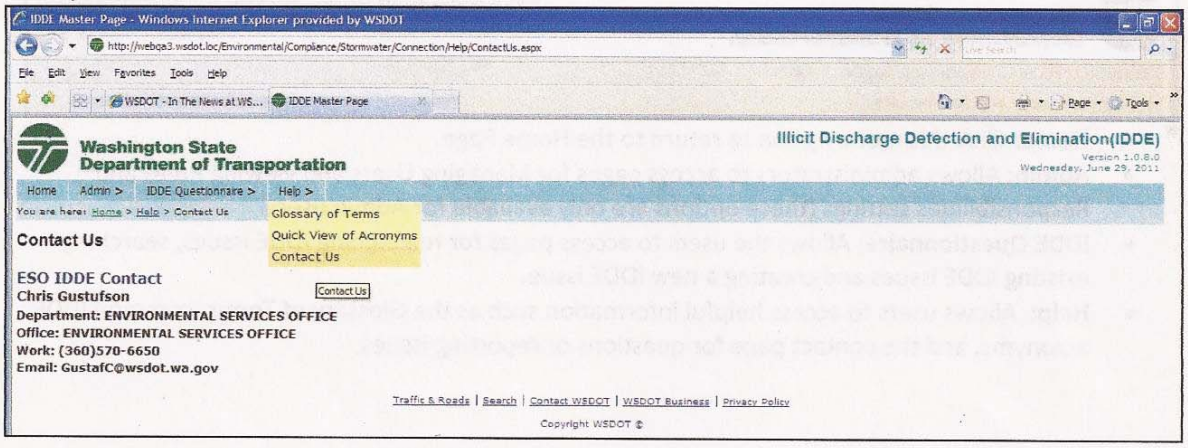
This guide describes in detail how to use the WSDOT IDDE application and database. These instructions assume a general familiarity with Microsoft software. Detailed instructions on how to use Windows Internet Explorer are outside the scope of the guide.

Opening the IDDE Application

To open the Application you will need internet access and click on the following link:
http://webprod4.wsdot.loc/Environmental/Compliance/Stormwater/Connection/Common/Default.aspx

If You Have Questions

If you have any question not answered by this document, the WSDOT Regional IDDE Contacts can answer those questions. Alternatively, you can contact the ESO IDDE contact (360)709-8058 at the Headquarters Environmental Services Office.



You will find updated contact information for the ESO IDDE contact in the "Help" tab under "Contact Us"

2. Getting Started

IDDE User Roles

The following roles are available to users of the IDDE application and are meant to reflect the real world job functions of its users.

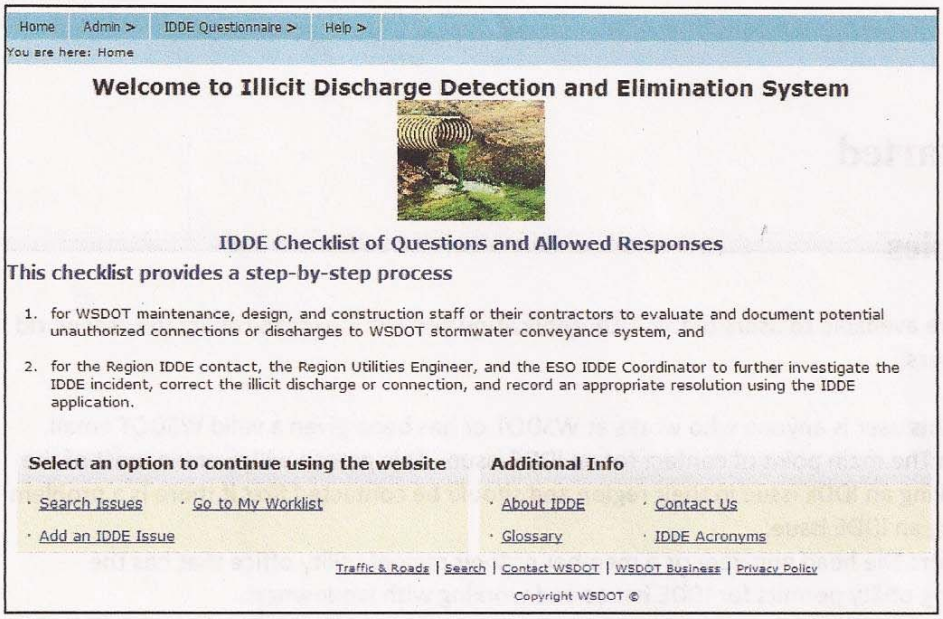
Anyone at WSDOT: This user is anyone who works at WSDOT or has been given a valid WSDOT email.
Region IDDE Contact: The main point of contact for an IDDE issue. This person will oversee most of the responsibility of handling an IDDE issue in their region and should be contacted first if there is a problem or questions regarding an IDDE issue.
Region Utility Engineer: The head engineer or a member of their regionl utility office that has the responsibility of issuing utility permits for IDDE issues and working with landowners.
ESO IDDE Contact: Works with the Department of Ecology to get issues resolved. The ESO contact can also fill in for any role when needed.
Admin: Administrators will be able to add and remove workflow users. The ESO contact can also perform any admin task.

Navigating the Database

Main Menu: The main menu can be accessed at any time at the top of any page in IDDE by hovering the mouse over the four menu choices; you can access the following additional dropdown menus:

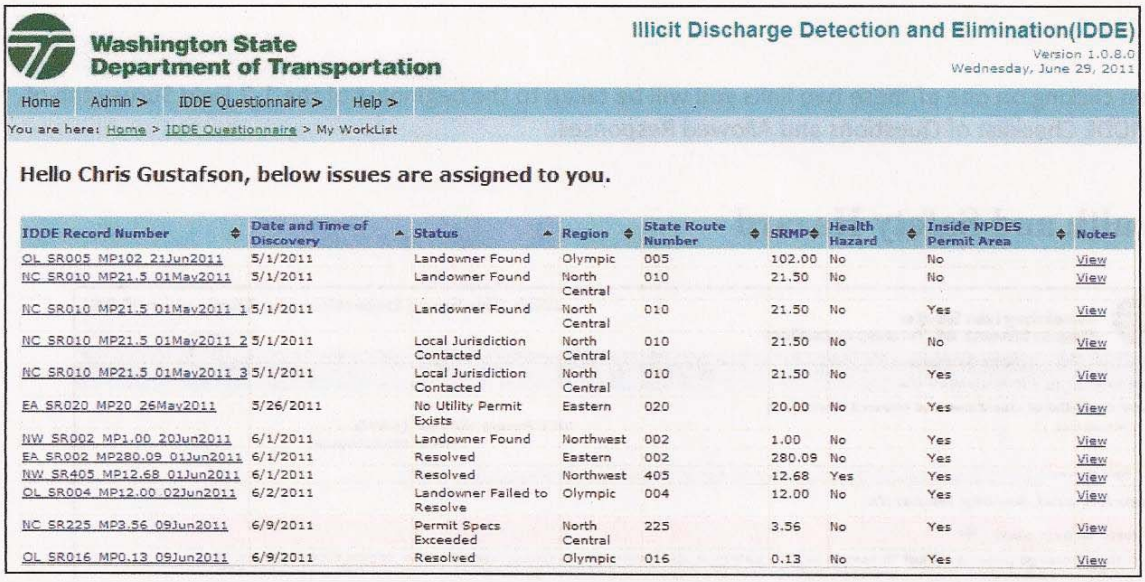
- **Home:** Click this menu option to return to the Home Page.
- **Admin:** Allows administrators to access pages for Managing Users and viewing Roles and Responsibilities settings (these options are only available for Admin users)
- **IDDE Questionnaire:** Allows the users to access pages for reassigning IDDE issues, searching existing IDDE issues and creating a new IDDE issue.
- **Help:** Allows users to access helpful information such as the Glossary of Terms, common IDDE acronyms, and the contact page for questions or reporting issues.

My Worklist



If you are an IDDE Region Contact, Utility Engineer or ESO IDDE Contact, you can click on the **Go to My Worklist** link from the home page. This will take you to any IDDE issues that need your attention and actions. My Worklist can also be accessed under the IDDE Questionnaire tab on the top of the screen.

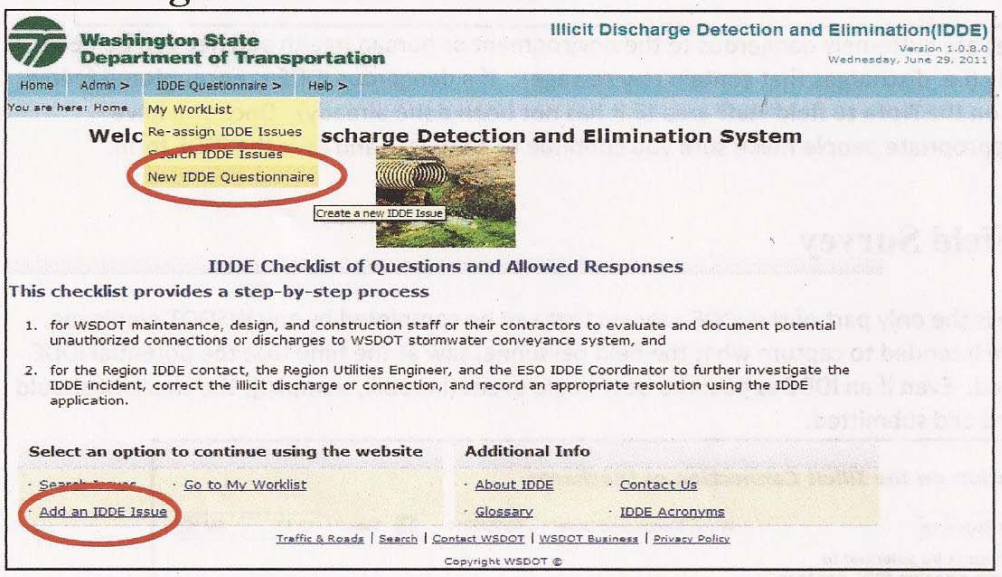
The work list is the best way to keep track of all issues assigned to you.



IDDE Record Number	Date and Time of Discovery	Status	Region	State Route Number	SRMP	Health Hazard	Inside NPDES Permit Area	Notes
OL SR005 MP102 21Jun2011	5/1/2011	Landowner Found	Olympic	005	102.00	No	No	View
NC SR010 MP21.5 01May2011	5/1/2011	Landowner Found	North Central	010	21.50	No	No	View
NC SR010 MP21.5 01May2011 1	5/1/2011	Landowner Found	North Central	010	21.50	No	Yes	View
NC SR010 MP21.5 01May2011 2	5/1/2011	Local Jurisdiction Contacted	North Central	010	21.50	No	No	View
NC SR010 MP21.5 01May2011 3	5/1/2011	Local Jurisdiction Contacted	North Central	010	21.50	No	Yes	View
EA SR020 MP20 26May2011	5/26/2011	No Utility Permit Exists	Eastern	020	20.00	No	Yes	View
NW SR002 MP1.00 20Jun2011	6/1/2011	Landowner Found	Northwest	002	1.00	No	Yes	View
EA SR002 MP280.09 01Jun2011	6/1/2011	Resolved	Eastern	002	280.09	No	Yes	View
NW SR405 MP12.68 01Jun2011	6/1/2011	Resolved	Northwest	405	12.68	Yes	Yes	View
OL SR004 MP12.00 02Jun2011	6/2/2011	Landowner Failed to Resolve	Olympic	004	12.00	No	Yes	View
NC SR225 MP3.56 09Jun2011	6/9/2011	Permit Specs Exceeded	North Central	225	3.56	No	Yes	View
OL SR016 MP0.13 09Jun2011	6/9/2011	Resolved	Olympic	016	0.13	No	Yes	View

If you would like to view the items on another user's worklist, this can be done in the Advanced Search option. Using the Assigned To field, select the name of the person whose worklist that you would like the view and select the Search button.

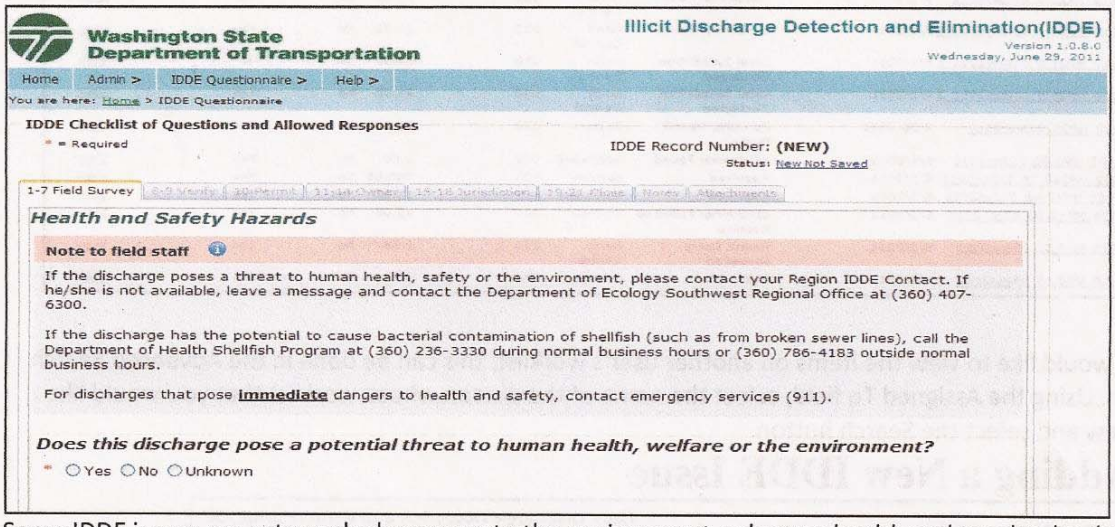
3. Adding a New IDDE Issue



New issues can be added in one of two ways: 1) by clicking on the **Add an IDDE Issue** link in the bottom left of the home page or 2) using the main menu at the top of the page under the **IDDE Questionnaire** section and selecting the **New IDDE Questionnaire** link.

Upon clicking on one of these two links you will be taken to the beginning of the 1-7 Field Survey tab of the IDDE Checklist of Questions and Allowed Responses.

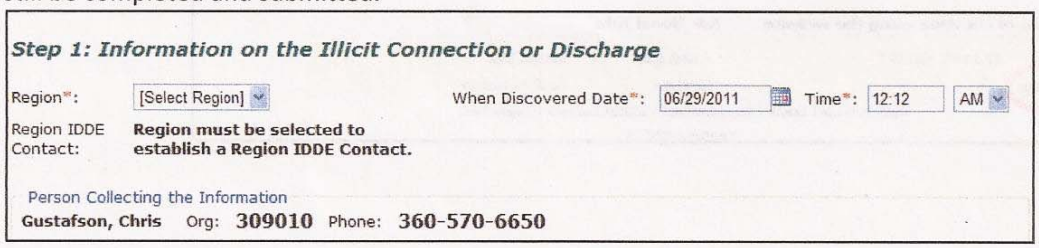
Health and Safety Hazard



Some IDDE issues are extremely dangerous to the environment or human health and need to be dealt with immediately (i.e. discharges that contain raw sewage). If a dangerous IDDE is encountered follow the instructions on the **Note to field staff** area (if it has not been done already). Once you have contacted the appropriate people make sure you continue to complete and save the IDDE form.

Steps 1-7 Field Survey

The Field Survey is the only part of the IDDE process that can be completed by any WSDOT employee. These 7 steps are intended to capture what the field personnel saw at the time that the potential IDDE issue is discovered. Even if an IDDE appears to be a single event (i.e. spill, dumping) the checklist should still be completed and submitted.



Step 1 - Basics: Basic information regarding the discovery of the potential IDDE including WSDOT Region and Discovery Date and Time. As soon as you choose the appropriate region the name of the correct Region IDDE Contact will be provided. This is the person who will be assigned the issue once the 1-7 Field Survey is completed and saved.

1-7 Field Survey | 8-9 Verify | 10 Permit | 11-14 Owner | 15-18 Jurisdiction | 19-21 Close | Notes | Attachments

Note to field staff

Step 2: Location of Illicit connection or discharge

Name of the County: Snohomish — Local Jurisdiction: Everett

Please select a location format ◉ State Route and Milepost ○ Latitude and Longitude ○ Location Narrative

State Route and Milepost

State Route: 005 — Milepost:

Related Route Type: Select an RRT — Related Route Qualifier:

Ahead/Back Indicator: Ahead

Offset Distance (feet): — Offset Direction:

Location Access:

Step 2 - Location: There are three location formats that can be chosen from: 1) **State Route and Milepost** 2) **Latitude and Longitude** and 3) **Location Narrative**. Choose the format that best suits the current IDDE situation. When using Latitude and Longitude make sure you coordinates are in decimal degrees. If the location is not on a State Route (maintenance building, administrative building) and a GPS is not available use the Location Narrative method. Please be as descript as possible, this may be the only way to navigate back to these issues.

Step 3: Is the connection or discharge one of the conditionally allowed ones listed below? If yes, check the appropriate box.

○ Yes ◉ No ○ Unknown

○ Discharge from emergency fire fighting activities	○ Diverted stream flows
○ Irrigation return flow	○ Rising groundwater
○ Uncontaminated groundwater infiltration	○ Uncontaminated pumped groundwater
○ Springs	○ Flows from riparian habitats and wetlands
○ Water line flushing	○ Foundation drains
○ Air conditioning condensation	○ Water from crawl space pumps
○ Footing drains	○ Discharges from potable waters sources
○ Discharges from lawn watering/other irrigation runoff	○ Street and sidewalk wash water used to control dust, and routine external building wash down that does not use detergent
○ Other	

Describe the connection if 'Other' is specified:

Step 3 - Type: Conditionally allowed discharges include any incoming water that has been specified as legal under certain conditions by the NPDES permit and department of Ecology. If you have any doubts

about a conditionally allowed connection select "Unknown" or call your region IDDE contact for clarification.

Step 4: Are there any indicators of pollutants in the discharge? If yes, check all that apply.

◉ Yes ○ No ○ Unknown

☑ Visible signs of staining, residues, or oily substances in the water or detained within ditches, channels, catch basins, or surrounding pavement and soils

☐ Pungent odors coming from the drainage system (e.g. discharge smells like sewage, sulfide, petroleum/gas, or rancid)

☐ Discoloration or oily substances in the water

☐ Abnormal water flow during the dry weather season

☐ Excessive sediment deposits or turbid water, particularly near active off-site construction sites

☐ Floatables (e.g. discharge includes sewage, an oil sheen, suds, garbage)

☐ Broken concrete or other disturbances at or near junction structures

☐ Trash/garbage carried from the connection to WSDOTs right-of-way

☐ Other

If 'Other' is selected, fill in the description:

Step 4 - Pollutants: Identifying any indicators of pollutants seen at the discharge/connection at the time of the initial discovery is crucial to the IDDE resolution process. In many cases, the pollutants found at the time of discovery will not be present when the IDDE contact returns to reassess the potential IDDE. Document any and all indicators of pollutants not represented in the choices by selecting 'Other' and using the text box at the bottom of Step 4.

Step 5: At the time of discovery, how was the water entering or connecting to WSDOT's stormwater conveyance system?

◉ No structures visible

○ Through a discharge from a manmade structure that is outside of WSDOT's right-of-way

○ Through a discharge from a manmade structure that is within WSDOT's right-of-way

○ Through a direct connection

Previous Next

Step 5 - Connection: Step five allows you to describe how the discharge/connection is entering WSDOT's property.

- **No Structure Visible:** Evidence of an illicit discharge is present (ex: stained concrete, odor, excessive water present, etc.) but you cannot identify any structure or any source.

- **Through a discharge from a manmade structure that is outside of WSDOT's right-of-way:** There is no physical connection to WSDOT's MS4. Instead, the discharge is flooding across the right-of-way and entering the MS4 without a constructed connection.

- **Through a discharge from a manmade structure that is within WSDOT's right-of-way:** There is no physical connection to WSDOT's MS4 but the source of the discharge is located on WSDOT's right-of-way. For example, a pipe comes across the right-of-way fence and discharges to WSDOT's property without physically connecting to the MS4.

- **Through a direct connection:** A physical constructed conveyance is used to move water and or pollutants to WSDOT's MS4 (i.e. ditch, pipe or other conveyance "Plugged In" to WSDOT's MS4).

Step 6: Characterize the flow and structure of the discharge or connection at the time of discovery:

a. What is the discharge structure?

◉ Pipe ○ Ditch ○ Other

Select the Pipe Type -

○ Concrete ◉ Plastic ○ Metal ○ Other

If other describe:

b. What is the approximate size of the pipe in inches?

Size of pipe (in inches): 12.00

c. What was the approximate flow at the time of discovery?

○ No Water present at time of discovery
○ Saturated soils to a trickle of water
○ Adequate flow to fill the structure ¼ full
○ Adequate flow to fill the structure ½ full
○ Adequate flow to fill the structure ¾ full
◉ Structure is full

Additional information, if known, on the nature and quantity of discharge

Step 6 - Structure/Flow: In order to ensure that Region IDDE Contacts and Utility Engineers are able to locate the potential IDDE and determine if a discharge/connection is a duplicate, precise measurements of the discharge/connection must be recorded. **Pipe** measurements are in inches, **Ditch** measurements are in feet. If you do not have a measuring device your best measurement estimation will be sufficient.

Step 7: Has the source of the potential illicit discharge or the potential illicit connection been identified ?

◉ Yes ○ No

Describe the potential source of the discharge or connection (Example: 24 inch pipe appears to drain from Bob's Auto Body Shop parking lot into WSDOT right-of-way)

*

Does this appear to be a single event ?

◉ Yes ○ No ○ Unknown

Step 7 - Source: Source information will be used by the Region IDDE Contact to identify and send the landowner letter. If you are unsure of the source, note that in the text box (i.e. **May** be coming from Bob's Auto Body Shop parking). Correct source information will ensure that the appropriate parties (business or resident) are contact.

4. Step 8-9 Verify the IDDE

This section will cover questions and responsibilities of the **Region IDDE Contact**.

1-7 Field Survey | 8-9 Verify | 10 Permit | 11-14 Owner | 15-18 Jurisdiction | 19-21 Close | Notes | Attachments

Step 8

Is the illicit discharge or connection inside the NPDES Permit Area?

◉ Yes ○ No

Step 8: Identify if the IDDE issue lies within the geographic boundaries of the NPDES Municipal Stormwater Permit. The boundaries of the Permit can be found within the Environmental Business area of the GIS workbench, under the Water Quality tab. If a lesser detail map is all that is needed, a link to the permit area map can be found in the **Glossary** of this application under **NPDES Permit**. If you do not have access to GIS, contact the ESO IDDE contact and he/she will determine if the issue is within the Permit Area.

Step 9

Is there any change in the initial assessment of the potential illicit discharge/connection based on a field inspection?

◉ No, the discharge/connection still appears to be illicit.

○ Yes, the discharge/connection has been reassessed to be licit. Skip to step 20.

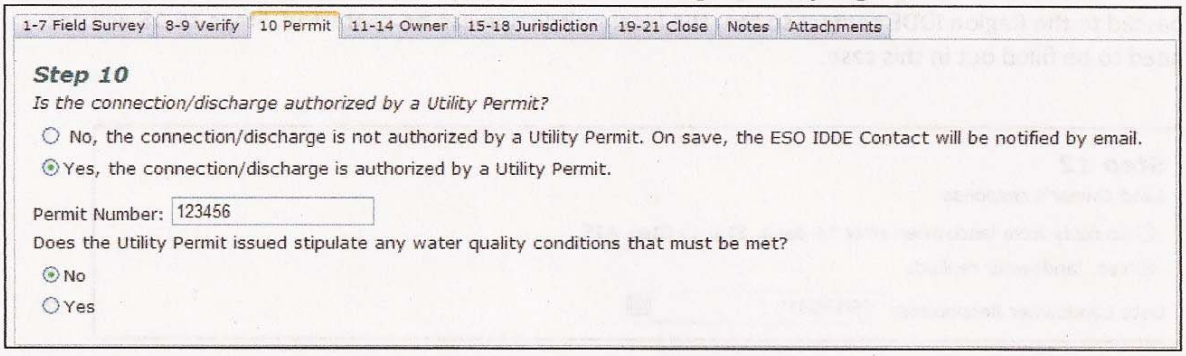
○ No field inspection was done.

Region Utilities Engineer: Townsend, Pete

Step 9: If the Region IDDE Contact feels that the newly reported issue needs a follow up inspection, and then he/she should conduct a new inspection answer step 9.

5. Step 10 Utility Permit Verification

This section will cover questions and responsibilities of the **Region Utility Engineer**.

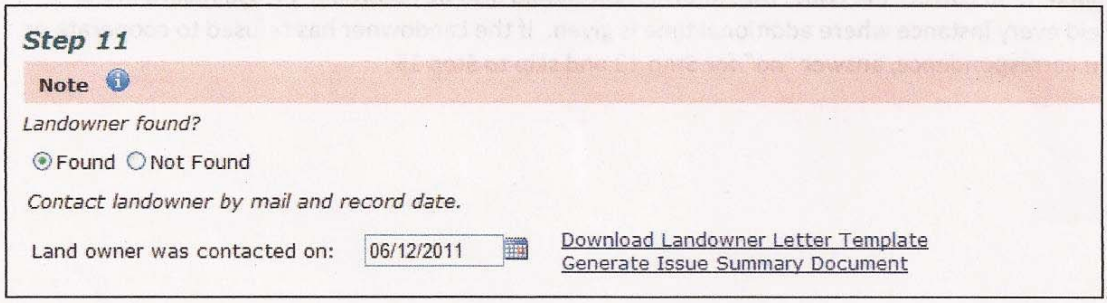


Step 10: Allows the utility office to record the details of an existing stormwater permit, following a permit search by the Region Utility Engineer. If a permit is found, the permit number will need to be recorded. In situations where water quality conditions are described in the permit, the utility office will verify that the current connection/discharge is meeting those conditions. If the conditions are not being met then the IDDE process will continue. If the conditions are being met and the connection/discharge is otherwise in compliance with the utility permit, the IDDE process will stop and the issue will be resolved.

6. Steps 11-14 Landowner Notification and Response

This section will cover questions and responsibilities of the **Region Utility Engineer**.

When an IDDE is coming from private property, it is the responsibly of the WSDOT Utility Office to contact the land owner and work with them to remediate the issue.



Step 11: Record whether or not a landowner has been identified for resolving the IDDE issue. If so, download the **Landowner Letter Template** and **IDDE Survey Template** and prepare the letter to be sent to the landowner. Once the letter is sent, the date should be recorded in Step 11. Landowners will be allowed

(approximately) 14 days from this date to respond to the letter before a "no reply" response is assumed. At 7 and 14 days following this date, the IDDE application will send a reminder email notice to the Region Utility Engineer assigned to the issue. If you determine that more time is need a second letter can be sent at the 7 or 14 day mark, allowing for a longer response time.

If no landowner is found, the utility engineer will record this information in Step 11 and the issue will be passed to the Region IDDE contact so that the local jurisdiction can be contacted. Steps 16-18 will not need to be filled out in this case.

Step 12

Land Owner's response

○ No reply from landowner after 14 days. Skip to Step #15.

◉ Yes, landowner replied.

Date Landowner Responded: 06/13/2011

Step 12: Record whether or not the landowner has responded to the initial letter and the date they responded. Note: the landowner does not have to reply favorably to the letter in order for a "yes" answer to be recorded in Step 12.

Step 13

Has the landowner agreed to correct the illicit connection/discharge?

◉ Yes, the landowner agreed to correct the illicit connection/discharge

○ No, the landowner has not agreed to correct the illicit connection/discharge. Skip to Step #15.

If local landowner has agreed to correct illicit connection/discharge, record the details of the correction below:

Agreed upon due date for correction 06/29/2011

Land Owner needs additional time of 07/21/2011

Additional time approved by Miller, Emily J

Step 13: Record whether or not the landowner has agreed to take action in order to correct the discharge/connection and the date by which they have agreed to do so. If the landowner needs additional time to correct the issue, that information should also be recorded. Please record in the notes field every instance where additional time is given. If the Landowner has refused to cooperate or maintain correspondence, answer "no" for Step 13 and skip to Step 15.

Step 14

Has the landowner resolved the illicit connection/discharge?

◉ Yes, the landowner has resolved the illicit connection/discharge and has been issued a Utility Permit.

Permit Number: 123456

○ Yes, the landowner has resolved the illicit connection/discharge but has not been issued a Utility Permit. Skip to Step #20 .

○ Illicit connection/discharge was reassessed to be licit and a Utility Permit was issued.

○ Illicit connection/discharge was reassessed to be licit but no Utility Permit was issued. Skip to Step # 20.

○ Landowner failed to resolve the issue. Proceed to Step # 15

Actual date of correction 06/03/2011

Method of Correction Remove bad Things

Step 14: Record whether or not the landowner has resolved the IDDE issue and the permit numbers for any utility permits that may have been issued in the resolution process. If the landowner is unable to resolve the issue, it will be passed to the Region IDDE contact who will begin the process of notifying the local jurisdiction.

7. Step 15-18 Local Jurisdiction Notification and Response

This section will cover questions and responsibilities of the **Region IDDE Contact**.

Once it has been determined that the landowner is unable or unwilling to resolve the issue and it falls within the boundaries of the NPDES Municipal Stormwater permit area (answered in Step 8), the Region IDDE contact will solicit help from another Phase I or II permitted municipality (i.e. city, county).

1-7 Field Survey | 8-9 Verify | 10 Permit | 11-14 Owner | 15-18 Jurisdiction | 19-21 Close | Notes | Attachments

Jurisdiction (from step 2): **Unknown (King)**

Step 15

Is the illicit discharge or connection inside the NPDES Permit Area (answered in Step # 8)? **Yes**

If Yes, send a notification letter to the local jurisdiction recorded in Step #2 and record the date below.
Link To Notification Letter

Local jurisdiction was notified by mail or email on: 05/22/2011

Step 15: Download the **Jurisdiction Notification Letter Template** and prepare the letter to be sent to the local jurisdiction (identified in Step 1). Once the letter is sent, the date should be recorded in Step 15. Jurisdictions will be allowed (approximately) 30 days from this date to respond to the letter before a "no reply" response is assumed. At 15 and 30 days following this date, the IDDE application will send a reminder email notice to the Region IDDE Contact assigned to the issue. At the 15 and 30 day marks a new letter (or other form of contact) can be sent out, record any additional contact in the notes field.

Step 16

Local Jurisdiction response

- (●) Local jurisdiction responsive to letter and is working to resolve issue
- ( ) Local jurisdiction not responding or has responded negatively to the letter. ESO IDDE Contact will be notified (see Step 18).
- ( ) The discharge/connection has been reassessed to be licit. If so how?

If local jurisdiction has agreed to correct illicit connection/discharge, record the details of the correction below :

Agreed upon due date for correction: 06/29/2011

Local Jurisdiction needs additional time of 07/20/2011

Additional time approved by Miller, Emily J

Additional comment

Step 16: Record whether or not the local jurisdiction has agreed to take action in order to correct the discharge/connection and the date by which they have agreed to do so. If the jurisdiction needs additional time to correct the issue, that information should also be recorded. If the jurisdiction has not responded or responded negatively, skip to Step 18.

Step 17

Has the local jurisdiction resolved the illicit connection/discharge?

- (●) Yes, the local jurisdiction has resolved the illicit connection/discharge and a new utility permit was issued. Skip to Step #20,

Permit Number: 123456

- ( ) Yes, the local jurisdiction has resolved the illicit connection/discharge - no utility permit was issued. Skip to Step #20 .
- ( ) No, the local jurisdiction failed to resolve the issue. ESO IDDE Contact will be notified. (see Step 18)

Actual date of correction 06/29/2011

Method of correction New Permit

Step 17: Record whether or not the jurisdiction has resolved the IDDE issue and the permit numbers for any utility permits that may have been issued in the resolution process. If the jurisdiction is unable to resolve the issue, it will be passed to the ESO IDDE Contact who will begin the process of notifying the Department of Ecology.

Step 18

ESO IDDE Contact will be notified (by Email) if the Jurisdiction fails to respond, fails to or is otherwise unable to correct the issue. Selecting

- "Local jurisdiction not responding or has responded negatively to the letter" (step 16) or
- "No, the local jurisdiction failed to resolve the issue" (step 17)

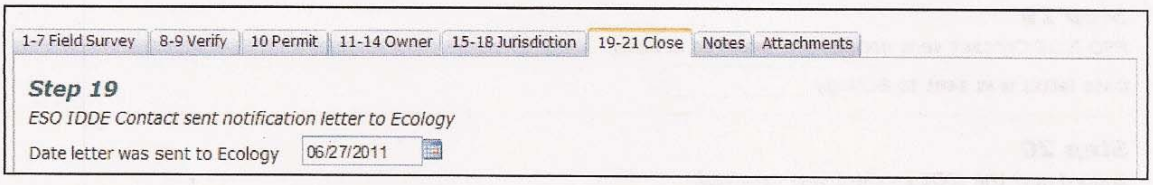
will cause the status of the issue to change to "Unresolved - Contact Ecology" and will automatically generate an email to the ESO IDDE Contact.

Date ESO IDDE Contact was notified by system generated email: **not contacted**

Step 18: If the local jurisdiction is unwilling or unable to solve the IDDE issue, then an automatic email notification will be sent to the ESO IDDE Contact once this has been recorded in either step 16 or 17. The date of this notification will be automatically filled in Step 18.

9. Step 19 Notifying the Department of Ecology of an Unresolved Issue

This section will cover questions and responsibilities of the **ESO IDDE Contact**.



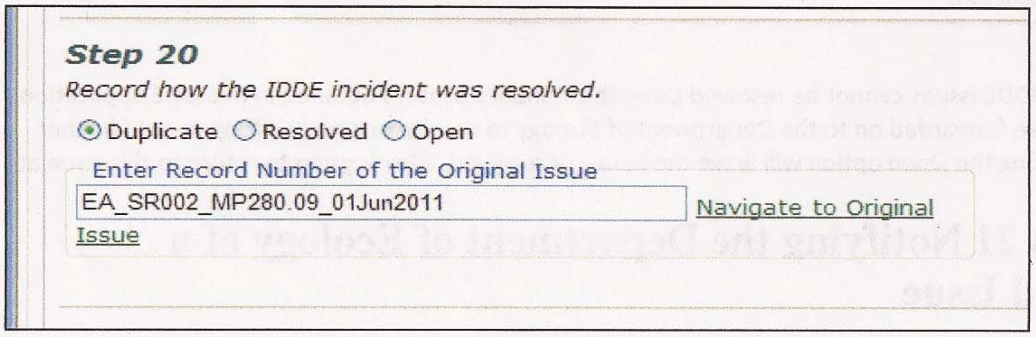
If a resolution cannot be reached with the landowner or the local jurisdiction, then the Department of Ecology (DOE) must be notified. The ESO IDDE Contact will complete this step by recording the date of notification and the issue remains open until further notice.

10. Step 20 Resolving the Incident

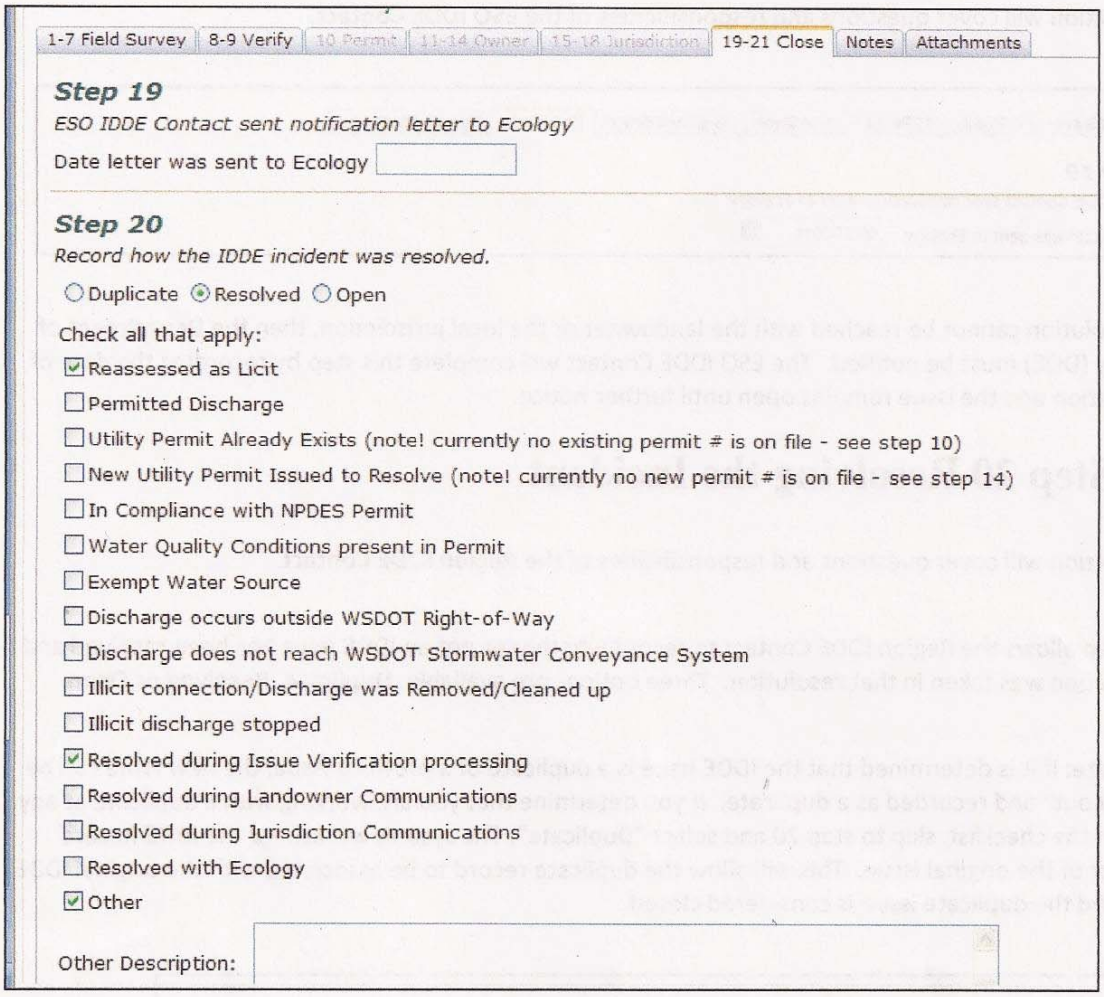
This section will cover questions and responsibilities of the **Region IDDE Contact**.

This step allows the Region IDDE Contact to record whether or not an IDDE issue has been resolved and what action was taken in that resolution. Three options are available: **Duplicate, Resolved** or **Open.**

Duplicate: If it is determined that the IDDE issue is a duplicate of a previous issue, the new issue can be "closed out" and recorded as a duplicate. If you determine that you are working with a duplicate at any point in the checklist, skip to step 20 and select "Duplicate". The system will ask for the IDDE Record Number of the original issue. This will allow the duplicate record to be associated with the original IDDE issue and the duplicate issue is considered closed.



Resolved: Resolution can happen at any point during the IDDE process for a variety of reasons. Choosing "Resolved" in step 20 will allow you to select from a checklist of possible resolution scenarios, more than one may apply. The IDDE application will use the information entered in the previous 19 steps to fill in any appropriate boxes for you. If there are any other resolution scenarios that apply to the current issue make sure that they are checked off. If none of the boxes apply to your issue select the "Other" box and describe the scenario in the available text box.

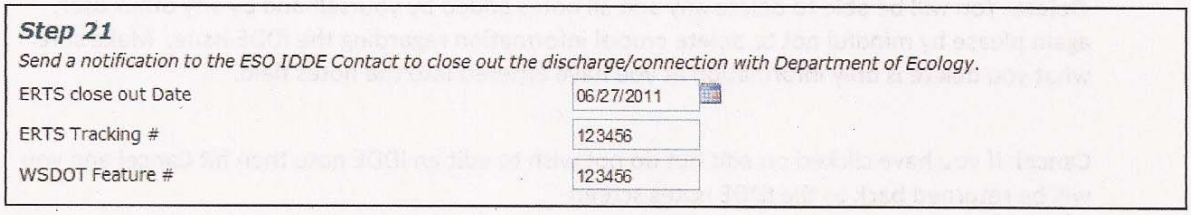


Open: Some IDDE issues cannot be resolved using the standard process outlined in the IDDE application. Such issues are forwarded on to the Department of Ecology to resolve or simply left open until further notice. Checking the Open option will leave the issues unresolved, allowing you to return to this issue at any time.

11. Step 21 Notifying the Department of Ecology of a Resolved Issue

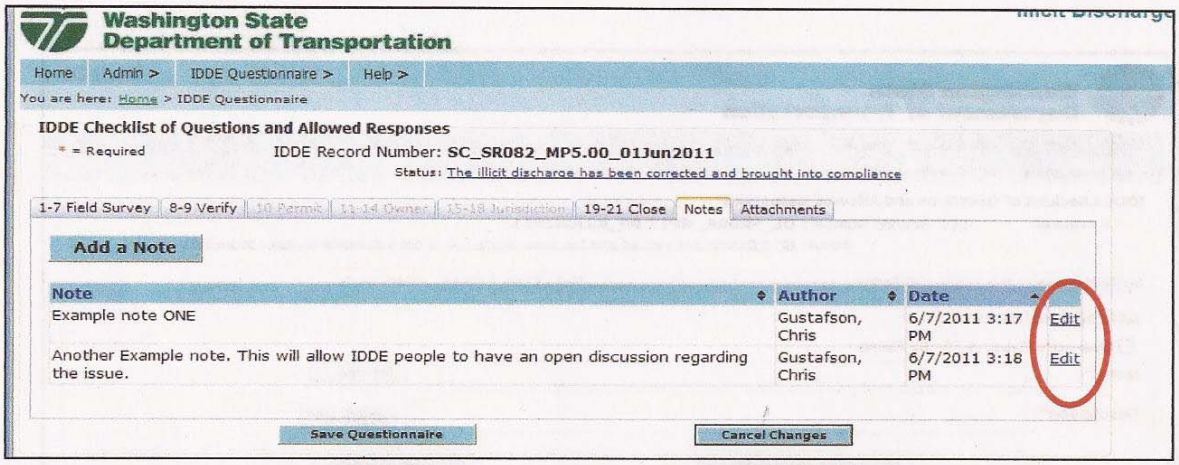
This section will cover questions and responsibilities of the **ESO IDDE Contact**.

Once an issue has been resolved it is the responsibility of the ESO IDDE Contact to close out the IDDE issue with the Department of Ecology (DOE) with a phone call or other form of communication. Prior to filling in these fields, make sure that the issue has been closed with DOE and retrieve the issue's Environmental Reporting and Tracking System (ERTS) number (if it has not already been filled from Step 1).

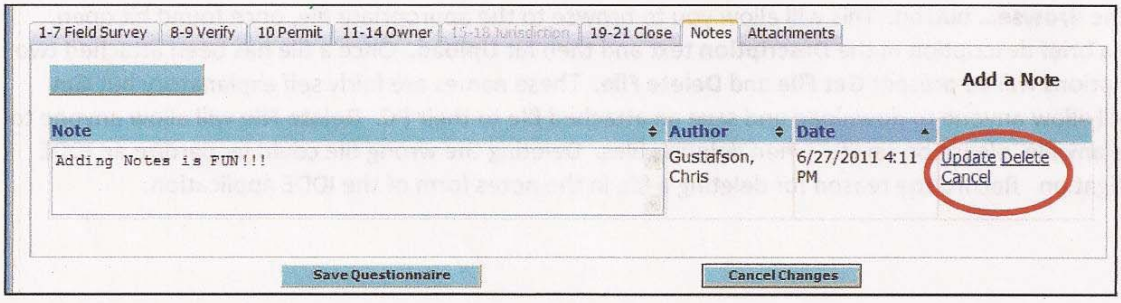


12. Notes and Attachments

The **Notes** tab is where IDDE personnel can keep a running dialog about an IDDE issue.



In order to update a note or delete a note, you will need to click on the **Edit** tap to the right of the notes. This will bring up three more option: **Update, Delete, or Cancel**.



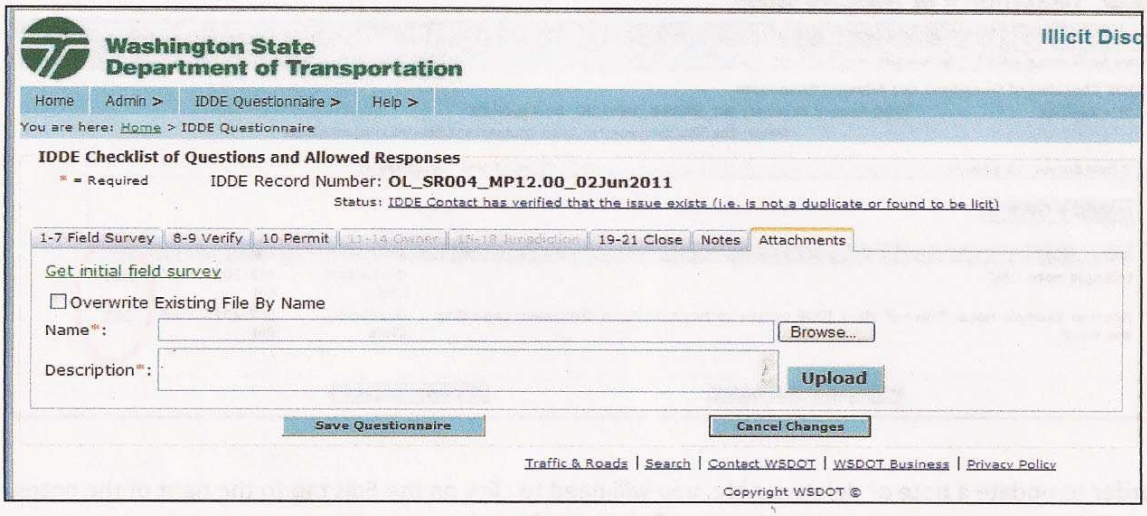
Update: You will be able to update any notes written by yourself or anyone else. **Please be mindful of what others have written and do not delete any information that is crucial to the IDDE issue.** Once you have made edits to the notes click the **Update** button to save your edits. If you hit **Save Questionnaire** without clicking update your edits will be lost

Delete: You will be able to delete any and all notes added by yourself and by any other user, again please by mindful not to delete crucial information regarding the IDDE issue. Make sure what you delete is only information at you have entered into the notes field.

Cancel: If you have clicked on edit but do not wish to edit an IDDE note then hit **Cancel** and you will be returned back to the IDDE notes screen

Attaching Documents

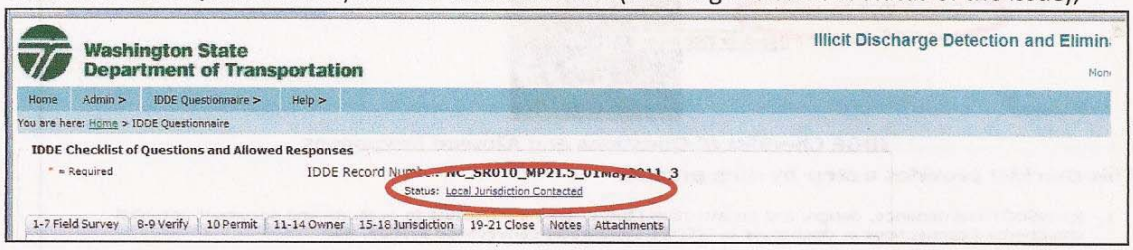
With each IDDE issue there should be a number of different documents to supplement the checklist. The application allows any document to be uploaded with the **Attachments** tab.



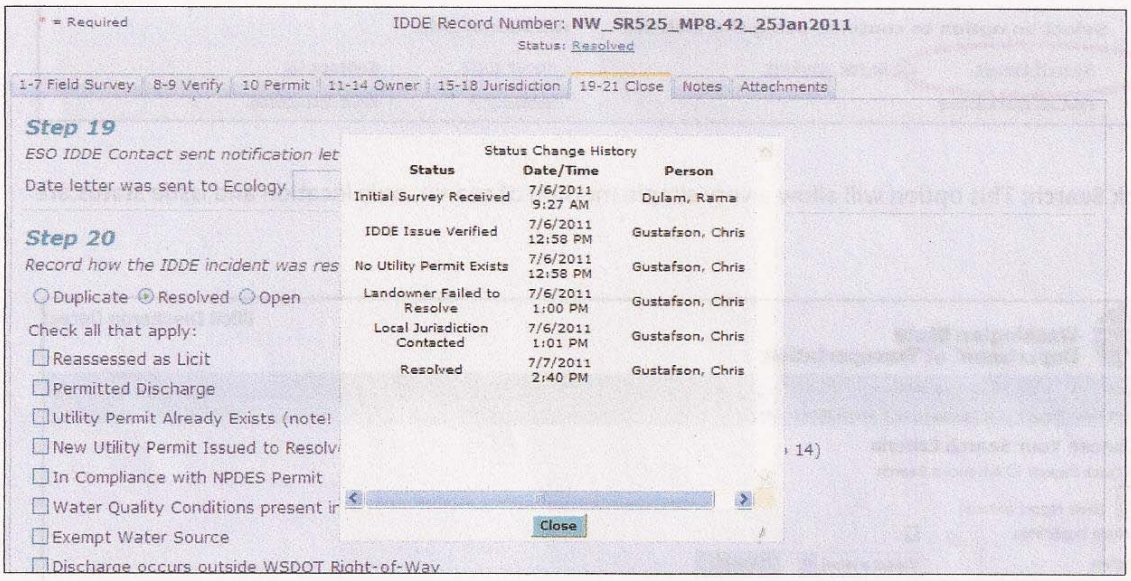
To upload a photo or other document, click on the **Attachments** tabs. Once the attachments tab is open click the **Browse...** button. This will allow you to browse to the appropriate file, once found hit open. Write a brief description in the **Description** text and then hit **Upload.** Once a file has been attached two new options will be present **Get File** and **Delete File**. These names are fairly self explanatory but **Get File** will allow anyone to download and save an attached file to their PC. **Delete File** will allow anyone to delete any file, please be careful when deleting files. Deleting the wrong file could jeopardize an IDDE investigation. Record the reason for deleting a file in the notes form of the IDDE application.

13. Tracking the Status of an IDDE Issue

Within the application you are able to track the Status of an IDDE issue in a few different Locations. When in a IDDE Questionnaire, click on the Status Link (Showing the current status of the issue),

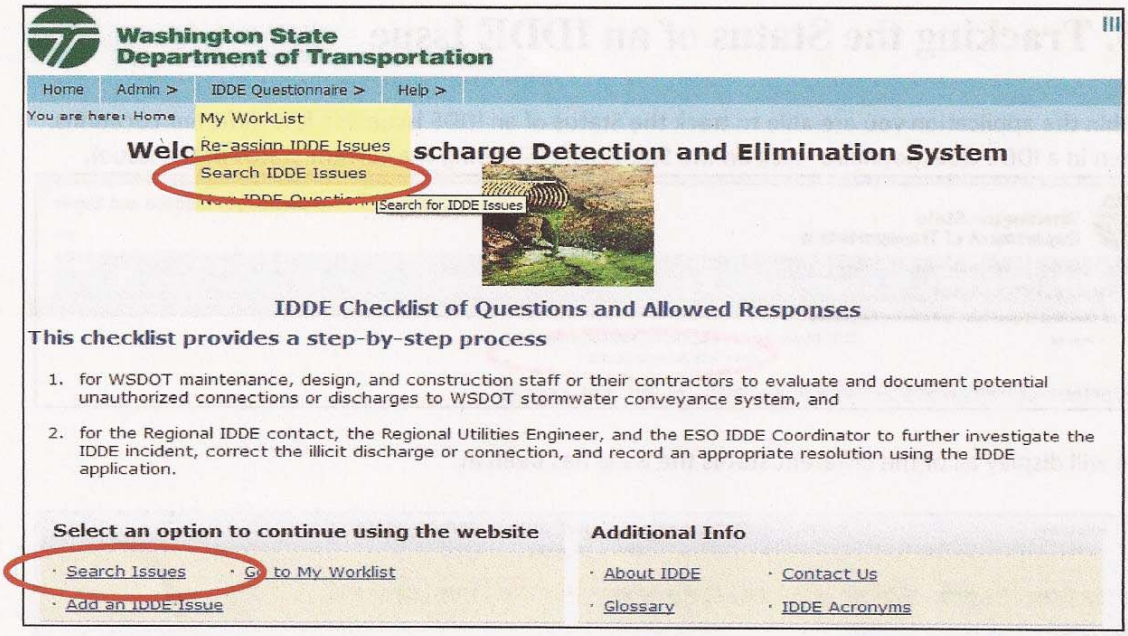


This will display all of the different status the issue has been in.

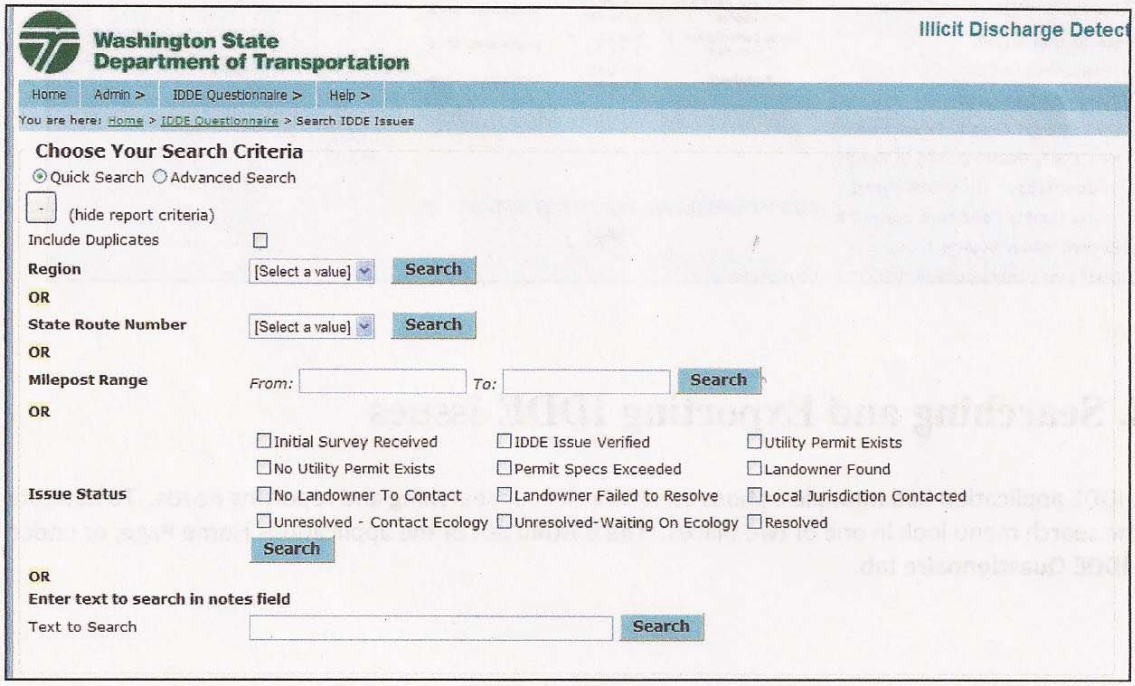


14. Searching and Exporting IDDE Issues

The IDDE application had multiple options to satisfy all your searching and reporting needs. To navigate to the search menu look in one of two places. The bottom left of the applications **Home Page**, or under the **IDDE Questionnaire** tab.



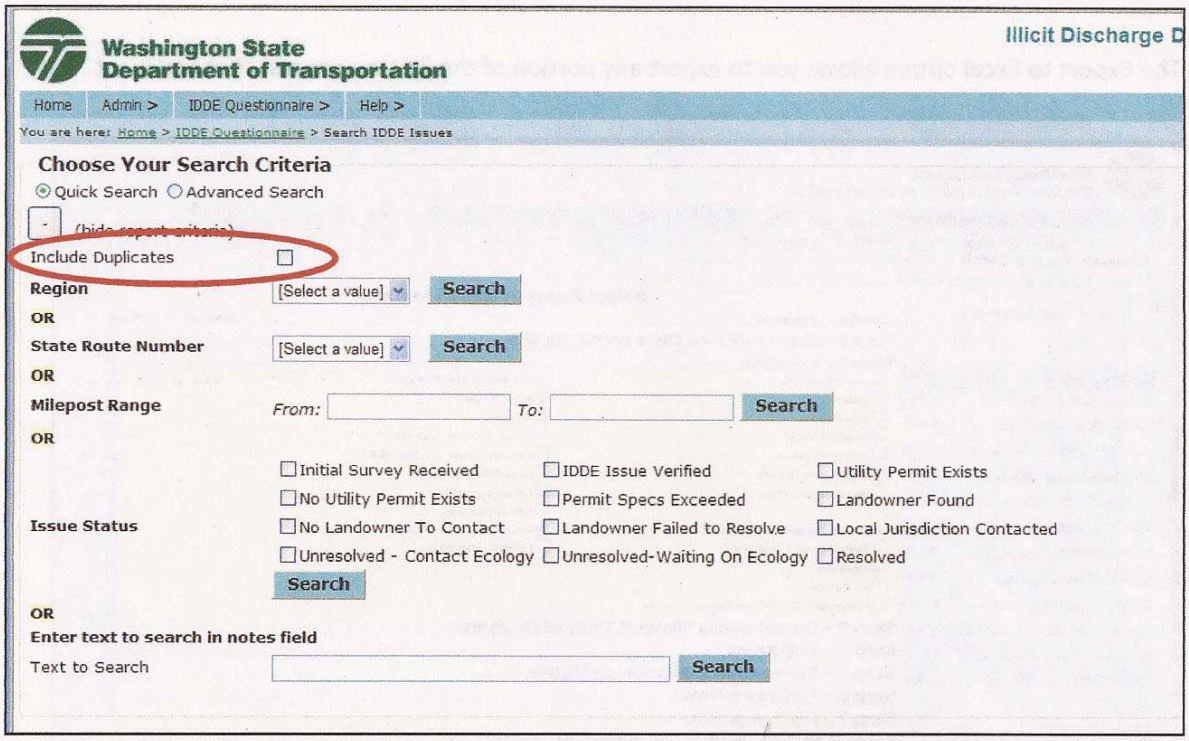
Quick Search: This option will allow a very simple method of search, only location and issue status are used.



Advanced Search: The advanced search allows for a much broader range of search criteria. You will still be able to search using criteria of the quick search but now you will also be able to search by people

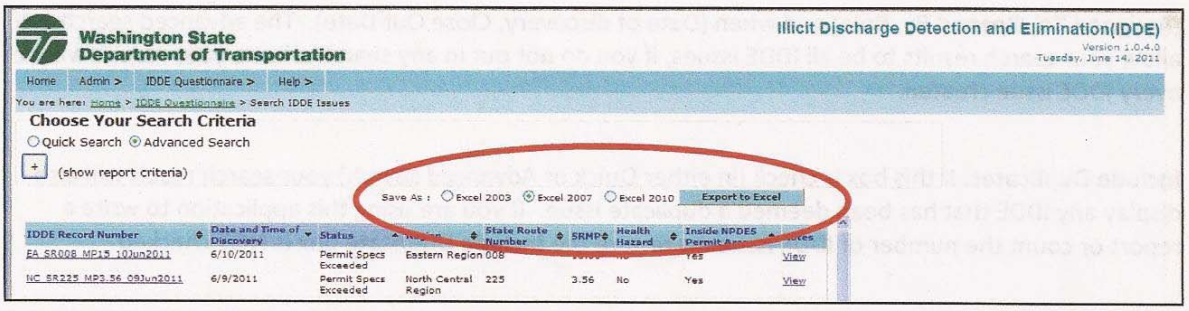
(Assigned To, Opened By, Role) and when (Date of discovery, Close Out Date). The advanced search will allow your search results to be all IDDE issues, if you do not put in any search criteria your results will be every IDDE issue created.

Include Duplicates: If this box is check (in either Quick or Advanced search) your search result will also display any IDDE that has been deemed a duplicate issue. If you are using this application to write a report or count the number of IDDE issue make sure the **Include Duplicate** box is **NOT** checked.

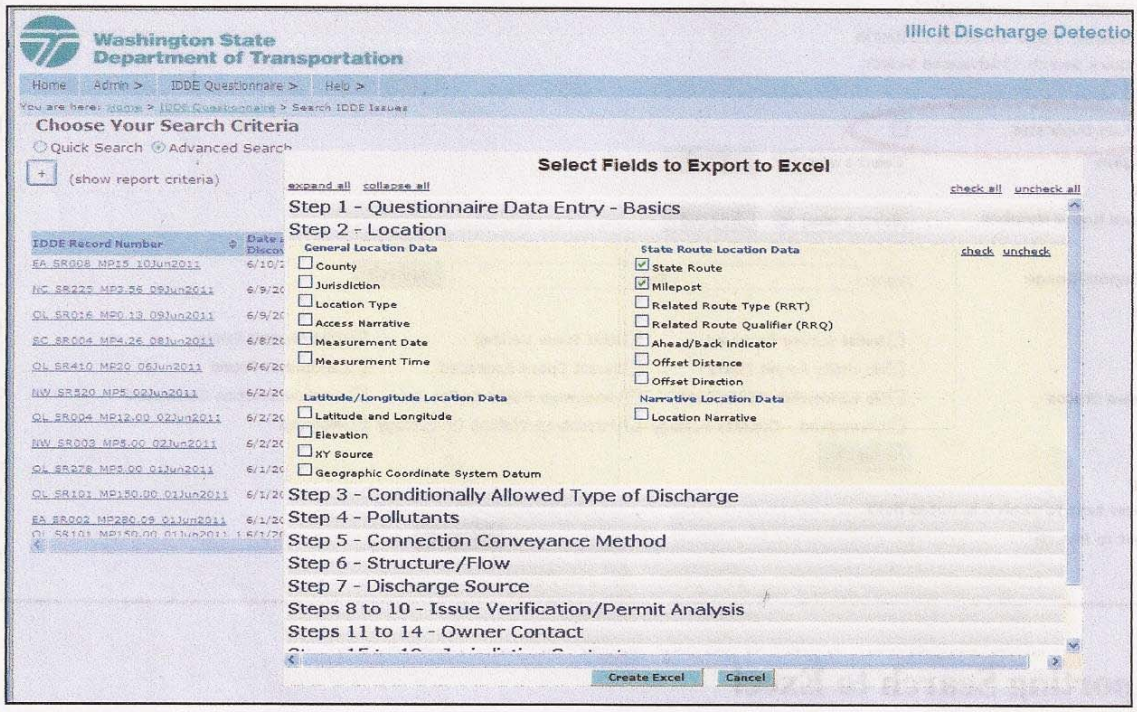


Exporting Search to Excel

Within the **Advanced** search option, there is the ability to export your search options to an excel document. First an advanced search will need to be preformed. Once the results have been gathered the option to export those results will be present above the results table.



The **Export to Excel** option allows you to export any portion of the 21 step process that you want.

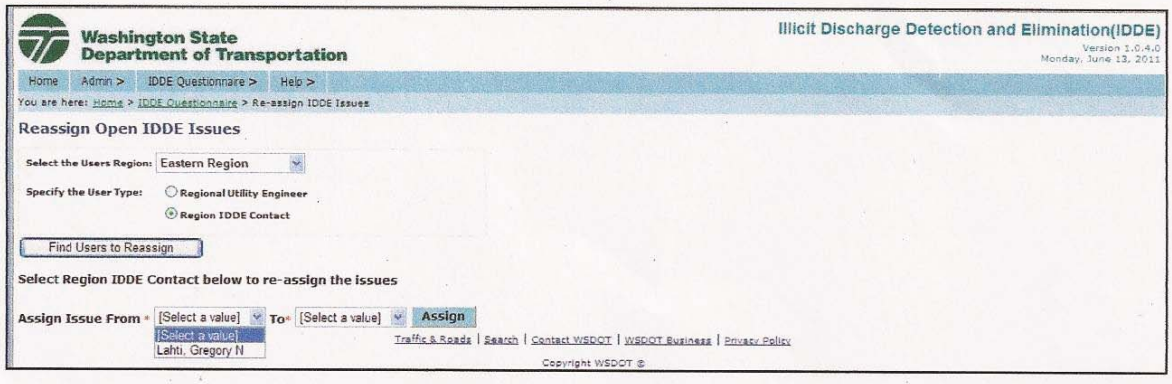


A few default items are checked when the Export option is opened (these can be unchecked if they are not need), there is also the ability to **Check all** or **Uncheck all**. Within each step there is also the ability to **check** and **uncheck** all the options only within that step.

15. Reassigning IDDE Issues

Within the application IDDE Region Contacts and Utility Engineers have the ability to reassign issues to other regional IDDE staff of the same role. There are two ways to reassign issues: **Individual Reassignment** and **Batch Reassignment** (Utility Engineers Only).

Batch Reassignment: This allows users to assign all of their current issues to another WSDOT user of the same role, all at once. If you (Region Contact, Utility Engineer) are going to be away from your position for any length of time and unable to respond to IDDE issues, you will need to reassign your IDDE issues using the batch reassignment option. The link for **Re-Assign IDDE Issues** is located under the IDDE Questionnaire section of the main menu, located at the top of the page.



Individual Reassignment: (Utility Engineers only) Once an individual has been added as a utility engineer (this is done by one of the system administrators), under **Step Nine** any person that has been assigned as a Utility Engineer in that region can be selected.

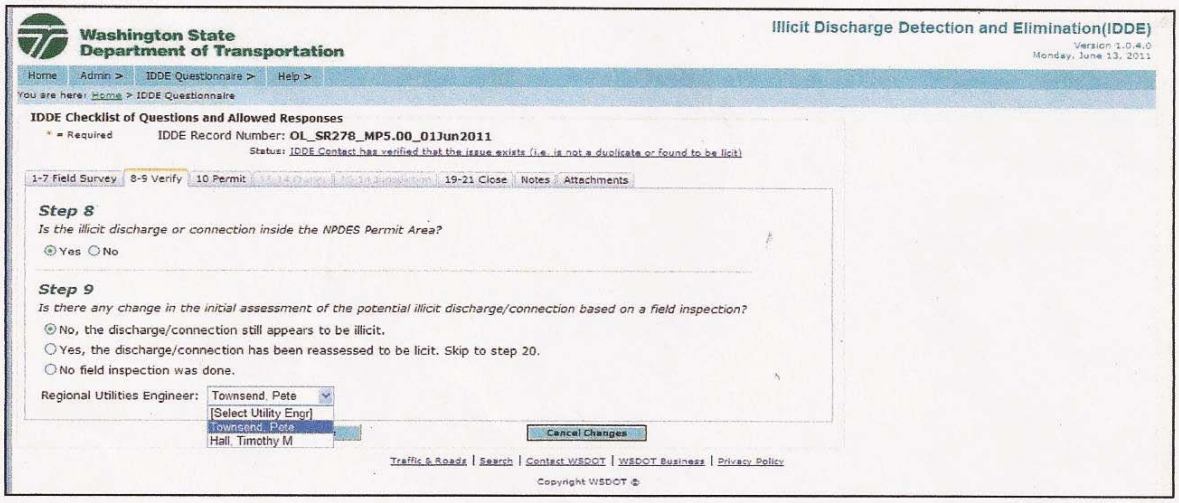


Exhibit 7
Table 12 - Summary of IDDE Issues and Remediation Activities of WSDOT's 2011 Stormwater Report, dated October 2011

Table 12 Summary of IDDE Issues and Remediation Activities

Region	Date Identified	Type of Discharge	Discovery	Location	Action Taken	Other Information	Current Status
Northwest	9/7/2010	Connection	Found by nearby construction crew	Highway: 900 Milepost: 21.75	Contacted landowner	Parking lot of private business cut gap in curb to connect with WSDOT stormwater system	Permitted
Northwest	9/8/2010	Connection	Found by nearby construction crew	Highway: 900 Milepost: 21.75	Contacted landowner	Parking lot of private business cut gap in curb to connect with WSDOT stormwater system	Permitted
Northwest	1/25/2011	Discharge/Spill	Discovered while performing inventory	Highway: 525 Milepost: 8.42	Worked with city and WSF to resolve	A private business placed a dumpster near WSDOT catch basin, used cooking oil and other trash leaked into the structure.	Resolved
Northwest	3/1/2011	Connection	Discovered while performing inventory	Highway: 9 Milepost: 5.103	Contacted landowner	Incoming ditch from private residence to WSDOT MS4	In Progress
Northwest	6/1/2011	Connection	Discovered while performing inventory	Hwy: 99 MP: 47.02	Contacted county and city	Private business discharges to WSDOT MS4	In Progress
Northwest	6/16/2011	Connection	Found during maintenance activity	Hwy: 531 MP: 4.4	Contacted county	Private residence connected to WSDOT ditch	In Progress
Olympic	11/14/2010	Connection	Discovered while performing inventory	Hwy: 167 MP: 4.5	Worked with land owner to get resolved	Private residence connected to WSDOT property	Removed
Olympic	11/16/2010	Connection	Discovered while performing inventory	Hwy: 16 MP: 12.20	Worked with city and WSDOT maintenance	Private residence connected to WSDOT property	Removed
Olympic	11/16/2011	Connection	Discovered while performing inventory	Hwy: 512 and Hwy: 7	Contacted landowner	Private residence connected to WSDOT property	Removed
Olympic	3/29/2011	Connection	Found during utility work	Hwy: 512 MP: 2.3	Contacted landowner	Private business discharges to WSDOT MS4	Removed
Olympic	3/29/2011	Connection	Found during utility work	Hwy: 512 MP: 2.3	Contacted landowner	Private business discharges to WSDOT MS4	Removed
Olympic	3/29/2011	Connection	Found during utility work	Hwy: 512 MP: 2.3	Contacted landowner	Private business discharges to WSDOT MS4	In Progress
Olympic	5/23/2011	Connection	Discovered while performing inventory	Hwy: 410 MP: 20	Worked with City of Buckley to get permit issued	Private business pond discharges to WSDOT MS4	Permitted

Exhibit 8
IDDE/Spill Training for WSDOT Field Staff, dated January 24, 2011

IDDE/Spill Training for WSDOT (As of 1/24/2011)

Region	Trainees
Northwest	115
North Central	36
Olympic	74
South West	45
South Central	78
Eastern	60
Unknown Region	460
Total	**868**

Region	Trainees
Northwest	72
North Central	23
Olympic	21
South West	29
South Central	23
Eastern	60
Total	**228**

Construction Site Erosion and Sediment Control Course BPW

Date	Region	Facility	Room	Room Capacity	Phone #	Address	Instructor	Class #	Registered	Attended
3/1/11	OR	Mats Lab	ts Lab Conf. Ro	35	360-709-5501	1655 South Second Ave Tumwater	Elsa Piekarski	1258	26	**26**
3/8/11	SW	V HQ Maint. Bl	aint. Conf. Roo	30		4100 Main St Vancouver	Elsa Piekarski	1260	19	**16**
3/10/11	SC	SC HQ Bldg.	Region Office Board Room	35	509-577-1600	2809 Rudkin Rd Union Gap 98903	Elsa Piekarski	1259	23	**22**
3/22/11	NC	NC HQ Area 1 Bldg.	Area 1 Conf. Room	40	509-667-2800	2803 Euclid Ave Wenatchee	Elsa Piekarski	1261	14	**13**
3/31/11	NW/north	SW HQ Bldg.	Vernon Maint. E	25	360-848-7233	4100 Cedardale Rd, Mt. Vernon, WA 98273	Elsa Piekarski	1264	13	**8**
4/4/11	NW	HQ Bldg. (Day	eteria Conf. Ro	40	206-440-4000	15700 Dayton Avenue North, Seattle, WA 98133	Elsa Piekarski	1263	17	**17**

6/15/11	NW	HQ Bldg. (Day	eteria Conf. Ro	40	206-440-4000	15700 Dayton Avenue North, Seattle, WA 98133	Elsa Piekarski	1265	19	**18**

Region	**Trainees**
Northwest	43
North Central	13
Olympic	26
South West	16
South Central	22
Eastern	0
Total	**120**

Region	Trainees	Location	Date
Northwest			
North Central			
Olympic	27	Lakeview Maint	9/1/11
South West			
South Central	33	Pasco	9/21/11
Eastern			
Headquarters	3	Mottman	1/5/12
Headquarters	3	Mottman	1/1/11
Total	**66**		

Location	Trainees
WSDOT	460
Total	**460**

Exhibit 9
IDDE Training – Field Staff, rev. January 27, 2012

IDDE Training – Field Staff

Every incident is different, not all steps/procedures covered here will apply to all situations.

1) **Responsibly and Purpose of IDDE Process and Program**
    a. What is an illicit discharge or illicit connection?
    b. Why should WSDOT care?
        i. Department of Ecology and NPDES permit
        ii. Impact to WSDOT MS4
2) **Identification**
    a. Staining
    b. Odor
    c. Sheen/Color
    d. Dry weather flow
3) **Examples of Common Situations**
    a. Residential
    b. Industrial/Commercial
    c. Other Municipality
4) **Notification Process**
    a. Emergency Response
        i. When should 911 be called?
    b. Who and when to call
        i. Who is my IDDE contact and when should I call them?
    c. Standard notification
        i. What to do for everyday situation
5) **Application Use**
    a. Finding and starting the web based application
    b. Filing out the field portion of the checklist
    c. Adding photos and other attachments
    d. Adding notes
    e. Database search for issues
    f. All other uses of application

IDDE Contacts

Northwest: (206)440-4555

Nick Abedin (x4905)

North Central: (509)667-2989

Joe Williams (x3054)

Eastern: (509)323-8402

Greg Lahti (x6138)

Southwest: (360)905-2015

Mike Misiak (x2121)

South Central: (509)557-1759

Scott Anfinson (x1758)

Olympic: (360)570-6748

Chris Ehresmann (x6749)

Headquarters: (360)709-8058

Chris Gustafson (x6650)

Created 11/17/2011
Revised on 1/27/2012

Exhibit 10
IDDE Presentation, rev. August 24, 2011

IDDE

Illicit Discharge Detection and Elimination

Created 11/1/2010
Modified 8/24/2011

Washington State
Department of Transportation

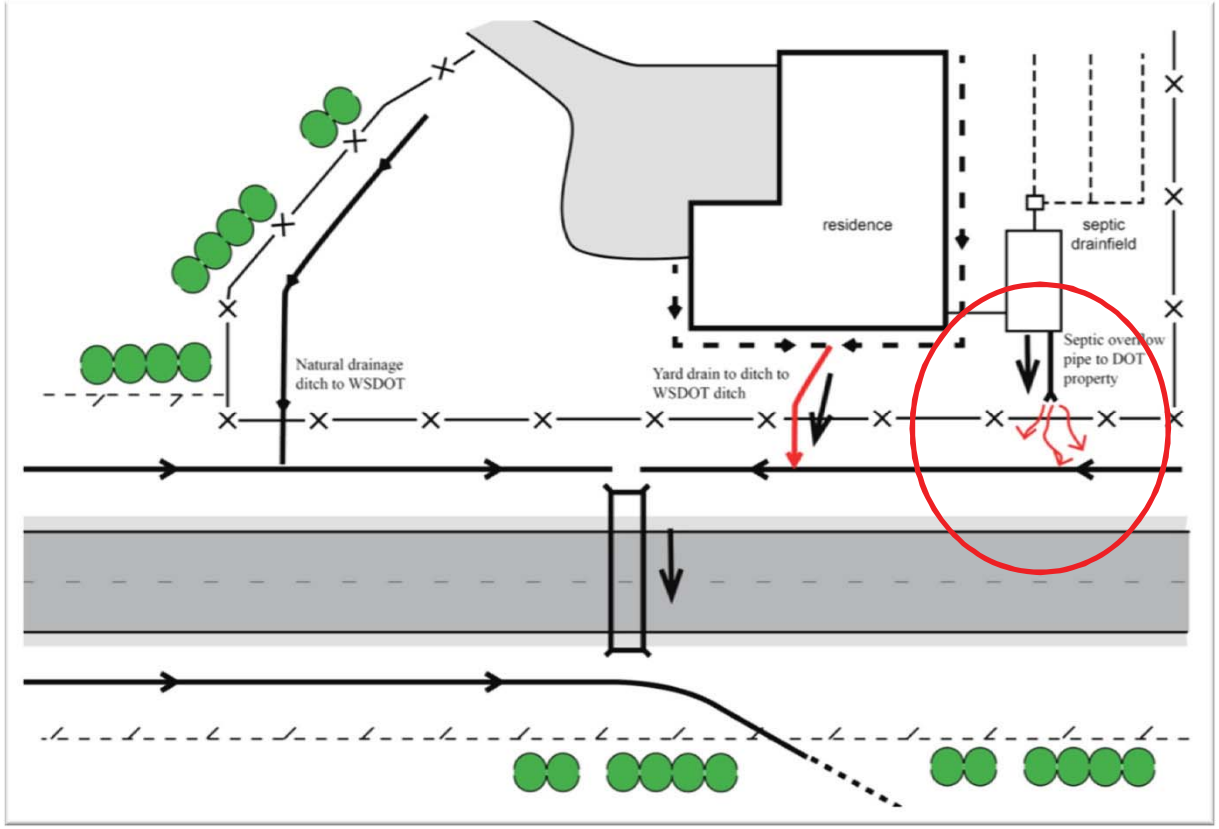
What is the IDDE Program?

Illicit Discharge Detection and Elimination

The purpose of the IDDE program is to identify, fix and prevent illicit discharges and connections from jeopardizing the environment and WSDOT's storm sewer system.

Key Term - Illicit Discharge

A discharge of pollutants to a municipal separate storm sewer (MS4) **not comprised entirely of stormwater** and not authorized under an NPDES permit.



Examples of Illicit Discharges

- Runoff from nearby businesses
- Wash water
- Process water
- Sediment
- Spilled chemicals
- Sewage spill

Paint or chemicals from a business

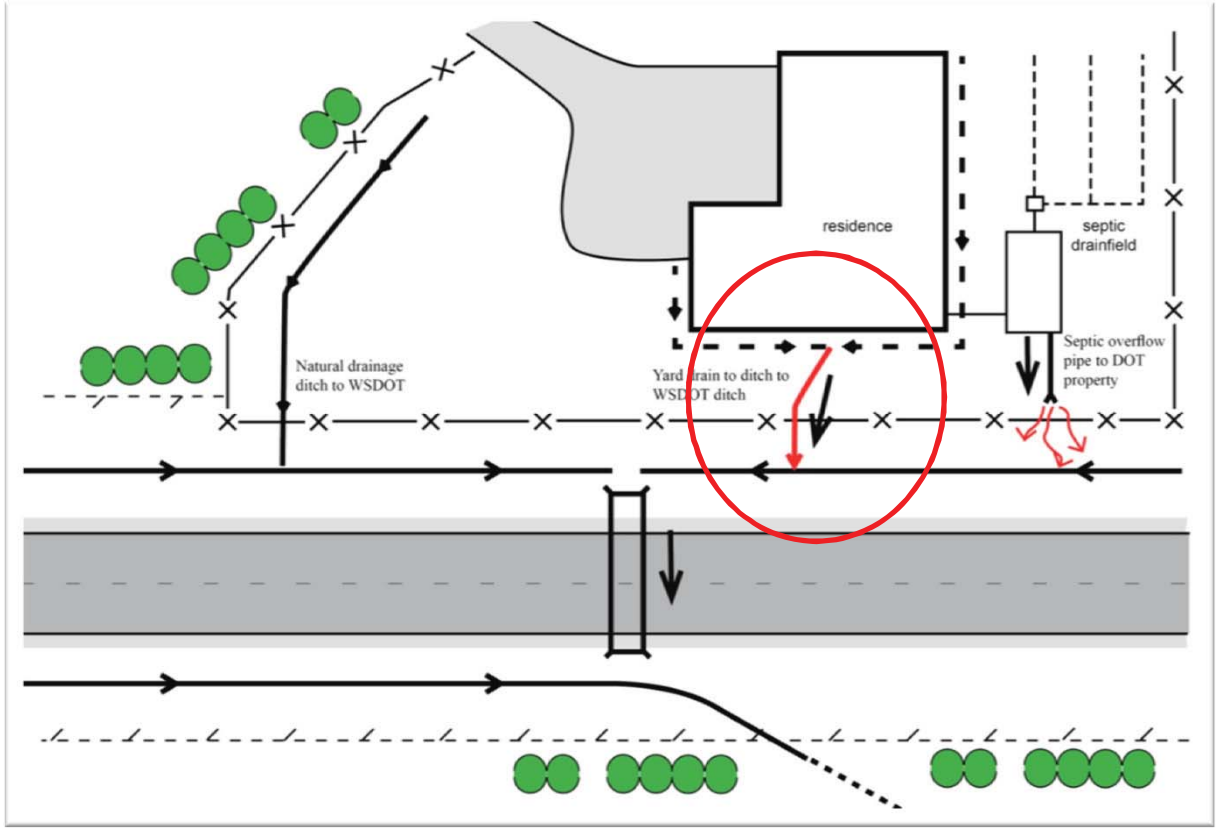
Soapy water from nearby car wash

Typical Physical Indicators

- Visible signs of staining
- Odor (sewage, rotten eg
  etc.)
- Discoloration or oily sheen
- Abnormal water flow
- Floatable matter
- Temperature
- Turbidity/excessive sediment
- Vegetation change

Key Term - Illicit Connection

Any unauthorized pipe, ditch, or other man-made conveyance that is physically connected to WSDOT's storm water conveyance system (MS4).



Examples of Illicit Connections

- Drainage ditch
- Cross-connections
- Sanitary sewer pipes
- Floor drains
- Dug channels
- Conduits
- Inlets and Outlets

Ditch draining a private road and farmland

Project Site (SR 539)

A ditch carrying dirty water into a project site

Private Drive

WSDOT right-of-way (SR 11)

A pipe draining water from a private lane

Why are Illicit Discharges/ Connections a Problem?

They cost WSDOT $$$ for:

- Larger detention ponds for stormwater flow control or, if unknown, under-sized ponds

- They often contain pathogens, nutrients, surfactants, and toxic pollutants that must be treated in our right-of-way

WSDOT Legal Requirements for IDDE

The 2009 NPDES Municipal Stormwater Permit Requirements for non-hazardous illicit discharges require that:

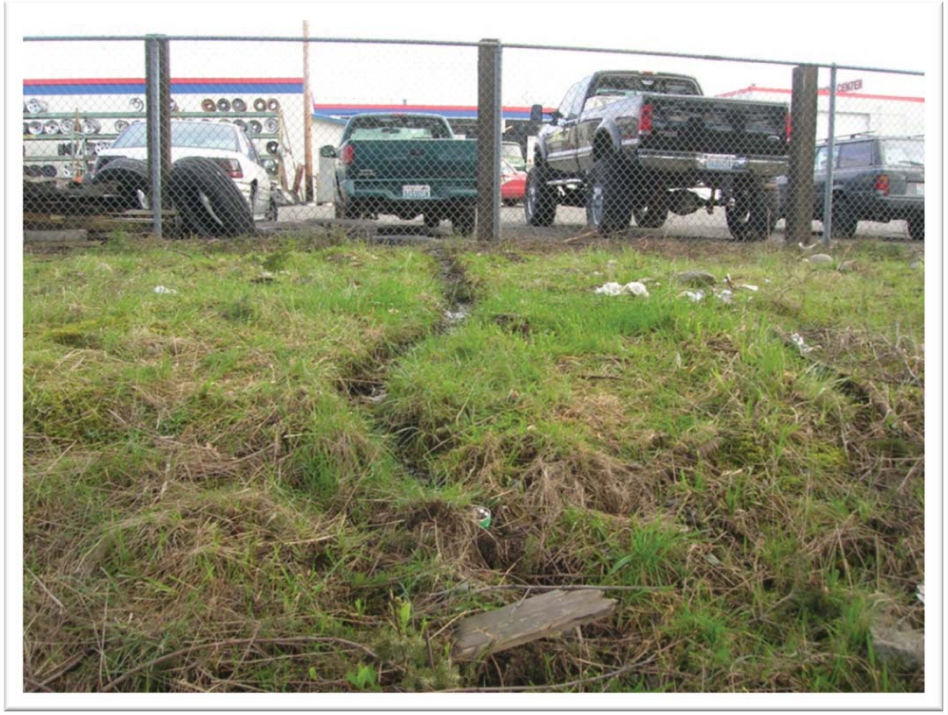
- WSDOT personnel must be trained to identify and report potential illicit discharges / connections

- WSDOT staff are required to identify and report potential illicit discharges/connections

- WSDOT must seek resolution and clean up of illicit discharges / connections by the responsible party

- WSDOT must report on the status/resolution of all know illicit discharges / connections annually to Ecology

SR 512



SR 531

SR 9

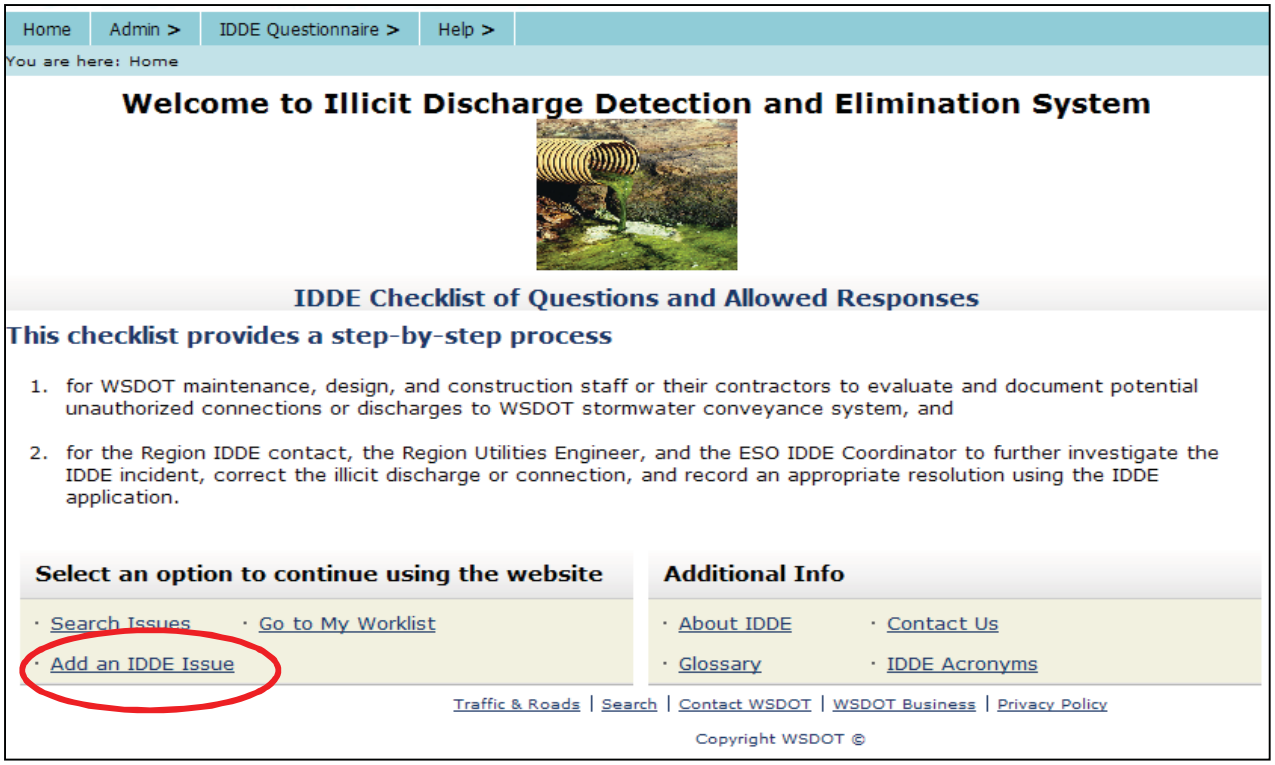
SR 14

SR 525 Mukilteo Ferry

SR 90 in Issaquah

Other Examples

Notification Procedure



- IDDE application now allows for paperless notification and easier track of issues
- Field staff can enter in issues to the application, this will automatically notify the Region Contact

- http://webprod4.wsdot.loc/Environmental/Compliance/Stormwater/Connection/Common/Default.aspx

Health and Safety Hazard

Washington State Department of Transportation

Illicit Discharge Detection and Elimination(IDDE)

Version 1.0.8.0
Wednesday, June 29, 2011

Home | Admin > | IDDE Questionnaire > | Help >

You are here: Home > IDDE Questionnaire

IDDE Checklist of Questions and Allowed Responses

* = Required

IDDE Record Number: **(NEW)**

Status: New Not Saved

1-7 Field Survey | 8-9 Verify | 10 Permit | 11-14 Owner | 15-18 Jurisdiction | 19-21 Close | Notes | Attachments

Health and Safety Hazards

Note to field staff

If the discharge poses a threat to human health, safety or the environment, please contact your Region IDDE Contact. If he/she is not available, leave a message and contact the Department of Ecology Southwest Regional Office at (360) 407-6300.

If the discharge has the potential to cause bacterial contamination of shellfish (such as from broken sewer lines), call the Department of Health Shellfish Program at (360) 236-3330 during normal business hours or (360) 786-4183 outside normal business hours.

For discharges that pose **immediate** dangers to health and safety, contact emergency services (911).

Does this discharge pose a potential threat to human health, welfare or the environment?

* ○ Yes ○ No ○ Unknown

Steps 1 & 2

Step 1: Information on the Illicit Connection or Discharge

Region*: [Select Region] When Discovered Date*: 06/29/2011 Time*: 12:12 AM

Region IDDE Contact: **Region must be selected to establish a Region IDDE Contact.**

Person Collecting the Information

Gustafson, Chris Org: **309010** Phone: **360-570-6650**

1-7 Field Survey | 8-9 Verify | 10 Permit | 11-14 Owner | 15-18 Jurisdiction | 19-21 Close | Notes | Attachments

Note to field staff

Step 2: Location of Illicit connection or discharge

Name of the County: Snohomish Local Jurisdiction: Everett

Please select a location format ◉ State Route and Milepost ○ Latitude and Longitude ○ Location Narrative

State Route and Milepost

State Route: 005 Milepost:

Related Route Type: Select an RRT Related Route Qualifier:

Ahead/Back Indicator: Ahead

Offset Distance (feet): Offset Direction:

Location Access:

Step 3 & 4

Step 3: Is the connection or discharge one of the conditionally allowed ones listed below? If yes, check the appropriate box.

○ Yes ◉ No ○ Unknown

- ○ Discharge from emergency fire fighting activities
- ○ Irrigation return flow
- ○ Uncontaminated groundwater infiltration
- ○ Springs
- ○ Water line flushing
- ○ Air conditioning condensation
- ○ Footing drains
- ○ Discharges from lawn watering/other irrigation runoff
- ○ Other
- ○ Diverted stream flows
- ○ Rising groundwater
- ○ Uncontaminated pumped groundwater
- ○ Flows from riparian habitats and wetlands
- ○ Foundation drains
- ○ Water from crawl space pumps
- ○ Discharges from potable waters sources
- ○ Street and sidewalk wash water used to control dust, and routine external building wash down that does not use detergent

Describe the connection if 'Other' is specified:

Step 4: Are there any indicators of pollutants in the discharge? If yes, check all that apply.

◉ Yes ○ No ○ Unknown

- ☑ Visible signs of staining, residues, or oily substances in the water or detained within ditches, channels, catch basins, or surrounding pavement and soils
- ☐ Pungent odors coming from the drainage system (e.g. discharge smells like sewage, sulfide, petroleum/gas, or rancid)
- ☐ Discoloration or oily substances in the water
- ☐ Abnormal water flow during the dry weather season
- ☐ Excessive sediment deposits or turbid water, particularly near active off-site construction sites
- ☐ Floatables (e.g. discharge includes sewage, an oil sheen, suds, garbage)
- ☐ Broken concrete or other disturbances at or near junction structures
- ☐ Trash/garbage carried from the connection to WSDOTs right-of-way
- ☐ Other

If 'Other' is selected, fill in the description:

Step 5 & 6

Step 5: At the time of discovery, how was the water entering or connecting to WSDOT's stormwater conveyance system?

- (●) No structures visible
- ( ) Through a discharge from a manmade structure that is outside of WSDOT's right-of-way
- ( ) Through a discharge from a manmade structure that is within WSDOT's right-of-way
- ( ) Through a direct connection

Previous | Next

Step 6: Characterize the flow and structure of the discharge or connection at the time of discovery:

a. What is the discharge structure?

(●) Pipe ( ) Ditch ( ) Other

Select the Pipe Type -

( ) Concrete (●) Plastic ( ) Metal ( ) Other

If other describe:

b. What is the approximate size of the pipe in inches?

Size of pipe (in inches): 12.00

c. What was the approximate flow at the time of discovery?

- ( ) No Water present at time of discovery
- ( ) Saturated soils to a trickle of water
- ( ) Adequate flow to fill the structure ¼ full
- ( ) Adequate flow to fill the structure ½ full
- ( ) Adequate flow to fill the structure ¾ full
- (●) Structure is full

Additional information, if known, on the nature and quantity of discharge

Step 7

Step 7: Has the source of the potential illicit discharge or the potential illicit connection been identified ?

◉ Yes ○ No

Describe the potential source of the discharge or connection (Example: 24 inch pipe appears to drain from Bob's Auto Body Shop parking lot into WSDOT right-of-way)

*

Does this appear to be a single event ?

◉ Yes ○ No ○ Unknown

For more information contact your Region IDDE Contact:

Northwest - Nick Abedin (206) 440-4555

Eastern - Greg Lahti (509) 323-8402

Southwest - Mike Misiak (360) 905-2015

North Central - Joe Williams (509) 667-2989

South Central - Scott Anfinson (509) 577-1759

Olympic – Chris Ehresmann (360) 570-6748

Headquarters – Chris Gustafson (360) 709-8058

http://www.wsdot.wa.gov/Environment/WaterQuality/#IllicitDischarge

Or

http://wwwi.wsdot.wa.gov/Environment/Stormwater/

Exhibit 11
WSDOT's *Annual Fall TESC Assessment Report*, dated October 5, 2011

Annual Fall TESC Assessment Report

Assessment #	SW2011-09	Assessor	Elsa Piekarski, Emily Miller
Project Name	I-5 Reconstruct I/C at NE 134th (SCIP)	Inspector(s) Present	Michelle Jacobs-Brown, Michael Fleming, Alex Hendy, Brian Hughes
Assessment Date	10/5/2011	Assessment Status	Complete
Contract #	8153	Project % Complete	40%
Region	Southwest	Last Assessment	N/A
Projet Engineer	Leon Winger	Project Category	High Risk
Contractor	Rotschy	Weather	Cloudy

Assessment Summary Notes: Overall the project is doing a good job of keeping the site log book updated. Please put a copy of the ECL's CESCL card in the site log book on site. I think the project needs to put more effort into maintaining BMPs, please see the line item comments at the bottom of this report. Please feel free to contact me with any questions or concerns. Thanks, Elsa Piekarski (360)570-6654

Assessment Questions and Responses. This section may be used to review plan requirements, overall performance, and areas for improvement. Action Items line numbers correspond to the lines below.

Element 1 - Mark Clearing Limits	**Y/N**
1 Are clearing limits around sensitive areas, vegetation to be saved, and adjacent properties clearly delineated?	yes
2 Do the limits minimize site area cleared and maximize preservation of natural vegetation?	yes
3 Are the limits being respected by the contractor?	yes

Element 1 BMPs	**In Use**	**In Plan**	**Applied Per Spec**	**Maintained Per Spec**	**Effectiveness**
4 Vegetation Protection and Restoration 1-07.16(2)	yes	yes	yes	yes	med
5 High visibility fence	yes	yes	yes	yes	med

Element 2 - Establish Construction Access	**Y/N**
6 Are the access route BMPs effectively protecting nearby roads from sediment deposition?	no
7 Was the construction access point(s) stabilized prior to major grading operations?	yes
8 If sediment is being tracked offsite, are affected roads being cleaned thoroughly at the end of the day?	yes
9 Is process water treated onsite or discharged appropriately?	n/a

Element 2 BMPs	**In Use**	**In Plan**	**Applied Per Spec**	**Maintained Per Spec**	**Effectiveness**
10 Parking/staging area stabilization	yes	yes	yes	yes	med
11 Stabilized construction entrance 8-01.3(7)	yes	yes	yes	no	low
12 Construction road stabilization	yes	yes	yes	yes	med
13 Wheel wash 8-01.3(7)	n/a	yes	n/a	n/a	n/a
14 Street cleaning 8-01.3(8)	yes	yes	yes	yes	med

Element 3 - Control Flow Rates	**Y/N**
15 Are downstream properties and waterways protected from erosion by runoff volumes, flow velocities and peak flow rates?	yes
16 Are drainages able to handle both onsite and offsite water sources?	yes

Element 3 BMPs	**In Use**	**In Plan**	**Applied Per Spec**	**Maintained Per Spec**	**Effectiveness**
17 Detention/Retention Pond Construction 8-01.3(1)E	yes	yes	yes	yes	med
18 Temporary sediment trap	n/a	yes	n/a	n/a	n/a

19 Dispersion/Infiltration 8-01.(1)D	yes	yes	yes	yes	med

Element 4 - Install Sediment Controls	Y/N
20 Are BMPs effectively trapping sediment in runoff prior to leaving the construction site or discharge to an infiltration facility?	yes
21 Are sediment trapping BMPs in place per specifications before soil-disturbing activities take place?	yes

Elelment 4 BMPs	In Use	In Plan	Applied Per Spec	Maintained Per Spec	Effectiveness
22 Silt Fence 8-01.3(9)A	yes	yes	yes	yes	med
23 Dispersion/Infiltration 8-01.3(1)D	yes	yes	yes	yes	med
24 Other/experimental BMPs: _____(use notes)	n/a	n/a	n/a	n/a	n/a
25 Temporary sediment trap	n/a	n/a	n/a	n/a	n/a
26 Detention/Retention Pond Construction 8-01.3(1)E	yes	yes	yes	yes	med
27 Filter berm (gravel, wood chip, or compost) 8-01.3(9)B	n/a	n/a	n/a	n/a	n/a
28 Stormwater chemical treatment	n/a	n/a	n/a	n/a	n/a
29 Construction stormwater filtration	n/a	n/a	n/a	n/a	n/a
30 Compost sock 8-01.3(12)	yes	yes	yes	yes	med
31 Straw bale barrier 8-01.3(9)C	n/a	yes	n/a	n/a	n/a

Element 5 - Stabilize Soils	Y/N
32 Are the soil stabilization BMPs effectively preventing erosion by wind? 1-07.5(4)	yes
33 Are the soil stabilization BMPs effectively preventing erosion by water?	yes
34 What percentage of the site is stabilized with BMPs?	60%
35 Are the selected soil stabilization BMPs appropriate considering factors affecting erodibility?	yes
36 Is all soil stabilized per the specifications within the appropriate time limit based on the project location? 8-01.3(1)	yes
37 Is the amount of exposed erodible earth restricted to the appropriate area based on the project location? 8-01.3(1)	yes

Elelement 5 BMPs	In Use	In Plan	Applied Per Spec	Maintained Per Spec	Effectiveness
38 Bonded fiber matrix 8-01.3(2)E	n/a	n/a	n/a	n/a	n/a
39 Mechanically bonded fiber matrix 8-01.3(2)E	n/a	yes	n/a	n/a	n/a
40 Mulching 8-01.3(2)D	yes	yes	yes	yes	med
41 Soil binding using polyacrylamide 8-01.3(2)E	n/a	n/a	n/a	n/a	n/a
42 Placing erosion control blanket 8-01.3(3)	n/a	yes	n/a	n/a	n/a
43 Placing compost blanket 8-01.3(4)	n/a	yes	n/a	n/a	n/a
44 Placing plastic covering 8-01.3(5)	yes	yes	yes	yes	med
45 Seeding, Fertilizing, and Mulching 8-01.3(2)	yes	yes	yes	yes	med
46 Topsoil 8-02.3(4)	yes	yes	yes	yes	med
47 Preparation For Application 8-01.3(2)A	yes	yes	yes	yes	med
48 Vegetation Protection and Restoration 1-07.16(2)	yes	yes	yes	yes	med

Element 6 - Protect Slopes	Y/N
49 Are BMPs effectively protecting slopes from concentrated flow?	yes

Element 6 BMPs	In Use	In Plan	Applied Per Spec	Maintained Per Spec	Effectiveness
51 Water Management 8-01.3(1)C	yes	yes	yes	yes	med
52 Preparation For Application 8-01.3(2)A	yes	yes	yes	yes	med
53 Temporary pipe slope drain 8-01.3(14)	n/a	yes	n/a	n/a	n/a
54 Temporary curb 8-01.3(13)	n/a	yes	n/a	n/a	n/a
55 Wattle 8-01.3(10)	yes	yes	yes	yes	med
56 Live fascines 8-02.3(15)	n/a	n/a	n/a	n/a	n/a
57 Erosion control blanket placement on slope 8-01.3(3)	n/a	yes	n/a	n/a	n/a

Element 7 - Protect Drain Inlets	Y/N
58 Are inlets protected from sediment-laden runoff?	no

Element 7 BMPs	In Use	In Plan	Applied Per Spec	Maintained Per Spec	Effectiveness
59 Inlet protection - below grate 8-01.3(9)D	yes	yes	yes	no	low
60 Inlet protection - above grate 8-01.3(9)D	yes	yes	yes	yes	med
61 Inlet protection - grate cover 8-01.3(9)D	n/a	yes	n/a	n/a	n/a

Element 8 - Stabilize Channels and Outlets	Y/N
62 Is off-site runon diverted around construction areas?	yes
63 Are the conveyance channel and outlet stabilization BMPs preventing erosion?	yes
64 Are temporary conveyance channels designed to withstand the 2-year, 24-hour frequency storm for the developed conditions?	yes

Element 8 BMPs	In Use	In Plan	Applied Per Spec	Maintained Per Spec	Effectiveness
65 Riprap channel lining	yes	yes	yes	yes	med
66 Check dam - geotextile-encased 8-01.3(6)A	n/a	yes	n/a	n/a	n/a
67 Check dam - rock 8-01.3(6)B	n/a	yes	n/a	n/a	n/a
68 Check dam - sand bag 8-01.3(6)C	n/a	yes	n/a	n/a	n/a
69 Check dam - wattle 8-01.3(6)D	yes	yes	yes	yes	med
70 Temporary Seeding 8-01.3(2)A	yes	yes	yes	yes	med
71 Erosion control blanket placement in channel 8-01.3(3)	n/a	yes	n/a	n/a	n/a
72 Sodding 8-02.3(16)	n/a	yes	n/a	n/a	n/a
73 Outlet protection	yes	yes	yes	yes	med

Element 9 - Control Pollutants	Y/N
74 Are all pollutants handled and disposed of in a manner that does not cause contamination of stormwater?	yes

Element 10 - Control Dewatering	Y/N
75 Is site ground water controlled, treated, and/or discharged per 8-01.3(1)C?	yes

Element 11 - Maintain BMPs	Y/N
76 Are BMPs maintained and/or repaired as required?	no

Element 12 - Manage the Project	Y/N
78 Are BMPs inspected at least once every five working days, each working day with a runoff event, and within 24 hours of the event?	yes
79 Is the TESC file on site with all inspection reports?	yes
80 Is the Contractor's Erosion Control Lead identified in the plan and currently certified?	yes
81 Has the TESC Plan been updated for current site conditions?	yes

Line Item Notes:

Line 6 and 11: Track-out was evident at all of the egress areas I viewed. Track-out issues will get much worse as the rain comes, so I recommend getting the contractor on top of maintaining them now. I recommend washing and adding rock as needed or installing steel rumble plates. Increase sweeping or install a tire wash as needed.

Line 33: If the worked stock piles will be left over the weekend, please cover them with plastic.

Line 59: The inlets along noise walls 2 and 3 are not being adequately protected. The below grate "witches hats" are full of debris and mud is all around the area, making turbid discharges highly likely. I recommend using grate covers in this area if possible or maintaing the protection more regularly. If these inlets are discharging to waters of the state, discharge points must be identified and reported on weekly until the area is stabilized and/or the inlets are plugged. Also the below grate protection at the discharge point in the median infiltration swale area needs to be maintained.

Line 74: The running generator in the median infiltration swale area needs secondary containment.

Line 76: I already mentioned the need to maintain the stabilized construction entrances and inlet protection devices throughout the site. I also noted a very full sediment bag in the median infiltration swale area. I recommend replacing or removing the bag. I don't think the water draining from the wall is dirty enough to warrant a new bag, I think dispersing the water through wattles in the vegetated median will be enough if the water stays as clean as it was on the day of the assessment.

Exhibit 12
SWPPP for Lakeview Area Maintenance Facility, revised December 2011

Stormwater Pollution Prevention Plan

For

Lakeview Area Maintenance Facility

Prepared by Maintenance Office

Washington State Department of Transportation

May 2009

-Revised December 2011-

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Site Map

Introduction

The Washington Department of Transportation (WSDOT) is regulated by Ecology for stormwater discharges to waters of the state, including municipal stormwater systems. A specific requirement of the stormwater permit is to develop and implement Stormwater Pollution Prevention Plans (SWPPP) for approximately 31 highway maintenance facilities.

The Lakeview Area Headquarters Facility (AHQ) SWPPP identifies, reduces, eliminates, and/or prevents the discharge of stormwater pollutants that may impact surface or groundwater quality. Many of the operational source control BMPs will deal primarily with good housekeeping (sweeping, cleaning, etc.), while others will deal with preventive maintenance and spill response. Structural source control BMPs (buildings, impervious pavement, etc.) and treatment BMPs (oil and water separators, ponds, etc.) are capital improvements that may be expensive to implement. Capital improvements identified for all WSDOT Maintenance facilities will be will be ranked by their potential to reduce pollutants to surface and groundwater resources. As funds are provided, by the State Legislature, those structural BMPs with the highest ranking will be constructed. All staff working at this site will be provided training on this SWPPP. Once training is completed the SWPPP should be implemented. This SWPPP is a living document and will be updated when operations or facility changes are made at this site.

Pollution Prevention Team

The pollution prevention team will be the group of individuals responsible for the implementation and the revision of the pollution prevention plan. This group will consist of individuals who are either overseeing the development of the plans, area maintenance superintendents, maintenance supervisors, lead technicians, and staff from region facilities. This team will monitor and follow up with maintenance site crews to ensure that the plan is being followed. The team will work together, as appropriate, to correct any deficiencies found during routine inspections.

Tom Gibbs	**Office:**	**253-983-7550**
Maintenance Superintendent	**Cell:**	**253-217-5232**
Joyce Komac	**Office:**	**253-983-7550**
Deputy Superintendent	**Cell:**	**360-509-3090**
Neil Beckman	**Office:**	**253-983-7550**
Assistant Maintenance Superintendent	**Cell:**	**253-377-4086**
Kevin Jones	**Office:**	**253-983-7550**
Maintenance Supervisor	**Cell:**	**253-377-9210**
Kelly McMullan	**Office:**	**360-357-2625**
Facility Planner	**Cell:**	**360-790-0997**
Norm Payton	**Office:**	**360-705-7848**
Stormwater & Environmental Policy Manager	**Cell:**	**360-561-5585**

Site Information

The Washington State Department of Transportation (WSDOT) Lakeview Area Headquarters Facility (AHQ) is located at 11211 41st Ave SW, Tacoma, WA. Lakeview is the Olympic Region Area 1 Headquarters. The entrance into Lakeview is located at the northwest corner of the property. This AHQ houses a crew of approximately 40 maintenance personnel, and includes offices, vehicle storage bays, herbicide fill bay, salt shed, above ground deicer tanks, truck/heavy equipment pre-wash pad, wash bay, fueling station, sand pile, garbage and recycling dumpsters, rock and gravel. There are 7 buildings and 2 large sheds on this site. Refer to the attached site map for specific location of buildings and stormwater pollution generating sources.

Building #1 contains a vehicle and heavy equipment repair shop, offices, conference room, and a crew room. The floor drains in this building flow to an oil and water separator which discharges to sanitary sewer.

Building #2 has seven vehicle storage bays and is also used for miscellaneous storage. There are no floor drains in this building

Building #3 contains offices, a crew room, vehicle storage bays, and sign storage. The floor drains in this building flow to an oil and water separator which discharges to sanitary sewer.

Building #6 contains a vehicle wash bay, chemical storage room, and a chemical fill bay. The wash bay drains to an oil and water separator located in front of the building and then discharges to sanitary sewer. Both the chemical fill bay and chemical storage room drain to dead end sumps.

Building #7 is an office. There are no floor drains in this building.

Building #8 is used to store equipment. There are three equipment storage bays in this building. There are no floor drains in this building.

Building #9 is and office. There are no floor drains in this building.

To the north of Building #1 is the entrance to the facility and the fuel island. The fuel island consists of two 11,632 gallon double walled fiberglass underground storage tanks which contain unleaded gasoline and diesel, and two fuel dispensers. There is an emergency shut off switch located to the south of the dispensers. The pavement around the fuel island is sloped northwest towards a catch basin located on 41st Ave W approximately 75 feet west of the fuel island.

To the south of Building #3 there is truck and heavy equipment parking area. The pavement in this area slopes towards two separate catch basins located off the southeast and southwest corners of the building. The catch basins are connected and discharge to the pond to the west.

To the west of Building #3 are two 5,000 and a 1,000 gallon above ground deicer tanks. The tanks have secondary containment.

To the northwest of Building #6 is the sand pile, conditioned sand, winter chemical storage shed, street sweeping storage shed, and garbage and recycling dumpsters. The pavement around the sand pile and outside these sheds is sloped south towards the retention pond.

The truck and heavy equipment prewash pad is located between Building #6 and Building #8. Wash water from the pre-wash pad drains into a trench drain that flows to a 1,000 gallon oil and water separator. The oil and water separator drains to the west and discharges to a small pond. The pond outfalls to the much larger retention pond.

To the north of Building #8 is the truck and heavy equipment parking area and guardrail storage. Drainage from the parking area goes to a catch basin located to the west that flows into a type 2 catch basin before discharging into a biofiltration swale that leads into the pond located on the west end of the facility.

West of the retention pond and immediately adjacent to the south fence line are piles of rock and gravel contained within jersey barriers. The graveled yard in this area drains towards the pond.

Potential Source Pollutants

1. Fuel Island
2. Winter Chemicals
3. Rock and Gravel Piles
4. Recycling and Garbage Dumpsters
5. Truck and Heavy Equipment Parking
6. Street Sweepings
7. Pre-Wash Pad
8. Galvanized Materials
9. Treated Lumber

Site Specific Good Housekeeping and Best Management Practices (BMPs) That Are To Be Implemented.

Best Management Practices are activities that can be done, either scheduled or periodically, to help prevent pollutants from entering water sources. Many of these practices are involved with simple housekeeping. Most of these practices need to be considered new ways of doing things, but some are temporary fixes until capital improvements can be made.

Winter Chemical (Solid) – The pavement surrounding the salt shed is sloped towards the pond. Spilled solid chemical should be swept up and placed back under cover as soon as possible. During a winter storm event, spilled material should be cleaned up as soon as the storm event is over. Prior to receiving a new shipment of solid chemical the pad in front of the shed should be swept. Once the salt has been loaded into the shed, the pad should be swept again. The collected salt should be placed in the shed.

Liquid Deicer – The deicer tanks are stored in secondary containment. All hoses from the tanks should remain inside the secondary containment when not in use. There should be routine monitoring of the hoses and their connections for any spills and leaks. Stormwater should be drained from the containment periodically, so spilled liquid deicer does not mix with storm water. The shut-off valve should remain closed at all times unless discharging stormwater.

Sand – The facility houses a large pile of uncovered sand. The amount of sand being stockpiled should be limited to the amount needed to meet annual operational needs. If the amount of sand being stockpiled is larger than this amount the pile should be reduced over time to reach this goal. The pavement around the sand pile as well as the entire facility should be swept at least once every month or as needed to remove soil particles and debris before it enters the storm drain system. The area around the sand pile should also be swept after loading and unloading trucks if material has been spilled.

Conditioned Sand – The conditioned sand should be stored separately from the sand and placed under cover. Mix only as much as needed for the upcoming storm event. Additional sweeping should be done after mixing conditioned sand. Spilled solid chemical should be swept up and placed back under cover as soon as possible. During a winter storm event, spilled material should be cleaned up as soon as the storm event is over.

Pre-Wash Pad – The pre-wash pad trench drain flows to an oil and water separator to a swale and into the pond. Sediment washed from trucks/equipment should be collected from the pad and trench drain on a routine basis to reduce the amount entering the oil and water separator. The trench drain should be inspected monthly and cleaned when needed.

Pavement – The pavement should be inspected monthly for sediment accumulation and unreported spills and leaks. All paved surface at this facility should be swept at least monthly or as needed to remove soil particles and debris so it does not enter the storm

drain system. Areas around the sand pile, salt shed, and street sweeping shed should be monitored closely.

Misc. Materials Stored Outside – Outside storage of miscellaneous materials (signs, guard rail, posts, etc) should be reduced to the minimum amount needed to meet operation needs.

Retention Pond/Bioinfiltration Swale/Oil and Water Separator/Catch Basin Maintenance – The drainage system will be inspected annually using Highway Runoff Manual maintenance standards. Maintenance should be performed on these structures when deficiencies are found.

Fuel Island – The fuel island is located at the entrance to the facility on pavement that is sloped to both the east and west sides of the island. On the west side of the island the pavement drains to a catch basin that discharges into the biofiltration swale that leads to the pond. A spill kit and spill response procedures should be located at the island. The fuel island should be properly signed. Routine monitoring for leaks, spills, or damages to tanks and pumps needs to occur.

Truck/Heavy Equipment Parking – The pavement is sloped towards a catch basin that discharges to the pond. Trucks and heavy equipment should be routinely monitored for leaks. If a leak is recognized the truck/equipment should be repaired immediately. If unable to repair the vehicle/equipment in a timely fashion a drip pan or absorbent material should be placed under the leak.

Site Specific House Keeping and Best Management Practices (BMPs) That Will Be Implemented If Funded.

Some stormwater BMPs whether it be operational, structural, or treatment can be quite expensive to implement or construct. Funding will need to be obtained from the State Legislature prior to these BMPs being constructed or implemented. In this section the BMPs will be separated into two categories, Operational BMPs and Capital BMPs. Each section will list the BMPs based on priority. The BMPs with the highest priority will be listed first.

Operational BMPs

There have been no stormwater operational BMPs identified at this facility that will need additional funding prior to implementation.

Capital BMPs

Covered Storage – The site is storing a substantial amount of galvanized guardrail and treated lumber. A cover should be constructed for these items. The building needs to be large enough, so that all materials in an average stock pile can be placed under cover.

Recycling Bin – A 25 yard recycling bin is located just north of the pond. Any material leaking from the bin will flow in the direction of the pond. A cover should be constructed over the recycling bin to prevent contaminants from leaching from this bin.

Fuel Island Trench Drains, Oil and Water Separator & Roof –A large spill from the fuel island could enter the catch basin located to the west of the island. A trench drain constructed on the west and the east ends of the fueling pad would collect spilled fuel and contaminated water flowing from the pad. This trench drain would be connected to an oil and water separator with discharge to the storm drain system or if allowed to sanitary sewer. The oil and water separator would be equipped with a shutoff valve, which could be closed in the event of a spill. If further funding became available the island should be equipped with a canopy to prevent the direct entry of precipitation on the fueling pad.

Completed Projects

Salt Shed Curtains – Completed April 2009 – Salt shed curtains were installed to further prevent salt from coming in contact with stormwater.

Spills and Leaks

There is no knowledge of a large spill at this facility in the past ten years. There have been minor leaks and spills at this facility, but have not required Ecology notification or any environmental cleanup. The biggest area of concern for a major spill at this facility is at the fuel island.

Appendix A

WSDOT Lakeview Area Headquarters Maintenance Facility
Spill Prevention & Response Plan
11211 41st Ave SW, Tacoma, WA 98499
253-983-7550

Spill Prevention:
Ensure all hazardous substances are properly labeled. Store, dispense, and/or use hazardous substances in a way that prevents release. Store hazardous materials within buildings. Provide secondary containment for drums in excess of 55 gallons. Maintain good housekeeping practices for all chemical materials at the facility.

Spill Procedures:
The general spill response procedure at this facility is to:

1. Assess the Risk – Human Health, Environment, Property
2. Select appropriate safety equipment – ensure the safety of yourself and others
3. Confine the spill – Plug catch basins, use absorbent socks, build dirt berms.
4. Stop the source – Close valve, upright drum, plug hole
5. Plan and Implement Cleanup - Contact HQ Maintenance if assistance is needed.
6. Disposal of contaminated material – Contact HQ Maintenance if assistance is needed.
7. Reports/Restock
8. Notifications

Because of the low potential for spills occurring at this facility the most likely spills to occur are small or incidental spills.

Emergency Contacts:
Immediately call 911 in the event of injury, fire or potential fire, spill of a hazardous substance that gives rise to an emergency situation, or release of a hazardous substance to the environment (i.e. ground, surface water, floor drains or storm water drains).

	Office	Cell
Tom Gibbs, Maintenance Superintendent	253-983-7550	253-217-5232
Joyce Komac, Deputy Superintendent	253-983-7550	360-509-3090
Neil Beckman, Asst. Maintenance Superintendent	253-983-7550	253-377-4086
Scott Shannon, Regional Maint. Environmental Coord.	360-570-6707	360-280-3042
HQ Maintenance – Environmental Services Branch	360-705-7850	
WA State Dept. of Ecology	360-407-6300	
Kelly McMullan, Facility Planner	360-357-2625	360-790-0997
Dept. of Emergency Management (EMD)	1-800-258-5990	
National Emergency Response Center (NERC)	1-800-424-8802	

- Ecology must be notified in a timely manner when any amount of regulated waste or hazardous material that poses an imminent threat to life, health or the environment is released to the air, land, or to waters of the state.
- The Emergency Management Division (EMD) must be notified when oil or hazardous substances enter any water of the state (including storm drains and drainage ditches). EMD may be called in lieu of Ecology.
- The National Response Center (NERC) and WA Emergency Management Division (EMD) must be notified when oil or hazardous materials are spilled to state waters.

When making the notification be prepared to give the following information.

- Where is the spill?
- What spilled?
- How much spilled?
- How concentrated is the spilled material?
- Who spilled the material?
- Is anyone cleaning up the spill?
- Are there resource damages (e.g. dead fish)?
- Who is reporting the spill?
- How can we get back to you?

Spill Preparedness
The attached site diagram shows the stormwater drainage system, and areas where hazardous materials and spill kits are stored.

Spill kit contents

3-30 Gallon	1-20 Gallon
Catch Basin Plug	Universal Absorbent Socks
Oil Only Absorbent Socks	Universal Absorbent Pads
Oil Only Absorbent Pads	Granular Absorbent
Plug & Dike	Nitrile Gloves
Granular Absorbent	Plastic Garbage Bag
Plastic Garbage Bag	

Appendix B

Pollution Generating Sources

Fuel Island – Stormwater contamination usually is caused by spills, leaks, oils, and any other fluid that can be leaked from a vehicle.

- A spill kit should be located at the fuel island.
- If a catch basin can receive spills from the fuel island a storm drain cover should be included in the fuel island spill kit.
- Spill emergency information, diagrams, and appropriate clean-up methods should be posted at island.
- Spills should be cleaned up immediately.
- The person conducting the fuel transfer should remain at the vehicle while fueling.
- The following signs shall be posted at the fuel island…..
    - Post "No Topping Off" sign.
    - Post "In Case of Spill Contact _____".
- Post the location of the emergency shut-off valves if so equipped
- Routinely inspect storage tanks and pumps for leaks, damages, and to ensure everything is operating properly.
    - TEF conducts visual inspections of tanks, pumps, and hoses for leaks monthly.
    - A tank test and leak test are done annually by a third party.
- The fueling area should be paved. If asphalt pavement is removed during a retrofit it should be replaced with Portland cement concrete.

Signage – The following signs will be posted at all fuel islands:

- In Case Of Fire, Spill Or Release
  1. Use Emergency Pump Shutoff
  2. Report The Accident!
  Fire Department Telephone No. _____
  Facility Address _____

- 1. No smoking.
  2. Shut off motor.
  3. Discharge your static electricity before fueling by touching a metal surface away from the nozzle.
  4. To prevent static charge, do not reenter your vehicle while gasoline is pumping.
  5. If a fire starts, do not remove nozzle—back away immediately.
  6. It is unlawful and dangerous to dispense gasoline into unapproved containers.
  7. No filling of portable containers in or on a motor vehicle. Place container on ground before filling.

Garbage Dumpsters – Dumpsters usually contain wood debris, scrap metals and plastics from car wreckage, boxes, and rubber from tire blow-outs. Dumpsters are not built water tight, and thus pollutants can leak out onto the ground. If the container is not covered rain water can come into contact with potential contaminants within the dumpster. This contaminated water can leak out through holes and cracks in the bottom of the unit and could contaminate surface water. Contaminant of concern could be heavy metals, and oils. Garbage dumpsters that could leach to surface water needs to be covered when not being used. Possible covers include a lid, roof, or tarp. Keep liquids out of the dumpster.

Metal Recycling Bins – Recycling bins are not built water tight, and thus pollutants can leak out onto the ground. If the container is not covered rain water can come into contact with potential contaminants within the dumpster. This contaminated water can leak out through holes and cracks in the bottom of the unit and could contaminate surface and groundwater. Contaminant of concern could be heavy metals. Metal recycling bins need to be covered when not being used. They will need to be covered when not being visited regularly, as well as nights and weekends. Possible covers include a lid, roof, or tarp.

Metals – Galvanized materials. Metals coated in zinc, when open to the elements, dispense zinc into stormwater.

- Metals should be stored off the ground and away from storm drains.
- Materials stored near a storm drain need to be covered.
- To better control inventory levels only carry enough materials expected to be used in the upcoming year plus a minimal additional amount for unexpected occurrences.

Misc. Materials Stored Outside

- If possible store miscellaneous materials containers under a roof, or other appropriate cover, or in a building if at all possible.
- Outside storage of miscellaneous materials (signs, guard rail, posts, etc) should be reduced to the minimum amount needed to meet operation needs.

Outdoor Vehicle and Heavy Equipment Maintenance and Storage Areas

- Vehicle and equipment maintenance should be performed indoors if possible.
- If maintenance should be performed outdoors minimize exposure to rain if possible.
- Maintenance should take place on an impervious surface if conducted outside.
- Drip pans or containers are kept under the vehicles at all times during maintenance.
- Fluids are drained from any retired vehicles kept on-site awaiting disposal. Drip pans or containers are kept under the vehicles.
- Outside vehicle and heavy equipment maintenance and storage areas should be located away from stormwater conveyances, and water bodies where possible based on site constraints. When these areas cannot be located away from

conveyances and water bodies pollution reduction measures (such as berms or secondary containment) should be implemented.

Pavement – Paved areas can be sources of oils and greases, other organic compounds, metals, and sediment that can contaminate surface and groundwater.

- Routinely monitor pavement for leaks, spills, and sediment.
- Leaks and spills should be cleaned up immediately.
- Drip pans should be used under leaking vehicles or equipment.
- Pavement should be swept monthly or more frequently as needed to collect dirt, waste, and debris.
- Do not wash down the pavement to a storm drain or conveyance system.

Pre-wash Pad - Water used to knock off dirt from trucks and heavy equipment will contain suspended solids, and may contain small amounts of oils and grease, and heavy metals that can contaminate stormwater.

- No soaps are to be used at these pads.
- Only cold water is to be used.
- Clean the pad regularly to limit debris buildup
- Routinely monitor the drainage system and oil/water separator, for sediment and oil. Perform maintenance as needed.

Sand, Gravel, and Clean Fill – Sediment (silt, soil, and sand particles) associated with sand, gravel, and fill may impact water. Sediment is a contaminant in surface water.

- Minimize the amount of material that is stored.
- Locate storage piles away from storm drains, drainage systems, and water bodies.
- Stockpiles greater than 5 cubic yards or erodible or water soluble materials such as soil, unwashed sand and gravel that discharges to surface water should be covered with plastic sheeting (polyethylene, polypropylene, hypalon, or equivalent) unless runoff from these piles flows to a stormwater treatment feature.
- For large stockpiles that cannot be covered, prevent run-on of uncontaminated stormwater and collect and convey runoff to a stormwater treatment feature.
- Sweep paved storage areas regularly for collection and disposal of loose solid materials.

Storage of Containers and Tanks

- Store containers under a roof, or other appropriate cover, or in a building if at all possible.
- Containers should be labeled with product and hazard information.
- Hazardous material containers should be stored in a designated area in an orderly manner.

- Storage areas should be located away from floor drains, stormwater conveyances, and waterbodies where possible based on site constraints. When storage areas cannot be located away from conveyances and water bodies pollution reduction measures (such as berms or secondary containment) should be implemented.
- Products should be stored on an impervious surface.
- Containers should be approved to contain the product being stored.
- Containers and tanks should be protected from vehicle impact.
- Storage areas should be secure to discourage unauthorized use and/or vandalism.
- Spill kits or absorbent materials should be located in high risk areas.
- Containers and attached fittings, pipe connections, and valves should be inspected monthly for leaks, spills, and signs of deterioration.
- Place adequately sized drip pans beneath all mounted taps and drip/spill locations during filling/unloading of tanks.
- Sweep and clean the tank storage area regularly, if paved.
- Replace or repair tanks that are leaking, corroded or otherwise deteriorating.

Portable Tanks – Includes all of the above in addition to:

- Park trucks with portable tanks away from floor drains, stormwater conveyances, and waterbodies if at all possible.
- Maintain appropriate spill equipment and materials on all trucks.
- Do not fill tanks completely, to prevent spills from occurring.

Street Sweepings – Sweepings are typically contaminated with hydrocarbons and metals. They can also cause additional sediment build-up if not routinely swept up.

- Do not store near a catch basin or body of water.
- When unloading sweepings dump directly on pre-existing pile.
- If unable to dump on existing pile then dump near it and force sweepings back into the pile.
- Sweep around the pile after unloading the sweepings as well as when needed.
- If being stored on pavement, cover the sweepings when not being used.

TEF Shops – Vehicle and heavy equipment repair shops deal with many types of source pollutants. These shops contain items such as engine oil, gear lube, hydraulic oil, automatic transmission fluid, antifreeze, windshield washer fluid, brake fluid, batteries, cleaning supplies and any other hazardous materials that can be thought of.

- Label containers with product and hazard information.
- Protect containers from vehicle impact.
- Have necessary absorbent or spill kits nearby to clean up any spills.
- Store products or materials in original containers. If not in the original container, then in compatible containers and label correctly.
- Gravity drain oil filters before disposal.
- Manage oil and fuel drained from filters as used oil.

- Recycle used antifreeze.
- Contain and properly dispose of any leaking battery.
- Use water based or biodegradable cleaners when possible.
- Contact HQ Maintenance for disposal assistance.

Treated Lumber – Identified as any lumber that has been chemically enhanced. When treated lumber is open to rainwater, the chemicals used to treat it can seep out causing contamination.

- Lumber should be stored off the ground.
- If it can't be stored off the ground than it needs to be stored on a paved surface.
- When possible cover treated lumber.
- Regulate stock levels.

Vegetation Management and Chemical Storage – Comprising of anything used to control or eliminate pests. Contaminates could include toxic organic compounds, heavy metals, oils, suspended solids, bacteria, fertilizers, and pesticides.

- All chemicals should be correctly labeled and in a secure area designated only for authorized personnel
- Create a list of selected chemicals and their uses. Choose the least chemical that is still able to complete the job.
- There should be no more inventory than what is need for that particular year.
- Do not mix more than what is needed for any one particular day.
- Pesticides should not be stored, mixed, or loaded near any storm drain.
- A spill kit should be accessible and in the chemical storage area.

Vehicle Parking – Areas generally reserved for fleet vehicles tend to go unnoticed as potential pollutant sources. These are usually paved areas with at least one catch basin near by. This is a source for pollutants due to the fact that many of these vehicles either don't get serviced regularly or just leak for whatever reason. Some pollutant sources are oils and greases, metals, organic compounds, and suspended solids.

- Routinely monitor these areas for leaks.
- Vehicles that appear to be leaking need to be worked on immediately.
- If unable to address the leak immediately than a drip pan or some form of suitable absorbent pad should be placed where the drip appears.
- All the vehicles in these areas need to be moved once a month or as needed to allow for a street sweeper to collect built-up debris.

Winter Operations – Winter maintenance chemicals are non-hazardous. However large quantity spills and small spills that occur over a long period of time may contaminate groundwater drinking water sources, and potentially surface water.

Winter Chemical (Solid)

- Manage only the chemical needed for the season.
- Products will be stored in designated areas.
- Designated areas should be located away from storm drains and water bodies.
- Ideally solid chemical will be stored in a covered shed that protects it from precipitation.
- If a covered shed is not available solid chemical will be covered with plastic sheeting (polyethylene, polypropylene, hypalon, or equivalent).
- For facilities that do not have a covered shed, product remaining at the end of the season should be transferred to a yard that does as soon as possible.
- Spilled solid chemical should be swept up and placed back under cover as soon as possible. During a winter storm event, spilled material should be cleaned up as soon as the storm event is over.
- Solid chemical should be stored on an impervious surface that is sloped so that stormwater does not come into contact with the solid chemical.

Winter Chemical (Mixing and Loading Solids)

- If possible solid chemical should be dumped directly into the storage shed.
- If it is not possible to directly dump into the storage shed the following procedure should be followed.
    - Try to obtain solid chemical on a day when precipitation is not expected.
    - Sweep the impervious pad immediately in front of the storage shed prior to delivery of new product.
    - Have the delivery truck dump the solid chemical as close to the storage shed as possible. Immediately push the chemical into the storage shed with a loader.
    - Sweep the impervious pad to pick up any residual chemical and place it into the storage shed.

Conditioned Sand – Sand mixed with solid chemical

- Only condition the amount of sand expected to be used during the upcoming winter storm event.
- Conditioned sand will be stored in designated areas.
- Designated areas should be located away from storm drains, drainage systems, and water bodies.
- Segregate conditioned sand from unconditioned sand.
- Conditioned sand should be placed in a covered shed if available or should be covered with plastic sheeting (polyethylene, polypropylene, hypalon, or equivalent).
- Spilled conditioned sand should be swept up and placed back in the conditioned sand pile.
- For conditioned sand that cannot be covered, store on an impervious surface that is sloped to prevent stormwater from running onto the pad and coming in contact with the solid chemical.

Winter Chemical (Liquid)

- Protect tanks from vehicle impact.
- Install and maintain hose connections so that the flange couplings are protected and leaks are reduced.
- Valves should remain closed when not in use.
- Label tanks with product information.
- Inspect tanks and pipes monthly for leaks, spills, and deterioration.
- Permanent tanks must be located in impervious secondary containment surrounded by dikes or UL approved double-walled. The dike must be of sufficient height to provide a containment volume of either 10 percent of the total enclosed tank volume or 110 percent of the volume contained in the largest tank, whichever is greater, or if a single tank, 110 percent of the volume of that tank.
- All hoses and connections should be confined to secondary containment.
- Shut-off valves for secondary containment should remain closed at all times, unless draining rainwater.
- Liquid deicer mixed with rainwater needs to be disposed of properly.
    - Pumped back into tanks
    - Discharged to sanitary sewer
    - Used on roads as dust suppressant
- Leave product remaining at the end of the season in the tank.