Matthew W. Gandy

Environmental Scientist

Matthew Gandy is an Environmental Scientist with experience in field activities, including overseeing installation of soil borings and groundwater monitoring wells; air, soil, groundwater and sediment sampling; vapor intrusion assessment and abatement; implementation of chemical injection program for the in-situ chemical oxidation process; and data analysis and preparation of technical reports and submittals. Mr. Gandy participates in activities of:

- Execution of all phases of site and remedial investigations as governed by the NJDEP's LSRP and UST programs including active field work, data analysis, and the preparation of technical reports and forms;
- Evaluation of the geological and hydrogeological characteristics for contaminated sites;
- Site evaluation and assessment to evaluate potential soil and groundwater impacts from hazardous wastes and toxic constituents;
- Remediation system operation and maintenance activities and remediation performance monitoring and evaluations, including in-situ chemical oxidation systems, soil vapor extraction systems, and vapor intrusion mitigation systems.

Education

B.S./Environmental Science
Minor in Philosophy
Moravian College, Bethlehem, Pennsylvania
2016

Professional/Business Training

The 40-Hour Training Course in Hazardous Waste Operations and Emergency Response (HAZWOPER Certificate), required by OSHA 29 CFR 1910.120

Awards

Recipient of Henry 'Spud' Dobenski Award for Citizenship and Sportsmanship - 2012 & 2015

Landmark Conference All-Sportsmanship Award - 2014

Sophomore Leadership Program - 2013

SELECTED PROJECTS

Underground Storage Tank (UST) Sites, Various Locations, New Jersey – Participated in the field activities for a number of underground storage tank (UST) sites, with the majority of the UST sites being impacted by petroleum hydrocarbons. Participated in the bench scale and pilot-scale testing of an in-situ chemical oxidation (ISCO) remediation plan at the site. Responsibilities included oversight of soil borings and well installations; participation in aquifer tests, soil, air, and groundwater sampling; contamination delineation; data tabulation and analysis; oversight of soil excavation; operation and maintenance of the soil and groundwater remediation systems; and report preparation.

Former Specialty Chemical Manufacturing Site, Hackensack, New Jersey – Participated in site investigation activities and active remediation at a former speciality chemical manufacturing facility shown to be heavily contaminated with various chlorinated organic compounds. Participated in the current full-scale, multi-year implementation of an in-situ chemical oxidation (ISCO) remediation at the site. Responsibilities included daily

tracking of ISCO progress; the application of ISCO chemicals; ISCO response monitoring; oversight of the installation of soil borings and monitoring and remediation wells; soil and groundwater monitoring and sampling; health and safety planning and monitoring; contaminant delineation; data tabulation and analysis; and report preparation.

Former Electronics Manufacturing Sites, Binghamton and Kirkwood, New York – Participated in field activities in groundwater monitoring and sampling; ISCO system operation, maintenance and monitoring; inspection of deed notice areas; and inspection of the active sub-slab depressurization (ASD) systems; and monitoring of the indoor air quality at both sites. Assisted project management; field activity planning and coordination; coordination of field materials, supplies and chemicals; data tabulation and analysis; and, progress report preparation for both sites.

EMPLOYMENT HISTORY

2016 – Date Environmental Scientist
Verina Consulting Group, LLC, Bridgewater, New Jersey