

BMP Data Report**1. 1-1 General Public Education.**

Obtain and compile a set of educational tools for general distribution to communicate impacts of stormwater into surface waters §1.a). The eight subject areas for distribution to the general public shall include:

- General impacts of stormwater flows to surface waters
- Impacts from impervious surfaces
- Pet waste
- Vehicle maintenance
- Landscaping
- Water reuse
- Impacts of illicit discharges and reporting
- Reducing the 18 conditionally permitted discharges to the MS4 listed in Part I. C of the permit.

Implementation Tasks

Task	Due Date	Implemented	Date Completed
1. Milestone - Conduct an inventory, analysis, and selection of the communications tools available to distribute stormwater management concepts to 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 through two forms, Print media and Electric Media. Also see information related to BMP 1-2 Milestone.

2. Milestone - Develop those communications tools determined to be the most effective at distributing stormwater management concepts to the general public.	03/29/2012	<input checked="" type="checkbox"/>	03/27/2012
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Activities

Activity Date	Activity Description
1. 03/27/2012	Educational material is updated and added as need to the MS4 manager website. It can be viewed under the WVUpublic user name. Adddional information will be added as needed, and possible added to the EHS website.

BMP Data Report**Measurable Goals**

Goal	Permit Year	Due Date	GoalMet	Date Goal Met
1. Develop and maintain the WVU website dedicated to the SWMP to provide easy access to SWMP content, educational materials, and activities (BMP 2-3).	2012	03/29/2012	<input checked="" type="checkbox"/>	04/25/2012

Activities

	Activity Date	Activity Description
1.	05/01/2011	SWMP was posted on EHS website. Account allows tracking of hits to Stormwater page.
2.	04/25/2012	Additional material will be created and posted on website as developed.
3.	04/25/2012	Materials will also be posted on the MS4 manager for access, once security issues are worked out.

2. Distribute Public Outreach and Education Program to the general public.	2012	09/29/2012	<input type="checkbox"/>
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Activities

	Activity Date	Activity Description
1.	06/15/2011	Kathy handedout 12 General Stormwater Brochures.
2.	05/09/2011	Provided Brochures at Emplpyoee fest.
3.	11/17/2011	Kathy handed out 30 Stormwater brochures at training.

BMP Data Report**Data Type**

	Date Entered	Location	Data Type	Quantity	Unit	Cost
	Activity		Comment			
1.	05/09/2011	Mt. Lair	Flyers and Brochures Distributed	250.0000	txtDataEntry UnitName1	0.00
		Employee Fest	EHS Booth			

Data Type Summary

Sum	Average	Max	Min	First	Last
362.0000	120.666666	250.0000	12.0000	250.0000	100.0000

2.	06/15/2011	Training	Flyers and Brochures Distributed	12.0000	txtDataEntry UnitName1	0.00
		New employee Training				

Data Type Summary

Sum	Average	Max	Min	First	Last
362.0000	120.666666	250.0000	12.0000	250.0000	100.0000

3.	09/29/2011	Faculty	Flyers and Brochures Distributed	100.0000	txtDataEntry UnitName1	0.00
			Kathy made packets to hand out.			

Data Type Summary

BMP Data Report

Sum	Average	Max	Min	First	Last
362.0000	120.666666	250.0000	12.0000	250.0000	100.0000

4. Website Updates txtDataEntry
UnitName1

Data Type Summary

Sum	Average	Max	Min	First	Last
362.0000	120.666666	250.0000	12.0000	250.0000	100.0000

5. Surveys Conducted txtDataEntry
UnitName1

Data Type Summary

Sum	Average	Max	Min	First	Last
362.0000	120.666666	250.0000	12.0000	250.0000	100.0000

6. Stormwater Website txtDataEntry
UnitName1

Data Type Summary

BMP Data Report

Sum	Average	Max	Min	First	Last
362.0000	120.666666	250.0000	12.0000	250.0000	100.0000

Files

1.	10/12/2011	General SW	www.ms4web.com/MS4_WV_WVU\Best Management Practice\Files\L2PHTXe3W.pdf
2.	10/12/2011	Pet Waste	www.ms4web.com/MS4_WV_WVU\Best Management Practice\Files\k886xltXp8.pdf

Photos**2. 1-2 Staff Education.**

Obtain and compile a set of educational tools to communicate to all applicable WVU staff the 11 additional stormwater management concepts designated in Table 1.2 (§1.a). The 11 subject areas for distribution to staff shall include:

- Automotive chemical use and storage
- Hazardous cleaning supplies use and storage
- Yard care techniques
- Pesticide/fertilizer use and storage
- Carpet cleaning BMPs
- Auto repair BMPs
- Runoff reduction techniques
- Stormwater pond maintenance
- Erosion and sediment control
- Treatment and flow control BMPs
- Impacts of increased flows into water bodies

Implementation Tasks

Task	Due Date	Implemented	Date Completed
1. Milestone - Conduct an inventory, analysis, and selection of the communications tools available to distribute stormwater management concepts to staff.	03/29/2012	<input checked="" type="checkbox"/>	03/27/2012

Activities

Activity Date	Activity Description
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BMP Data Report

1. 03/27/2012 WVU will distribute stormwater information through two forms, Print media and Electric Media.
 2. 03/27/2012 Print Media will include, but not be limited to (posters, brochures, WVU newspaper, Morgantown newspaper, and design and construction standards.
 3. 03/27/2012 Electric Media will include, but not be limited to (ENews, Facebook, Twitter, Information stations, YouTube, websites, and MS4 manager).
 4. 03/27/2012 Local Media can also be used when needed, such as radio stations or student radio U92, WCLG 100.1, and WVAQ 101.9. Local Television can also be used, such as channel 12 or WBOY 5 news.
2. Milestone - Develop those communications tools determined to be the most effective at distributing stormwater management concepts to WVU staff and begin distribution. 09/29/2012

Activities

Activity Date	Activity Description
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Measurable Goals

Goal	Permit Year	Due Date	GoalMet	Date Goal Met
1. Have all WVU staff whose job functions have the potential to impact water resources fully participate in the education program on the topics listed in Table 1.2.	5	09/29/2013	<input type="checkbox"/>	

Activities

Activity Date	Activity Description
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Data Type

9/11/2012

BMP Data Report

Date Entered	Location	Data Type	Quantity	Unit	Cost
Activity		Comment			
1.		Sign in sheet		txtDataEntry UnitName1	

Data Type Summary**Files****Photos****3. 1-3 Stormwater Exhibit.**

Create an exhibit to display at the Environmental Health and Safety information table at the Mountainlair Student Union and for use by student groups, faculty, and staff at WVU events to promote water resource protection techniques (BMP 2-5).

Implementation Tasks

Task	Due Date	Implemented	Date Completed
1. Milestone - Create a stormwater exhibit.	03/29/2012	<input checked="" type="checkbox"/>	04/03/2012

Activities

	Activity Date	Activity Description
1.	06/27/2011	Created a small living Bio Cell.
2.	04/22/2011	Created a poster to show stormwater management concepts.

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3. 08/01/2011 Created a shadow box of a Bio Cell to show a cross section of the treatment systems and inner workings.
4. 04/03/2012 Created a 3-D model of the Evansdale campus, complete with a recirculation water system and storm drains. The model will be used to show how runoff from different areas i.e. (parking lots, roads, landscaping, pets, constructions activities) can affect water quality.
5. 04/25/2012 Mounted two posters from Westmoreland Conservation about Bio Cell design

Measurable Goals

Goal	Permit Year	Due Date	GoalMet	Date Goal Met
1. Display the exhibit each semester at the Mountainlair Student Union.	2012	06/29/2012	<input checked="" type="checkbox"/>	

Activities

Activity Date	Activity Description

- | | | | | |
|--|---|------------|--------------------------|--|
| 2. Promote the availability of the exhibit for use by student groups, faculty, and staff at campus and community events. | 4 | 09/29/2012 | <input type="checkbox"/> | |
|--|---|------------|--------------------------|--|

Activities

Activity Date	Activity Description

Data Type

Date Entered	Location	Data Type	Quantity	Unit	Cost
Activity		Comment			

BMP Data Report

1. 04/12/2012 Alumni Center EHS Exhibit Displays 1.0000 txdDataEntry 0.00
UnitName1
Employee Fest Displayed stormwarter model for 6 hours.

Data Type Summary

Sum	Average	Max	Min	First	Last
2.0000	1.000000	1.0000	1.0000	1.0000	1.0000

2. 04/19/2012 Mt. Lair EHS Exhibit Displays 1.0000 txdDataEntry 0.00
UnitName1
Earth week Displayed stormwater model for 4 hours at the Sustainability table.

Data Type Summary

Sum	Average	Max	Min	First	Last
2.0000	1.000000	1.0000	1.0000	1.0000	1.0000

3. Times Exhibit Borrowed txdDataEntry
UnitName1

Data Type Summary

Sum	Average	Max	Min	First	Last
2.0000	1.000000	1.0000	1.0000	1.0000	1.0000

BMP Data Report**Files**

1.	09/10/2012	Front of shadow box	www.ms4web.com/base/wbin/MS4_WV_WVU\Best Management Practice\Files\218-pT8i7ffUf9.JPG
2.	09/10/2012	Back of shadow box	www.ms4web.com/base/wbin/MS4_WV_WVU\Best Management Practice\Files\219-LwOaFxAmy9.JPG
3.	09/10/2012	Office BioCell 1/6 scale	www.ms4web.com/base/wbin/MS4_WV_WVU\Best Management Practice\Files\220-6eMZmh47RH.JPG
4.	09/10/2012	SWMP concepts poster	www.ms4web.com/base/wbin/MS4_WV_WVU\Best Management Practice\Files\221-YchgYINKgk.JPG
5.	09/10/2012	3D working SW model	www.ms4web.com/base/wbin/MS4_WV_WVU\Best Management Practice\Files\222-muFNTGieY1.jpg

Photos**4. 1-4 Student Organization Partnerships.**

Partner with student organizations and WVU initiatives to distribute educational material through their meetings, events, and websites.

Implementation Tasks

Task	Due Date	Implemented	Date Completed
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Measurable Goals

Goal	Permit Year	Due Date	GoalMet	Date Goal Met
1. Create partnering agreements with the WVU Office of Sustainability's WeCan and WeGo initiatives to promote the eight stormwater management concepts listed in BMP 1-1.	2012	07/29/2012	<input checked="" type="checkbox"/>	08/07/2012

Activities

Activity Date	Activity Description
1. 08/07/2012	Talk with Clement Solomon, who is in the process of completing a calander of events where stormwater

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material can be handed out.

- 2. Present stormwater management concepts to student organizations annually. 4 09/29/2012

Activities

Activity Date Activity Description

- 3. Provide stormwater educational material for distribution to student organizations or WVU offices annually. 4 09/29/2012

Activities

Activity Date Activity Description

Data Type

Date Entered	Location	Data Type	Quantity	Unit	Cost
		Meeting with Student Organizations			
				txtDataEntry UnitName1	

Data Type Summary

BMP Data ReportFilesPhotos**5. 1-5 Coordination with Faculty.**

Coordinate with faculty in academic programs that offer stormwater management instruction as part of a course of study.

Implementation Tasks

Task	Due Date	Implemented	Date Completed
1. Milestone – Conduct an inventory of academic courses where stormwater management is one of the primary topics.		<input type="checkbox"/>	

Activities

Activity Date	Activity Description

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|---|--|--------------------------|--|
| 2. Milestone - Conduct an inventory of academic courses where stormwater management concepts are included in the course syllabus. | | <input type="checkbox"/> | |
|---|--|--------------------------|--|

Activities

Activity Date	Activity Description

Measurable Goals

Goal	Permit Year	Due Date	GoalMet	Date Goal Met
1. Coordinated by the Office of Sustainability, present stormwater management lectures or conduct site visits to stormwater BMPs each academic year.		09/29/2012	<input type="checkbox"/>	

Activities

Activity Date	Activity Description

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2. Partner with faculty to offer one academic course where stormwater management is one of the primary topics. 03/29/2012

Activities

Activity Date Activity Description

Data Type

	Date Entered	Location	Data Type	Quantity	Unit	Cost
	Activity		Comment			
1.	10/20/2011	Engineering Building	Faculty Meetings	1.0000	txtDataEntry UnitName1	0.00
		Courses about stormwater	Faculty would like to see concepts inew AERB.			

Data Type Summary

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

- | | | | | | | |
|----|------------|-----------------------------|--|--------|---------------------------|------|
| 2. | 11/03/2011 | Agricultural Science, Hando | Guest Lectures | 1.0000 | txtDataEntry
UnitName1 | 0.00 |
| | | ENVP 355 and 555 | talked about how to sample for stormwater, tracing of system, dye testing with smapling class. | | | |

Data Type Summary

BMP Data Report

Sum	Average	Max	Min	First	Last
2.0000	1.000000	1.0000	1.0000	1.0000	1.0000

3. 11/29/2011 Engineering Building, Sharma Guest Lectures 1.0000 txtDataEntry 0.00
UnitName1
CE-591-Y Presented Bio Cell demo and shadow box cross section.

Data Type Summary

Sum	Average	Max	Min	First	Last
2.0000	1.000000	1.0000	1.0000	1.0000	1.0000

Files**Photos****6. 1-6 Interpretative Signage.**

Post interpretive signs near stormwater management BMPs that describe their function to protect and manage water resources (BMP 2-6).

Implementation Tasks

Task	Due Date	Implemented	Date Completed
1. Milestone - Identify stormwater BMPs on campus (BMP 3-1) and evaluate their effectiveness to communicate stormwater management concepts to campus users.		<input type="checkbox"/>	

Activities

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

Goal	Permit Year	Due Date	GoalMet	Date Goal Met
1. In conjunction with University approval processes, WVU will develop interpretive signage for posting at the five BMP sites selected as the most effective to communicate stormwater management concepts to campus users.	5	07/22/2014	<input type="checkbox"/>	

Activities

Activity Date	Activity Description

2. Maintain signage and identify any sites for additional signs.		09/29/2012	<input type="checkbox"/>	
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Activities

Activity Date	Activity Description

Data Type

Date Entered	Location	Data Type	Quantity	Unit	Cost
Activity		Comment			
1. 04/25/2012	Evansdale Campus	Signs installed	6.0000	txtDataEntry UnitName1	332.00
	Posted outfalls signs at sampling points.	MS4 outfall 001, Animal Science Farm 002, Campus Support Services 003, Facilities Management 004, Zone Shop 005, Transportation Services 006			

Data Type Summary

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Sum	Average	Max	Min	First	Last
6.0000	6.000000	6.0000	6.0000	6.0000	6.0000

2. Signs Replaced txtDataEntry
UnitName1

Data Type Summary

Sum	Average	Max	Min	First	Last
6.0000	6.000000	6.0000	6.0000	6.0000	6.0000

Files

Photos

7. 1-7 Transportation and Parking.

Distribute information about vehicle maintenance and impervious cover impacts on water resources through WVU's Parking Management Office's permit applications and parking lot maps.

Implementation Tasks

Task	Due Date	Implemented	Date Completed
1. Milestone - Conduct an inventory, analysis, and selection of the communications tools available throughn Parking Management to distribute stormwater management concepts to contractors, faculty, slaff, students, and campus visitors.		<input type="checkbox"/>	

Activities

Activity Date	Activity Description
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BMP Data Report

2. Milestone - Conduct the development of those communications tools determined to be the most effective at communicating stormwater management concepts, especially vehicle maintenance and impervious cover impacts on water resources. 03/29/2012

Activities

	Activity Date	Activity Description
1.	09/10/2012	This milestone will be implemented during the second year of the permit, while working more close with Transportation and Parking.

Measurable Goals

Goal	Permit Year	Due Date	GoalMet	Date Goal Met
1. Distribute permit applications, parking lot maps, and other Parking Management publications that include stormwater management concepts.	5	03/29/2014	<input type="checkbox"/>	

Activities

	Activity Date	Activity Description
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Data Type

Date Entered	Location	Data Type	Quantity	Unit	Cost
Activity		Comment			
1.		Parking permits with SW info		txtDataEntry UnitName1	

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

Photos

8. 1-8 Vendor Education.

Raise the level of awareness of stormwater management concepts for vendors and contractors that work on WVU's Morgantown campuses.

Implementation Tasks

Task	Due Date	Implemented	Date Completed
1. Milestone - Determine the stormwater management concepts and establish standards that vendors and contractors should understand and implement based on their job functions.		<input type="checkbox"/>	

Activities

Activity Date	Activity Description

Measurable Goals

Goal	Permit Year	Due Date	GoalMet	Date Goal Met
1. Create a list of the educational materials and training sessions contractors must complete before working on WVU campus.	5	03/29/2014	<input type="checkbox"/>	

Activities

Activity Date	Activity Description

BMP Data Report**Data Type**

Date Entered	Location	Data Type	Quantity	Unit	Cost
Activity		Comment			
1.		Vendor Education		txtDataEntry UnitName1	

Data Type Summary**Files****Photos****9. 1-9 Vendor Contracts.**

Prepare standards to include language in contracts and/or the procurement process that describe vendor and contractor stormwater management responsibilities that need to be adhered to while working on campus.

Implementation Tasks

Task	Due Date	Implemented	Date Completed
1. Milestone - Conduct research of existing contract templates to determine how best to apply stormwater management responsibilities to vendors and contractors.		<input type="checkbox"/>	

Activities

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

Goal	Permit Year	Due Date	GoalMet	Date Goal Met
1. Develop language for contracts and/or the procurement process for proper management of stormwater and sources of pollutants and work with WVU Purchasing and Procurement to implement use of the terms.	5	03/29/2014	<input type="checkbox"/>	

Activities

Activity Date	Activity Description
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Data Type

Date Entered	Location	Data Type	Quantity	Unit	Cost
Activity		Comment			
1.		Vendor Contracts signed		txtDataEntry UnitName1	

Data Type Summary**Files**