



Jay Mosley, P.E., CPESC

Storm Water Engineer

Areas of Expertise

Storm Water Programs
Storm Water Systems
Hydrologic and Hydraulic Analyses
Storm Drainage Design
Project Management
Civil Design
Environmental Permitting
Environmental Documents
Flood Control Projects

Years of Experience

With URS: 2 Years
With Other Firms: 22 Years

Education

BS/Geology/1978/ Bowling Green
State University

MS/Hydrology and Forest
Influences/1983/SUNY College of
Environmental Science and
Forestry and Syracuse University

Registration/Certification

2001/Professional
Engineer/California

2003/Professional Engineer/Ohio

2007/Certified Professional in
Erosion and Sediment Control
(CPESC)

Overview

Mr. Mosley specializes in water resources, storm water, and civil engineering project management. He has managed and participated in a wide spectrum of projects such as countywide NPDES Phase II storm water programs and projects, large federal base closure projects, statewide storm water sampling and reporting projects, and hydrology and hydraulics analyses and reports for a variety of restoration, mitigation, and development projects. He is familiar with hydrologic and hydraulic modeling software such as HEC-RAS, HEC-HMS, PondPack, WinTR55, DAMBRK, Flowmaster, CulvertMaster, HEC-1, HEC-2, TR-20, and TR-55.

Project Specific Experience

Program Manager, Summit County Countywide NPDES Phase II Storm Water Management Program, Summit County, Ohio:

Program manager responsible for coordination and implementation of a Countywide Phase II storm water program for 26 Co-Permittees (including 14 cities/villages, 10 townships, Summit County, and Summit County Metro Parks). Prepared the Countywide SWMP in March 2003, 2003 and 2004 Annual Reports, and a master Pollution Prevention/Good Housekeeping Program document on behalf of the Co-Permittees. Responsible for coordination and implementation of the SWMP in the Summit County MS4 area. Coordinated the location of outfalls, HSTs, and illicit discharges using GPS units within the Summit County MS4 area. Coordinated Co-Permittee GPS, GIS and program training.

Task Manager, Mahoning County and Co-Permittees Storm Water Management Program (SWMP) Annual Report, April 3, 2005 to April 3, 2006, Mahoning County, Ohio:

Co-author responsible for the preparation of the Year 3 Annual Report on behalf of the Mahoning County SWMP (9 total Co-Permittees) to satisfy the requirements of the Ohio EPA Phase II Small Municipal Separate Storm Sewer Systems General Permit.

Task Manager, City of Delaware, Storm Water Management Plan (SWMP), Delaware, Ohio.

Task manager responsible for assisting with the preparation of a SWMP for the City of Delaware. The SWMP allowed the City of Delaware (an Appendix 7 community) to be in compliance with the Ohio EPA Phase II Small Municipal Separate Storm Sewer Systems General Permit. The SWMP outlined the storm water controls, BMPs, and program elements to be implemented by the City of Delaware during the 5-year permit duration.

Instructor, Illicit Discharge Detection & Elimination Program (IDEP) Storm Water Management Workshop, Ohio Local



Technical Assistance Program. Co-instructor for a series of one-day workshops at sites across Ohio. Workshops were designed to assist local agencies (cities, counties, and townships) employees with the requirements to detect, track, report, and eliminate illicit discharges to their municipal separate storm sewer systems (MS4s) required for the implementation of a successful IDEP.

Task Manager, Storm Water Master Plan (SWMP), City of Lorain, Ohio: Task manager responsible for the preparation of Phase I of the SWMP for the City of Lorain. The SWMP developed storm water design constraints and criteria for proposed development within the Storm Water Study Area in the City of Lorain. Phase I of the SWMP included the development of a baseline study, and the identification of study area constraints and problem locations related to storm water runoff.

Task Manager, Cleveland Innerbelt Corridor Storm Water Management Separation Feasibility Study, Cleveland, Ohio: Task manager responsible for the preparation of a study to assess the feasibility of separating project storm water runoff from the existing surrounding combined storm water and sanitary sewer overflow system (CSO). The final report will also recommend post construction Best Management Practices for each drainage area and will provide preliminary costs for the proposed separations.

Task Manager, Downtown District Stormwater Management Plan (SWMP), Village of Mundelein, IL: Responsible for the preparation of SWMP to establish drainage standards, detention requirements, and post-construction BMPs for the parcels within a proposed transit-oriented downtown plan.

Task Manager, Post-Construction Storm Water Red Flag Summary Report, Opportunity Corridor Project, Cleveland, Ohio. Task manager responsible for preparation of a Post-Construction Storm Water Red Flag Summary Report for the ODOT Opportunity Corridor project to provide access for the University Circle area to the interstate highway system. The report identified the potential design concerns and red flags for the highway post-construction storm water system for the preliminary design configuration of four separate alternative alignments.

Program Manager, Stormwater Consulting Services, U.S. Postal Service (USPS) Pacific Area sites in California and Hawaii: Implemented the USPS NPDES Group Monitoring plan for 32 vehicle maintenance facilities. Coordinated the sampling activities at 9 representative sampling sites. Prepared 32 annual reports for the Pacific area facilities, an annual group monitoring summary report, storm water quality reports, a NPDES general permit revisions report, and a revised group monitoring plan for the 1996-1997 submittal period.