



Nathan Wilson

Environmental Technician

Mr. Wilson is a very active member of the H2E team. He holds a Bachelor of Science degree in geoscience, with an emphasis in environmental sciences, and gained GIS certification from Minnesota State University of Moorhead. Mr. Wilson is an experienced field technician for H2E, managing SPCC and SWMP programs for various upstream oil & gas operators. He is also one of H2E's technical specialists with expertise involving Auto CAD, ESRI's ArcGIS Suite, Visio, and other technical programs used in the environmental field. Mr. Wilson also has experience in conducting environmental analysis for several coal mines in north central North Dakota. Responsibilities ranged from wildlife and vegetative surveys, to post-mining environmental inspections.

Experience

- Conduct CDPHE Active (14 day w/Post Precipitation), Inactive (30 day) and COGCC required stormwater inspections for upstream oil and gas production facilities and midstream pipelines.
- Prepare new construction stormwater plans and associated site specific designs based on good engineering practice.
- Develop and implement cloud based stormwater inspection program facilitating rapid access to inspection findings and associated GIS information.
- Conduct annual SPCC inspections for upstream oil and gas production facilities for compliance with 40 CFR Part 112 regulations along with state and local requirements.
- Field data collection of SPCC information at new and existing oil and gas facilities in order to prepare new SPCC plans and/or updates to existing plans.
- Well-versed at generating site specific diagrams in Auto CAD, ArcGIS, and Visio formats to meet client specific needs.
- Utilized both on device and cloud based GIS field data collection techniques to facilitate environmental compliance.
- Performed database management of complex GIS datasets representative of oil and gas infrastructure.
- Performed pre-construction and post-disturbance wildlife and vegetative surveys.
- Collect water samples for undisturbed and post-disturbance water bodies associated with coal mining operations.
- Performed noxious and invasive vegetation control using both chemical and insect collection for biocontrol.
- Certified commercial UAV pilot.

Education

Minnesota State University of Moorhead, Moorhead MN. 2018 - B.S. Geoscience

PEC Premier - Safe Land Training

H2S Awareness Training

Red Cross CPR/First Aid/AED training

CETC 150 - Stormwater Management and Erosion Control training

Licensed unmanned aircraft systems pilot (CFR Title 14, Part 107)

