



## **Appendix D: Compliance Assurance Plan**

**CASE 10-T-0189**  
**COMPLIANCE ASSURANCE PLAN**

*Note: Updates to the same version submitted with Segments 1 & 2 EM&CP on September 19, 2022, except that the first paragraph in Section 3.2.3 has been revised and APPENDIX A of COMPLIANCE ASSURANCE PLAN - Inspector Resumes has been updated.*  
*(November 16, 2022)*

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**CASE 10-T-0189**  
**COMPLIANCE ASSURANCE PLAN**

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## 1.0 INTRODUCTION

As specified in Certificate Condition 160, the Certificate Holders have developed this Compliance Assurance Plan to ensure that quality standards are followed, and environmental compliance is maintained. The Certificate Holders will implement this Compliance Assurance Plan to confirm that the Project components and tasks conform to the Certificate issued by the Public Service Commission on April 18, 2013 (as amended), and the technical specifications of the Plan & Profile Drawings as well as the procedures outlined in the sections of the EM&CP.

## 2.0 INSPECTORS CONTACT INFORMATION

Appendix A of this Compliance Assurance Plan includes the resumes for the Inspectors summarized in Table 1 below. For those positions not yet filled, names, contact information, and qualifications will be provided to DPS Staff for review two (2) weeks prior to the start of construction.

**Table 1 - Inspectors Contact Information and Qualifications**

Inspector Title	Name(s)	Contact Information	Qualifications
Safety Inspector	Bear Kirk Shawn Reeves	bear.kirk@wsp.com 302-579-9390 shawn.reeves@wsp.com 225-993-0610	TBD
Quality Assurance Inspector	Aly Fahmy Fernando Gonzales	aly.fahmy@wsp.com 205-765-3922 fernando.gonzales@wsp.com 201-951-3649	See attached Resumes for field inspectors
Construction Inspector	Aly Fahmy John Barnard	aly.fahmy@wsp.com 205-765-3922 john.barnard@wsp.com 925-303-0043	See attached Resumes for field inspectors
Environmental Inspector	Brock Freyer Willie Keeney	brock.freyer@wsp.com 603-420-9517 wkeeney@diehluxllc.com 507-637-7499	See attached Resumes for field inspectors
Agricultural Inspector	Brock Freyer Willie Keeney	brock.freyer@wsp.com 603-420-9517 wkeeney@diehluxllc.com 507-637-7499	See attached Resumes for field inspectors

In the event that two or more major construction operations are undertaken simultaneously in areas separated by ordinary highway driving of more than three (3) hours, the Certificate Holders will ensure that at least one inspector of each type shall be assigned to each construction area as needed. The Certificate Holders have a broad bench of inspectors, however, if needed, they will hire additional qualified inspectors to fulfil duties in different areas.

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### **3.0 QUALITY CONTROL INSPECTIONS**

The Quality Assurance Inspector will perform the Quality Control Audits on behalf of the Certificate Holders. The Quality Assurance Inspector will have the qualifications and responsibilities specified in Section 3.1 of the EM&CP and Certificate Condition 53.

The Quality Control Inspections will include the following components:

1. Purchasing Quality Control Inspections, which will ensure the Project materials, structures, equipment, and components purchased conform to the technical specifications identified in the Plan & Profile Drawings as well as the procedures and specifications described in the EM&CP.
2. Construction Quality Inspections, which will ensure that the Project is being constructed in accordance with the design and technical specifications for the Project. The Certificate Holders will notify the DPS Staff representative of when the field reviews will occur.
3. Compliance Inspections, which will ensure that the Certificate Holders are in compliance with the Article VII Certificate and all requirements of the Certificate Conditions.

### **3.1 QUALITY CONTROL INSPECTION SCHEDULE**

Quality Control Inspections will be completed at least monthly during the pre-construction, and construction phases. The Inspections will be performed annually during the first two years of the post construction phase.

### **3.2 REPORTING & DOCUMENTATION**

After each Quality Control Inspection, the Quality Assurance Inspector will alert the Certificate Holders of areas of non-conformance with the construction plans or non-compliance associated with the Certificate Conditions that were observed during the Inspection. If any areas of non-conformance require immediate attention such as those that impact the safety of Project personnel, work will be halted immediately and the Quality Assurance Inspector will alert the person supervising the construction and the Certificate Holders immediately and the Certificate Holders will collaborate with their team to determine the most appropriate course of action within the requirements of Certificate Conditions and the standard of care for the of the industry and then perform the actions necessary to resolve the issue as quickly as possible.

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If immediate actions are not required, the Certificate Holders will prepare a report that documents the corrective and preventative actions to address the issues observed by the Quality Assurance Inspector. This report will be completed in a prompt manner consistent with the issues it is addressing and filed with the Certificate Holders and DPS Staff if applicable.

For any issues brought to the attention of the Quality Assurance Inspector or the Certificate Holders by any utility owners or operators whose property has been damaged in any material way as a result of the construction, the Certificate Holders will prepare a similar report with the guidance of the Quality Assurance Inspector, applicable utility owners, and agencies as needed. This report will document the corrective and preventative actions to address all damages that have occurred or have the potential to occur. This report will be completed in a prompt manner consistent with the issues it is addressing and filed with the Certificate Holders and DPS Staff if applicable.

### **3.2.1 Purchasing Quality Control Audits**

Within five (5) business days following completion of each Purchasing Quality Control Audit, the Certificate Holders will provide to the DPS Staff Representative a report of such audit that includes: (i) a description of the results of the audit, particularly with respect to results that identify that one or more structures or components the Certificate Holders purchased for installation in the Project did not conform to the specification for structures or components described in the approved EM&CP; and, (ii) any notes pertinent to the subject matter of such audit which were made at audit meetings by the Certificate Holders' personnel and contractors who performed the audit.

If any Purchasing Quality Control Audit conducted by the Certificate Holders confirms that one or more structures or components the Certificate Holders purchased for installation in the Project did not conform to the specification for structures and components described in the approved EM&CP, the Certificate Holders will: (i) provide written notification to the Secretary within 24 hours of the Certificate Holder's confirmation of such non-conformity; and (ii) describe the steps the Certificate Holders will take to correct the non-conformity, including whether any components must be dismantled and sent back to the manufacturer, as well as a detailed estimate of all costs and expected delays in construction resulting from such non-conformity.

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### **3.2.2 Construction Quality Control Audits**

After reviewing the active construction work areas, purchased construction equipment and materials, and design plans the Construction Inspector, with the help of other inspectors where applicable, will prepare a written report of the findings on whether the Project is being constructed in accordance with the design for the Project. This construction quality control audit may also involve discussions and meeting with the design engineer, construction contractor, and construction personnel as needed. This written report will be generated every month during construction of the Project and submitted to the Certificate Holder. The Certificate Holders will provide a copy of each such report to the DPS Staff Representative three (3) business days after the report is generated.

If materials, structures, or components are installed that do not conform to those specified in the EM&CP, the Certificate Holder, within one (1) month after becoming aware of such incident, shall prepare and deliver to the DPS Staff Representative a summary report detailing the incident, the steps to be taken to rectify the non-conformance, the material and labor costs associated with addressing the issue, and the manner in which such costs will be accounted for separately from the Certificate Holder's other Project costs.

### **3.2.3 Compliance Inspections**

Compliance inspections and oversight shall be conducted daily by the designated compliance inspector(s) for all construction activities. The duration of inspections and oversight of the compliance inspectors will be dependent on activity type, location, or otherwise required by Certificate Condition(s). Designated compliance inspector(s) will provide constant oversight for HDD and dredging operations, and conduct inspections as required. The Certificate Holders will provide to DPS Staff a weekly schedule of the Environmental Inspector and the Construction Inspector and their cell phone numbers. The Environmental Inspectors and Construction Inspectors will be properly equipped to effectively monitor each Contractors' compliance with the provisions of the Certificate and applicable sections of the PSL, New York State Environmental Conservation Law ("ECL"), the Water Quality Certification ("WQC") issued in connection with the Facility pursuant to Section 401 of the Federal Clean Water Act and the approved EM&CP for each segment of the Project. The Agricultural Inspector will be available to provide site-specific agricultural information and have direct contact with affected farm operators, County Soil and Water Conservation Districts, and the New York State Department of Agriculture and Markets. The Agricultural Inspector will maintain regular contact with the Environmental Inspectors and the Construction Inspectors throughout the construction phase. The Agricultural Inspector will also maintain and document regular contact with the affected farmers and County Soil and Water Conservation Districts concerning farm resources and management matters

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pertinent to the agricultural operations and the site-specific implementation of the approved EM&CP.

These Compliance inspections will be recorded daily using standardized forms (Daily Reports) for each type of compliance inspection. These forms will include components of the work matters to inspect for compliance, specific items and locations inspected will be recorded along with the inspection method employed and acceptability criteria. During the work, if an inspector identifies an item of noncompliance with construction plans or with the Certificate Conditions, the Inspector will alert the person supervising the construction where the noncompliance was observed immediately so that they can take appropriate corrective action. The Inspector will document noncompliance matters and their corrective action in the Daily Report which will be provided to Certificate Holders within a centralized data sharing platform.

The Certificate Holders will promptly notify DPS Staff and NYSDEC if a New York State listed species of special concern is observed to be present in the Facility area (Certificate Condition 51).

The Certificate Holders will promptly notify DPS Staff, NYSDEC and the United States Fish and Wildlife Service (“USFWS”) or National Marine Fisheries Service (“NMFS”) (if applicable) if any threatened or endangered wildlife species under 6 N.Y.C.R.R. Part 182 (“TE species”) or any rare, threatened or endangered plant species under 6 N.Y.C.R.R. Part 193 (“RTE plants”) are observed to be present in the Facility area so as to determine the appropriate measures to be taken to avoid or minimize impacts to such species. If necessary to avoid or minimize impacts to such species or as directed by DPS Staff, the Certificate Holders will stabilize the Project area and cease construction or ground disturbing activities in the immediate area of the threatened or endangered species until DPS Staff have determined that appropriate protective measures have been implemented (Certificate Condition 52).

## **4.0 ENVIRONMENTAL AUDITS**

Environmental audits will be conducted during the construction phase of the Project. These environmental audits will be performed by the Environmental Inspector with the help of the Quality Assurance Inspector and Agricultural Inspector (and Aquatic Inspector for Marine portions of the Project) as needed.



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## **4.1 ENVIRONMENTAL AUDIT SCHEDULE**

Monthly environmental audits will be conducted during the construction phase of the Project. Additionally, annual environmental audits will be conducted during the first two (2) years of the operation of the Project. The Certificate Holders will inform DPS Staff, NYSDEC, and affected state and municipal agencies of the schedule for these audits and the submission of their findings at least 30 days prior to the audit. Upon completion of the audits, DPS and DEC will be provided with a written explanation of the problem(s) signed by the independent inspectors and an authorized representative of the Certificate Holders, together with the audit checklists. Further details on the specific checklists to be used for these annual audits will be developed in consultation with the independent inspectors.

## **4.2 REPORTING AND DOCUMENTATION**

The environmental audits will address all environmental concerns identified by the Environmental Inspector after consulting with the other inspectors, Project personnel, and others observing construction of the Project. The Environmental Inspector will prepare a report that documents the concerns or areas on non-compliance identified during the inspection. This report will be signed by the Environmental Inspector and submitted to the Certificate Holders or their authorized representative, DPS Staff and NYSDEC. The Certificate Holders will consult with their team, DPS and NYSDEC to determine the corrective and preventative actions to address the identified non-compliance and then implement such actions.

## **5.0 POST INSTALLATION INSPECTION PLAN**

An immediate post-installation inspection will be performed by the Certificate Holders after the Segment 1 & 2 is completed with the help of their Inspectors as needed.

## **5.1 CABLE LOCATION**

Installation of the cable facility will be overseen by Certificate Holders' Owner Engineer to verify cable location, burial depth, Good Utility Practices, Collocated Infrastructure owner requirements are met, and that damage to any pre-existing facility and/or infrastructure during installation is promptly repaired. If any locations are identified where the cable burial depth is less than the design depth, additional burial and/or protection efforts will be performed as determined by the Certificate Holders Engineer and any relevant agencies that may be consulted. The installed cable

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facility locations and elevations will be and recorded as part of the Facility operational plans and records.

## **5.2 DAMAGE TO INFRASTRUCTURE**

Working daily during construction with the Quality Assurance Inspector and any applicable utility owners, the Certificate Holders will determine if any damage has occurred to pre-existing facilities and infrastructure as a result of the construction of the Project. If damage is found the Certificate Holders will immediately notify the CI owners and operators of the nature of such damage and other known facts relating to the cause the damage. Repairs will be made in accordance with the Certificate and with CI owner requirements and with their direct consultation.

In any situation involving imminent risk to health, safety, property, or the environment requiring the Certificate Holders to cross CI to address the emergency, the Certificate Holders will notify the CI owners and operators as soon as possible. Such notice will include instances when transport or travel over or under CI would be subject to special approval by state and/or local authorities due to the size or weight of load(s) transported.

## **5.3 SCHEDULE**

Periodic verifications of any areas of concern identified during the Post-Installation Inspection shall be performed by the Certificate Holders for a maximum of three (3) years for the overland locations of the Project. Post-Installation Inspection methods and schedules will be included in a Post-Installation Inspection Plan and/or Maintenance & Emergency Action Plan that will be provided to DPS Staff in accordance with Certificate Condition 161(a & b).

## **5.4 MAINTENANCE AND EMERGENCY ACTION PLAN**

The HVDC and HVAC transmission cables are designed to be relatively maintenance-free and operate within the specified working conditions. In addition, while not anticipated, it is possible that over the lifespan of the transmission cables could be damaged, either by human activity or natural processes.

The transmission cables performance will be continuously monitored by a DxS Fiber Monitoring system and communication fiber optic cable system. This system will be installed with the cables over the entire length that will monitor power cable temperature (DTS) and nearby acoustic noise sources (DAS) and to ensure optimal performance and maintenance of the system. This system will alert the facility operator to any physical incursions to the cable. The facility operator will

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dispatch inspectors to the location provided by the monitoring system to investigate and develop an appropriate response.

A maintenance and emergency action plan will be included in the overall Facility Operation and Maintenance Plan (Plan) to be compiled during construction and prior to operations. This Plan will include processes and actions that meet the requirements of Certificate Condition 162 (b). The following provides an overview of key activities that will be included in the Plan. In general, the plan will integrate and coordinate maintenance of the Facility with that of adjacent facilities, structures, and property to the extent practicable, in accordance with Certificate Condition 14.

#### **5.4.1 Maintenance**

When planning and performing maintenance on the Facility in the vicinity of CI, the Certificate Holders will conduct such repairs in accordance with CI protocols agreed to for initial construction.

##### **5.4.1.1 Overland Transmission Cable**

During construction, vegetation will be managed in accordance with Erosion and Sediment Control Plan and the Invasive Species Control Plan. During the operational phase of the transmission facility, vegetation management will be conducted within the transmission line ROW to prevent the growth of large woody vegetation to avoid potential damage to the transmission cables and preserve access to the ROW, in accordance with this plan. These activities would include cutting woody vegetation by hand or mechanical means. These activities will be coordinated with DOTs and railroads where the transmission cable is located within their ROWs.

During these cutting activities, the Certificate Holders' contractor will inspect the ground cover to determine if there has been any significant disturbance to the overlying soils. If it appears that the disturbance is of a nature that could reduce the burial depth of the cables or which is resulting in erosion, the contractor will alert the Certificate Holders. The Certificate Holders will arrange for a contractor to access the site in order to assess the burial depth of the cables to determine whether, and if so what, relocation, reburial and/or added protection measures for the cable or pre-existing facilities or infrastructure is required, and further to determine if there are drainage issues. Those periodic verifications will be used to make recommendations, as necessary and appropriate, for mitigation including reburial, added protection, drainage measures and/or erosion treatment measures.

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It is anticipated that cutting activities will occur every three years. If this schedule is altered, the Certificate Holders will ensure that inspections occur no less than once every three years. An inspection report summarizing the results of the periodic verifications will be provided to DPS Staff in accordance with Certificate Condition 161(b).

#### 5.4.1.2 Marine Transmission Cable

Regular marine surveys along the cable route will be carried out to ensure the cable protection is still in place. Pursuant to the terms of the USACE Permit and Article VII Certificate, Permittee will inspect at least every five years to:

- perform inspections on the subaqueous cable to verify the horizontal and vertical location;
- perform inspections of all non-buried cable locations to determine the durability of protective cover (e.g., concrete mattresses and articulated protective pipe); and
- determine whether maintenance is required on the protective cover, or if reburial and/or added protection measures are necessary.

An inspection report, which will be submitted to the USACE, USCG, will contain evaluations and supporting documents demonstrating that the cable pair, in its then-existing condition, is still protected by the required minimum burial depths and/or that the authorized concrete mattress armament will continue to prevent anchor strikes from vessel traffic. An inspection report summarizing the results of the periodic verifications will be provided to DPS Staff in accordance with Certificate Condition 161(b).

#### 5.4.1.3 Access Control and Facility Security

Access to overland portions of the facility will be controlled by:

- Direct burial to depths of 5 feet or more;
- Sealed manhole covers to access splice vault consistent with other standard utility installations; and
- Hardened carrier casing systems where overland facilities are above grade (i.e., attached to bridges)

Access to marine portions of the facility will be controlled by burial in sediments and by being submerged.

#### 5.4.1.4 Notifications

Prior to commencing any planned repair, construction, operation, or maintenance activity relating to the Facility affecting or occurring in the vicinity of such owner's or operator's CI, the Certificate

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Holders will advise owner(s) and operator(s) of CI at least thirty (30) days in advance , unless such actions must be taken in less than thirty (30) days to protect the public or to ensure reliable operation of the Facility, whereupon Certificate Holders will provide such notice as is reasonable under the circumstances; provided that, in any event, “vicinity” with respect to CI used to transmit or distribute natural gas shall mean all areas within two hundred (200) feet thereof and with respect to all other CI will mean all areas within one hundred (100) feet thereof.

#### **5.4.2 Emergency**

The Facility will be continuously monitored by a DxS Fiber Monitoring system which is designed to detect faults and emergencies within the Facility system. This system will alert the facility operator to any physical incursions to the cable. The facility operator will dispatch inspectors to the location provided by the monitoring system to investigate and develop an appropriate response.

The typical procedure for repair of a failure within the overland and marine portions of the proposed CHPE Project route is described as follows:

##### **5.4.2.1 Overland Transmission Cable Repair**

In the event of Overland transmission cable fault or failure the control system will shut down the HVDC transmission cable. The cable monitoring system will identify the nature and location of the failure. The repair of the overland transmission cable would entail excavating around the location of the problem and along the transmission cable for the extent of cable to be repaired or replaced. Specialized jointing personnel would remove the damaged cable and install new cable. Once complete, the transmission cable trench would be backfilled and the work area restored using the same methods as described for the original installation.

##### **5.4.2.2 Marine Transmission Cable Repair**

In the event of a marine transmission cable fault or failure the control system will shut down the HVDC transmission cable. The cable monitoring system would identify the nature and location of the failure. Crews of qualified repair personnel would be dispatched to the work location. A portion of the transmission cable would be raised to the surface, the damaged portion of the cable cut, and a new cable section would be spliced in place by specialized jointing personnel. Once repairs were completed, the transmission cable would be reburied using a remotely operated vehicle (ROV) jetting device.

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In the event that repairs are required, the Permittee will develop an Aquatic Safety and Communications Plan will meet regulatory permit conditions and requirements, including OSHA 29 CFR 1926.106, as applicable. The Permittee will follow USCG regulations for safely operating vessels and will coordinate with USCG Waterways Management and Vessel Traffic Services.

#### 5.4.2.3 Notifications

In the event of an equipment failure during operations, the Certificate Holders will promptly notify appropriate state regulators as follows:

- Within five (5) business days of any failure of equipment causing a reduction of more than ten (10) percent in the capability of the Facility to transmit electric power, the Certificate Holders will promptly provide to DPS Staff, NYPA, and Con Edison copies of all notices, filings, and other substantive written communications with NYISO as to such reduction, any plans for making repairs to remedy the reduction, and a proposed schedule for any such repairs. The Certificate Holders will provide monthly reports to DPS Staff, Con Edison, and NYPA on the progress of any repairs until completed. The report will contain, when available, copies of applicable drawings, descriptions of the equipment involved, a description of the incident, and a discussion of how future occurrences will be avoided. The Certificate Holders will work cooperatively with NYPA, Con Edison, and NYISO to avoid any future occurrences. If such equipment failure is not completely repaired within nine (9) months of its occurrence, the Certificate Holders will provide a detailed report to the Secretary within nine (9) months and two (2) weeks after the equipment failure, setting forth the progress on the repairs and indicating whether the repairs will be completed within three (3) months. If the repairs will not be completed within three (3) months, the Certificate Holders shall explain the circumstances contributing to the delay and demonstrate why the repairs should continue to proceed (Certificate Condition 126).
- If there is a failure of one of the Facility's cables, the Certificate Holders will report, within one (1) day of determining the location of the fault, to Bulk Electric System Section of DPS Staff, Con Edison, and NYPA as well as the likely location of and schedule for repairs. Any changes in the schedule will be reported to DPS Staff, Con Edison, and NYPA (Certificate Condition 135).
- The Certificate Holders will provide the Bulk Electric System Section of DPS with a copy of their emergency procedures and contacts, and an updated copy will be provided with documentation of any modifications (Certificate Condition 136).

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- The Certificate Holders will report any theft of materials related to the Facility with a value in excess of ten thousand dollars (\$10,000) to the DPS Representative within one (1) business day of the time when the theft comes to the attention of the Certificate Holders. The Certificate Holders will provide the DPS Representative with a list of the stolen items to the extent known and a copy of any police report (Certificate Condition 137).
  - Notify the owners or operators of CI or Potential CI as soon as possible in the event of any situation involving imminent risk to health, safety, property, or the environment requiring the Certificate Holders to cross such CI or Potential CI or to use any associated property to address the emergency. Such notice shall not be required for the transport or travel over or under CI or Potential CI by the Certificate Holders or their agents, employees, or contractors where such CI or Potential CI is located in, over, or under public waterways, roads, streets, highways, or railroad ROW unless such transportation would be subject to special approval by state and/or local authorities due to the size or weight of load(s) transported (Certificate Condition 28(g)). (Also covered under Section 5.2)

## **5.5 EROSION CONTROL AND DRAINAGE**

If areas along the Project are identified during the Post Installation Inspection where erosion and sediment controls are needed, additional stabilizing efforts will be performed by the Certificate Holders. These efforts may will follow the erosion control plans described in Appendix H.

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**APPENDIX A of COMPLIANCE ASSURANCE PLAN**  
**Inspector Resumes**



# RAY YORKS



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## EXPERIENCE

### PRESENT

#### LEAD ENVIRONMENTAL MONITOR, TRC COMPANIES

Baron Winds Project-Towns of Cohocton, Dansville, Fremont, and Wayland within Steuben County, NY.

- Served as client representative to ensure accurate documentation and environmental compliance for the installation of 32 wind turbines throughout a 25,000-acre project area.
- Provided guidance to client, inspection, and construction staff on the navigation and the installation of project related permit documents and conditions.
- Acted as liaison between construction staff and Agency Representatives.

### 2017-2021

#### LEAD ENVIRONMENTAL INSPECTOR, ACCENT COMPLIANCE

Williams Atlantic Sunrise Pipeline - Luzerne, Columbia, Northumberland and Schuylkill Counties, PA

- Inspected the construction and managed compliance for two construction spreads of a 42-inch natural gas pipeline (FERC 7c) totaling approximately 60 miles.
- Supervised a team of environmental inspectors while successfully meeting construction deadlines and goals.
- Inspected stormwater protection control BMPs confirming they met the requirements defined in the Stormwater Pollution Prevention Plan (SWPPP).
- Effectively communicated with construction contractors, FERC and cultural monitors, construction management, agency representatives, and other inspection personnel.
- Documented compliance by preparing and reviewing daily inspection reports that provided written and photo documentation of activities observed in the field.

### 2015-2017

#### ENVIRONMENTAL INSPECTOR, NV5

Columbia Pipeline Groups East Side Expansion Project -Chester County PA and Gloucester County NJ

- Ensured compliance and restoration for the installation of approximately 10 miles of 36-inch natural gas pipeline (FERC 7c) in Chester County, PA and 10 miles in Gloucester County, NJ.
- Inspected the installation, maintenance, and removal of erosion and sediment control devices.
- Ensured accurate inspection and documentation for Stormwater Pollution Prevention Plan (SWPPP).
- Oversaw the implementation of environmental conditions and mitigation measures as specified in Client Plans and Procedures, the FERC Certificate, and all other permits, clearances, and other authorizing documents.

2013-2014

**ENVIRONMENTAL INSPECTOR, NV5**

Tennessee Gas Pipeline Northeast Upgrade Project (NEUP)- Passaic and Bergen Counties, NJ

- Provided compliance and restoration guidelines for two construction spreads, totaling 12 miles of 32- inch natural gas pipeline (FERC 7c) loop sections in Passaic and Bergen Counties, NJ.
- Oversaw the installation, maintenance and removal of erosion and sediment control BMP's.
- Ensured compliance of permit conditions during wetland and waterbody crossings.
- Inspected and documented compliance by preparing daily written inspection reports.

**EDUCATION**

MAY, 2010

**B.A. ENVIRONMENTAL PLANNING**, BLOOMSBURG UNIVERSITY OF PENNSYLVANIA

**CERTIFICATION**

NYS DEC Endorsed 4-Hour Erosion & Sediment Control Online Training, 9/2021

# Andrew S. Currier

## **PURPOSE:**

As an environmental professional, I am seeking employment that will offer purpose, while still enabling me to enjoy the outdoors. Ideal employment would offer prodigious pay, be intellectually stimulating, provide progressive training and allow for the opportunity for advancement.

## **GENERAL INFORMATION:**

Experienced in environmental inspection, consultation, mitigation and management, offering field leadership as well as the needed knowledge to utilize Best Management Practices in the utility construction industries. Extensive experience focused on pipeline right-of-way permit and plan adherence (ISMP, SPCC, etc.) on both midstream and transmission projects, as well as experience in electrical transmission line/substation construction. Experienced in facility BMP installation and inspection, as well as PCSW BMP conversion. Multi-year experience in assisting with USACE 30-day and 1-year PCMRs, along with integration in state (PA, NY, MT, SD, ND) permit closures. Currently working toward CPESC certification.

## **SKILLS AND ABILITIES:**

Safety-minded at the forefront	Computer literacy (OS & Windows)	Excellent communication skills
Linear project inspection (upland, ag, wetland, waterbody, bore, HDD, ESA, etc.)	Proficient in Microsoft Office 365	Work well with others
Facility Inspection (CS, Dehy, M&R, PS, PY, CC, WSS, Elec. Substation)	Highly energetic; able to walk multiple miles in rough terrain	Team building and leadership
Report generation (Daily, SWPPP, USACE, Punch List, etc.)	Detail-oriented	Problem solving and avoidance
POC with regulatory agencies	Highly trainable, versatile & adaptable	Blueprint/plan/typical literacy and implementation

## **TRAINING AND EXPERIENCE:**

- OSHA-10 certification [Cert. # 26-007326175]
- OSHA-30 certification [Cert. # ]
- MT Qualified Compliance Inspector of Stormwater [Cert. # a243f1c7]
- API 1169 Certification [Cert. # 84049]
- FAA Part 107 sUAS Commercial Pilot License [Cert. #4496905]
- MT Qualified Preparer of SWPP Plans [Cert. # a243f1c7]
- American Red Cross Wilderness and Remote First Aid Training [6/30/15]
- FERC seminar Cincinnati, OH [10/(6-8)/15]
- Coordinated field testing/critical input of Williams-developed inspection report applications (iPad) [4/14-9/17]
- NYS DEC Endorsed 4-Hour Erosion and Sediment Control Training [9/2021]

## **JOB HISTORY:**

Lead Environmental Monitor; NextEra Energy Transmission NY (NEETNY) via DIEHLUX, Canandaigua, NY 14424 [9/21-10/22]

- Provided daily environmental and SWPPP inspections for the Empire State Line 20-mile/2 substation electrical grid expansion in Niagara and Erie Counties, NY

- Managed two (2) environmental monitors and one (1) agricultural inspector to provide adequate coverage of construction activities to maintain permit compliance and construction guidance
- Acted as the point-of-contact with NYSDPS/NYSAGM/NYSDEC officials, making requests to modify project conditions, escorting on weekly site audits, notifying of spills, etc., and providing informal updates on field activities and conditions.
- Reviewed and authorized/denied disposal locations of various materials generated from the project.
- Provided guidance to project management, construction management and contractors in addressing and overcoming environmental challenges in the field
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**Lead Environmental Inspector; Columbia Gas/TC Energy (K1AS) via Merjent, Minneapolis, MN 55414**

**[8/21-9/21]**

- Provided daily environmental and SWPPP inspections on a FERC-regulated emergency slip repair (replacement) on Columbia's K1AS line in central KY
- Verified limits-of-disturbance boundaries, wetland and waterbody boundaries, and ensured all activities occurred within (and outside, when applicable) designated workspaces.
- Verified proper storage of hazardous materials, as well as reporting and verifying clean-up and disposal of hazardous material spills, as needed.
- Provided required Environmental Training for employees coming onto the project.

**Environmental Inspector; TC Energy (KXL) via EXP, Tallahassee, FL 32303 [3/20-7/21]**

- Provided SWPPP inspection coverage of multiple sites (PS, CC, CY, PY, WSS) of the Keystone XL Pipeline in southeast MT, southwest ND and northwest SD.
- Provide construction oversight and guidance in accordance with project permits and plans on multiple sites (PS, CC, CY, PY, WSS).
- Provide construction oversight and ensure project/landowner requirements on restoration of multiple sites (PS, CC, CY, PY, WSS)
- Assisted Project Management with obtaining and documenting other site conditions, etc., as requested.
- Verified limits-of-disturbance boundaries, wetland and waterbody boundaries, and ensured all activities occurred within (and outside, when applicable) designated workspaces.
- Verified proper storage of hazardous materials, as well as reporting and verifying clean-up and disposal of hazardous material spills, as needed.
- Provided required Environmental Training for employees coming onto the project.

**Environmental Inspector; EQT (MVP) via MDM Energy Services, LLC, Costa Mesa, CA 92626 [6/1911/19]**

- Provided SWPPP inspection coverage of 5.2 mile section on Spread F of the Mountain Valley Pipeline, generating punch list items as needed to maintain compliance.
- Provided construction oversight and guidance of, as well as verifying acceptable completion of, punch list items by environmental crews.
- Oversaw installation of drill pad on south side of Greenbriar River (Section 10 - River and Harbors Act location).
- Posted and maintained all visual signage at access roads, wetlands, waterbodies, etc.
- Verified limits-of-disturbance boundaries, wetland and waterbody boundaries, and ensured all activities occurred within (and outside, when applicable) designated workspaces.
- Verified proper storage of hazardous materials, as well as reporting and verifying clean-up and disposal of hazardous material spills, as needed.
- Provided required Environmental Training for employees coming onto the project.

**Environmental Inspector; ONEOK (ARB2) via Hawk Technical Services LLC, Tomball, TX 77377**

**[7/186/19]**

- Provided SWPPP inspection coverage of varying 40+ miles sections on Arbuckle 2 Pipeline, generating punch list items as needed to maintain compliance.
- Provided construction oversight and guidance of, as well as verifying acceptable completion of, punch list items by environmental crews.

- Posted and maintained all visual signage at access roads, wetlands, waterbodies, etc.
- Documented pre-construction and post-construction photos of impacted wetlands and waterbodies.
- Verified limits-of-disturbance boundaries, wetland and waterbody boundaries, and ensured all activities occurred within (and outside, when applicable) designated workspaces.
- Oversaw construction compliance on multiple HDDs and open-cuts of protected resources.
- Verified proper storage of hazardous materials, as well as reporting and verifying clean-up and disposal of hazardous material spills, as needed.
- Provided required Environmental Training for employees coming onto the project.

**Environmental Inspector; Transco (ASR) via Accent-Compliance, Lumberton, TX 77657 [9/17-7/18]**

- Provided SWPPP inspection coverage of varying sections of Spread 4 on the Atlantic Sunrise Pipeline, generating punch list items as needed to maintain compliance.
- Provided construction oversight and guidance of, as well as verifying acceptable completion of, punch list items by environmental crews. Developed, maintained and submitted punch list for entire spread.
- Posted and maintained all visual signage at access roads, wetlands, waterbodies, etc.
- Documented pre-construction and post-construction photos of impacted wetlands and waterbodies.
- Verified limits-of-disturbance boundaries, wetland and waterbody boundaries, and ensured all activities occurred within (and outside, when applicable) designated workspaces.
- Oversaw construction compliance on multiple open-cuts of protected resources.
- Verified proper storage of hazardous materials, as well as reporting and verifying clean-up and disposal of hazardous material spills, as needed.
- In consultation with Lead EI, worked directly with FERC CM, Columbia County Conservation District representative and Project Engineers to address and modify localized issues as needed.
- Worked directly with Project IT to address and modify reporting application to function properly in field.
- Provided required Environmental Training for employees coming on the project.

**Environmental Compliance Monitor; Williams Midstream (SSH) via QIS; Guymon, OK 73942 [12/16-9/17]**

- Provided SWPPP inspection coverage of multiple post-construction gathering pipelines, well connects, compressor, dehydration and M&R stations, permanent access roads and wetland mitigation sites.
- In coordination with Williams' Environmental Group, developed punch lists for contractors to address permit/landowner deficiencies to obtain Notice of Terminations (NOTs).
- Performed and documented other site conditions as requested by Environmental Group or PMs.
- Performed USACE 30-day and 1-year PCMRs in impacted wetlands and waterbodies.
- Helped structure, test and revise Williams-developed reporting app.

**Lead Environmental Compliance Monitor; Williams Midstream (SSH) via JRJ Energy Services, LLC, Stanwood, MI 49346 [4/14-12/16] (Lead position dissolved 12/16 due to permit closures/workload)**

- Developed inspection schedule for group of 8 monitors, adjusting as needed for weather events, trainings, etc.
- Consulted with by Project Management regarding manpower needs, including hiring and lay-offs.
- Developed inspection tracking forms, etc. for Project Management and PMs.
- Point-of-contact with PADEP inspectors to coordinate NOT inspections during permit closures.
- Provided SWPPP inspection coverage of multiple post-construction gathering pipelines, well connects, compressor, dehydration and M&R stations, permanent access roads and wetland mitigation sites.
- In coordination with Williams' Environmental Group, developed punch lists for contractors to address permit/landowner deficiencies to obtain Notice of Terminations (NOTs).
- Performed and documented other site conditions as requested by Environmental Group or PMs.
- Performed USACE 30-day and 1-year PCMRs in impacted wetlands and waterbodies.
- Helped structure, test and revise Williams-developed reporting app.

Environmental Compliance Monitor; Williams Midstream (SSH) via JRJ Energy Services, LLC, Stanwood,  
MI 49346 [4/13-4/14]

- Provided SWPPP inspection coverage of multiple post-construction gathering pipelines, well connects, compressor, dehydration and M&R stations, permanent access roads and wetland mitigation sites.
- In coordination with Williams' Environmental Group, developed punch lists for contractors to address permit/landowner deficiencies to obtain Notice of Terminations (NOTs).
- Performed and documented other site conditions as requested by Environmental Group or PMs.
- Performed USACE 30-day and 1-year post-construction monitoring reports in impacted wetlands and waterbodies.
- Helped structure, test and revise Williams-developed reporting app.
- Helped develop program SOPs and other requested documentation for Williams Midstream Environmental Monitoring Team

**EDUCATION:**

SUNY Empire State College, Saratoga Springs, NY [Environmental Sciences] **[Current]**

SUNY Binghamton, Vestal, NY **[1/05-12/06]**

Broome Community College, Binghamton, NY (LAAS) **[8/02-5/04]**

Chenango Forks High School, Binghamton, NY (Regents diploma w/ Honors) **[9/92-6/97]**

**REFERENCES:**

Available Upon Request

# Benjamin M. Benfer

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## Work Experience

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**Environmental Resources Management (ERM) (Elk Creek Pipeline 20" NGL)** **Lusk, WY**  
*Environmental Inspector/Environmental Compliance Consultant* *May 2021- Present*

- Conducted SWPPP inspections and vegetation assessment inspections of 150 miles of ROW
- Submitted daily reports summarizing activities occurring, conditions of ROW, compliance level, punch-list items, and issues or concerns
- Provided weed management, erosion remediation, re-seeding, and any other recommendations that regarded the 150 miles of ROW
- Tracked re-vegetation/land-use status of tracts to determine what parts of the project were ready to be closed out
- Communicated with the restoration contractor to ensure they were identifying recommendation locations and items correctly with no confusion
- Utilized Procore construction management software to input, assign, and confirm completed Punch-list items

**Environmental Resources Management (ERM) (HSC Project 20" and 36")** **Houston, TX**  
*Lead Environmental Inspector* *October 2020-May 2021*

- Conducted daily environmental inspections in order to observe and document environmental compliance on the right-of-way
- Attended daily construction meetings and conference calls to plan and communicate right-of-way compliance effectively and efficiently
- Conducted environmental trainings for all personnel working on the project
- Effectively and efficiently worked with the HDD personnel to clean up and mitigate inadvertent releases when they occurred or were likely to occur
- Implemented the ExxonMobil SPCC plan and communicated with all important personnel when an inadvertent release or hydrocarbon spill occurred
- Provided weekly updates on project status, spill and IR information, and any other pertinent environmental info on the project
- Worked with PMs to supply photos and information regarding two land farms to ensure we were satisfying permit conditions
- Conducted hydrostatic discharge testing and provided guidance

**Keramida Inc.** (*Various 2, 4, 6, 8, 10, and 12" poly and steel pipeline projects*)  
*Environmental Inspector*

**Richmond, VA**  
*December 2019- October 2020*

- Conducted daily environmental inspections to ensure that the right-of-way (ROW) is in compliance with local, state, and federal permits and requirements
- Worked closely with permitting team to conduct pre-construction walk throughs and determine any potential site conditions to keep in mind while planning the projects
- Submitted daily reports summarizing activities occurring, conditions of ROW, compliance level, corrective action items, and issues or concerns
- Managed and tracked corrective action items throughout multiple active construction sites
- Inspected contractor working to conduct various stream and wetland open-cut crossing methods
- Conducted Storm Water Pollution and Prevention Plan (SWPPP) inspections and submitted weekly SWPPP paperwork
- Effectively addressed and mitigated inadvertent releases at horizontal directional drill (HDD) sites
- Updated corrective action list and worked with contractor and client to get items of concern addressed and fixed
- Attended weekly construction conference calls and Environmental Inspection calls
- Participated in agency visits when requested and effectively and efficiently communicated with them

**Environmental Resources Management (ERM)** (*Elk Creek Pipeline 20" NGL*)  
*Lead Environmental Inspector/Environmental inspector*

**MT & WY**  
*September 2018 - December 2019*

- Conducted daily environmental inspections to ensure that the ROW is in compliance with Nationwide 12 permits (NWP 12) and Montana and Wyoming regulations
- Submitted daily reports summarizing activities occurring, conditions of ROW, compliance level, punch-list items, and issues or concerns
- Inspected contractor working to conduct various stream and wetland open-cut crossing methods
- Conducted SWPPP inspections and submitted weekly SWPPP paperwork
- Inspected and provided recommendations and guidance for over 40,000' (+/- 7.5miles) of HDD's
- Effectively addressed and mitigated inadvertent releases at HDD sites
- Conducted environmental training for contractor and inspection staff
- Updated and managed punch lists and reclamation tables
- Worked with restoration crew to ensure compliance while replacing topsoil, seeding, mulching, and crimping on 116 miles of ROW in Montana and Wyoming
- Attended weekly construction conference calls and Environmental Inspection calls
- Collected and submitted soil samples of HDD drilling mud and completed COC paperwork



**Elk Energy Services** (*Mountain Valley Pipeline 42" NG*)  
*Environmental Inspector*

**Summersville, WV**  
*July 2018-September 2018*

- Conducted environmental inspections of ROW to ensure compliance with federal, state, and local regulations on the Mountain Valley Pipeline (MVP)
- Submitted daily reports summarizing activities occurring, conditions of ROW, compliance level, punch-list items, and issues or concerns
- Worked with contractor to redline erosion control devices (ECDs) and install per plan to prevent the project from impacting waterbodies and areas outside of the limit of disturbance (LOD)
- Conducted SWPPP inspections
- Conducted QA/QC of environmental pay items contractor installed

**Accent Compliance** (*Atlantic Sunrise Pipeline 42" NG*)  
*Environmental/Agricultural Inspector*

**Pine Grove, PA**  
*April 2018-July 2018*

- Conducted agricultural and environmental inspections of the ROW to ensure compliance with federal, state, and local regulations on Atlantic Sunrise Pipeline (ASR) in PA
- Submitted daily reports outlining what was inspected, conditions of ROW, compliance level of daily inspections, and updated a punch list of items that needed addressed to keep the ASR project in compliance
- Conducted SWPPP inspections
- Conducted compaction testing to validate that Ag lands were correctly de-compacted
- Completed pre-stream, pre-wetland, and pre-road crossing checklists and meetings with the contractor to ensure that the crossings stayed in compliance and went smoothly on the ASR

**Appalachian Forest Consultants**  
*Herbicide application technician*

**Stoystown, PA**  
*May 2016-September 2017*

- Assisted in completion of NRCS contracts requiring spraying of invasive species
- Managed and completed NRCS bat habitat enhancement contracts

**Sanders Environmental Inc.**  
*Bat Survey Technician*

**Bellefonte, PA**  
*May 2014-August 2015*

- Conducted pre-construction surveys using mist nets on multiple proposed FERC regulated projects and wind proposed wind farm projects in PA, WV, VA, and OH
- Conducted roost count surveys
- Installed transmitters on bats so that telemetry could be conducted
- Conducted telemetry work to triangulate locations that were being used by bats

## Education

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### **The Pennsylvania State University**

*College of Agricultural Sciences*

Bachelor of Science in Forest Ecosystem Management

**University Park, PA**

*Graduated: December 2017*

### **The Pennsylvania State University**

*College of Agricultural Sciences*

Forestry Technology

**Mont Alto, PA**

*Graduated: May 2014*

## Credentials

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Virginia Dual Inspector Certification

*Completed July 2020*

Certified Erosion, Sediment & Storm water Inspector (CESSWI)

*Completed September 2020*

## **William L. Steedley**



**Objective:** To work for a company that has the same safety and environmental stewardship views that I have set for myself that will allow me to further my experience in Project Management, Environmental/Health/Safety, while conducting new construction of oil and gas pipelines or other industries. I have worked FERC, DNR, BLM, DOT, DEC and DEP projects and fully understand all rules and regulations according to environmental guidelines/permits due to having worked with all listed agencies.

### **Employment History & Project Experience**

**February 2022 to present**

**Northland Power (Binghamton, NY)**

**Senior Environmental Monitor and Senior Construction Specialist/Environmental Design and Research (EDR)**

Worked with DPS and DEC to stay within state environmental guidelines. Solved general environmental concerns such as run-off, ECD's, creeks, wetlands, and drilling issues. Oversaw clean-up and restoration. Monitored HDD sites while actively drilling and inspection of inadvertent returns. Monitor and report all spills on project. Perform NYSDEC SWPPP inspections weekly and post rain event. Windfarms were monitored for endangered raptors. SEM worked directly with DEC, DPS and all state agencies weekly over any concerns that might arise.

**June 2019 to November 2021**

**Energy Transfer/Sunoco (Harrisburg, PA)**

**Senior Environmental Inspector/Tetra Tech**

Worked with DEP to stay within state environmental guidelines. Solved general environmental concerns such as run-off, ECD's, creeks, wetlands and drilling issues. Oversaw clean-up and restoration. Monitored HDD sites while actively drilling and inspection of inadvertent returns.

**Monitor and report all spills on project. Perform PADEP SWPPP inspections weekly and post rain event.**

**March 2019 to June 2019**

**Full-Stream (Clarksburg, WV)**

**Lead Environmental Inspector/QIS**

**Organized Environmental Inspectors and delegated projects. Prepared all paperwork including weekly and daily reports. Prioritized numerous responsibilities ensuring compliance during and after construction phase. Worked with DEP to stay within state environmental guidelines. Solved general environmental concerns such as run-off, ECD's, creeks, wetlands and drilling issues. Perform PADEP SWPPP inspections weekly and post rain event.**

**June 2018 to December 2018**

**Enbridge (Dundee, Mi Nexus 36" Pipeline)**

**Environmental Inspector/HDR Inc.**

**Oversaw environmental crew and advised where to install all erosion controls as needed. Inspect ECD's daily in areas of active construction. Ensuring the contractor stays within compliance of FERC rules and regulations. Worked on the front and back end of the project which included tie-ins, lowering in, ditch, backfill, cleanup and restoration. Perform SESC inspections weekly and post rain event.**

**June 2016 to June 2018**

**Energy Transfer (Butler, Pa Constellation Gathering System)**

**Environmental Inspector/Patriot Inspection**

**Managed all payables for environmental such as silt fence, crews and equipment. Oversaw environmental crew directly and advised where to install all erosion controls. Worked on the front and back end of the project which included clearing, grade, ditch, cleanup and restoration. Perform PADEP inspections weekly and post rain event.**

**September 2015 to March 2016**

**Transco/Williams (Binghamton, NY and Pa Constitution Pipeline Project) 125 miles**

## **Environmental Inspector**

Ensure compliance with the requirements of the ECP. Oversee corrective actions as necessary to bring an activity back in compliance. Ensuring that ECD's are properly installed to prevent sediment flow into sensitive environmental resources. Inspect ECD's on a daily basis in areas of active construction. Ensuring the contractor stays within compliance of FERC rules and regulations. Perform weekly and rain event inspections for New York and Pennsylvania, SWPP. Monitor all hydro testing which includes test fill and spill activities. Monitor and report all spills on project. Preconstruction walkthrough of project which includes pictures of all water bodies, wetlands and ESA's.

**May 2015 to July 2015**

**EQT Gas (Wellsboro, Pa Gathering System, Marcellus Shale) 3 miles**

**Environmental Inspector/ Utility Inspector**

Managed all payables for environmental such as silt fence, crews and equipment. Oversaw environmental crew directly and advised where to install all erosion controls. Worked on the front and back end of the project which included clearing, grade, ditch, cleanup and restoration. Perform PADEP inspections weekly and post rain event.

**July 2011 to April 2015**

**Williams Gas (Tunkhannock, Pa. Northeast ABA Projects Gathering System, Marcellus Shale) 300+ miles**

**Chief Environmental Inspector/Lead Environmental/Environmental Inspector**

Organized Environmental Inspectors and delegated projects. Prepared all paperwork including timesheets, weekly and daily reports. Prioritized numerous projects ensuring compliance during and after construction phase. Worked with DEP to stay within state environmental guidelines. Solved general environmental concerns such as run-off, ECD's, creeks, wetlands and drilling issues. Inspected all compressor stations, dehy facilities for environmental compliance. Perform PADEP SWPPP inspections weekly and post rain event.

**July 2011-August 2011**

**TransCanada (Gillette, Wyoming Bison Project Spread 4) 75 miles**

**Environmental Inspector (Clean-up and restoration)**

**Cooperated with contractor to organize clean-up and restoration activities. Inspected pipeline ahead of restoration crews to formulate environmental punchlists to stay compliant. Solved general ROW maintenance issues such as ECD repairs, topsoil and subsoil problems. Conducted weekly and post rain event SWPP inspections for Montana, North Dakota and South Dakota.**

**July 2010- July 2011**

**Holly Gas (Cedar City, Utah, UNEV Project Spreads 3, 4, 5) 160 miles**

**Environmental Inspector**

**Worked with contractor and BLM to keep ROWS compliant within state rules and regulations. Assigned monitors to skips in the ROW for protected bird species. Kept contractor out of these areas until able to continue. Oversaw all clearing and grade activities. Inspected all equipment and mats being delivered, declined or accepted. Stayed on front end with all active construction and tie-ins. Performed weekly and post rain event SWPPP inspections which included Utah and Nevada.**

**May 2010- July 2010**

**Enbridge (Bemidji, MN, Alberta Clipper Project) 90 miles**

**Utility/Environmental Inspector**

**Managed all payables for environmental such as silt fence, crews and equipment. Oversaw environmental crew directly and advised where to install all erosion controls.**

**Feb 2010- May 2010**

**Southern Star Central Gas (Lenexa, Ks, I-35 Reclamation Project) 5 miles**

**Utility/Environmental Inspector**

Managed all payables such as silt fence, crews and equipment. Performed daily inspections of all ECD's located on project. Oversaw clean-up and restoration after sound wall was installed. Tallied pipe, oversaw blow downs, tie-ins, bore under interstate and live dig ups. This was a joint project with DOT and Southern Star Energy. Monitored and reported all spills and reported accordingly. Performed weekly and post rain event SWPPP inspections.

**August 2009- Feb. 2010**

**Enbridge (Thief River Falls, MN, Alberta Clipper Project) 90 miles**

**Utility Inspector**

Managed all payables such as silt fence, crews and equipment. Worked directly with environmental crew, clean-up and restoration. Worked where needed if we were shorthanded on lowering in and tie-ins as utility inspector.

**Feb. 2009- August 2009**

**Kinder Morgan (Meridian, MS, MEP Project**

**Project) 78 miles**

**Environmental Inspector**

Environmentally trained and monitored 12 tie-in crews at wetland and waterbody crossings. Daily inspections were made of all tie-in crews that were active at environmental resources. Performed weekly and post rain event SWPPP inspections. Kept crews in compliance with FERC regulations and standards.

**July 2008- Dec. 2008**

**Enbridge (Thief River Falls, MN, LSR Project) 75 miles**

**Utility/Environmental Inspector**

Worked directly with the environmental crew overseeing all maintenance and work behind grade and tie-ins. Performed utility inspection keeping track of all environmental payables, equipment and crews.

**March 2008- July 2008**

**Northern Natural Gas (Menlo, IA, Northern Lights Project) 20 miles**

## **Environmental Inspector**

General environmental was done on this project such as keeping up maintenance on ECD's and ROW maintenance. Performed weekly and post rain event SWPPP inspections.

**February 2007-February 2008**

**Enbridge (Pardeeville, WI to Superior, WI, Southern Lights/Southern Access Project Spreads 1 and 3)  
120 miles**

## **Utility/ Environmental Inspector**

Managed keeping track of all payables such as environmental supplies, crews and equipment. Worked directly with environmental crew, clean-up and restoration. Worked where needed if we were short-handed on lowering in and tie ins as utility inspector.

**December 2005-January 2007**

**Mohawk Industries (North La Region)**

## **Project/Territory Manager**

Oversaw territory of North Louisiana Region.

**March 2003-October 2005**

**Beaulieu of America (Dallas TX Region)**

## **Project/Territory Manager**

Oversaw territory of Dallas Texas Region.

**December 2000-February 2003**

**American Rig Housing Support (Houston and Corpus Christi TX)**

## **Assistant Project Manager**

Assisted Project Manager with crews construction scheduling duties.

**April 1991-November 2000**

**Military Services/United States Navy (Multiple Duty Stations)**



## **Hospital Corpsman/EMT Desert Storm/Desert Shield**

**Received Desert Storm/Shield Accommodation Medal.**

**Assisted unit in the field with medical supplies and general EMT duties.**

**Patrolled oil fields for protection of civilian workers making repairs.**

## **Education**

### **Environmental Training**

### **Various Locations**

Training was received through all gas companies in general

### **Organic Monitor Training**

### **Faribault, MN**

Certified Organic Monitor

June 2007

### **University of Minnesota**

### **Minneapolis, MN**

SWWP Training

May 2010

### **NCCR Classes**

### **Tunkhannock, Pa**

Construction Training

February 2012

### **NYS Department of Environmental Conservation**

### **Binghamton, NY**

Certificate of Erosion & Sediment Control Training

September 2015 re March 2022

### **Endangered Species**

SEI helped collect data on endangered species while working with the BLM in the state of Utah and Nevada. Helped identify locations of species through rigorous backpack hikes in the mountains and desert. Worked as part of a team with other environmental staff. Navigated the project using maps, compass and GPS. Species that were helped identified were the Bald Eagle, Golden Eagle, Burrowing Owl, Grasshopper Sparrow and helped stop any destruction, modification of their habitat or range. While construction was ongoing

contractor was not allowed to come within one mile of nesting areas. The Mojave Rattlesnake and Desert Tortoise were also part of the list that were tagged and removed from site.

SEI helped identify and locate in the state of Pennsylvania while working with the DEP Indiana Bat, Little Brown Bat, Long Eared Bat and Tri-colored Bat. All trees were marked and were not cleared until the species moved on. All efforts were made as not to destroy any habitat. SEI helped monitor the Monarch Rule in the state of Mississippi on the MEP project. Locations were marked and butterfly netting was installed in protected areas. These areas were quarantined off within no admittance from contractor.

**General Overview and Aspects** Monitored contractor construction activities during the installation mainline and gathering systems. Gather information from the contractor on a daily basis regarding daily quantities installed in the field. Tracked the contractor's progress and attended weekly construction scheduling meetings. Worked with the contractor on a daily basis to help them work in a more environmental and safe manner. Held safety/environmental field tool box meeting with the contractor. Provided environmental training to newly arrived contractor personnel, Documented and oversee corrective actions, if necessary, to ensure compliance. Authorized to stop construction activities not in compliance with the Safety/environmental specifications, Identified erosion/sediment control and soil stabilization, placement of erosion and sediment controls, Extensive knowledge of pipeline methods of construction, erosion-control principles and practices, and pipeline safety. Worked closely with BLM, FERC, DEP and DNR monitors to ensure environmental compliance along rights of way. Able to maintain compliance without slowing down and stopping construction activities due to looking ahead before construction activities start. Grew up in the construction/oil/gas industry and have been around it my whole life in some form.

**Computers** Microsoft Office, Ipad and other programs if needed.

**Hobbies** New Orleans Saints and Cooking

**References available upon request**

# PAUL YANKOVICH

## ENVIRONMENTAL/AGRICULTURAL INSPECTOR

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### PROFESSIONAL EXPERIENCE

Mr. Yankovich is previously retired after working with several districts in conservation offices. He was a well dedicated soil scientist to his local areas and districts. He brings a powerful strength to the project that is unprecedented and can be utilized while working with the agencies.

### PROJECT EXPERIENCE

#### ATLANTIC SUNRISE PROJECT, WILLIAMS, (SPREAD 4) NEAR BLOOMSBURG, PA 2017-2020.

**Environmental/Ag Inspector.** Met with affected landowners of agricultural land to address their concerns with the project and relayed project activities to these landowners. Performed daily tailgate meetings to assure all parties were on the same page and a clear understanding of the requirements. Observed several water body and wetland crossing assuring the project followed all correct crossings methods. Performed SWPP Inspections after rain events and at minimum once a week. Track all final cleanup efforts. Performed environmental training for new hires when needed if the trainers were not available.

#### NOWCC, 2011-2017.

**Environmental Inspector.** Consulting work for NRCS. Implemented practices for drainage improvement, erosion, sediment control, stream bank restoration, forestry, wildlife, etc.

#### RETIREMENT 2010-2011.

#### CARBON LUZERNE AND NORTHUMBERLAND, SULLIVAN, WY. 1997-2010.

**Supervisory DC.** Responsible for several counties in Wyoming and the personnel stationed there. EWP work following multiple floods. Extensive projects in Columbia and Wyoming counties. Design and installation of irrigation systems. Implemented Wildlife Habitat Incentives Program. Implemented the Wetland Reserve Program. Implemented the Grassland Reserve Program and Conservation Stewardship Program.

Retired in 2010 and came back as a part time employee March 2011 to today working thru the National Older Worker Career Center (NOWCC). I work part time about 30 hours a week for NRCS implementing practices for drainage improvement, erosion and sediment control, stream bank restoration, forestry, wildlife etc.

### EDUCATION

Bachelor of Science Degree in Agronomy (SOILS) in 1971 from Penn State University  
Master of Science Degree in Agronomy (SOILS) in 1974 from Penn State University

## SUMMARY

Inspector with experience in environmental, agricultural, coating, and utility aspects of the oil, gas and renewable/alternative energy industries. Natural ability to recognize and address subtle issues before they become problematic and effectively network within the industry.

## Experience

### **Diehlux LLC**

**September 2021 – Present**

#### **NEETNY – Empire State Line** (New York State Article VII)

Environmental Monitor

Buffalo, NY

- Work as part of an environmental monitor team overseeing construction of 350Kv Transmission line project
- Watched installation of Zinc Ribbon on Natural gas pipeline while in the transmission line corridor
- Worked with Environmental crew performing restoration as detailed in PCSM to ensure proper vegetation

#### **Baron Windfarm** (New York State Article X)

Lead Environmental Monitor

Cohocton, NY

- Worked as environmental monitor overseeing the beginning stages of constructing 30 turbine wind project.
- Oversaw installation of BMPs, Tree felling, and construction of Access road leading to turbine site.
- Weekly meeting with NY State Department of Public Service, Ag and Markets

### **Environmental Resource Management**

**April 2021 – September 2021**

Independent Environmental Monitor

- Observed construction of Enbridge Line 3 replacement of 36" pipe
- Aided Minnesota State agencies in enforcing environmental compliance during construction
- Worked directly with Enbridge Environmental Inspector to address issues during construction

### **Keystone XL Pipeline EXP**

**July 2020 – March 2021**

*Environmental Inspector*

*Steele City, NE*

- Performed daily inspection of 2 pump stations to ensure compliance with state and federal permits
- Conducted environmental training for new personnel upon arrival to site
- Collaborated with construction inspection employees to implement resolution of environmental impact concerns

### **Synergy Inspections**

**November 2018 – January 2020**

*Environmental Inspector*

*Washington, PA*

- Worked with inspection team on 10 miles of dual lay 16" pipe on Equitrans project
- Oversaw daily construction from tree felling to restoration, and created punch lists for BMPs in need of repair
- Ensured environmental compliance based on Pennsylvania DEP regulations

### **Accent Compliance**

**July 2018 – October 2018**

*Agricultural Inspector*

*Bloomsburg, PA*

- Oversaw restoration procedures on 17 miles of Williams Gas Atlantic Sunrise FERC regulated project
- Measured subsoil compaction prior to topsoil restoration and ensured restoration of slopes to original contours
- Conducted environmental training for contractors and collaborated with project FERC monitor and the County Conservation District

### **Accent Compliance**

**October 2017 – July 2018**

*Environmental Inspector*

*Bloomsburg, PA*

- Verified compliance with engineered environmental permits on 30 miles of 42" pipe on Williams Gas Atlantic Sunrise project
- Performed weekly and post rain SWPPP inspection of BMPs and monitored installation of Erosion Control

# BRYAN FRY

## Devices

- Created restricted areas during construction for endangered species including wood rats and white nose bats

### **Whipper Hill Consulting**

**March 2017 – September 2017**

#### *Environmental Inspector*

*Butler, PA*

- Worked with a team of inspectors to verify environmental compliance on Stonehenge Appalachia pipeline gathering system
- Installed, maintained, and removed BMP's in progression with project
- Monitored 10 miles of restored ROW for erosion, BMP function, and vegetative growth
- Oversaw installation of specialized snake fence to prevent Timber Rattle snakes from entering construction area

### **QIS Inspection**

**September 2016 – December 2016**

#### *NACE Coating Inspector*

*Columbia, SC*

- Monitored coating operations on 28 miles of 8" pipe on Dominion Energy natural gas pipeline
- Inspected 2-part epoxy application of main line pipe, tie-in's, and HDD
- Recorded GPS location of all welds and valves using Trimble GPS unit and transferred coordinates into KMZ file for review on Google Earth

### **Watson Engineering**

**May 2016 – September 2016**

#### *DOT/Utility Inspector*

*Owego, NY*

- Worked on 13 miles of 42" natural gas pipe on Spectra Energy Algonquin expansion project
- Inspected road bores at crossings
- Ensured signage met compliance at road crossings

### **AECOM**

**September 2015 – May 2016**

#### *Environmental Inspector*

*Ithaca, NY*

- Performed preconstruction right-of-way inspections in accordance with SWPPP requirements on 48 miles of 30" pipe on Constitution Pipeline project
- Monitored contractor crews during tree felling
- Identified, documented, and oversaw corrective actions as necessary to meet compliance

### **Bi-Con Services**

**July 2015 – September 2015**

#### *Environmental Foreman*

*Dermont, OH*

- Oversaw construction of Milford compressor on Columbia Gas East Side Expansion project
- Collaborated with environmental inspector to maintain project compliance
- Monitored sediment control and dewatering to protect nearby wetland

## **CERTIFICATIONS**

FAA Section 107.19 Remote Pilot in Command Certification #2284850	November 2019
American Petroleum Institute 1169 Pipeline Construction Inspector #83809	September 2018 – September 2021
NACE Coating Inspector Level 1 #067432	June 2016 – June 2019
NYSDEC Erosion & Sediment Control Training #04-061	September 2015 re September 2021
StormwaterOne Storm Water Management for Oil and Gas Operations	July 2015
StormwaterOne Intro to the NPDES Permitting Program	July 2015

# BRYAN FRY

FERC Environmental Review and Compliance for Natural Gas Facilities Seminar

April 2015

FERC Section 106 and Tribal Consultation Workshop for FERC Jurisdictional  
Natural Gas Projects

April 2015

NDT Connect Industrial Radiography Safety Course

December 2014

11 Veriforce OQ Certifications in pipeline construction

November 2014

## EDUCATION

**The Pennsylvania State University**

*Bachelor of Science, Biology*

**May 2012**

*University Park, PA*

## **Summary**

A environmental Inspector with a broad range of experience in Article 7 powerline, and pipeline construction including but not limited to: Article 7, Environmental/FERC, SWPPP, As- built drawings, red lining, weld mapping, clearing, ditching, stringing, bending, coating, back-fill, cleanup, storm water ECD placement. Equipped with strong computer skills, reporting, sales, and a keen understanding of the responsibility involved.

## **Experience**

DIEHLUX/NatGrid E20 PARTIAL REPLACEMENT 2022 to current.

### **QUANTITY SURVEYOR/FIELD ENGINEER ASSISTANT.**

- Providing the Project Manager with site progress and work completion status enabling accurate and timely cost and schedule updates.
- Developing a tracing program for the entire project.
- Engaging with the Contractor to validate invoice amounts and/or change order amounts against actual work completed.
- Understanding and quantifying risks that are likely to materialize and impact project cost or schedule and reviewing with the Project Manager.
- Liaison between the Project Manager and Construction Supervisor to validate claims/change orders submitted by the contractor.
- Working with the Project Manager to help assess the Likely Forecast to Complete based on crew efficiency, change impacts, etc.
- Supporting the Construction Supervisor enforce the contract.
- Understanding the Earned Value of projects based on the value of site activities and how progress of job relates to the EV report.
- HAZWOPER training and get a HAZWOPER medical exam to be fit for the work.

DIEHLUX/NEETNY EMPIRE STATE LINE 2021-2022

### **ASSISTANT LEAD EI**

- Assisting lead inspector with daily environmental duties. Performing and assisting with SWPPP inspections.
- Monitoring refueling in wetland locations as per DEC guidelines.
- Producing internal spill reports, and notifying DEC.
- Observing and documenting daily environmental tasks involving ECD installation, and up keep.
- Monitoring drilling activities in relation to spoil staging, and refuel activities.
- Oversight of AC mitigation installation in wetland areas and AG fields. Installation of signage as spelled out in the EMCP.

ERM/ONOKO ELK CREEK SPREAD 6 AND 7, NORTH LINE 7 EXTENSION SPREAD 1 AND 2. 2018-2020  
EI/LEI

- Preliminary walk through of the ROW identifying MOCs and any issues with ETWS also taking preconstruction photos.
- Installing signage for resources and sensitive areas such as water bodies and wetlands, cultural, historical sites, and protected species and environmentally sensitive areas (ESA).
- Conducting weekly SWPPP inspections which are reflected by a punch list that the EI produces.
- Working in close communication with the contractor's spill coordinator for reports of IRs and spills of any kind.
- Performing a daily environmental orientation training for the new hires and guests visiting the project.
- Maintaining open communication with HDD subcontractors regarding the use of approved additives.
- Producing and updating a wetland and waterbody crossing tracker.
- Producing and updating a restoration tracker accompanied by seed tags.
- Conducting in the field retraining on lessons learned helping the contractor to remain in compliance.
- Water discharge tracking and sampling for hydrostatic discharge.
- Observing wetland and waterbody tie-ins for remaining within the time frame and proper soil placement.
- Producing daily reports on daily activities and communication reports as needed.

MDLI/NOBLE MIDSTREAM LOST CREEK 24"/MUSTANG TAMPA TO MILTON 12" 2017-2018  
Utility/ Environmental

- Overseeing the installation of ECDs on the Tampa to Milton project
- Created As-built templates and filled in the values, performed redline drawings, as well as weld mapping on Lost Creek
- Monitoring the tie-ins on Tampa to Milton as well as HDD monitoring of 3 different drilling companies at once.
- HDD activities included spill reporting, I. R's, JSA auditing, and mud returns at the drill
- Collected weather data and performed daily inspection of site during severe weather events
- Assisting in the inspection of lowering in pipe along with backfill, and documenting material hauled off per permit requirements
- Inspected over contractor building manifolds, bolt-up, hot bolting, HY-torque calibration verification, and setting of manifolds

ATLANTIC SUNRISE ZICK METER STATION 2017  
Utility/ Environmental

- Overseeing the installation of ECDs
- Monitoring the installation of civil work tracking concrete loads and approval of mix designs as well as testing for air, slump, and temp
- Overseeing construction of sediment traps tracking daily progress maintaining construction sequence ensuring compacted lifts are tested and pass
- Observed setting of meter skids and launcher receivers, as well as filter separators.
- Collected weather data and performed daily inspection of site during severe weather events.
- Assisting in the inspection of lowering in pipe along with backfill, and documenting material hauled off per permit requirements
- Recorded and tracked all environmental installation including seeding, filter sock, filter bags, curlex mat, and geotextile matting

CLEVELAND INSPECTION/ROVER ETC 2016-2017  
Utility Inspector 3 (environmental)-Dual 42 spread A FERC

- Performed routine inspections
- Monitored construction activity.



- Monitored HDD activity/compliance.
- Ensured compliance with storm water and Hydrostatic discharge permitting
- Ensured BMPs and ECDs were properly implemented.
- Monitored seeding activities including cataloging seed tags
- Document personnel logs and expense sheets/pay items
- Line list implementing for FERC permits • Acting liaison between FERC monitor and Contractor

#### TULSA INSPECTION/ DCP MIDSTREAM 2013-2014

##### **Environmental Inspector- Lucerne Residue West 16" FERC**

- Performed FERC orientation as well as storm water training
- Conducted certified clean inspection of heavy equipment to be used on FERC right-of-way
- Cataloged all files and reports pertaining to daily reports, spill reports, training, and inspection logs
- Conducted spill reports including spill prevention awareness training
- Monitored HDD activity/compliance
- Supervised ECD placement and installation
- Monitored construction activity
- Implemented signs for no fueling, and wetland crossing
- Maintained 100% FERC compliance throughout entire project
- Ensured that the company remained current on all permits
- Executed permitting requests per state and federal law

#### HCSI ENVIRONMENTAL/ ENTERPRISE 2013

##### **Environmental Inspector- Projects Western Expansion Pipeline WEP II, WEP III**

- Performed routine inspections
- Established and implemented permitting for waste water disposal
- Monitored construction activity.
- Monitored HDD activity/compliance.
- Ensured compliance with storm water and Hydrostatic discharge permitting
- Ensured BMPs and ECDs were properly implemented.
- Monitored seeding activities including cataloging seed tags
- Performed water sampling and ensured chain of custody to lab was monitored

#### SWCA ENVIROMENTAL/ENTERPRISE 2013

##### **Environmental Inspector- Texas Express Pipeline segment 1B**

- Conducted water and soil samples.
- Ensured compliance with NWP 12 for HDD river crossing
- Inspected placement of ECD's as well as up keep
- Conducted spill reports
- Monitored top soiling
- Monitored storm water ECD installation

#### WEHLING CONSTRUCTION, INC.

##### **Pipeline /Equipment Operator (gas field)**

- Responsible for the general upkeep and maintenance of all facilities and equipment, including pipeline right-of-way, repairing, coating and backfilling pipelines
- Conduct bolt up fabrication on site
- Operation of specific equipment for preparation, finish, and reclamation grounds work

- Painter for launcher receivers, compressor stations, tanks, with success in meeting mil specification

## **MB CONSTRUCTION**

### **Equipment Operator/ Special Projects Supervisor (gas field)**

- Responsible for the road maintenance for entire project
- Crew pusher managing 5-10 employees
- Supervised outside contracts and their employees
- Responsible for special project bookwork including but not limited to production hours, spending accounts, and daily tickets
- Storm water management ECD installation
- Designed permanent sediment traps

## **FREEPORT MCMORAN COPPER & GOLD, INC.**

### **Equipment Operator (reclamation mining)/Service Truck Operator III**

- Supervising Heavy Equipment Task Trainer
- Implement storm water controls installed permanent ECDs for 100 year flood event
- Maintained compliance with storm water permits.
- Dirt work including grading, loading, pushing, and finishing
- Provide mechanical support to fellow operators either with preventative services or repairs this includes powertrain, hydraulics, cooling systems, electronics, implements, welding/fabricating
- Diagnosed using CAT ET software
- Maintained company issued Kenworth service truck by daily inspection and preventative services
- Successfully conducted per national mining regulations waste water /hazardous material operations

## **Education**

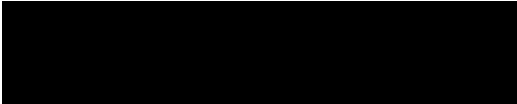
High School Diploma May 2003

## **Professional Certifications/ Licensing**

### **NYS DEC 4-Hour Erosion and Sediment Control Training 10/16/2021**

FERC training, OXY Storm water certified COGCC, CLASS A CDL W/TANKER, OSHA/MSHA Confined Space, OSHA/MSHA Hazardous Waste Operations and Emergency Response CPR and First Aide, CAT 966, CAT D-5 and D-6, CAT 246 SKID-LDR, ELS CULTURE, CAT RCH-001735/769, CAT 777HT, 621, CAT D-8, D-10 CAT320, 321, 330, 336 Excavator, JOHN DEER 644-LDR, CAT 140H, 143H, 14M, 16M MTR GRTR, OQ-

FERNANDO GONZALES



**Skills & Certifications:**

- Operator Qualified
- Metro-North Railroad RWP
- MTA NYCT Track Safety
- CQCM CERTIFIED
- OSHA 10 & OSHA 30
- American Heart Association – Heart saver First Aid
- Project Management Mechanic Institute of New York
- Site Safety, QA/QC, Subcontractor & Field Supervision
- Volunteer Firefighter
- Software: Word, Excel, PowerPoint, RMS, Primavera, PlanGrid
- Language: Fluent in English & Tagalog
- Agency: Con Edison, NYCDDC, MTA/MNR, FEMA, NYCHA, NYCP&R, NYCDEP, NYU, West Point

**EXPERIENCE:**

**WSP USA INC – NEW YORK, NY**

**Sr. Lead Construction Inspector**

6/22 - PRESENT

- CHPE – Champlain Hudson Power Express Project – New York, NY
  - Oversee the Performance of the Work is executed in accordance with the EPC Agreement and approved EM&CP
  - Verify that all relevant construction permit requirements are being met by the EPC Contractor
  - Identify that the construction of all physical requirements for the project's Right of Way have been implemented according to the approved design and permit requirements
  - Review and confirm the EPC Contractor's collation and completion of all QA/QC and ITP documentation as required for construction
  - Verify that each HDD has been executed properly in accordance with an approved design
  - Oversee the EPC Contractor's site work and documentation of compliance or non-compliance with contract requirements during construction
  - Assist with coordination between EPC Contractors, CHPE LLC, NYISO, NYPA, and ConEd for all related construction and commissioning activities
  - Review the EPC Contractor's condition surveys, of cable route and equipment setup areas prior to the commencement and after completion of the work
  - Oversee construction of any temporary access ways required, including tracks, matting, temporary fences and/or gates; and that surfaces and/or services are restored to their original condition upon completion of the work
  - Provide CDR summarizing field activities and photos that took place that day, and audit reports each time an audit is performed
  - Monitor all EPC Contractors' testing and commissioning activities
  - Spot review of materials installed per the Contract requirements
  - Spot review and document the IFC Plan version and approved shop drawings
  - Review work performance in accordance with the approved CWP

**DOBCO GROUP INC. – WAYNE, NJ**

**Quality Control Manager**

12/21 – 6/22

- Cyber & Engineering Center and Parking Structure – West Point, NY, 250M
  - Oversees the collection and production samples to evaluate quality.
  - Interpret blueprints for the purpose of establishing critical needs and how they should be measured.
  - Conduct routine and non-routine analyses of in-process materials, raw materials, environmental samples, finished goods or stability samples.
  - Perform the quality inspection process of new part samples and record the data.
  - Check dimensions and surface quality of random batches of finished products to ensure they meet all company quality standards.
  - Inspect all product returns, analyze the defect, and document the findings.
  - Verify all process are conforming to established quality standards and required specifications.
  - Carries out ongoing lab and field sampling. Auditing visual, dimensional, and mechanical test of materials and processes.
  - Interpret test results, compare them to established specifications and control limits, and make recommendations on appropriateness of date for release.
  - Complete documentation needed to support testing procedures including data capture forms, equipment logbooks, or inventory forms.
  - Investigate deficiencies regarding quality issues and develop a solution.
  - Record, compile, and prepare reports for analysis and evaluation.
  - Assist in the development of needed records and standards and maintain accurate and detailed files as required.
  - Assist in designing and implementing the procedure for the use of Statistical Process Control across all departments as required.
  - Conduct 3 preparatory phases – Preparatory Meeting, Initial Inspection, and follow up Inspection.
  - Assist with auditing, writing, revising and verifying quality standards and developing forms and instructions for recording, evaluating and reporting quality data.
  - Analyze quality control test results and provide feedback and interpretation to production management or staff.
  - Document and implement inspection criteria and procedures.
  - Monitor performance of quality control systems to ensure effectiveness and efficiency.
  - Communicate quality control information to all relevant organizational departments, outside vendors, or contractors.
  - Instruct staff in quality control and analytical procedures.
  - Produce reports regarding nonconformance of products or processes, daily production quality, root cause analyses, or quality trends.
  - Participate in the development of product specifications.
  - Identify critical points in the manufacturing process and specify sampling procedures to be used at these points.
  - Implement quality control training programs.
  - Review all divisions in the specifications and Submit submittals into the RMS for Government's review and approval.
  - All other duties as assigned.

**RIGGS DISTLER & CO** – MT VERNON, NY

**Superintendent**

8/19 – 12/21

- Multiple Con Edison Main Installations Upgrades and Services (2" - 16" HDPE & Steel pipe) Westchester, NY \$40M
  - Operator Qualified Superintendent responsible for overall coordination and maintenance of a safe job site on a day-to-day basis for 19 projects and crews, up to 80 Union workers
  - Direct daily onsite supervision of labor force including superintendents, foremen, mechanics, subcontractors and other construction related personnel for construction of natural gas utility pipe work (size, pressure, service)
  - Assists the PM and project team with review project plans and specifications, develop work plans/procedures for upcoming work activities and coordinate various phases of construction to optimize safety, cost, equipment, personnel, schedule, and communication with the client.
  - Manage suppliers and subcontractors with Project Manager and maintain monthly work permits per municipality with Con Edison.
  - Manage procurement of material, tools and equipment including delivery to jobsites.
  - Ensure the highest levels of construction quality is met with full adherence to contract schedule and Con Edison specifications.
  - Resolve all issues regarding equipment services and job equipment requirements.
  - Perform daily safety audits for 2–3 crews per week and 30 vehicles in the field.
  - Maintain daily records of all work performed to ensure that all information is recorded correctly for payment.
  - Provide progress reports on work, materials, cost, and updates to the schedules accordingly.
  - Daily interaction with customers to schedule service upgrades and resolve any problems 24hr / 7days

**KS ENGINEERS, PC** – NEWARK, NJ

**Construction Manager**

5/15 – 8/19

- Harmon Shop Replacement Program Phase V - Stage I Croton-Harmon, NY \$286M
- Harmon Shop Replacement Program Phase V – Stage II Croton-Harmon, NY \$600M
  - Owners Representative for Metro North Railroad at Croton for Stage I & II Project.
  - Assisted Resident Engineer with coordinating field activities with adjacent stakeholders including facility personnel, contractors and other public agencies to ensure project implementation coincides with schedule, contractual, budgetary and safety requirements.
  - Monitored construction activities and conducted controlled inspections to ensure conformity with contract plans and specifications for all areas of construction including site, utilities, concrete, building construction and commercial HVAC.
- Responsible from visiting plant, the fabrication, QA/QC, delivery sequence of all steel members as well as erection and any field modifications of 180,000, and 300,000 square foot buildings (EMU and CSF).
- Responsible for plant visits, QA/QC, delivery and erection of all precast panels wrapping perimeters of both buildings.
- Responsible for metal wall panels and details as well as installation for both buildings.
- Responsible for overseeing all staircases, railings, grating, elevators and all steel angles, braces, supports for all and any misc. pieces including bar joists and roof openings that make up the roofs for both buildings.
- Responsible for overseeing all translucent panels, louvers and glass windows that wrap the building exterior for both buildings.
- Responsible for overseeing all fire-stopping applied and fire proofing (sprayed on) for both buildings.

- Responsible for overseeing civil work taking place from lay-out to excavation for power, communication duct-banks, conduit and pipe encasement, backfilling in lifts, compaction, any and all concrete slabs, housekeeping pads, stair and landing concrete placing, storm and sewer piping, manholes, tie-ins, snow melts, under draining, underground jumper conduits, pot heads, electrical manhole installations, gas line (all underground work).
- Responsible for overseeing all cranes onsite and being installed including jib-cranes, gantry cranes, workstation cranes and overhead cranes, as well as all roll down door systems.
- Responsible for overseeing all anchor bolts, and track pedestals being installed for the train tracks running through the building (CSF) that is 980 linear feet long and all rail components.
- Responsible for QA/QC for all my responsibilities.
- Assigned Safety Rep for AECOM, which consists of daily safety inspections and audits, weekly walkthroughs with contractor's safety rep, client's reps and comprise a report with pictures, twice weekly walk-throughs with an OCIP rep, and quarterly walk-throughs with OCIP reps and Insurance underwriters' reps for both sites EMU and CSF.
  - Reviewed RFI's, plans, submittals, payment requisitions and Non-Conformance Report (NCR) for Quality Control and completed Inspector Daily Reports
  - Ensured plans complied with codes regulations and local ordinances, approved construction submittals and maintained logs, daily reports and control of all project documents.
  - Verify that all required O&M manuals, warranties, guarantees, and close out requirements are complete and in compliance with contract documents.
  - Coordinated critical point, special, beneficial, and final inspections, utility companies for main and services to buildings including gas and electric, and contractors/trades to address punch list items, provide as built and O&M Manuals for project closeout.
  - Evaluated proposals for extra work and assisted in change order process and forecasting cost.

#### **JACOBS ENGINEERING – NEW YORK, NY**

##### **MEP Inspector**

4/13 – 4/15

- NYCDDC – Beaches, Phase 3 Beaches Restoration and Reconstruction/Queens, Brooklyn, Coney Island, NY \$100M
- National Park Services – Multiple Park Buildings and Landscapes at Statue of Liberty and Ellis Island Hudson County, NJ and New York County, NY \$80M
- New York University Project Manager Consultant
- NYCHA/FEMA – Multi- Tier/ Stacked contract for hurricane recovery management in 5 boroughs \$120M
  - Responsible for field inspections of contractor activities to ensure conformity with contract plans and specifications
  - Verified all required O&M manuals, warranties, guarantees, and close out requirements were complete and in compliance with contract documents.
  - Review, comment, and process submittals.
  - Draft RFP's that define work to be performed
  - Assist in resolution, draft response, track, and follow up on requests for information (RFIs).
  - Completed Inspector Daily Reports and coordinated critical point, special, beneficial, and final inspections.
  - Review certified payrolls of all workers for accuracy and perform labor interviews periodically.
  - Survey and review damages to mechanical systems and environmental assessments.
  - Monitored construction activities and conducted controlled inspections for contractor operations in replacing oil fuel boilers to gas boilers, demolition and reconstruction of 250 first floor apartments,

building a community center gymnasium and 65 playgrounds, environmental assessments, sinkholes, excavation, backfilling and beach restorations.

**CON EDISON** – New York, NY

**Mechanic / Construction Management Inspector**

7/03 – 3/13

- Multiple Con Edison Gas Facility, Regulator Stations throughout New York, NY \$20M
  - Supervise and monitored work activities of contractor to ensure conformity with established Con Edison standards including full adherence to contract schedule and specifications.
  - Ensure job specifications are being met and contractors' methods of work conform to local, state and federal regulations including within stipulations required by applicable NYC permits and minimize quality of life issues in community
  - Ensured timeliness and accuracy of Code 753, safe work practices are followed, and environment was full protected in accordance with company policy and governmental regulations. procedures, environmental laws and PSC guidelines
  - Part of Emergency Response Force, responsible for physical installation and repairs of gas mains and services during emergency and non-emergency in compliance with Con Edison operating and safety procedures
  - Worked with various gas pressures provided from low, intermediate, medium and high
  - Replaced existing CI pipes with HDPE and Steel pipes.
  - Used ASME and AWS for welding procedure and qualification.
  - Cathodic Protection System.
  - Ensure safe work practices were followed and timely completion of system repairs while being mindful of environmental laws and PSC guidelines.

## **MICHAEL JOHNSON**



### **PROFESSIONAL OBJECTIVE:**

To utilize my years of education, field and management experience, while working with a team of dedicated professionals, to successfully complete project goals in a timely manner.

### **EDUCATION:**

UNIVERSITY of SOUTHERN MAINE, Portland, ME	M.S. – Molecular Biology
UNIVERSITY of CALIFORNIA, Santa Barbara, CA	B.S. – Aquatic Biology

### **PERMIT/AGENCY COMPLIANCE:**

National Environmental Policy Act (NEPA)  
California Environmental Quality Act (CEQA)  
CWA Section 402 NPDES: CA, PA, NY, OK, ND, MI, FL  
Federal Energy Regulatory Commission (FERC), Section 7c, Natural Gas Act (NGA) 1938  
Department of Transportation (DOT)  
Pennsylvania State Programmatic General Permit (PASPGP-4, PADEP)  
New York Department of Environmental Conservation (NYDEC)  
Natural Resource Conservation Service (NRCS)  
Bureau of Land Management (BLM)  
U.S. Army Corps of Engineers (USACE)  
    -Nationwide Permit (NWP) #12, Utility Line Activities (33 §§ CFR 330)  
    -Clean Water Act (CWA) Section 404 Waterways (33 U.S.C. §§ 1344)  
    -Section 10 of the Rivers and Harbors Act of 1899 (33 U.S.C. §§ 401 et seq)  
USFWS, Section 7(a)(2), Endangered Species Act (ESA) 1973  
Migratory Bird Treaty Act (MBTA), 1918 (16 U.S.C. §§ 703–712)  
Bald and Golden Eagle Protection Act (BGEPA) 1940 (16 U.S.C. §§ 668-668d)  
Section 106 of the National Historic Preservation Act (NHPA)/State Historic Preservation Office (SHPO)  
USFWS, Section 10(a)(1)(b) of the ESA, PG&E San Joaquin Valley Operations & Maintenance Habitat  
Conservation Plan (HCP)  
California State Water Resources Control Board (SWRCB)  
California Regional Water Quality Control Board (RWQCB) 401 Water Quality Certification  
North Dakota Department of Health 401 Water Quality Certification (NDDoH 401 WQ)

### **LICENSES/CERTIFICATIONS:**

#### **CPESC, Certified Professional in Erosion and Sediment Control**

The CPESC certification represents many disciplines and specialties that work to produce site-specific plans and designs that comprehensively address current and potential erosion and sedimentation issues with practices and measures that are cost effective, understandable and that meet environmental and regulatory requirements. CPESC registrants meet educational and practical experience standards, subscribe to the code of ethics, pass a rigorous qualifying exam, and maintain expertise through a continuing professional development program.



**QSD/QSP, Qualified SWPPP Developer/Practitioner, CA**

As a Qualified SWPPP Developer/Practitioner (QSD/QSP) I am responsible for the development and implementation of all elements of the Storm Water Pollution Prevention Plan (SWPPP), including non-stormwater and stormwater visual observations as well as sampling and analysis and preparation of Rain Event Action Plans. To ensure that the preparation and implementation of the SWPPP is sufficient for effective pollution prevention, Section VII of the Construction General Permit (CGP) specifies that the Qualified SWPPP Developer (QSD) and Qualified SWPPP Practitioner (QSP) be responsible for creating, revising, overseeing and implementing the project SWPPP.

**Army Corps of Engineers Wetland Delineation/Regional Supplement/Waters of the U.S. Certification**

38 hr certification based on the U.S. Army Corps of Engineers (ACOE) program for the training and certification of individuals as wetland delineators. The intent of the certification is to improve the quality and consistency of wetland delineations submitted to the Corps and to streamline the regulatory process by developing procedures for expediting review of delineations submitted by certified delineators.

**EXPERIENCE:****ENVIRONMENTAL RESOURCES MANAGEMENT, Minneapolis, MN**

11/20-Present LEAD INDEPENDENT ENVIRONMENTAL MONITOR (LIEM)-Enbridge L3R Pipeline Project-MN  
Working in service to Enbridge and reporting directly to the MDNR and MPCA, I provided environmental resource oversight, guidance, training, leadership, scheduling and management to a team of field level Independent Environmental Monitors (IEMs, "State Monitors"). Participation in virtual and in-field agency meetings as well as daily meetings with LEIs, Cultural, Tribal and Geotechnical personnel were conducted. Daily permit and project plan technical guidance was given to both IEMs and LEI field staff. Specifically, Sections 401, 402, 404, 303d of the CWA, SSRPs, SWPPP, ESA, MBTA, SPCC and HDD IRRP. NRCS guidelines were used for restoration.

8/18-10/20 ENVIRONMENTAL INSPECTOR-Elk Creek Pipeline Project-Sterling, CO

Working in service to ONEOK Inc., I provided environmental resource oversight on Spread 4 in both Colorado and Wyoming. The appropriate coordination and communication with appropriate stakeholders to accomplish shared goals was performed. Under NWP 12 and CWA Section 401/402 NPDES, SWPPP inspections, plan updates and changes were performed. Daily training, enforcement and reporting of SWPPP, ESA, MBTA, SPCC, HDD IR and hydro-test mitigation plans performed. Per Section 7 of the ESA (USFWS) the following T&E Species were surveyed and/or monitored as necessary: Burrowing Owl. Per the MBTA (USFWS) nesting raptor and passerine surveys along ROW were conducted daily. NRCS guidelines were used for restoration. Technical guidance, scheduling and direction of Staff EI's also performed.

**WILLIAMS PARTNERS L.P., Pine Valley, PA**

4/18-7/18 ASSISTANT LEAD ENVIRONMENTAL INSPECTOR

Working in service to Williams Inc., I provide environmental inspection and management under strict PADEP and FERC guidelines. Inspections and reporting on PADEP Code Chapters 102 and 105 as well as training, enforcement and reporting of SWPPP, ESA, MBTA, SPCC, HDD IR and hydro-test mitigation plan mitigation measures. Per Section 7 of the ESA (USFWS) the following T&E Species were surveyed and/or monitored as necessary: Northern Long Eared Bat and Timber Rattlesnake. Per the MBTA (USFWS) nesting raptor and passerine surveys along ROW were conducted daily. NRCS guidelines were used for topsoil nutrient amendment and vegetative restoration. Technical guidance, scheduling and direction of Staff EI's performed.

**SOUTHERN CALIFORNIA EDISON, Rosemead, CA**

02/17-02/18 ENVIRONMENTAL PROJECT MANAGER

I supported the Environmental Services Division at Southern California Edison as an Environmental Project Manager. My responsibilities included the oversight of multiple licensed (CPUC) and non-licensed CEQA/NEPA projects as well as monitoring operations to provide support to existing programs to protect land, air, water quality, natural and cultural resources and small take regulations in accordance with environmental rules, regulations and policies at all levels of government. Oversight and development of various environmental documents to include CEQA EIR and NEPA EIS permit documentation including NPDES (water quality), jurisdictional determinations, air quality, natural and cultural resources, noise, hazardous waste studies. Management and oversight of multiple contractors providing supporting CEQA/NEPA permit documentation, report, review, and onsite construction monitoring. I was also a program co-lead for high level tracking of multi-million dollar environmental contracts as well as bid reviews, selection and budget reviews.

**CHEVRON PRODUCTS COMPANY, Richmond Refinery, Richmond, CA**

04/15-01/17 ENVIRONMENTAL SPECIALIST/INSPECTOR

I supported the management of NEPA/CEQA environmental projects (\$200K-\$4.6M) Refinery-wide as well as monitoring operations to provide support to existing programs to protect land, air, water quality, natural and cultural resources and small take regulations in accordance with environmental rules, regulations and policies at all levels of government. Richmond Long Wharf maintenance dredging was managed which entails permit oversight, managing contractors, compliance assurance, reporting, interaction with agency (DMMO, USACE, EPA, RWQCB, BCDC) and industry advocacy. Refinery avian protection plan (APP) development and implementation to include routing through USFWS/CDFW. Additional tasks include the preparation and update of the industrial and construction SWPPP as well as the SPCC plan; Refinery-wide and project specific environmental education, training and enforcement; CUPA audit updates as well as internal audits of effluent treatment system, SPCC basin system, stormwater and NPDES training and general refinery environmental operations. eSMR NPDES reporting (CIWQS) to the RWQCB has been performed on a monthly and quarterly basis. Generation of RFP's/scopes, contractor selection and managing those subcontractors is also conducted.

**E3 ENVIRONMENTAL L.L.C., Williston Basin, ND and Durant, OK**

10/13-10/14 LEAD ENVIRONMENTAL INSPECTOR

*Multiple Steel Gathering and Lateral Pipeline Connects 10-38 miles long, Williston Basin, ND/Durant, OK*

Working in service to ONEOK Inc., I provided environmental project management oversight under strict NEPA guidelines for up to 9 projects at once including USACE lands with Section 10 waterbodies regulated under the Rivers and Harbors Act. The appropriate coordination and communication with appropriate stakeholders to accomplish shared goals was performed. Under NWP 12 and CWA Section 401/402 NPDES, SWPPP inspections, plan updates and changes were performed. The development and implementation of local and NEPA policies, procedures, business practices, guidance and training was supported. Daily training, enforcement and reporting of SWPPP, ESA, MBTA, SPCC, HDD IR and hydro-test mitigation plans performed. Per Section 7 of the ESA (USFWS) the following T&E Species were surveyed and/or monitored as necessary: Whooping Crane, Piping Plover and Least Tern. Per the MBTA (USFWS) nesting raptor and passerine surveys along ROW were conducted daily and non-protected ground nests were removed/relocated when nest became inactive. NRCS guidelines were used for topsoil nutrient amendment and vegetative restoration. Technical guidance, scheduling and direction of Staff EI's and stormwater inspectors also performed.

**MERJENT INC. Sandpiper Pipeline Project, Minot, ND**

04/13-10/13 ENVIRONMENTAL FIELD MANAGER/INSPECTOR

*Sandpiper Pipeline Project*

Working in service to Enbridge Inc., I was responsible for the direction and oversight of several environmental field crews to include generation of data and reports for support of an EIS under NEPA guidelines to build the 600+ mile Sandpiper Pipeline. Coordination with land agents and the execution of one-call locates as well as issuance of safety work permits were additional duties.

*Beaver Lodge Loop Pipeline Project*

Working in service to Enbridge Inc., I performed environmental inspection and oversight of active construction sites and follow-up restoration (NRCS recommendation). Under NWP 12 and CWA Section 401/402 NPDES, SWPPP inspections, plan updates and changes were performed. USFWS MBTA-based surveys were performed for migratory waterfowl and ground nesting passerines. The appropriate coordination and communication with appropriate stakeholders to accomplish shared goals was also performed.

**BLUESTONE GATHERING SYSTEMS: SPECTION, New Milford, PA**

09/12-03/13 ENVIRONMENTAL INSPECTOR

Environmental oversight of the layout and construction of the 37 mile underground 16"/20" gathering pipeline traversing Broome County NY and Susquehanna County PA under permit of NY Department of Conservation (DEC) and PA Department of Environmental Protection (DEP), respectively. Specifically, protection of cold water trout streams and delineated wetlands (84 total) within the Delaware River and Susquehanna River watersheds, designated high and very high quality watersheds. Through the biological review of the USFWS and PADCNr, under Section 7 of the Federal ESA, Bog Turtle, Northeastern Bulrush, Indiana Bat, Bald Eagle, Piping Plover and Timber Rattlesnake populations were found and subsequently monitored. Several invasive species were surveyed and removed under biologist supervision to include black locust, multiflora rose, Japanese knotweed and reed canary grass. Tracking, reporting (SWPPP) and corrective action of BMP installation and maintenance was performed daily.

**CH2M HILL, Oakland, CA**

09/11-08/12 ENVIRONMENTAL INSPECTOR

Consulting for PG&E environmental oversight of multiple projects was performed through monitoring operations to provide support to existing programs to protect land, air, water quality, natural and cultural resources and small take regulations. With the oversight of CPUC as the lead agency, under CEQA and NEPA guidelines all avoidance and mitigation measures (AMM's), CWA Section 401/402 (NPDES) SWPPP BMP's were enforced and reported on. Under Section 7 of the Federal ESA (USFWS) in conjunction with the CESA/MBTA utilizing the California Natural Diversity Data Base (CNDDb) preconstruction and protocol-based biological site review monitoring was performed for the following Species: California Tiger Salamander, California Red Legged Frog, Giant Garter Snake, San Joaquin Kit Fox, Western Burrowing Owl and California Clapper Rail. Monitoring of raptor and passerine species to include but not limited to: Swainson's Hawk, Coopers Hawk, White Tailed Kite, Anna's Hummingbird, etc. was conducted to comply with USFWS MBTA. Training and education of construction staff and inspectors of biological, environmental, cultural and stormwater issues was conducted. Documentation of all tasks above on a daily and weekly basis to include pre/post stormwater reporting was performed. Close-out reports were successfully generated at the end of the season for several projects.

**SGC ENGINEERING, LLC. Cranberry Township, PA**

06/11-09/11 SURVEY TECHNICIAN-PARTY CHIEF

Performed conventional and GPS civil survey for pipeline, well pad, access road, and erosion and sediment control plans to include topo, boundary, stake-out, as-built, wetland delineation, etc. Efficient use of Trimble Geo and Survey R6/R8 GPS/GIS equipment and Leica Total Stations was key to successful survey technique. Deed research and plot plan research conducted where historical reference was needed. Ability to navigate and understand tax maps, erosion control plans and plot plans proven. Communicated with land owners, regulatory agencies and utility representatives when needed to obtain permissions and explain situation. Function as team leader to successfully coordinate and motivate time sensitive, result driven directives.

**SWCA ENVIRONMENTAL CONSULTANTS, Vernal UT**

03/11-6/11 ENVIRONMENTAL BIOLOGICAL CONSULTANT

While under seasonal contract, I performed preconstruction and protocol based rare plant, wildlife and habitat surveys as part of requirements associated with natural gas, oil and wind development in the Uintah Basin and Seedskaadee, WY area through private, USFS, as well as BLM Lands. Recorded data on GPS units and field site forms using topographic maps, aerial photographs and tools to determine exact locations of project areas, habitat types, and associated landforms. I photographed appropriate habitat, species, and landforms and gained knowledge plant and animal survey techniques while conducting fieldwork safely for long hours in inclement weather.

**SGC ENGINEERING, LLC. Louisiana, MO**

06/08-02/09 SURVEY TECHNICIAN

Rockies Express Pipeline –West, Survey Services in Support of 42 inch Gas Pipeline, 72mi, Spread 7  
Working in conjunction with Environmental Inspectors under stringent FERC guidelines, various survey services were rendered to the layout and eventual construction LUP. Using GPS control surveys, resource area locations along the proposed route were rapidly and accurately located and staked out using Trimble PRO XR-GPS/GIS units. During the construction phase, as-built survey was performed giving precise GPS coordinated location to PI, contours, utilities, roads and wetlands that crossed the pipe.

**UNITED STATES AIR FORCE RESERVES, CONUS/IRAQ**

09/03-12/10 COMBAT COMMUNICATIONS/CARDIOPULMONARY TECHNICIAN

Through the US Air Force Reserves, care was given at various Air Force Bases around the Continental United States and at various locations in Iraq to include: Sheppard AFB, Nellis AFB, Travis AFB, Bangor ARW and FOB's in Iraq. Training and Care included: Basic Life Support, Advanced Cardiac Life Support, Combat Life Support and Respiratory Care working in clinics, MSU, ICU and ER/field environments.

**PLAISTOW CONSULTANTS, Plaistow, NH, Part-Time**

04/03-06/08 SURVEY TECHNICIAN and PARTY CHIEF

I performed conventional civil survey services for the layout and eventual construction of various vertical residential and commercial projects. This included but was not limited to: erosion and sediment control plans, topo, boundary, stake-out, as-built, wetland delineation, septic design, etc. Efficient use of Topcon Total Stations was key to successful survey technique. Deed research and plot plan research conducted where historical reference was needed. The ability to navigate and understand tax maps, erosion control plans and plot plans was proven. Communicated with land owners, regulatory agencies provided.

**PUBLICATIONS:**

Laura Miceli-Libby, Michael J Johnson, Anne Harrington, Bochiwe Hara-Kaonga, Ah-Kau Ng, Lucy Liaw Widespread delta-like-1 expression in normal adult mouse tissue and injured endothelium is reflected by expression of the Dll1LacZ locus. *Journal of Vascular Research*. 2008; 45(1): 1-9

Matthew C Havrda, Michael J Johnson, Christine F O'Neill, Lucy Liaw A novel mechanism of transcriptional repression of p27kip1 through Notch/HRT2 signaling in vascular smooth muscle cells. *Thrombosis and Haemostasis*. 2006 Sep; 96(3): 361-70

Burgess RW, Peterson KA, Johnson MJ, Roix JJ, Welsh IC, O'Brien TP, *Evidence for a conserved function in synapse formation reveals Phr1 as a candidate gene for respiratory failure in newborn mice*. *MCB*, 2004 24(3):1096-105

*International Human Genome Sequencing Consortium, Initial sequencing and analysis of the human genome*. *Nature* 2001 409, 860-921

**CERTIFICATIONS/COMPUTER SKILLS:**

CPESC (Certified Professional in Erosion & Sediment Control obtained in 2015 via EnviroCert International, Inc., No Expiration), QSD, QSP, QISP, CISEC, SGA EI Training, OSHA 30hr, HAZWOPPER 40hr, Wetland Delineation (38hr USACE), Erosion and Sediment Control (NYDEC, PADEP, MEDEP), MS4 (Stormwater Inspector, FL), First Aid/CPR, ACLS. Proficient with MS Office, Photoshop, ArcGIS, Trimble GPS/Leica Total Stations, PADI, skydiving.