

# Nate Oropollo

Biologist, Field Scientist



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## Areas of Specialization

- Federal and state agency compliant groundwater, soil and vapor sampling programs
- LNAPL and DNAPL recovery programs
- In-situ remediation system installation and operation
- In-situ chemical oxidation programs
- Ecological toxicology sampling
- Wetland delineation

## Overview of Project Experience

- Environmental Scientist conducting multi-media data collection on USEPA and state-lead sites in Pennsylvania, New Jersey, Maryland, Delaware and New York. Met data quality objectives that facilitated conceptual modeling, predictive outcomes and site closure.
- Site supervisor for large-scale contaminated soil excavation projects in Delaware and New Jersey. Responsible for direct oversight, access permit acquisition, subcontractor management, data quality assurance and control and regulatory compliance.
- Lead remediation specialist of an in-situ bioremediation remedy to degrade aqueous-phase chlorinated solvents at a Federal NPL site.
- Lead remediation specialist responsible for system operation, maintenance, troubleshooting, data analysis and treatment system optimization on multiple project sites. Technologies include air sparge/soil vapor extraction, dual-phase extraction, pump and treat, carbon adsorption, phase separation, LNAPL/DNAPL recovery and thermal/catalytic oxidation.
- Lead remediation specialist on in-situ chemical oxidation projects. Experienced with Fenton's Reagent, hydrogen peroxide, activated sodium persulfate and multiple control and delivery technologies.
- Biologist conducting freshwater stream evaluations to determined pollutant levels and water chemistry within Pennsylvania.

## Education

B.S., Biology/Environmental Science  
Lycoming College, 2013

## Registration/Certification

Wetland Delineation Certificate Series

- Vegetation Identification
- Wetlands Delineation
- Wetlands Identification

PE Plastic Fusion Joining

OSHA Certified 40 Hour HAZWOPER

OSHA Certified Confined Space Entry Training

Red Cross First Aid/CPR

Red Cross AED (Automated External Defibrillators)

## Affiliations

American Red Cross





## Overview of Project Experience (continued)

- Biologist involved in invasive plant species irradiation and native species introduction at a Pennsylvania wildlife refuge. Work resulted in the reestablishment of natural habitats, enhanced nitrogen fixation and strengthened soil formations.
- Biologist leading field data collection to support a macroinvertebrate lethal-dose limit study associated with an industrial site restoration effort.