



Wright Water Engineers, Inc.

LILY MONTESANO, CISEC WATER RESOURCES SPECIALIST

CURRENT

Lily Montesano is a Water Resources Specialist focused on environmental permitting and regulations for water quality projects. Her experience includes permitting for construction stormwater discharges under the Colorado Discharge Permit System (CDPS) and municipal erosion and sediment control regulations, floodplain development permitting, construction groundwater dewatering management, permanent stormwater control measure inspections, and drainage criteria manual development. Lily has significant experience in environmental project management and technical writing, including the preparation of stormwater management plans and floodplain development permit applications. Lily also has six years of experience conducting erosion and sediment control inspections on construction projects in a variety of sectors to ensure compliance with applicable federal, state, and local regulations.

EDUCATION

B.S., Environmental Science (Cum Laude), 2014
University of Denver

B.A., Economics (Magna Cum Laude, Phi Beta Kappa), 2014
University of Denver

CERTIFICATIONS

Certified Inspector of Sediment and Erosion Control (CISEC), 2018

REPRESENTATIVE PROJECTS

Stormwater Management/Water Quality

City of Castle Pines MS4 Permit Compliance Assistance. Perform periodic inspections on and document compliance status of construction sites and permanent stormwater control measures within the City of Castle Pines. Provide compliance guidance to permittees as requested.

Boulder County Erosion and Sediment Control Plans Review. Reviewed proposed erosion and sediment control plans for a stream restoration project on St. Vrain Creek and provided recommendations for modifications and improvements, taking into account applicable regulatory requirements, project needs, and site-specific conditions.

Construction Stormwater Compliance Inspections (2014-2019). Performed routine and post-runoff inspections on commercial, single- and multi-family residential, and utility construction projects subject to CDPS and/or municipal stormwater regulations to ensure compliance with applicable regulations. Reported deficiencies to project managers and provided recommendations for corrective actions with an eye to project constraints and site-specific conditions.

Xcel Energy Stormwater Compliance Training for Contractors. Delivered a training covering stormwater regulations and contractor obligations with respect to relevant regulations for small utility projects to contractors for Xcel Energy.

Xcel Energy and Lumen Stormwater Permitting. Assist two large utility companies with construction stormwater and construction dewatering permitting, including navigating federal, state, and local municipality requirements, field visits, and the preparation of SWMPs and control measure site plans. Conduct preconstruction meetings to explain environmental requirements to project stakeholders and respond to questions regarding applicable regulations.

Construction General Permit Fact Sheets. Perform review of construction general permits in twenty states across the US as permits are reissued. Summarize key requirements of each permit in a fact sheet for a large homebuilding client.

City of Commerce City Criteria Manual Updates. Assist in drafting and revising updates to the City of Commerce City Storm Drainage Design and Technical Criteria Manual, including chapters covering construction site stormwater management, floodplain development permitting, permanent water quality on industrial redevelopment sites, and submittal requirements.

Floodplain Management

Silverthorne, Colorado Floodplain CLOMR-Fs. Develop supporting hydrologic materials for several CLOMR-F applications located along the Blue River in Silverthorne, Colorado.

Xcel Energy and Lumen Floodplain Permitting. Assist two large utility companies with floodplain impact assessment and floodplain development permitting, including field visits and preparation of supporting documents such as scour analyses.

ADDITIONAL TRAINING

Colorado Department of Transportation: Transportation Erosion Control Supervisor (TECS)

Altitude Training Associates: Best Management Practices for Working in Waterways

Altitude Training Associates: Dewatering Operations Training Course

Colorado Association of Stormwater and Floodplain Managers: Floodplains 101

ADDITIONAL EXPERIENCE

Senior Account Manager, CMS Environmental Solutions, November 2017–August 2019. Managed environmental requirements for natural gas main and service reconstruction projects at Xcel Energy, including construction stormwater, floodplain, and 404 permitting requirements, and collaboration on establishing permits. Designed and distributed erosion and sediment control plans and performed inspections on both permitted and unpermitted projects.

Environmental Analyst, CMS Environmental Solutions, October 2014–November 2017. Performed inspections on construction projects in a variety of sectors to ensure compliance with applicable federal, state, and local regulations, including implementing creative solutions to compliance deficiencies and auditing existing SWMPs.