



# Stormwater Management Plan

Tennessee Technological University  
Environmental Health and Safety  
2024 Version

## Tennessee Tech’s Stormwater Management Plan

The following sections outline the University’s strategy to meet the requirements of the TDEC Phase 2 MS4 permit, effective April 1, 2024. The schedule tables provided are broken into 6-month intervals per year on a fiscal year basis (per the permit), as many requirements within the permit require implementation in 18-month, 24-month, etc., of permit coverage. Red shading in the schedule tables indicates an activity startup that may require more resources than ongoing activity implementation. In addition, crosshatching in a permit year indicates a hard compliance deadline that cannot (at this time) be adjusted further into the future.

It should be noted that the Public Education and Outreach and Public Involvement/Participation minimum control measures have been combined to be more consistent with the TDEC Phase II Stormwater Permit Notice of Coverage.

## 1. Public Education and Outreach and Public Involvement/Participation

The goal of these minimum control measures is to educate and involve the University's public on steps they can take to protect water quality. Specific attention must be placed on hot spot land uses, which are land uses or activities believed to generate runoff with contaminants over those typically found in stormwater. The University's "public" is defined as their staff, faculty and students.

A. Maintain a Public Information and Education Plan (PIE) that details specific goals and specific public information events/activities that will occur throughout the permit cycle.

**Activity Owner:** Environmental Health and Safety / Office of Sustainability

**Schedule:** Permit Years 1 - 5

**Measurable Goal:**

- PIE plan maintained and included with annual report

B. Update and maintain the stormwater and/or sustainability website to advertise volunteer activities identified in the PIE and include any stormwater articles for pollution prevention tips and for the complaint reporting mechanism.

**Activity Owner:** Environmental Health and Safety / Office of Sustainability

**Schedule:** Within 180 days (about 6 months) of permit coverage

**Measurable Goal:**

- Website created and updated as new activities are completed

C. Continue storm drain marking program that involves students, staff and faculty. Coordinate with the City of Cookeville.

**Activity Owner:** Environmental Health and Safety / Capitol Projects / Office of Sustainability

**Schedule:** Permit Year 3 - 5

**Measurable Goal:**

- New construction project storm drains stamped upon completion

D. Develop a method to track public education, involvement and participation activities.

**Activity Owner:** Office of Sustainability / Environmental Health and Safety

**Schedule:** Permit Year 1 - 5

**Measurable Goal:**

- Public involvement and participation activities tracked

**Table 1 Public Education and Outreach and Public Involvement/Participation Schedule**

MCM I. PUBLIC EDUCATION AND OUTREACH													
Task	Title - Activity Description	Activity Owner	PY1		PY2		PY3		PY4		PYS		
			Jul-Dec	Jan-June	July-Dec	Jan-June	July-Dec	Jan-June	July-Dec	Jan-June	July-Dec	Jan-June	
A.	Maintain and Update Public Information and Education Plan (PIE)	Environmental Health and Safety											
B.	Maintain and Update the stormwater/sustainability website.	Environmental Health and Safety / Office of Sustainability											

C.	Maintain and Update storm drain marking program	Environmental Health and Safety / Office of Sustainability / Capitol Projects												
D.	Update method to track public education activities	Office of Sustainability												

**Note:** Orange shading in the table above indicates the development of an activity. Purple shading indicates the implementation of an activity. Development of an activity typically requires more resources than implementing an activity.

## 2. Illicit Discharge Detection and Elimination Activities

The objective of this measure is to ensure that the University’s MS4 community has a thorough awareness of their storm sewer system. Such awareness will address identifying and eliminating illicit discharges, and the establishment of administrative regulations, technical policies and applicable educational forums needed to eliminate such discharges.

### A. Maintain the administrative policy prohibiting non-stormwater discharges (IDDE).

**Activity Owner:** Environmental Health and Safety / Stormwater Committee

**Schedule:** Permit Year 1 - 5

**Measurable Goal:**

- Policy reviewed to prohibit illicit discharges
- Maintain a copy of the policy on the stormwater website

### B. Maintain ERP.

**Activity Owner:** Environmental Health and Safety / Stormwater Committee

**Schedule:** Permit Year 1 - 5

**Measurable Goal:**

- ERP updated and maintained
- Staff conducting enforcement trained on ERP

### C. Maintain and Update policies and procedures for outfall screening and tracking and identifying illicit discharges.

**Activity Owner:** Environmental Health and Safety / Stormwater Committee

**Schedule:** Permit Year 1 - 5

**Measurable Goal:**

- Updated and maintain Policies and procedures
- Staff performing screening trained on policies and procedures

### D. Maintain stormwater mapping

**Activity Owner:** Capital Projects

**Schedule:** Permit Year 3 - 5

**Measurable Goal:**

- Stormwater system map updated
- Outfall map updated

E. Train staff on outfall screening protocols using the guidance document (see activity C above).

**Activity Owner:** Environmental Health and Safety

**Schedule:** Permit Year 1 - 5

**Measurable Goal:**

- All staff performing outfall screening trained

F. Train staff on updated data collection procedures.

**Activity Owner:** Environmental Health and Safety

**Schedule:** Permit Year 2 - 5

**Measurable Goal:**

- Data collection protocols updated and maintained

G. Visually inspect outfalls.

**Activity Owner:** Environmental Health and Safety

**Schedule:** Permit Year 1 - 5

**Measurable Goal:**

- All outfalls screened each permit year, starting in permit year 2
- All outfalls visually screened within the permit cycle

H. Update and maintain complaint reporting procedures.

**Activity Owner:** Environmental Health and Safety / Stormwater Committee

**Schedule:** Permit Year 1 - 5

**Measurable Goal:**

- Complaint reporting system in place
- All complaints investigated

I. Update and maintain staff education on identification and reporting of illicit discharges.

**Activity Owner:** Environmental Health and Safety / Facilities and Business Services

**Schedule:** Permit Year 1 - 5

**Measurable Goal:**

- Educational material developed and distributed as necessary regarding identification and reporting of illicit discharges
- Complaints reported by staff

**Table 2 Illicit Discharge Detection and Elimination Schedule**

<b>MCM II. PUBLIC EDUCATION AND OUTREACH</b>												
Task	Title - Activity Description	Activity Owner	PY1		PY2		PY3		PY4		PYS	
			Jul-Dec	Jan- June	July-Dec	Jan-June	July-Dec	Jan-June	July-Dec	Jan-June	July-Dec	Jan June
A.	Maintain the administrative policy prohibiting non-stormwater discharges. (IDDE)	Environmental Health and Safety / Stormwater Committee										
B.	Maintain ERP.	Environmental Health and Safety / Stormwater Committee										
C.	Maintain and Update policies and procedures for outfall screening and tracking and identifying illicit discharges.	Environmental Health and Safety / Stormwater Committee										
D.	Update stormwater mapping	Capital Projects										
E.	Train staff on updated outfall screening protocols.	Environmental Health and Safety										
F.	Train staff on updated data collection procedures.	Environmental Health and Safety										
G.	Visually inspect outfalls.	Environmental Health and Safety										
H.	Update and maintain complaint reporting procedures.	Environmental Health and Safety / Stormwater Committee										
I.	Update and maintain staff education on identification and reporting of illicit discharges.	Environmental Health and Safety / Facilities and Business Services										

**Note:** Orange shading in the table above indicates the development of an activity. Purple shading indicates the implementation of an activity. Development of an activity typically requires more resources than implementing an activity. "PY" means permit year.

### 3. Construction Site Stormwater Runoff Control

The objective of this measure is to reduce the impact construction site runoff may have on surrounding water resources by using best management practices (BMPs) to prevent construction site pollutants from negatively impacting other MS4s and streams. On average, the University has very few sites annually that disturb 1 or more acre. Therefore, all sites are to be considered priority construction sites, to be inspected on at least a monthly basis and priority construction activities do not need to be identified. Modification of the regulatory component (which for the University is the standard contract language) must be completed within 18 months of permit coverage. All other components of the construction site runoff control program (plans review, inspections, and staff training) must be completed with 24 months after permit coverage.

- A. Maintain and Update contract language requiring SWPPP's.  
**Activity Owner:** Capital Projects  
**Schedule:** Permit Year 1 - 5  
**Measurable Goal:**
- Contracts modified to include the language above
  - All new projects disturbing 1 acre or more required to obtain coverage under the CGP as well as go through review/inspection
- B. Update and Maintain SWPPP review process  
**Activity Owner:** Capital Projects / Environmental Health and Safety  
**Schedule:** Permit Year 1 - 5  
**Measurable Goal:**
- Develop or modify the existing plans review process to include a thorough review of SWPPPs for all sites affecting 1 acre or more
  - Develop plans review checklist to document plans review
- C. Technical reference guidance materials  
**Activity Owner:** Capital Projects  
**Schedule:** Permit Year 1 - 5  
**Measurable Goal:**
- Technical guidance developed/followed
- D. Maintain and Update inspection program with inspection checklist  
**Activity Owner:** Environmental Health and Safety  
**Schedule:** Permit Year 1 - 5  
**Measurable Goal:**
- Inspection report developed
- E. Inspect sites disturbing 1 acre or more. Inspect all construction sites at least monthly to ensure contractors are complying with the CGP.  
**Activity Owner:** Environmental Health and Safety  
**Schedule:** Permit Year 1 - 5  
**Measurable Goal:**
- All sites inspected monthly
- F. Define all sites covered under the TNCGP as priority construction sites, requiring a pre-construction meeting. Perform a preconstruction meeting on each site requiring coverage under the TNCGP.  
**Activity Owner:** Capital Projects / Environmental Health and Safety  
**Schedule:** Permit Year 1 - 5  
**Measurable Goal:**
- Preconstruction conferences held for all sites disturbing 1 acre or more
- G. Maintain enforcement procedures for SWPPP violations. These procedures must be reflected in the ERP (see 2B).  
**Activity Owner:** Environmental Health and Safety  
**Schedule:** Permit Year 1 - 5  
**Measurable Goal:**

- Enforcement procedures included in the ERP for SWPPP violations
- H. Maintain an inventory of all projects within the University’s MS4 boundaries that disturb an acre or more  
**Activity Owner:** Capital Projects / Environmental Health and Safety  
**Schedule:** Permit Year 1 - 5  
**Measurable Goal:**
- Inventory developed and updated
- I. Have all staff reviewing plans attend TDEC’s Level II - Design Principles for Erosion Prevention and Sediment Control for Construction Sites.  
**Activity Owner:** Environmental Health and Safety  
**Schedule:** Permit Year 1 - 5  
**Measurable Goal:**
- Plan reviewers trained through TDEC’s Level II training
- J. Have all staff performing EPSC inspections attend TDEC’s Level I - Fundamentals of Erosion Prevention and Sediment Control for Construction Sites.  
**Activity Owner:** Environmental Health and Safety  
**Schedule:** Permit Year 1 - 5  
**Measurable Goal:**
- All inspectors certified through the TDEC Level I Fundamentals course
- K. Educate contractors and designers on new contract requirements.  
**Activity Owner:** Capital Projects  
**Schedule:** Permit Year 1 - 5  
**Measurable Goal:**
- Construction contractors and designers educated
- L. Review Pre-Construction design within the University MS4.  
**Activity Owner:** Capital Projects / Environmental Health and Safety  
**Schedule:** Permit Year 1 - 5  
**Measurable Goal:**
- Attend Pre-Con meetings

**Table 3 Construction Site Stormwater Runoff Control Schedule**

MCM III. CONSTRUCTION SITE STORMWATER RUNOFF CONTROL												
Task	Title - Activity Description	Activity Owner	PY1		PY2		PY3		PY4		PYS	
			July- Dec	Jan- June	July- Dec	Jan- June	July- Dec	Jan- June	July- Dec	Jan- June	July- Dec	Jan June
A.	Maintain and Update contract language requiring SWPPP's.	Capital Projects										
B.	Update and Maintain SWPPP review process	Environmental Health and Safety / Capital Projects										
C.	Develop or Follow Technical reference guidance materials	Capital Projects										
D.	Maintain and Update inspection program with inspection	Environmental Health and Safety										



	checklist												
E.	Inspect sites disturbing 1 acre or more.	Environmental Health and Safety											
F.	Define sites covered by TN CGP as priority construction.	Environmental Health and Safety / Capital Projects											
G.	Maintain enforcement procedures within the ERP	Environmental Health and Safety											
H.	Inventory all construction sites disturbing 1 or more acres.	Environmental Health and Safety / Capital Projects											
I.	Level II training for staff reviewing plans.	Environmental Health and Safety											
J.	Level I training for staff inspecting sites.	Environmental Health and Safety											
K.	Educate Contractors and Designers	Capital Projects											
L.	Attend Pre-Con Meetings	Environmental Health and Safety / Capital Projects											

**Note:** Orange shading in the table above indicates the development of an activity. Purple shading indicates the implementation of an activity. Development of an activity typically requires more resources than implementing an activity. "PY" means permit year.

#### 4. Permanent Stormwater Management in New Development and Redevelopment

The objective of this measure is to include permanent stormwater treatment practices on new sites disturbing one acre or more. The permanent stormwater treatment practices can be both structural and non-structural controls that mitigate the potential adverse impacts development may have on the chemical, biological and overall health of the waters of the state, by reducing the volume and improving the quality of stormwater runoff from the MS4 after construction has been completed. Performance standards for permanent stormwater management controls include the following: runoff reduction, and pollutant removal.

- A. Follow CGP requirements to establish, protect, and maintain a water quality buffer along all waters of the state at sites disturbing one acre or more.

**Activity Owner:** Capital Projects

**Schedule:** Permit Year 2 - 5

**Measurable Goal:**

- Contract documents for new projects disturbing 1 acre or more modified

- B. Modify contracts to require permanent stormwater management practices on projects that disturb 1 acre or more.

**Activity Owner:** Capital Projects

**Schedule:** Permit Year 2 - 5

**Measurable Goal:**

- Contract documents for new projects disturbing 1 acre or more modified as needed

- C. Adopt technical guidance documents for use in the design of permanent stormwater management practices. The technical guidance will include the following design criteria: runoff reduction of the first 1 inch of runoff; 80% total suspended solids removal, and no net increase in runoff.

**Activity Owner:** Capital Projects

**Schedule:** Permit Year 2 - 5

**Measurable Goal:**

- Design guidance either created or referenced

D. Review new construction plans for sites that disturb one acre or more to ensure permanent stormwater management practices have been addressed.

**Activity Owner:** Capital Projects / Environmental Health and Safety

**Schedule:** Permit Year 2 - 5

**Measurable Goal:**

- Develop or modify the existing plans review process to include a thorough review of development plans for permanent stormwater management controls for all sites affecting 1 acre or more
- Develop plans review checklist to document plans review

E. Train staff reviewing plans on permanent stormwater management design and application.

**Activity Owner:** Environmental Health and Safety / Capital Projects

**Schedule:** Permit Year 2 - 5

**Measurable Goal:**

- All plans review staff trained

F. Conduct inspections to ensure measures are being installed correctly.

**Activity Owner:** Capital Projects

**Schedule:** Permit Year 2 - 5

**Measurable Goal:**

- Inspect the installation of permanent stormwater treatment controls on sites disturbing 1 acre or more

G. Develop an inspection checklist for use during construction inspections to ensure that measures are being installed as required and as designed.

**Activity Owner:** Environmental Health and Safety

**Schedule:** Permit Year 2 - 5

**Measurable Goal:**

- Inspection checklist modified or developed

H. Include a requirement in construction contracts for as-built inspections to be completed by an A/E firm by a professional engineer or a landscape architect.

**Activity Owner:** Capital Projects

**Schedule:** Permit Year 2 - 5

**Measurable Goal:**

- As-built certification requirement included in contracts
- As-built certifications conducted on all permanent stormwater management controls

I. Develop and implement a permanent stormwater management practices inspection program for measures after construction has been completed. All measures will be inspected at least once every five years

**Activity Owner:** Environmental Health and Safety

**Schedule:** Permit Year 2 - 5

**Measurable Goal:**

- All measures inspected at least once every 5 years
- Inspections documented

J. Develop BMP operation and maintenance plans for new BMPs.

**Activity Owner:** Capital Projects / Environmental Health and Safety / Facilities and Business services

**Schedule:** Permit Year 2 - 5

**Measurable Goal:**

- O&M plans developed for standard BMPs

K. Perform BMP maintenance as identified during inspections.

**Activity Owner:** Facilities and Business Services

**Schedule:** Permit Year 2 - 5

**Measurable Goal:**

- Maintenance conducted as needed
- Maintenance documented

L. Train staff performing inspections on permanent stormwater treatment controls.

**Activity Owner:** Environmental Health and Safety

**Schedule:** Permit Year 2 - 5

**Measurable Goal:**

- Inspectors trained on inspections and maintenance needs

M. Develop an inventory and tracking systems for permanent stormwater treatment BMPs.

**Activity Owner:** Environmental Health and Safety / Capital Projects

**Schedule:** Permit Year 2 - 5

**Measurable Goal:**

- Tracking method developed
- Tracking method updated as new BMPs installed

N. Review and evaluate the university's policies and design standards related to building and site design with the goal of identifying impediments to the installation of green infrastructure, such as green roofs, porous pavement, water harvesting, etc. EPA's Water Quality Scorecard should be used and submitted with the annual report.

**Activity Owner:** Capital Projects

**Schedule:** Permit Year 2 - 5

**Measurable Goal:**

- Review and evaluate the university's policies and design standards related to building and site design

O. Where policies or design standards are identified as obstructing the installation of water quality BMPs on campus, those policies and/or design standards must be updated.

**Activity Owner:** Capital Projects / Environmental Health and Safety

**Schedule:** Permit Year 2 - 5

**Measurable Goal:**

- Update policies/standards as needed

**Table 4 Permanent Stormwater Management Schedule**

MCM IV. POST -CONSTRUCTION STORMWATER MANAGEMENT												
Task	Title - Activity Description	Activity Owner	PY1		PY2		PY3		PY4		PYS	
			July-Dec	Jan-June	July-Dec	Jan-June	July-Dec	Jan-June	July-Dec	Jan-June	July-Dec	Jan-June
A.	Update requirements for stormwater quality buffers along streams	Capital Projects										
B.	Modify contracts to require permanent stormwater control measures as needed	Capital Projects										
C.	Adopt technical guidance documents for use in the design of permanent stormwater management practices	Capital Projects										
D.	Review new construction plans for sites that disturb one acre or more to ensure permanent stormwater management practices have been addressed	Environmental Health and Safety / Capital Projects										
E.	Train staff reviewing plans	Environmental Health and Safety / Capital Projects										
F.	Conduct inspections to ensure measures are being installed correctly	Capital Projects										
G.	Develop an inspection checklist for use during construction inspections	Environmental Health and Safety										
H.	Require A/E firms to conduct as-built inspections	Capital Projects										
I.	Update and Maintain a long term BMP inspection program	Environmental Health and Safety / Capital Projects / Facilities and Business Services										
J.	Develop BMP operation and maintenance plans for new BMPs	Environmental Health and Safety / Capital Projects / Facilities and Business Services										
K.	Perform BMP maintenance as identified during inspections	Facilities and Business Services										
L.	Train staff performing inspections	Environmental Health and Safety										
M.	Develop an inventory and tracking systems for permanent stormwater treatment BMPs	Environmental Health and Safety / Capital Projects										
N.	Review TnTech policies and design standards for impediments to implementing green infrastructure.	Capital Projects										
O.	Where impediments are identified, update or revise standards or designs.	Capital Projects										

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## 5. Pollution Prevention/Good Housekeeping for Municipal Operations

The objective of this measure is to ensure that University operations (i.e., open space maintenance, fleet management, building maintenance, utility construction, etc.) are performed in ways that will minimize the impact to stormwater quality.

- A. Update and revise policies and procedures related to grounds maintenance activities. Identify policies and procedures that should be modified to decrease the potential for negatively impacting stormwater runoff from grounds maintenance activities.

**Activity Owner:** Environmental Health and Safety / Facilities and Business Services

**Schedule:** Permit Year 1 - 5

**Measurable Goal:**

- Listing of practices evaluated
- Develop written policies for practices that need to be revised
- Develop written policies for practices where none exists

- B. Include training on the revised policies and procedures during annual training by supervisors.

**Activity Owner:** Facilities and Business Services

**Schedule:** Permit Year 1 - 5

**Measurable Goal:**

- Grounds employees trained on new written policies

- C. Update and revise practices at the maintenance garage to determine if additional controls or practices are needed to minimize the potential for negatively impacting stormwater quality.

**Activity Owner:** Environmental Health and Safety / Facilities and Business Services

**Schedule:** Permit Year 1 - 5

**Measurable Goal:**

- Listing of practices evaluated and findings
- New policies developed, where necessary
- Staff trained on new policies

- D. Update written policy on trash pickup.

**Activity Owner:** Environmental Health and Safety / Facilities and Business Services

**Schedule:** Permit Year 1 - 5

**Measurable Goal:**

- Written policy
- Continue implementing

- E. Update and Revise policies and procedures to determine if additional controls or practices are needed to minimize the potential for negatively impacting stormwater quality.

**Activity Owner:** Environmental Health and Safety / Facilities and Business Services

**Schedule:** Permit Year 1 - 5

**Measurable Goal:**

- Listing of practices evaluated
- Update written policies for practices that need to be revised
- Develop written policies for practices where none exists
- Employees trained on new policies

F. Update and Revise policies and procedures to determine if additional controls or practices are needed to minimize the potential for negatively impacting stormwater quality

**Activity Owner:** Environmental Health and Safety

**Schedule:** Permit Year 1 - 5

**Measurable Goal:**

- Listing of practices evaluated
- Written policies for identified practices
- Employees trained on new policies

G. Provide general stormwater training to each functional group identified above, at least once annually.

**Activity Owner:** Environmental Health and Safety / Facilities and Business Services

**Schedule:** Permit Year 1 - 5

**Measurable Goal:**

- Employees trained on stormwater and pollution prevention annually

H. Include pollution prevention policies identified in A through G above on the Campus Safety and Environmental Service website ([www.tntech.edu/safety/stormwater](http://www.tntech.edu/safety/stormwater)).

**Activity Owner:** Environmental Health and Safety

**Schedule:** Permit Year 1 - 5

**Measurable Goal:**

- Stormwater and pollution prevention policies uploaded to website

**Table 5 Pollution Prevention/Good Housekeeping Schedule**

MCM V. POLLUTION PREVENTION FOR MUNICIPAL OPERATIONS												
Task	Title - Activity Description	Activity Owner	PY1		PY2		PY3		PY4		PYS	
			July-Dec	Jan-June	July-Dec	Jan-June	July-Dec	Jan-June	July-Dec	Jan-June	July-Dec	Jan-June
A.	Update and Revise policies and procedures for Grounds Maintenance	Environmental Health and Safety										
B.	Train Grounds on revises policies	Environmental Health and Safety										
C.	Update and Revise policies and procedures for Maintenance Garage	Environmental Health and Safety										
D.	Update written policy on trash pickup	Environmental Health and Safety										
E.	Update and Revise policies and procedures for Residential Life	Environmental Health and Safety										
F.	Update and Revise policies and procedures for Athletics	Environmental Health and Safety										
G.	Provide general stormwater training to all functional groups annually	Environmental Health and Safety										

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## 6. SWMP Oversight and Reporting

This activity includes those tasks necessary to implement the requirements of the Phase 2 permit and Stormwater Management Plan (SWMP). The SWMP contains all of the components to document ongoing compliance with the Phase 2 permit, and the annual report summarizes this information on an annual basis. In

preparing the annual report, the University must evaluate the effectiveness of the proposed BMPs for the next year and consider necessary revisions, modification, additions or deletions at that time. SWMP changes adding (but not subtracting or replacing) components, controls, or requirements may be made at any time. Changes replacing an ineffective or unfeasible BMP specifically identified in the Stormwater Management Program with an alternate BMP may be adopted at any time, provided the MS4 can justify the change by:

- Analyzing why the BMP is ineffective or infeasible (including cost prohibitive),
- Analyzing why the replacement BMP is expected to achieve the goals of the BMP to be replaced, or has achieved those goals.

A. Update and maintain the written Stormwater Management Plan.

**Activity Owner:** Environmental Health and Safety

**Schedule:** Permit Year 1 - 5

**Measurable Goal:**

- SWMP document prepared and submitted with Yr 1 annual report

B. Hold quarterly meetings of core group, or Stormwater Management Committee, to ensure activities are being conducted as scheduled.

**Activity Owner:** Environmental Health and Safety

**Schedule:** Permit Year 1 - 5

**Measurable Goal:**

- Quarterly meetings held

C. Develop and submit the annual report.

**Activity Owner:** Environmental Health and Safety

**Schedule:** Permit Year 1 - 5

**Measurable Goal:**

- Annual report submitted

**Table 6 Oversight and Reporting Schedule**

MCM VI. SWMP OVERSIGHT AND REPORTING												
Task	Title - Activity Description	Activity Owner	PY1		PY2		PY3		PY4		PYS	
			July-Dec	Jan-June	July-Dec	Jan-June	July-Dec	Jan-June	July-Dec	Jan-June	July-Dec	Jan-June
A.	Update and Maintain written SWMP	Environmental Health and Safety										
B.	Hold quarterly stormwater committee meetings	Environmental Health and Safety										
C.	Develop and submit the annual report	Environmental Health and Safety										

**Note:** Orange shading in the table above indicates the development of an activity. Purple shading indicates the implementation of an activity. Development of an activity typically requires more resources than implementing an activity. "PY" means permit year.

## 7. Monitoring

The objective of the monitoring program is to develop a baseline for stormwater quality on campus and to determine how (negatively and positively) activities on campus may impact stormwater. A portion of the western section of campus drains to Cane Creek. Cane Creek is included in the draft 2010 303(d) list of impaired streams as impaired due to siltation. However, Cane Creek originates off campus, and the MS4

permit only requires monitoring in streams, not of stormwater discharges. Therefore, the monitoring plan below is **recommended but not required**.

A. Update stormwater monitoring plan to evaluate the long-term effectiveness of stormwater controls on campus.

**Activity Owner:** Environmental Health and Safety / Water Center

**Schedule:** Permit Year 1 - 5

**Measurable Goal:**

- Monitoring plan developed

B. Review and revise plan with the City of Cookeville to determine their monitoring locations, monitoring dates, and constituents.

**Activity Owner:** Environmental Health and Safety

**Schedule:** Permit Year 1 - 5

**Measurable Goal:**

- Coordination with the City of Cookeville

C. Begin collecting stormwater quality samples per the written monitoring plan.

**Activity Owner:** Environmental Health and Safety / Water Center

**Schedule:** Permit Year 2 - 5

**Measurable Goal:**

- Long term stormwater quality sampling program implemented
- Stormwater quality analysis results and trend analysis

**Table 7 Monitoring Plan Schedule**

MCM VII. MONITORING												
Task	Title - Activity Description	Activity Owner	PY1		PY2		PY3		PY4		PYS	
			July-Dec	Jan-June	July-Dec	Jan-June	July-Dec	Jan-June	July-Dec	Jan-June	July-Dec	Jan-June
A.	Update stormwater monitoring plan	Environmental Health and Safety										
B.	Review and revise plan with City of Cookeville	Environmental Health and Safety										
C.	Begin collection stormwater samples per plan	Environmental Health and Safety										

**Note:** Orange shading in the table above indicates the development of an activity. Purple shading indicates the implementation of an activity. Development of an activity typically requires more resources than implementing an activity. "PY" means permit year.