

Nora Pearse-Nimmerichter

Geologist



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Areas of Specialization

- State and Federal Regulatory Compliance
- Phase I and II Environmental Site Assessments
- Public Notification & Outreach Planning
- Data Analysis, Technical Report Writing and Conceptual Site Modeling
- NPDES and NJPDES Permitting
- Graphic Data Presentation through Computer-Aided Drawings, ArcGIS and RockWare

Qualifications

- Bachelor of Science Degree in Geology, West Chester University
- NJDEP Case Study Training for LSRP's
- Online Geospatial Data for Water Resources Engineering
- NJDEP Environmental Quality Assurance Technical Guidance

Overview of Project Experience

- **Brownfield Redevelopment—Jersey City Redevelopment Authority, NJ—** Environmental investigations and remediation of soils, groundwater and vapor intrusion to facilitate redevelopment of seven parcels of city-owned land.
- **Remedial Investigations—Suburban Propane, NJ—** Implementation and oversight of remedial investigation activities for soils and groundwater at six Suburban Propane Sites across New Jersey.
- **Safe Drinking Water Management Program, School District of Philadelphia, PA—** Implementation of a safe drinking water management program for the School District of Philadelphia. Coordination and oversight of the collection of approximately 6,000 drinking water samples from 252 schools in Philadelphia.
- **Bulk Fuel Distributor Investigation and Remediation, Atlantic Highlands, NJ—** Directly oversaw the investigation and remediation of 33 AOCs through the Site Remediation Program in New Jersey.

Education

B.S., Geology, *Cum Laude*
West Chester University, 2013

Certifications

OSHA 40 Hour HAZWOPER

OSHA 8 Hour HAZWOPER
Refresher- Toxicology, Sampling
Methods and Decontamination

ASTM Training on Phase I and Phase II
Environmental Site Assessments for
Commercial Real Estate (ASTM E1527-
13)

Awards

2018 Committee E50 on Environmental
Assessment, Risk Management and
Corrective Action Distinguished Service
Award

2013 Richard A. Smith Memorial
Scholarship Award - Geology

Affiliations

The Society of Women
Environmental Professionals
(Philadelphia Chapter) - *Board of
Directors*

American Helicopter Museum—Girls in
Science and Technology Program,
Charter Adviser (2012-2017)

Challenger Learning Center of
Philadelphia, *Advisory Board Member*
(2016—2018)



Overview of Project Experience (Cont'd)

- **Hydrogeologic Investigations, DE**—Involvement and management of multiple sites in Delaware which required Hydrogeologic Investigations and applying the proper Tier requirements within DERBCAP.
- **Act 2 Land Recycling Program Site Closures, PA**—Closed multiple sites under Pennsylvania's Act 2 program. Sites included impacts to soils and groundwater from chlorinated solvents and volatile organic compounds.
- **NJDEP Administrative Requirements for the Remediation of Contaminated Sites (NJAC 7:26C), NJ**—Evaluation and interpretation of historic site data to create Conceptual Site Models for each Site, managing internal and external mandatory deadlines, data management and Client management.
- **Drinking Water Sampling, NJ**—Responsible for the coordination and collection of over 600 drinking water samples throughout New Jersey in a 3-month timeframe.
- **Vapor Intrusion Investigation, NJ**— Design and implementation of vapor intrusion investigations. Selection of indoor sample locations, sub-slab soil gas sample and composite indoor air sample collection.
- **Remedial Action Permit Submittal and Approvals, NJ**— Successfully wrote, submitted and have received approved groundwater remedial action permits for multiple NJ sites.
- **NJDEP UST Funded Site Closure, Cumberland County NJ**—Successfully managed and closed a UST Funded project site in New Jersey with soil and groundwater AOCs. Response Action Outcome Unrestricted Use letter sent in for all AOCs. The project was completed under the approved NJDEP EDA amount.
- **Phase I and Phase II Due Diligence—New Castle County, DE**—Performed numerous Phase I and Phase II due diligence assessments for the County of New Castle, Delaware.
- **NOIR and UECA Notifications, PA**—Developed and written multiple NOIRs and UECA notifications for a multitude of sites across Pennsylvania.
- **EPA Data Validation—NJ**—Evaluating and submitting analytical data for 40+ data points at a superfund site in New Jersey.
- **HAZSITE Electric Data Submission, Classification Exception Area/ Well Restriction Area submissions, NJ**— Directly responsible for the submission and management of project data on a multitude of NJ Projects.
- **Management and Development of Seven Standards, ASTM International, PA**—Manage the development of seven individual consensus based standards through a rigorous consensus process within ASTM. Developed an international team of 100+ technical experts including academia, attorneys, state and federal regulators, industry, consultants and general interest.

Collaboration on ASTM Approved Guides

- Standard guide for Selection and Application of Analytical Methods and Procedures Used during Sediment Corrective Action; E3163-18
- Standard Guide for Sediment Corrective Action; E3164-18



Public Recognition

- Sudol, J.J., & Haghighipour, N. (2012). *High-Mass, Four-Planet Configurations for HR 8799: Constraining The Orbital Inclination and Age Of The System*. *The Astrophysical Journal*, 755:38 (9pp). 9.

Recognized for the construction of a computer network used to conduct early investigations of the HR 8799 system. Involved software engineering, coding, running simulations and upkeep of 36 computers.

Public Outreach Events

- American Helicopter Museum & Education Center Gala: 2017 Evolo GmbH - Successful Manned Flight of Volocopter VC200; 2009 AgustaWestland - AW 109 "Round the World" Helicopter Speed Record
- West Chester University—Geology Department—Panel Discussion
- Newark Charter School Dinner with a Scientist
- Hopewell Elementary STEM Expo

