APPENDIX F
CASE 10-T-0189
COMPLIANCE ASSURANCE PLAN

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TABLE OF CONTENTS

1.0 Introduction....2

2.0 Inspectors Contact Information....2

3.0 Quality Control Inspections....3

3.1 Quality Control Inspection Schedule....3
3.2 Reporting & Documentation....3
3.2.1 Purchasing Quality Control Audits....4
3.2.2 Construction Quality Control Audits....5
3.2.3 Compliance Inspections....5
4.0 Environmental Audits....6

4.1 Environmental Audit Schedule....7
4.2 Reporting and Documentation....7
5.0 Post Installation Inspection Plan....7

5.1 Cable Location....7
5.2 Damage to Infrastructure....8
5.3 Schedule....8
5.4 Maintenance and Emergency Action Plan....8
5.4.1 Maintenance....9
5.4.1.1 Overland Transmission Cable....9
5.4.1.2 Marine Transmission Cable....10
5.4.2 Emergency....11
5.4.2.1 Overland Transmission Cable Repair....11
5.4.2.2 Marine Transmission Cable Repair....11
5.5 Erosion control and Drainage....13

LIST OF TABLES

Table 1 - Inspectors Contact Information and Qualifications....2

LIST OF APPENDICES

Appendix A Resumes of Inspectors

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	TBD	TBD	TBD
Quality Assurance Inspector	TBD	TBD	TBD
Construction Inspector	TBD	TBD	TBD
Environmental & SWPPP Inspector	Wes Congdon Raymond Yorks Andrew Currier Kayla Atkins Benjamin Benfer	See attached Resumes	See attached Resumes
Agricultural Inspector (if different from Environmental Inspector)	Paul Yankovich	See attached Resumes	See attached Resumes

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.

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.

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.

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 will occur at each work site each day there is construction activity. 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

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.

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

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.

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

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.

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 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

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.

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).

- 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.

APPENDIX A of COMPLIANCE ASSURANCE PLAN

Inspector Resumes

RAY YORKS

[redacted]

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

Andrew S. Currier

[redacted]

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 the needed knowledge to utilize Best Management Practices and proper implementations in the utility construction industry. Extensive experience focused on pipeline right-of-way permit and plan compliance (SWPPP, SPCC, etc.) on both midstream and transmission projects. 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
- Linear project inspection (upland, ag, wetland, waterbody, bore, HDD, ESA, etc.)
- Facility Inspection (CS, Dehy, M&R, PS, PY, CC, WSS)
- Report generation (Daily, SWPPP, USACE, Punch List, etc.)
- POC with regulatory agencies
- Computer literacy (OS & Windows)
- Proficient in Microsoft Office 365
- Blueprint/plan/typical literacy and implementation
- High mathematical competency (Calc I, II, III, Diff. Eq.)
- Detail-oriented
- Excellent communication skills
- Work well with others
- Team building and leadership
- Problem solving and avoidance
- Highly trainable, versatile & adaptable
- Highly energetic; able to walk multiple miles in rough terrain

TRAINING AND EXPERIENCE:

- OSHA-10 certification **[Cert # 26-007326175]**
- API 1169 Certification **[Cert # 84049]**
- FAA Part 107 sUAS Commercial Pilot License **[Cert. #4496905]**
- American Red Cross Wilderness and Remote First Aid Training **[6/30/15]**
- NYS DEC Erosion & Sediment Control 4-Hour Course **[Exp. 10/12/19]**
- MT Qualified Compliance Inspector of Stormwater **[Cert #a243f1c7]**
- MT Qualified Preparer of SWPP Plans **[Cert # a243f1c7]**
- FERC seminar Cincinnati, OH **[10/(6-8)/15]**
- Coordinated field testing/critical input of Williams-developed inspection report applications **[4/14-9/17]**

JOR HISTORY:

Lead environmental Inspector; Columbia Gas/TC Energy (K1A) via Merjent, Minneapolis, MN 55414 **[8/21-present]**

- Provided daily environmental and SWPPP inspections on a FERC-regulated emergency slip repair (replacement) on Columbia's K1A 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 **[6/19-11/19]**

- 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 **[7/18-6/19]**

- 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 off-site resource impact 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)*

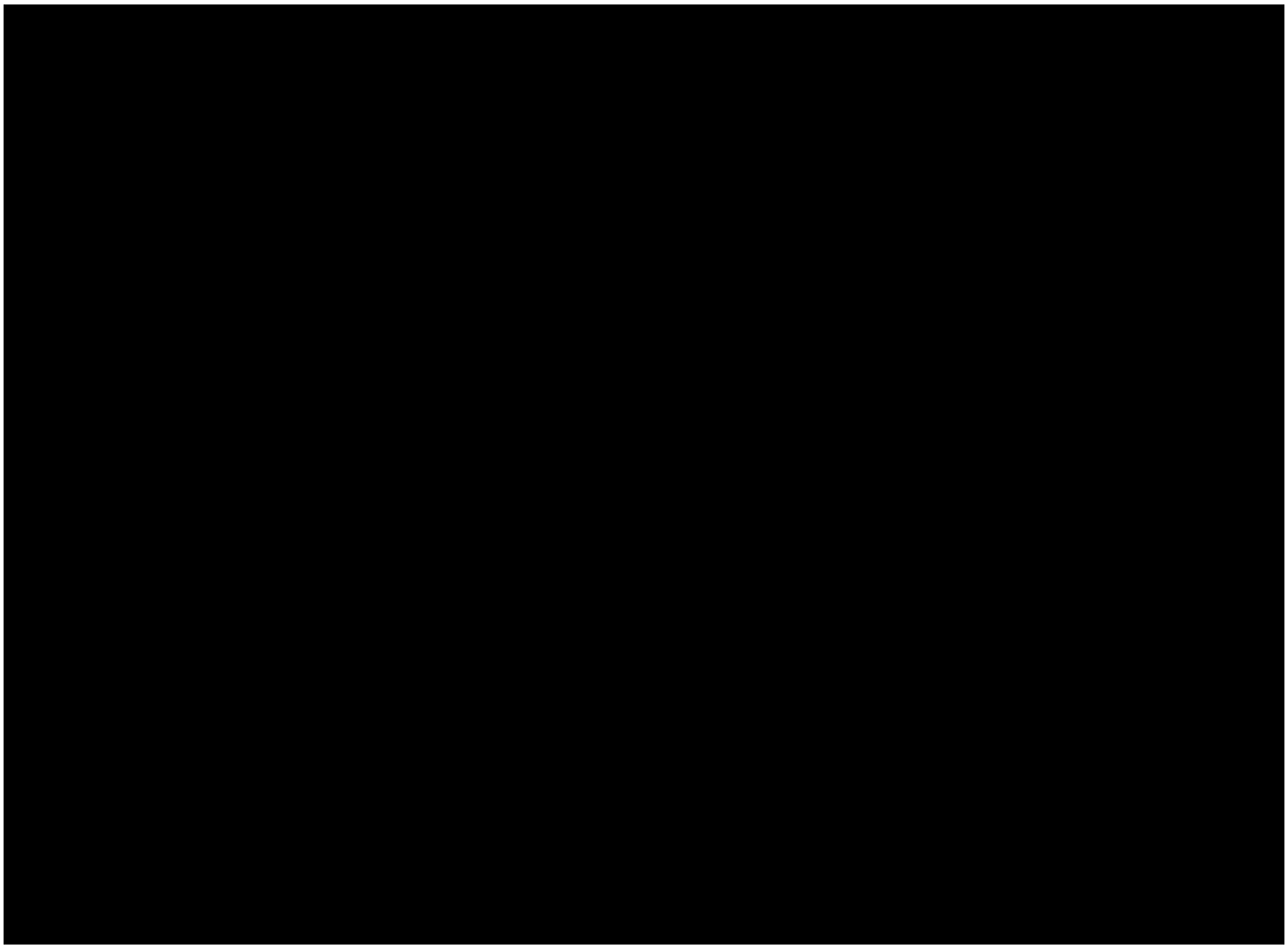
- Developed inspection schedule for group of 8 monitors, adjusting as needed for weather events, trainings, etc.
- Consulted with by Project Management regarding manpower needs, including hiring and lay-offs.
- Developed inspection tracking forms, etc. for Project Management and PMs.
- Point-of-contact 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 off-site resource impact 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.

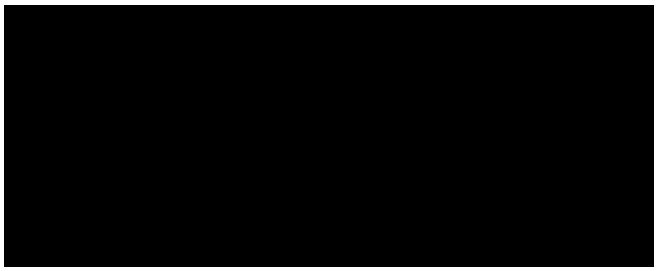
Environmental Compliance Monitor; Williams Midstream (SSH) via JRJ Energy Services, LLC, Stanwood, MI 49346 **[4/13-4/14]**

- Provided SWPPP inspection coverage of multiple post-construction gathering pipelines, well connects, compressor, dehydration and M&R stations, permanent access roads and off-site resource impact 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.
- Helped develop program SOPs and other requested documentation for Williams Midstream

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]**





Benjamin M. Benfer

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Work Experience

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)* **Richmond, VA**
Environmental Inspector *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)* **MT & WY**
Lead Environmental Inspector/Environmental inspector *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)* **Summersville, WV**
Environmental Inspector *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)* **Pine Grove, PA**
Environmental/Agricultural Inspector *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 **Stoystown, PA**
Herbicide application technician *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. **Bellefonte, PA**
Bat Survey Technician *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

The Pennsylvania State University — **University Park, PA**
College of Agricultural Sciences — *Graduated: December 2017*
Bachelor of Science in Forest Ecosystem Management

The Pennsylvania State University — **Mont Alto, PA**
College of Agricultural Sciences — *Graduated: May 2014*
Forestry Technology

Credentials

Virginia Dual Inspector Certification — *Completed July 2020*

Certified Erosion, Sediment & Storm water Inspector (CESSWI) — *Completed September 2020*

MICHAEL JOHNSON

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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 (USAGE)
- -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 amd 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 rosa, 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/H 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 Seedskadee, 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 DIIILacZ 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 p27kipl 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 Phrl 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, QSD, QSP, QISP, CISEC, SGA El 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.

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/Heath/Safety, while conducting new construction of oil and gas pipelines. 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

June 2019 to Present

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 SWPP 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 SWPP 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 SWPP 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 SWPP 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, 1-35 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 SWPP 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 SWPP 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 SWPP inspections.

February 2007-February 2008

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

Utility/ Environmental Inspector

Managed keeping track of 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.

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

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.

Hobbies New Orleans Saints and Cooking

References available upon request

PAUL YANKOVICH

ENVIRONMENTAL/AGRICULTURAL INSPECTOR

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 where 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