|  |
| --- |
| **20** |
| **Graduation cap with solid fillEducation** BS, Environmental Engineering  BS, Environmental Management **Diploma with solid fillLicenses & Certifications** Professional Engineer – Florida No. 89121  40-hour OSHA HAZWOPER Training  8-hour OSHA HAZWOPER Refresher  **Checklist with solid fillAbilities & Experience**   * Implement and interpret biological and/or water quality monitoring data * Groundwater flow analysis and/or contaminant fate and transport analysis * Scientific and engineering analysis * Direct participation on groundwater restoration projects * Direct participation in authoring documents |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Troy Schick, PE**  Professional Engineer | | | | | 8  Years of Experience |
|  | | | | | |
| Troy has prepared Site Assessment Reports, Drainage Assessment Plans, Dewatering Permit Applications, Remedial Action Plans, Soil Characterization Reports, and a multitude of other environmental reports to assist private and public sector clients in their project goals. | | | | | |
|  | **Relevant Experience** | **8** years Petroleum Cleanup | **8** years Environmental Site Investigations | **8** years Active Environmental Remediation | |

Miami-Dade County Department of Environmental Resources Management (DERM), Bus Maintenance Facilities, Miami-Dade County, Florida. Project Manager. In this critical role, I oversaw and executed comprehensive site assessment activities pertaining to petroleum-contaminated sites. My responsibilities included conducting an in-depth historical research to accurately identify and evaluate the extent of contamination within various Miami-Dade County properties. Collaborating closely with interdisciplinary teams, I ensured proper inclusion of these properties within the Petroleum Restoration Program, adhering to environmental standards and regulations.

Dewatering Permitting and Treatment System Design, LNG Facility, Miami-Dade County. Project Manager. Responsible for the design and permitting of dewatering treatment systems at a site contaminated with petroleum products within Miami-Dade County. Leveraging extensive expertise in environmental engineering and regulatory compliance, developed customized solutions to address unique contamination challenges. My work involved close collaboration with regulatory authorities, site engineers, and environmental specialists to ensure the effective implementation of treatment strategies, aligning with both local regulations and industry best practices. This critical project contributed to the restoration and protection of environmental integrity in the affected areas.

Groundwater Remediation (ERIC\_14356), Private Utility Provider, Miami-Dade County, Florida. Project Manager. Prepared the pilot test and full-scale system design for the petroleum groundwater remediation. Served as Project Manager during RAP preparation. The RAP was approved by FDEP in 2021. FDEP has approved the discontinuing of active remediation at the site, due to the mineral oil thickness decreasing to a level that does not pose a risk to the human health and the environment. The system was deactivated during the summer of 2023, in preparation for two quarters of groundwater monitoring to meet the RMO Level 2 requirements. 2020 – 2023.

Groundwater Remediation (HWR-471), Private Utility Provider, Miami-Dade County, Florida. Project Professional/Project Manager. Designed arsenic and petroleum groundwater remediation pilot test and associated pump tests for a private utility provider. Managed the operation, maintenance and reporting for the full-scale system since 2020. Mineral oil FFP levels at the site have decreased from approximately two feet to almost an immeasurable thickness since the pilot test. The system remains operational to complete the arsenic portion of the remediation. 2011 -2023.