

MSU Stormwater Management Roles and Responsibilities 2025

Environmental Health and Safety – (Kevin Eisenbeis and Mary Lindsey)

- Approve and sign off on all permit applications and related documents
- Coordinate low flow outfall screening once per permit cycle
- Maintain all outfall chemical testing files and ensure follow up with IPF at suspect outfalls
- Maintain IDEP database
- Direct drain marker program – maintain database and ensure annual reconnaissance
- Regularly inspect all facilities with a Stormwater Pollution Prevention Plans (currently Transportation Services Fueling Station, Recycling Center and Surplus Store and Golf Course Maintenance Facility)
- Respond to discharges and complaints about the river and track in database
- Meet illicit discharge reporting requirements for off-campus properties in urbanized areas
- Work with AgBioResearch on issues related to manure and nutrient management requirements
- Work with IPF to ensure compliance with stormwater runoff from construction sites
- Serve on Stormwater Committee (Mary Lindsey)

MSU-IWR with BAE and other academic departments (Ruth Kline-Robach)

- Manage/coordinate campus stormwater activities with EHS
- Ensure active role of MSU in Greater Lansing Regional Committee for Stormwater Management
- With input from all service units, write permit applications and annual reports
- Update Stormwater Management Program as needed
- Serve as liaison with EGLE representatives
- Conduct research and report on BMP/LID technique efficacy as appropriate
- Plan and host outreach events; coordinate stormwater public education efforts
- Link with local 319 watershed planning efforts
- Work with faculty to incorporate service learning and additional coursework featuring the river and stormwater controls
- Serve on Stormwater Committee

Infrastructure Planning and Facilities (IPF) – Planning, Design and Construction (Brandon List, Dave Wilber, Jeff West and Scott Gardner)

- Ensure compliance with post construction controls and stormwater design standards for all new development projects
- Maintain offset database for post construction controls
- Annually, complete offset database summary
- Maintain accounts and track budgets for long-term maintenance of stormwater BMPs
- Maintain central file sharing service (accessible by all service units) for all stormwater-related documents
- Survey General Fund buildings for illicit connections and prioritize corrective actions
- Track BMP maintenance schedules
- Maintain storm drain maps, sewershed maps and outfall database
- Provide design guidance to outside consultants working on capital projects to maintain adherence to the Stormwater Design Standards
- Provide design guidance on alternative approaches when deemed appropriate by the Stormwater Committee
- Serve on Stormwater Committee (Wilber and List)

- Link stormwater and wellhead protection planning with University Facilities and Land Use Plan
- Coordinate with IPF PDC and AgBioResearch to ensure land base for future stormwater controls
- Serve on Stormwater Committee

IPF Landscape Services (Matt Bailey)

- Inspect and maintain structural and nonstructural stormwater BMPs
 - Rain gardens and vegetated roofs, Landscape Bed Chemical Application (Scott Feick, Josh Ridner)
 - Riparian zones, wetlands, detention ponds, low-mow zones (Scott Feick, Josh Ridner)
 - Pervious pavement, catch basins, storm separators (Paul Harper)
- Document and follow good housekeeping procedures, including street sweeping, fertilizer and pesticide applications, snow and ice removal and other items in the SWMP (All Landscape Services Staff).
- Mandate stormwater training for selected staff members at least once per permit cycle (Matthew Bailey)
- Tree Chemical Application (Jerry Wahl)
- Serve on Stormwater Committee (Matt Bailey & Paul Harper)

IPF (Misc) –

- Chair Stormwater Committee to review stormwater controls (Scott Gardner)
- Inspect/track Soil Erosion and Sedimentation Control permits to ensure compliance with stormwater regulations (Chris Wise)
- Track grease trap cleaning at all campus cafeterias (Shawn Kelly)
- Ensure regular sanitary sewer maintenance and cleaning (Sam Fortino)
- Maintain Lift Stations (Sam Fortino)
- Include stormwater in training activities (e.g., Contractors and Consultants Forum) (Victoria Army)
- Include stormwater on IPF website (Erica Venton)

IPF Power and Water

- Coordinate campus Wellhead Protection Program and complete updates every six years (Tom Silsby with Ruth Kline-Robach)
- Consider linkages with stormwater permit requirements

AgBioResearch (Ben Darling, Jolene Bott)

- Ensure compliance with stormwater standards for areas of new development
- Ensure good housekeeping and recordkeeping practices on south campus to comply with stormwater regulations
- Maintain MAEAP certification for south campus farms
- Mandate stormwater training for farm managers at least once per permit cycle
- Mandate regular septic system maintenance and develop/maintain database
- Maintain structural and nonstructural BMPs and track in database
- Coordinate Soil Erosion and Sedimentation Control permits obtained for the South Campus Farms, with IPF, to ensure compliance with stormwater regulations
- Manage stormwater conveyances and field tile systems on south campus
- Liaison with Ingham County Road Dept and Drain Commissioner
- Serve on stormwater committee (Ben Darling, Jolene Bott)

Forest Akers Golf Course (Ben Keeler)

- Ensure good housekeeping practices for stormwater control
- Mandate stormwater training for selected staff members at least once per permit cycle
- BMP maintenance
- Track fertilizer applications

Athletics (Andy Flynn)

- Ensure good housekeeping practices for stormwater controls
- Track fertilizer applications
- Mandate stormwater training for selected staff members at least once per permit cycle

Campus Sustainability (Laura Young)

- Include stormwater information on Campus Sustainability website, and include links to other sources of stormwater information
- Periodically track University-owned roll-off bins for proper use (Kris Jolley)

Residential and Hospitality Services (Joe Petroff and Carla Iansiti)

- Mandate stormwater training for selected staff members at least once per permit cycle
- Regularly clean grease traps and work with IPF to track in database
- Encourage additional training for RHS Environmental Stewards

MSU Police (Stephanie O'Donnell)

- Incorporate stormwater controls into MSU parking system

MSU Stormwater Committee Members:

Scott Gardner (Chair), Dave Wilber, Brandon List, Matt Bailey, Paul Harper, Mary Lindsey, Jeff West, Ben Darling, Ruth Kline-Robach, Jolene Bott

MSU Stormwater Committee Responsibilities

- Meet monthly to review and approve stormwater control designs for new development projects
- Forward approvals to Campus Planning and Infrastructure Work Group
- Periodically review offset database to ensure compliance with Post Construction Controls Alternative Approach agreement with EGLE
- Review and approve offset database summary annually
- In addition to reviewing wet weather sampling data to ensure compliance with the Red Cedar River E. coli TMDL, discuss and address campus stormwater permit issues pertaining to the federal stormwater regulation's six minimum measures:
 - 1) Public Education
 - 2) Public Involvement
 - 3) Illicit Discharge Detection and Elimination
 - 4) Construction Stormwater Runoff
 - 5) Post Construction Stormwater Runoff
 - 6) Pollution Prevention and Good Housekeeping