

BRANDON SUCHOMEL**Education**

B.S., Geological Engineering, University of Wisconsin-Madison, 2017
 B.S., Geology and Geophysics, University of Wisconsin-Madison, 2017

**Professional Licenses**

Engineer in Training, Wisconsin

Specialty Certifications

40-hour OSHA HAZWOPER Training
 Troxler Nuclear Gauge Safety Training

Professional Experience

Mr. Suchomel has 3 years of experience in the waste management industry and environmental consulting. He has provided engineering support on several solid waste-related sites and has performed construction oversight and field documentation for various geosynthetics installation, clay liner construction, and landfill gas collection system construction. Brandon has experience with geotechnical analysis including slope stability and settlement as well as with environmental compliance work such as Spill Prevention Control and Countermeasure (SPCC) Plan development and environmental site investigations, including Phase 1 and 2 Environmental Site Assessments.

Electric Utilities

Portage, Wisconsin, WPL Columbia Dry Ash Disposal Facility. Performed construction documentation activities for the 4.2-acre Module 4 Liner System Construction at the dry coal combustion residuals (CCR) landfill. Full-time field engineer support included surveying, field compaction testing with nuclear density gauge, and construction material sample collection. Oversaw the placement and testing of the subbase and clay liner, installation of the geosynthetic clay liner (GCL) and geomembrane, placement of drainage material, installation of leachate collection system, construction of access roads, and restoration activities. Developed a construction documentation report for the liner construction activities.

Provided construction documentation support for a 2.8-acre landfill final cover system. Project work included support of documentation surveying data management, construction oversight, laboratory testing results, and construction documentation report preparation.

Provided construction documentation activities for a composite system liner repair. Project work included construction oversight of geosynthetic clay liner (GCL) and geomembrane installation, placement of drainage material, and construction documentation report preparation.

Cassville, Wisconsin, WPL Nelson Dewey Generating Station Ash Pond Closure. Provided field oversight of a site assessment for designing the abandonment/closure of CCR management ponds, coal yard, and CCR handling areas. Project work included the oversight of test pits and soil borings.

Performed construction documentation activities for the Nelson Dewey ash pond closure project which included decommissioning of the former coal yard, a fly ash settling and coal yard runoff pond,

a slag settling pond, and a slag handling area. Oversight included full-time field engineer support during all closure-related construction activities; surveying for all aspects of closure construction; coordination of laboratory testing of soil, geosynthetic, and dewatering treatment system discharges; and daily reporting. Developed a construction documentation report for closure construction activities.

Sheboygan, Wisconsin, Edgewater I-43 Ash Disposal Facility. Provided construction documentation support for a 4.75-acre landfill final cover system. The final cover consisted of grading the existing ash material; installing 2 feet of compacted clay, 40 mil LLDPE geomembrane, geocomposite drainage layer, and rooting zone and topsoil; restoration activities; and storm water features. Project work included support of documentation surveying, full-time construction oversight, laboratory testing results, and documentation report preparation.

Municipal Solid Waste

Whitelaw, Wisconsin, Ridgeview Recycling and Disposal Facility. Performed construction documentation activities for the 3.0-acre Cell 2B South Liner System Construction at the landfill. Full-time field engineer support included survey data management, field compaction testing with nuclear density gauge, and construction material sample collection. Oversaw the placement and testing of the subbase and 4-foot clay liner, installation of the geomembrane and geotextile, placement of drainage material, installation of leachate collection system, and construction of perimeter and access areas. Additionally, assisted with the investigation for clay liner material on the landfill site and developed a construction documentation report for the liner construction activities.

Wisconsin Rapids, Wisconsin, Cranberry Creek Landfill. Performed construction documentation activities for landfill gas extraction systems improvements. Full-time field engineer support included surveying and construction material sample collection. Oversaw the installation of vertical gas extraction wells, horizontal gas extraction wells, gas lateral piping, forcemain piping, airline piping, and geomembrane repairs. Developed a construction documentation report for the gas system improvement construction activities.

Horicon, Wisconsin, Glacier Ridge Landfill. Assisted in the development of a geotechnical stability monitoring plan for liner construction over soft soils. Performed monitoring analysis and stability determinations based on piezometer data and provided stability determinations during construction over soft soils.

Menomonee Fall, Wisconsin, Orchard Ridge Recycling and Disposal Facility. Provided geotechnical engineering design support for a plan of operation update for a 46-acre landfill expansion including stability, settlement, and geosynthetic material analysis.

Dane County, Wisconsin, Dane County Landfills. Monitored groundwater quality, leachate, and landfill gas extraction wells at Dane County Landfills. Assisted with data analysis and reporting and with the development of a gas migration control system.

Wisconsin, Multiple Sites. Provided annual reporting assistance including Organic Stability, Leachate Recirculation, and/or Research, Development, and Demonstration (RD&D) Plans for landfill sites throughout Wisconsin. Assisted with waste composition updates, evaluation of landfill gas generation changes, and system update recommendations.

Environmental Compliance and Services

Midwest, Multiple Sites. Prepared SPCC Plans and SWPPPs for various facilities in Wisconsin, Iowa, and Minnesota.

Assisted with the development of Tactical Response Plans for several oil terminal facilities in Wisconsin.

Provided design support for oil containment systems for oil-filled electrical equipment at electric power distribution substations including sizing of containment systems, selection of containment system materials, and development of construction drawings.

Conducted Phase 1 and 2 Environmental Site Assessments for real estate transactions and regulatory compliance in Wisconsin, Minnesota, and Iowa. Environmental Site Assessment activities included identifying potential environmental liabilities, collection of soil and groundwater samples, geologic logging, and contacting local regulatory agencies to determine compliance.

Performed spill response cleanup activities and remedial excavation oversight throughout Wisconsin.