

NPDES Phase II Stormwater Permit

What is the Phase II Stormwater Permit?

➔ The Phase II Stormwater Permit is an EPA-issued permit authorizing stormwater discharge from outfalls in urbanized areas that meet EPA population number and concentration criteria.

What are the Permit Requirements?

➔ Implementation of six minimum measures to reduce stormwater pollutants.

➔ Program Recordkeeping and Reporting Requirements.

➔ Stormwater monitoring and sample analysis may be required by the permit.



What are the Six Minimum Measures?

1. Public Education and Outreach
2. Public Involvement and Participation
3. Illicit Discharge Detection and Elimination
4. Construction Site Runoff Control
5. Post Construction Stormwater Management in New and Redevelopment areas
6. Pollution Prevention/Good Housekeeping



How can MSE help you?

Due to our many years of experience with assisting clients in meeting NPDES Phase I permit requirements and working on projects relevant to the six minimum measures, MSE can help you in meeting these requirements.

Key Projects

NPDES Permitting and Storm Water Consulting, Ada County Highway District, Idaho - Ongoing

- Prepare NPDES permit required annual reports to EPA
- Evaluate Best management Practices (BMP) Performance
- Evaluate storm sewer system performance
- Assist in NPDES permit application
- Prepare monitoring plans & perform NPDES permit required storm water monitoring
- Estimate pollutant loading & identify seasonal pollution trends
- Analyze storm water quality data to identify statistically significant trends

Data Storage and Automated Reporting System Development, Boise City and Garden City NPDES Co-Permittees

- Designed and developed expandable relational database application for storage and reporting of all NPDES permit monitoring programs
- Developed expanded automated reporting features (including charts and statistics)
- Developed modules for automatically importing electronic data files provided by laboratories
- Automated data reporting and presentation

Jerome Cheese Company, Public Outreach Process, Jerome, ID

- Provided public and community-relations support to Jerome Cheese Company by developing public information systems for the project and attending public and governmental agency meetings
- Developed a public participation process designed to educate the public about the proposed wastewater treatment facility
- Conducted public meetings for interested stakeholders, legislators, planning and zoning agency members and private citizens
- Prepared facility wastewater land application permit
- Developed Best Management Practices including nutrient management of irrigation runoff control to prevent discharges from the site

Boise River Wetland Trust, Star, Idaho

- Mapping buildings, water features, roads, riverbanks, and other prominent features using digital orthophotography
- Walking the perimeter of the wetlands and mapping the wetlands with a resource-grade GPS
- Delineating wetland acreage using GPS wetland data

WestFarm Foods, AKART Study, Sunnyside, WA

- Performed analysis of "all known, available, and reasonable methods of prevention, control, and treatment (AKART)" for process and storm water discharges from a large cheese manufacturing facility
- Evaluated compliance with NPDES and Industrial Stormwater permits
- Developed recommendations for BMPs and source reduction/waste minimization activities to reduce loading to both surface water and POTW outfalls

