

BMP Data Report

Sum	Average	Max	Min	First	Last
1.0000	1.000000	1.0000	1.0000	1.0000	1.0000

Files

Photos

18. 3-1. MS4 Mapping.

Create and maintain a map of the MS4 that includes all outfalls, receiving waters, structural BMPs, stormwater conveyances, combined sewers, and geographic areas that discharge to the MS4 (§3.a).

Implementation Tasks

Task	Due Date	Implemented	Date Completed
1. Milestone - Prioritize receiving waters for visual inspection (§3.c.i) and begin mapping the two highest priority watersheds to assist in the detection and elimination of illicit discharges.	10/29/2011	<input checked="" type="checkbox"/>	10/24/2011

Activities

Activity Date	Activity Description
1. 03/13/2012	Developed a map on GIS. Map can be found under BMP data /files and hard copy in files.
2. 03/13/2012	Have started mapping the outfalls and storm systems, and sewer systems for entire campus.

Task	Due Date	Implemented	Date Completed
2. Milestone - Complete the outfall map for the two highest priority watersheds.	06/29/2012	<input checked="" type="checkbox"/>	04/29/2012

Activities

Activity Date	Activity Description
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1. 09/29/2012 There are currently approximately 65 outfalls that have been indentified at all three watersheds. These outfalls have been numbered and located on a map.

3. Milestone - Complete the outfall map for the third highest priority watershed.

Activities

Activity Date	Activity Description
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4. Milestone - Complete the outfall map for the remaining watersheds. 07/29/2014 02/27/2012

Activities

Activity Date	Activity Description
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1. 02/27/2012 test

Measurable Goals

Goal	Permit Year	Due Date	GoalMet	Date Goal Met
1. For public access and review, print out a map of each watershed as outfall mapping and MS4 mapping is completed (§3.a.iv).	2012	07/29/2012	<input checked="" type="checkbox"/>	10/12/2011

Activities

Activity Date	Activity Description
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1. 10/12/2011 Update Evansdale map on GIS as outfalls are located.
2. 09/11/2012 Stormwater system and outfall maps have been created and are updated as needed on GIS. The office of Planning has also just hired a person to compile all current information of maps of all utilities. No maps have been printed at this time due to finalization. Smaller maps can be printed as needed.

BMP Data Report

- 2. Complete the MS4 map for the entire campus (§3.a.i).

Activities

Activity Date Activity Description

- 3. Review each MS4 map and update as necessary (§3.a).

Activities

Activity Date Activity Description

Data Type

Date Entered	Location	Data Type	Quantity	Unit	Cost
Activity		Comment			
1.		Old Outfalls removed		txtDataEntry UnitName1	

Data Type Summary

2.	10/18/2011	Evansdale Campus	New Outfalls added	10.0000	txtDataEntry UnitName1	0.00
		Initail Outfall Inspection	Location of outfalls in field, label, photos			

BMP Data Report

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|----|------------|---------------------------------------|---|
| 1. | 10/17/2011 | Prioritized Watersheds | www.ms4web.com/MS4_WV_WVU\Best Management Practice\Files\oeOiGbi3IS.pdf |
| 2. | 01/23/2012 | Watershed #1 Outfalls as of 1-23-2012 | www.ms4web.com/MS4_WV_WVU\Best Management Practice\Files\UzRifTx4Z.pdf |

Photos

19. 3-2. Plan of Action.

Establish a Plan of Action that prohibits and eliminates non-stormwater discharge, spills, illicit connections, and illegal dumping into the MS4 and establishes enforcement mechanisms and authority (§3.b).

Implementation Tasks

Task	Due Date	Implemented	Date Completed
1. Milestone – Consider stakeholder input and begin drafting the IDDE Plan of Action.	10/29/2011	<input checked="" type="checkbox"/>	11/11/2011

Activities

Activity Date	Activity Description
1. 11/11/2011	Draft IDDE plan was revised and presented to stakeholders for comments.
2. 03/13/2012	IDDE draft plan can be viewed on the MS4 manager under BMP data/files. 3-2.

- | | | | | |
|----|---|------------|-------------------------------------|------------|
| 2. | Milestone – Begin the process to define responsibility for MS4 operation and maintenance between adjacent MS4 entities (§3.a.ii). | 01/29/2012 | <input checked="" type="checkbox"/> | 03/15/2012 |
|----|---|------------|-------------------------------------|------------|

Activities

Activity Date	Activity Description
1. 03/15/2012	Meeting with Nick Webb and Ken from MUB about developing a budget for maintenance from the fee WVU pays to MUB. Will be placed in writing later.-Lemme

BMP Data Report**Measurable Goals**

Goal	Permit Year	Due Date	GoalMet	Date Goal Met
1. Complete the IDDE Plan of Action, including standards by which non-prohibited and conditionally permitted discharges may discharge into the MS4 (§3.b.ii).	2012	01/29/2012	<input checked="" type="checkbox"/>	02/01/2011

Activities

Activity Date	Activity Description
1. 09/10/2012	The IDDE plan for WVU is slightly different than that of a city municipality. WVU will continue to investigate existing system to identify and eliminate any illicit discharges. WVU differs from a city, by being a smaller system. With no identified businesses that have potential to discharge from WVU. The major areas that have been identified are active construction sites and renovation projects.

2. Incorporate elements of the IDDE Plan of Action into the Design Guidelines and Construction Standards where applicable.	2012	06/29/2012	<input type="checkbox"/>	06/28/2012
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Activities

Activity Date	Activity Description
1. 06/28/2012	Elements of the IDDE Plan of Action will be incorporate in D&C standards focused on the area of dumpster pads. Other areas will be reevaluated each year. Other suggestions will include if applicable to remove storm drains from the sanitary system during renovations of existing buildings.
2. 06/28/2012	IDDE standards will also be incorporated into D&C standards for the flushing of new water lines for dechlorination prior to discharge/flushing a new water line.

3. Incorporate elements of the IDDE Plan of Action into vendor contracts where applicable (BMP 1-9).	<input type="checkbox"/>
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Activities

Activity Date	Activity Description
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BMP Data Report

4. Define funding source to implement the program (§3.b).

Activities

Activity Date Activity Description

5. Review the Plan of Action and update as necessary.

Activities

Activity Date Activity Description

Data Type

	Date Entered	Location	Data Type	Quantity	Unit	Cost
	Activity		Comment			
1.	11/01/2011	FM building	IDDE plan reviews	1.0000	txtDataEntry UnitName1	0.00
		IDDE draft plan review	Comments by Mike Trantham			

Data Type Summary

Sum	Average	Max	Min	First	Last
1.0000	1.000000	1.0000	1.0000	1.0000	1.0000

Files

Photos

BMP Data Report**20. 3-3. Inspection Procedures.**

Develop procedures for field assessment activities, including visual inspection of outfalls, characterization of the nature of illicit discharges, tracing the source of illicit discharges, and removal of the source of the discharge (§3.c. ii - v).

Implementation Tasks

Task	Due Date	Implemented	Date Completed
1. Milestone – Consider stakeholder input and begin drafting the IDDE field assessment procedures.	03/29/2012	<input checked="" type="checkbox"/>	04/27/2012

Activities

Activity Date	Activity Description
1. 04/27/2012	The IDDE field assessment procedures will be incorporated within the IDDE Plan of Action. This section will deal mainly with develop and use of the inspection form. -Lemme

2. Milestone – Consider updating the Plan of Action to include procedures for monitoring Fecal Coliform from discharges from the ponds at the Animal Science Farm.

**Activities**

Activity Date	Activity Description
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Measurable Goals

Goal	Permit Year	Due Date	GoalMet	Date Goal Met
1. Complete the IDDE field assessment procedures consistent with the standards in the General Permit.			<input type="checkbox"/>	

Activities

Activity Date	Activity Description
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BMP Data Report

2. Review the field assessment procedures and update as necessary.

Activities

Activity Date Activity Description

Data Type

<u>Date Entered</u>	<u>Location</u>	<u>Data Type</u>	<u>Quantity</u>	<u>Unit</u>	<u>Cost</u>
<u>Activity</u>		<u>Comment</u>			
1.		Inspection Procedures review		txtDataEntry UnitName1	

Data Type Summary**Files****Photos****21. 3-4. Outfall Inspection.**

Implement the IDDE program to detect and eliminate non-stormwater discharge, spills, illicit connections, and illegal dumping into the MS4.

Implementation Tasks

BMP Data Report

Task	Due Date	Implemented	Date Completed
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|---|--|--------------------------|--|
| 1. Milestone - Begin assessment of outfalls within the two watersheds designated as the highest priority for potential illicit discharge. | | <input type="checkbox"/> | |
|---|--|--------------------------|--|

Activities

Activity Date	Activity Description
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- | | | | |
|---|------------|--------------------------|--|
| 2. Milestone - Begin assessment of outfalls within the two watersheds designated as the highest priority for potential illicit discharge. | 12/29/2012 | <input type="checkbox"/> | |
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Activities

Activity Date	Activity Description
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Measurable Goals

Goal	Permit Year	Due Date	GoalMet	Date Goal Met
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|--|--|--|--------------------------|--|
| 1. Complete assessment of all outfalls within the two watersheds identified as the highest priority for potential illicit discharge (§3.c.ii). | | | <input type="checkbox"/> | |
|--|--|--|--------------------------|--|

Activities

Activity Date	Activity Description
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- | | | | | |
|---|--|--|--------------------------|--|
| 2. Complete assessment of all outfalls within the watershed identified as the third highest priority for potential illicit discharge (§3.c.ii). | | | <input type="checkbox"/> | |
|---|--|--|--------------------------|--|

Activities

Activity Date	Activity Description
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- | | | | | |
|---|--|--|--------------------------|--|
| 3. Complete assessment of all outfalls. | | | <input type="checkbox"/> | |
|---|--|--|--------------------------|--|

Activities

BMP Data Report

Activity Date	Activity Description
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Data Type

Date Entered	Location	Data Type	Quantity	Unit	Cost
Activity		Comment			
1.		Dry Weather Inspections		txtDataEntry UnitName1	

Data Type Summary

2.		Wet Weather Inspections		txtDataEntry UnitName1	
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Data Type Summary

3.	10/18/2011	Evansdale Campus	Initial outfall Inspections	10.0000	txtDataEntry UnitName1	0.00
		Watershed #1 Outfalls	Located, label, initial inspection			

BMP Data Report**Data Type Summary**

Sum	Average	Max	Min	First	Last
27.0000	9.000000	12.0000	5.0000	10.0000	12.0000

4. 10/19/2011 Evansdale Campus Initial outfall Inspections 5.0000 txtDataEntry 0.00
UnitName1
Watershed #1 outfalls Locate, label, photo of outfalls

Data Type Summary

Sum	Average	Max	Min	First	Last
27.0000	9.000000	12.0000	5.0000	10.0000	12.0000

5. 10/28/2011 Evansdale Campus Initial outfall Inspections 12.0000 txtDataEntry 0.00
UnitName1
Watershed #1 Outfalls Locate, label, photo of outfalls around Coliseum

Data Type Summary

Sum	Average	Max	Min	First	Last
27.0000	9.000000	12.0000	5.0000	10.0000	12.0000

Files

BMP Data Report**Photos**

22. 3-5. Staff Training.

Train field staff and other employees on ways to identify and report non-stormwater discharges, spills, illicit connections, and illegal dumping (§3.f) (BMP 1-2).

Implementation Tasks

Task	Due Date	Implemented	Date Completed
1. Milestone - Identify the staff and their roles participating in the IDDE Program.	04/29/2012	<input checked="" type="checkbox"/>	04/26/2012

Activities

Activity Date	Activity Description
1. 04/26/2012	The two main groups participating in the IDDE Program would be EHS and Roads and Grounds. EHS personnel will be conducting mapping, and outfall reconnaissance. Roads and Grounds personnel conduct regular landscape maintenance that will allow them to view more obscure areas more often than other WVU personnel. Other roles will be provided from MUB and WVDOH during implementation of their MS4 programs for possible detection of illicit discharges.

2. 04/27/2012 WVU personnel that work out of the plumbing shop will also be trained in the IDDE program.-Lemme

2. Milestone – Obtain and compile training materials to use to train staff for the different functions in the IDDE Program.	06/29/2012	<input checked="" type="checkbox"/>	06/26/2012
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Activities

Activity Date	Activity Description
1. 06/26/2012	Research on different materials for training staff on the IDDE program has started to be obtained. Materials at this time include but are not limited to you tube videos, flyers/handouts, pamphlets, EPA IDDE training manual. Other materials will be added and deleted as training progresses and WVU determines which material are most effective of conveying information.

BMP Data Report**Measurable Goals**

Goal	Permit Year	Due Date	GoalMet	Date Goal Met
1. Train staff who will participate in field assessments on appropriate methods to identify, trace, and remove the source of an illicit discharge.	2012	07/29/2012	<input checked="" type="checkbox"/>	09/11/2012

Activities

Activity Date	Activity Description
1. 07/26/2012	Appropriate staff will be trained on methods to identify, trace, and remove sources of illicit discharges during training providing with the SPCC plan. The main groups identified outside of EHS are the plumbing shop and rounds and grounds.
2. 09/11/2012	Training will be coordinated with the EHS training department to include and conduct training with WVU staff from roads and grounds and the plumbing department to assist in the IDDE program. The main point of contact for IDDE at this time will be Brian Lemme, he will conducted outfall inspections and coordinate with appropriate WVU personnel in eliminating any IDD's.

2. Train field assessment staff on effective methods to identify emergencies and contain spills.	2012	07/29/2012	<input checked="" type="checkbox"/>	07/26/2012
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Activities

Activity Date	Activity Description
1. 07/26/2012	Staff will be training on methods to identify emergencies and contain spills in conjunction with the SPCC plan.
2. 09/11/2012	No formal training schedule has been developed at this point. Training will be developed and determine how often training is needed.

3. Train staff who will operate the IDDE hotline on how to respond to calls (BMP 3-6).			<input type="checkbox"/>	
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Activities

BMP Data Report

Activity Date Activity Description

- 4. Train support staff and other field staff who work in the department that is assigned to perform field assessments on their department's role in eliminating illicit discharge (§3.f).

Activities

Activity Date Activity Description

- 5. Train other staff in other departments who may come into contact with illicit discharge through their field work on illicit discharge identification and reporting procedures (§3.f).

Activities

Activity Date Activity Description

- 6. Refresh training annually.

Activities

Activity Date Activity Description

Data Type

Date Entered	Location	Data Type	Quantity	Unit	Cost
Activity		Comment			
1.		IDDE Staff training		txlDataEntry UnitName1	

BMP Data Report**Data Type Summary****Files**

Photos

23. 3-6. Public Education.

Educate the general public about the hazards associated with illicit discharges and improper waste disposal (§3.d) (BMP 1-1).

Implementation Tasks

Task	Due Date	Implemented	Date Completed
1. Milestone - Conduct an inventory, analysis, and selection of the communications tools available to distribute information about the hotline to vendors and contractors, faculty, staff, students, and campus visitors.	03/29/2012	<input checked="" type="checkbox"/>	04/03/2012

Activities

Activity Date	Activity Description
1. 04/03/2012	WVU will distribute stormwater information about the IDDE hotline for reporting of spills or other Illicit Discharges through two forms, Print media and Electric Media.

2. Milestone - Complete the development of those communications tools determined to be the most effective in distributing information about the hotline.

Activities

Activity Date	Activity Description
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BMP Data Report**Measurable Goals**

Goal	Permit Year	Due Date	GoalMet	Date Goal Met
1. Publicly list and publicize a hotline for reporting of spills, illicit discharges (§3.d.i), and pet waste.	2012	03/29/2012	<input checked="" type="checkbox"/>	09/10/2012

Activities

	Activity Date	Activity Description
1.	04/26/2012	A centralized hotline telephone number has not been determined and publicly post at this time. If a problem is detected the public can report via email or using a simple form on the WVU EHS website to comment or ask questions about stormwater.
2.	09/10/2012	The main hotline number for reporting illicit discharges will be 304-293-8742. This number is started to be posted on all Public notice signs for construction projects. The phone number will also be publicized more as the program evolves.

2. Distribute IDDE educational program to the general public.

Activities

	Activity Date	Activity Description
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Data Type

Date Entered	Location	Data Type	Quantity	Unit	Cost
Activity		Comment			
1.		IDDE brochures distributed		txtDataEntry UnitName1	

BMP Data Report**Data Type Summary****Files**

Photos

24. 3-7. Pollution Control.

Develop operation and maintenance programs for all materials that pose a reasonable threat to discharge into the MS4 (BMP 6-1).

Implementation Tasks

Task	Due Date	Implemented	Date Completed
1. Milestone - Create an inventory of fuel tanks, vehicle storage and maintenance areas, hazardous waste lockers, herbicide/fertilizer storage, oil disposal facilities, trash transfer stations, salt storage, and storage areas for other materials that have the potential to impact water resources.		<input type="checkbox"/>	

Activities

Activity Date	Activity Description

Measurable Goals

Goal	Permit Year	Due Date	GoalMet	Date Goal Met
1. Develop an operation and maintenance program for the storage and use of each type of potential pollutant.			<input type="checkbox"/>	

Activities

9/11/2012

BMP Data Report

Activity Date	Activity Description
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Data Type

Date Entered	Location	Data Type	Quantity	Unit	Cost
Activity		Comment			
1.		O&M programs developed		txtDataEntry UnitName1	

Data Type Summary**Files****Photos****25. 4-1. Define Authority.**

Develop a Plan of Action that defines authority for erosion and sediment control plan review, site inspection, and enforcement at construction sites with land disturbance activities of one acre or greater (§4.a).

Implementation Tasks

Task	Due Date	Implemented	Date Completed
1. Milestone – Consider stakeholder input and begin drafting the Construction Site	03/29/2012	<input checked="" type="checkbox"/>	04/10/2012