



# Matthew B. Whittaker

## **Current Position**

Senior Principal, Civil Engineer

## **Profession**

Civil Engineering

## **Years' Experience**

17+

## **Education**

BS – Civil Engineering, Virginia Polytechnic Institute and State University, Blacksburg, VA

## **Professional Registrations**

PE – VA, TN

MSHA 8-Hr. Contractor Refresher

48-Hr. REAME Slope Stability Course

## **Summary of Experience**

Mr. Whittaker prepares and manages permitting projects for surface and deep mines to meet state and federal regulations. Mr. Whittaker is responsible for coordinating permit applications and revisions with the Office of Surface Mining (OSM), Mine Safety and Health Administration (MSHA), Environmental Protection Agency (EPA) and multiple Virginia, West Virginia and Tennessee state agencies. The State agencies include Virginia Department of Mined Land Reclamation (VDMLR), Virginia Department of Transportation (VDOT), Virginia Department of Environmental Quality (VDEQ), West Virginia Department of Environmental Protection (WVDEP) and Tennessee Department of Environment and Conservation (TDEC).

## **Significant Experience**

- > Responsible for impoundment inspection and certification.
- > Developed Erosion and Sediment Control (E&SC) Plans for retail and professional office space.
- > Developed Storm Water Pollution Prevention Plans (SWPPP) for retail and professional office space.
- > Prepared flood study for Clear Fork in Tazewell County in accordance with Federal Emergency Management Agency (FEMA) guidelines.
- > Performed Total Maximum Daily Load (TMDL) calculations for total dissolved solids (TDS), chloride and polychlorinated biphenyls (PCB).
- > Performed mixing zone calculations for chloride and selenium to meet associated in-stream water quality standards.
- > Prepared PCB Pollutant Minimization Plans.
- > Responsible for submittal of Title V Air Permit Reports. Reports included the following: Annual Compliance Certification, Annual Update, Emission Statement with calculations, Semi-Annual Monitoring Reports and Regulation 10 Reports.
- > Responsible for Borrow Area design and layout for the Corridor Q / U.S. Route 460 Connector Phase II roadway.
- > Responsible for Waste Disposal Area design and layout for the Corridor Q Overlap / Route 460/121 Poplar Creek roadway.
- > Prepared budgetary estimates and proposals for upcoming projects.