

**BMP Data Report**

**Data Type**

| Date Entered | Location | Data Type                 | Quantity | Unit                      | Cost |
|--------------|----------|---------------------------|----------|---------------------------|------|
| Activity     |          | Comment                   |          |                           |      |
| 1.           |          | Areas of Impervious Cover |          | txtDataEntry<br>UnitName1 |      |

**Data Type Summary**

**Files**

**Photos**

**39. 6-1. Operation and Maintenance of WVU Facilities.**

For all WVU facilities where there is potential to discharge contaminated runoff, develop a written operation and maintenance program, including a pollution prevention plan that includes a spill response plan where appropriate (§6.a).

**Implementation Tasks**

| Task   | Due Date   | Implemented                         | Date Completed |
|--|------------|-------------------------------------|----------------|
| 1. Milestone - Prioritize WVU facilities that have the highest potential to discharge contaminated runoff. | 03/29/2012 | <input checked="" type="checkbox"/> | 04/30/2012     |

**Activities**

| Activity Date | Activity Description  |
|---------------|---|
| 1. 04/30/2012 | The major facilities are listed in table 6.2. (Animal Science Farm, Campus Support Services, Facilities Management, Transportation Services, Zone Shop) based off of Industrial stormwater. The two PRT |

**BMP Data Report**

maintenance facilities will also be added to the list.

2. 04/30/2012 Other daily operations and facilities that a part of WVU will also be evaluated to determine if contaminated runoff will need addressed. These facilities include but may not be limited to (ERC, Mountaineer Lair, Coliseum, and Football Stadium, etc.).

2. Milestone - Develop a standard template for all WVU departments to use when developing operations and maintenance programs. 06/29/2012  06/28/2012

**Activities**

|    | Activity Date | Activity Description  |
|----|---------------|---|
| 1. | 06/28/2012    | A standard template will developed for O&M programs based on the areas of identifying all hazardous substances that have the potential to contaminate ground water. The checklist will include at a minimum two BMP's to choose from. The list will be develop with help from other departments within EHS and will help with other programs, but not limited to the SPCC Plan, MS4 Program, Hazardous Materials Unit, and GPP. |
| 2. | 09/11/2012    | Facilities will be researched to determine if any O&M are currently in place for each facilities.   |

3. Milestone - Develop a schedule to complete operation and maintenance programs for the remaining WVU facilities. 09/29/2012

**Activities**

| Activity Date | Activity Description |
|---------------|----------------------|
|---------------|----------------------|

**Measurable Goals**

| Goal  | Permit Year | Due Date | GoalMet                  | Date Goal Met |
|---|-------------|----------|--------------------------|---------------|
| 1. Create an operation and maintenance program for the facilities listed in Table 6.2 that have the highest potential to discharge contaminated runoff. |             |          | <input type="checkbox"/> |               |

**BMP Data Report**

**Activities**

**Activity Date    Activity Description**

---

- 2.    Begin implementation of each operation and maintenance program within 3 months of its completion.

**Activities**

**Activity Date    Activity Description**

---

- 3.    Create an operation and maintenance program for all WVU facilities where there is strong potential to discharge contaminated runoff.

**Activities**

**Activity Date    Activity Description**

---

**Data Type**

| Date Entered | Location | Data Type              | Quantity | Unit                      | Cost |
|--------------|----------|------------------------|----------|---------------------------|------|
| Activity     |          | Comment                |          |                           |      |
| 1.           |          | Facility O&M developed |          | txtDataEntry<br>UnitName1 |      |

**Data Type Summary**

9/12/2012

**BMP Data Report**

2.

O&amp;M Programs updated

txtDataEntry  
UnitName1**Data Type Summary****Files**

---

**Photos**

---

**40. 6-2. Operation and Maintenance of WVU Activities.**

For all WVU management operations where there is strong potential to discharge contaminated runoff, develop a written operation and maintenance program, including a pollution prevention plan that includes a spill response plan (§6.b).

**Implementation Tasks**

| <b>Task</b>  | <b>Due Date</b> | <b>Implemented</b>                  | <b>Date Completed</b> |
|--|-----------------|-------------------------------------|-----------------------|
| 1. Milestone - Prioritize WVU building and landscape maintenance operation that have the highest potential to discharge contaminated runoff. | 03/29/2012      | <input checked="" type="checkbox"/> | 04/30/2012            |

**Activities**

|    | <b>Activity Date</b> | <b>Activity Description</b>  |
|----|----------------------|--|
| 1. | 04/30/2012           | WVU personnel were contacted from Facilities Management, specifically Baron and Byron Smith, and Eric Rosie from Transportation and Parking. Each was to compile a list of potential areas where contaminated runoff could occur from. |
| 2. | 04/30/2012           | Please note the activities listed below from Roads & Grounds.<br>Lawn Fertilization<br>Pesticide application of lawns, trees, shrubs and flowers<br>Application of Salt Brine during the Winter months                                 |

**BMP Data Report**

Cleaning of paved parking lots and road ways  
 Application of Sodium Chloride and Limestone sand during the Winter Months  
 Irrigation of Trees, Shrubs, lawns and flowers  
 Paved area cleaning, flushing and high pressure washing  
 Specialized cleaning of R&G Trucks and Equipment at our wash bay

I will let you know if I can think of any other activities that might be pertinent to your Storm Water Program.  
 -Byron

2. Milestone - Develop a schedule to complete operation and maintenance programs for the remaining WVU operations. 09/29/2012

**Activities**

| Activity Date | Activity Description |
|---------------|----------------------|
|---------------|----------------------|

**Measurable Goals**

| Goal | Permit Year | Due Date | GoalMet | Date Goal Met |
|------|-------------|----------|---------|---------------|
|------|-------------|----------|---------|---------------|

- |  |  |  |                          |  |
|--|--|--|--------------------------|--|
| 1. Create an operation and maintenance program for the three operations with the highest potential to discharge contaminated runoff, such as fertilizer application, landscape maintenance, trash management, building cleaning, and chemical storage. |  |  | <input type="checkbox"/> |  |
|--|--|--|--------------------------|--|

**Activities**

| Activity Date | Activity Description |
|---------------|----------------------|
|---------------|----------------------|

- |  |  |  |                          |  |
|--|--|--|--------------------------|--|
| 2. Begin implementation of each operation and maintenance program within three months of its completion. |  |  | <input type="checkbox"/> |  |
|--|--|--|--------------------------|--|

**Activities**

| Activity Date | Activity Description |
|---------------|----------------------|
|---------------|----------------------|

- |  |  |  |                          |  |
|--|--|--|--------------------------|--|
| 3. Create an operation and maintenance program for all WVU |  |  | <input type="checkbox"/> |  |
|--|--|--|--------------------------|--|

**BMP Data Report**

operations where there is strong potential to discharge contaminated runoff.

**Activities**

| Activity Date | Activity Description |
|---------------|----------------------|
|---------------|----------------------|

**Data Type**

| Date Entered | Location | Data Type               | Quantity | Unit                      | Cost |
|--------------|----------|-------------------------|----------|---------------------------|------|
| Activity     |          | Comment                 |          |                           |      |
| 1.           |          | O&Ms for WVU Activities |          | txtDataEntry<br>UnitName1 |      |

**Data Type Summary****Files**

|    |            |              |  |
|----|------------|--------------|--|
| 1. | 09/10/2012 | WVU O&M list | www.ms4web.com/base/wbin/MS4_WV_WVU\Best Management Practice\Files\225-dxdlA9e3D.doc |
|----|------------|--------------|--|

**Photos****41. 6-3. Inspections.**

Create and implement an inspection schedule for all facilities and activities that have a completed operation and maintenance program (§6.a.ii) (BMP 5-6).

**BMP Data Report****Implementation Tasks**

| Task  | Due Date   | Implemented                         | Date Completed |
|---|------------|-------------------------------------|----------------|
| 1. Milestone - Develop inspection procedure and checklists. | 06/29/2012 | <input checked="" type="checkbox"/> | 06/27/2012     |

**Activities**

| Activity Date | Activity Description   |
|---------------|--|
| 1. 06/27/2012 | Have created and industrial stormwater inspection form. File can be viewed at I:\DOCUMENTS\Stormwater, MS4\MCM #6\2012\BMP 6-3, Inspections. |

- |   |            |                          |
|---|------------|--------------------------|
| 2. Milestone - Create and maintain an annual inspection schedule for all facilities and activities. | 09/29/2012 | <input type="checkbox"/> |
|---|------------|--------------------------|

**Activities**

| Activity Date | Activity Description |
|---------------|----------------------|
|---------------|----------------------|

**Measurable Goals**

| Goal   | Permit Year | Due Date | GoalMet                  | Date Goal Met |
|--|-------------|----------|--------------------------|---------------|
| 1. Inspect each facility and operation within six months of the completion of its operation and maintenance program. |             |          | <input type="checkbox"/> |               |

**Activities**

| Activity Date | Activity Description |
|---------------|----------------------|
|---------------|----------------------|

- |   |  |                          |
|---|--|--------------------------|
| 2. Inspect each facility and activity annually. |  | <input type="checkbox"/> |
|---|--|--------------------------|

**Activities**

| Activity Date | Activity Description |
|---------------|----------------------|
|---------------|----------------------|

**BMP Data Report****Data Type**

| Date Entered | Location | Data Type            | Quantity | Unit                      | Cost |
|--------------|----------|----------------------|----------|---------------------------|------|
| Activity     |          | Comment              |          |                           |      |
| 1.           |          | Facilities Inspected |          | txtDataEntry<br>UnitName1 |      |

**Data Type Summary**

|    |  |                      |  |                           |  |
|----|--|----------------------|--|---------------------------|--|
| 2. |  | Activities Inspected |  | txtDataEntry<br>UnitName1 |  |
|----|--|----------------------|--|---------------------------|--|

**Data Type Summary****Files**

|    |            |                     |   |
|----|------------|---------------------|---|
| 1. | 09/11/2012 | WVU inspection form | www.ms4web.com/base/wbin/MS4_WV_WVU\Best Management Practice\Files\226-nKegMGyxpM.doc |
|----|------------|---------------------|---|

**Photos**



**BMP Data Report****42. 6-4. Staff Training.**

Develop and deliver an ongoing training program for WVU staff whose functions may impact stormwater quality (§6.c) (BMP 1-2).

**Implementation Tasks**

| <b>Task</b>  | <b>Due Date</b> | <b>Implemented</b>       | <b>Date Completed</b> |
|--|-----------------|--------------------------|-----------------------|
| 1. Milestone - Determine the WVU staff positions that will receive training on the Pollution Prevention/Good Housekeeping Plan of Action, operation and maintenance programs, and pollution prevention concepts. | 09/29/2012      | <input type="checkbox"/> |                       |

**Activities**

| <b>Activity Date</b> | <b>Activity Description</b> |
|----------------------|-----------------------------|
|----------------------|-----------------------------|

|  |            |                          |  |
|--|------------|--------------------------|--|
| 2. Milestone - Conduct an inventory, analysis, and selection of the communications tools available to deliver training on the Pollution Prevention/Good Housekeeping Program Plan of Action, operation and maintenance plans, and pollution prevention concepts to applicable staff. | 12/29/2012 | <input type="checkbox"/> |  |
|--|------------|--------------------------|--|

**Activities**

| <b>Activity Date</b> | <b>Activity Description</b> |
|----------------------|-----------------------------|
|----------------------|-----------------------------|

|   |            |                          |  |
|---|------------|--------------------------|--|
| 3. Milestone - Complete the development of those communications tools determined to be the most effective at delivering training. | 12/29/2012 | <input type="checkbox"/> |  |
|---|------------|--------------------------|--|

**Activities**

| <b>Activity Date</b> | <b>Activity Description</b> |
|----------------------|-----------------------------|
|----------------------|-----------------------------|

|   |            |                          |  |
|---|------------|--------------------------|--|
| 4. Milestone - Hold initial training sessions for all employees whose job functions have the potential to impact water quality. | 12/29/2012 | <input type="checkbox"/> |  |
|---|------------|--------------------------|--|

**Activities**

| <b>Activity Date</b> | <b>Activity Description</b> |
|----------------------|-----------------------------|
|----------------------|-----------------------------|

**BMP Data Report****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 quality participate in the education program on the topics listed in Table 1.2. |             |          | <input type="checkbox"/> |               |

**Activities**

| Activity Date | Activity Description |
|---------------|----------------------|
|               |                      |

- |  |  |  |                          |  |
|--|--|--|--------------------------|--|
| 2. Update training program and conduct refresher training. |  |  | <input type="checkbox"/> |  |
|--|--|--|--------------------------|--|

**Activities**

| Activity Date | Activity Description |
|---------------|----------------------|
|               |                      |

**Data Type**

| Date Entered | Location | Data Type            | Quantity | Unit                      | Cost |
|--------------|----------|----------------------|----------|---------------------------|------|
| Activity     |          | Comment              |          |                           |      |
| 1.           |          | SWPPP staff training |          | txtDataEntry<br>UnitName1 |      |

**Data Type Summary**

**BMP Data Report****Files**

---

**Photos**

---

**43. 6-5. Priority Issues.**

Address known facilities and operations where stormwater runoff likely discharges pollutants to the MS4 (BMP 5-4).

**Implementation Tasks**

---

| <b>Task</b>   | <b>Due Date</b> | <b>Implemented</b>                  | <b>Date Completed</b> |
|---|-----------------|-------------------------------------|-----------------------|
| 1. Milestone - Develop a prioritized list of those facilities and operations where stormwater runoff likely discharges pollutants to the MS4. | 06/29/2012      | <input checked="" type="checkbox"/> | 06/27/2012            |

**Activities**

| <b>Activity Date</b> | <b>Activity Description</b>   |
|----------------------|---|
| 1. 06/27/2012        | The original list of Industrial facilities that was listed in the SWMP will be the main focus of the program. Other operations have also been identified. Baron Smith and Byron Smith are two contacts for these operations. List can be viewed at I:\DOCUMENTS\Stormwater, MS4\MCM #6\2012\BMP 6-5, Priority issues\Prioritized lists. |

|  |            |                          |            |
|--|------------|--------------------------|------------|
| 2. Milestone - Create a prioritized inventory that identifies the hot spots on campus that have a strong potential to discharge pollutants into the MS4. | 06/29/2012 | <input type="checkbox"/> | 06/27/2012 |
|--|------------|--------------------------|------------|

**Activities**

| <b>Activity Date</b> | <b>Activity Description</b>  |
|----------------------|--|
| 1. 06/27/2012        | A list will be developed and updated as needed. The main area of concern for a hot spot would be all dumpster pads and trash compactors. The major hotspots will be focused around dining service dumpsters. |

**Measurable Goals**

---

**BMP Data Report**

| Goal   | Permit Year | Due Date   | GoalMet                             | Date Goal Met |
|--|-------------|------------|-------------------------------------|---------------|
| 1. Create a schedule to address these facilities and operations. | 2011        | 11/29/2011 | <input checked="" type="checkbox"/> | 11/08/2011    |

**Activities**

|    | Activity Date | Activity Description   |
|----|---------------|--|
| 1. | 11/08/2011    | Created a list of the 7 facilities that need inspected   |
| 2. | 03/13/2012    | Believe this BMP was listed incorrectly by AMEC. Facilities will be addresses after being prioritized. |
| 3. | 04/25/2012    | Modified the schedule, but can not get file to link  |

|   |      |            |                          |            |
|---|------|------------|--------------------------|------------|
| 2. Create a schedule to address identified hot spots. | 2012 | 06/29/2012 | <input type="checkbox"/> | 06/27/2012 |
|---|------|------------|--------------------------|------------|

**Activities**

|    | Activity Date | Activity Description  |
|----|---------------|---|
| 1. | 06/27/2012    | Hot spots will be investigated by the end of the second permit year. Dumpsters, trash compactors at dining service operations will be inspected along with help in regards to compliance with sanitation per regulations with the WV Health Dept. |

**Data Type**

| Date Entered  | Location   | Data Type         | Quantity | Unit                      | Cost |
|---------------|------------|-------------------|----------|---------------------------|------|
| Activity      |            | Comment           |          |                           |      |
| 1. 04/25/2012 | Location 1 | Schedules created | 0.0000   | txtDataEntry<br>UnitName1 | 0.00 |

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

| Sum    | Average  | Max    | Min    | First  | Last   |
|--------|----------|--------|--------|--------|--------|
| 0.0000 | 0.000000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |

**Files**

|    |            |                        |   |
|----|------------|------------------------|---|
| 1. | 08/22/2012 | Schedule               | www.ms4web.com/base/wbin/MS4_WV_WVU\Best Management Practice\Files\214-0xyDMuQkUd.pdf |
| 2. | 09/11/2012 | Facilities List        | www.ms4web.com/base/wbin/MS4_WV_WVU\Best Management Practice\Files\228-8kBhaqz5Uc.pdf |
| 3. | 09/11/2012 | Prioritized Operations | www.ms4web.com/base/wbin/MS4_WV_WVU\Best Management Practice\Files\229-frcutmOOWg.doc |

**Photos****44. 6-6. Sweeping.**

Sweep streets and parking lots to reduce pollutants flowing into the MS4 (§6.b.vii).

**Implementation Tasks**

| Task  | Due Date   | Implemented              | Date Completed |
|---|------------|--------------------------|----------------|
| 1. Milestone - Develop a street and parking lot sweeping plan for WVU-owned parking lots and streets. | 03/29/2013 | <input type="checkbox"/> |                |

**Activities**

| Activity Date | Activity Description |
|---------------|----------------------|
|---------------|----------------------|

**BMP Data Report**

**Measurable Goals**

| Goal | Permit Year | Due Date | GoalMet | Date Goal Met |
|------|-------------|----------|---------|---------------|
|------|-------------|----------|---------|---------------|

- |   |  |  |                          |  |
|---|--|--|--------------------------|--|
| 1. Sweep all streets and parking lots twice per year and document volume of material removed. The first sweeping should occur as soon as practicable after snow melt in the Spring. |  |  | <input type="checkbox"/> |  |
|---|--|--|--------------------------|--|

**Activities**

| Activity Date | Activity Description |
|---------------|----------------------|
|---------------|----------------------|

- |  |  |  |                          |  |
|--|--|--|--------------------------|--|
| 2. Review and update street sweeping plan. |  |  | <input type="checkbox"/> |  |
|--|--|--|--------------------------|--|

**Activities**

| Activity Date | Activity Description |
|---------------|----------------------|
|---------------|----------------------|

**Data Type**

| Date Entered | Location | Data Type | Quantity | Unit | Cost |
|--------------|----------|-----------|----------|------|------|
| Activity     |          | Comment   |          |      |      |

- |    |  |                     |  |                           |  |
|----|--|---------------------|--|---------------------------|--|
| 1. |  | Miles of Road Swept |  | txtDataEntry<br>UnitName1 |  |
|----|--|---------------------|--|---------------------------|--|

**Data Type Summary**