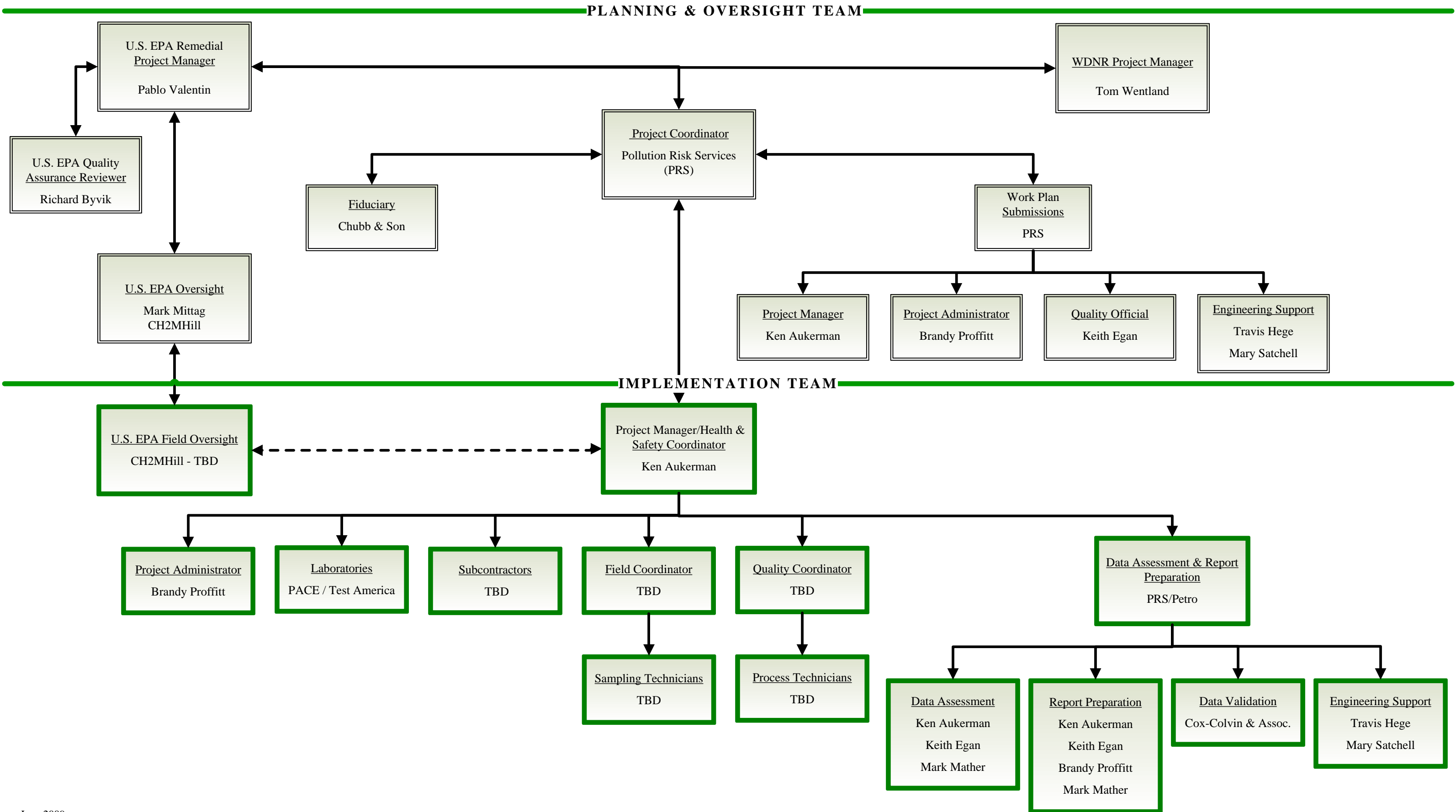


APPENDIX C
Lower River Project Team



APPENDIX C

Responsibilities and Qualifications

1.0 Introduction

This document provides the qualifications and responsibilities for the key personnel associated with the Remedial Design (RD), in accordance with the *Administrative Order on Consent for the Remedial Design for the Lower River Portions of the ROD* (AOC) and *Lower River Remedial Design Statement of Work* (LRRDSOW).

The attached organization chart “Lower River Project Team” identifies the project team organization and anticipated lines of communication.

2.0 Key Personnel

2.1 PRS Project Manager Ken Aukerman

Lower River Project Responsibilities

The Project Manager (PM) will be directly responsible for the performance of all requirements as specified in the AOC and related documents. The PM shall be responsible for ensuring communication with all staff, agencies and subcontractors, specific methods to be used include:

- Oversee the development and transmittal of necessary submittals
- Coordinate communications and meetings with the U.S. EPA Project Manager, WDNR Project Manager, and other appropriate project team members
- Assure that all activities are performed in accordance with the requirements of applicable federal and state laws, regulations, and applicable or relevant and appropriate requirements (ARARs)
- Assure that the work is performed as defined in the approved submittals

Education/Certifications:

B.S., Chemical Engineering, Ohio University, 1994
29 CFR 1910.10 Certification & Refresher
First Aid/CPR – American Red Cross

Qualifications

Mr. Aukerman has been the Project Manager of the Sheboygan River and Harbor Superfund Site since 2003. As Project Manager for Petro Environmental from 2003 to 2004, Mr. Aukerman managed all Phase I, Site Source Removal remediation activities. These activities included; plan development, site source and riverbank soil excavation, groundwater monitoring/interceptor trench (GMIT) installation, groundwater well abandonment/development, and groundwater monitoring. As Project Manager for Pollution Risk Services from 2005 to present, Mr. Aukerman managed all Phase II, Upper River Sediment Removal remediation activities. These activities included; plan development, dredging, sediment dewatering, wastewater treatment, transportation and disposal of hazardous and non-hazardous materials, and post-remedial monitoring of fish.

Relevant Project Experience

- Managed investigation and remediation activities for a Brownfield site, heavily impacted by RCRA heavy metals and PAHs. Worked with Ohio EPA to determine the applicable regulatory framework, develop sampling and analysis and remedial plans and issue certification reports.

Developed an investigation and remedial strategy to stabilize materials that exhibited RCRA hazardous characteristics in-situ and rendering it non-hazardous.

- Managed field activities related to the closure of a 150 acre landfill in Macomb County MI. Operations included a groundwater pump and treatment system (20 MGAL/YR), landfill gas system, and a network of 30 monitoring wells
- As a Project Engineer and Environmental Coordinator, was responsible for facility engineering, refrigeration, HVAC, boiler operation and environmental reporting. Completed \$7MM expansion of the facility including design and installation of: all HVAC, boiler operations, WWTP improvements and air emission upgrades. Completed \$3MM project that included the relocation of existing ammonia piping, additional engine room, process building, and distribution freezer. Developed and implemented Process Safety and Risk Management Plans for ammonia and propane systems.
- As a Process Engineer and Environmental Coordinator, responsibilities included proposing and implementing capital projects to improve efficiency of manufacturing operations. Responsible for submittal of all air, water, and wastewater documentation and permits including NPDES, Tier II and Form R reports.

2.2 Quality Official **Keith Egan, CP**

Lower River Project Responsibilities

Responsibilities of the Quality Official include the following:

- Coordination and communication with PRS Project Manager, WDNR Project Manager, and U.S. EPA Project Manager
- Assist PRS Project Manager with the development of necessary submittals
- Review project data to confirm compliance with Quality Assurance/Quality Control (QA/QC) criteria set forth by the AOC, LRRDSOW, and the associated work plans.
- Assure the performance of work is in accordance with the approved submittals

Education/Certifications

B.S., Environmental Science, University of Arkansas, 1976

M.S., Course Work in Geochemistry, University of Oklahoma

M.S., Course Work in Mathematics and Computer Science, University of Colorado

OSHA Health and Safety Certified (29 CFR 1910.120)

OSHA Supervisor's Health and Safety Certified

Certified Project Manager

Certified Professional (#259)

Qualifications

Mr. Egan specializes in the design of Superfund and VAP soil sampling/analysis plans, subsurface/surface investigations, risk assessments and modeling. Investigation design experience includes Superfund sites, Brownfield sites and UST release sites. Including:

- Soil and Groundwater Contamination Investigations
- Remedial Investigation/Feasibility Studies
- Operation and Maintenance Plans
- Quality Assurance Plans

- Data Validation
- Environmental Site Assessments/Audits

Relevant Project Experience

- Managed all work required to prepare No Further Action Letters and obtain the Covenant-Not-to-Sue for the Bailey Walker China VAP site in Cleveland, OH and the Miami Valley Skeet Club VAP site in the Dayton, OH. This included directing the Phase I and Phase II assessments, managing the remediation, and preparing risk assessments.
- Conducted the fate and transport modeling and risk assessments for two VAP sites in the Cincinnati area. The work was crucial to obtaining a Covenant-Not-to-Sue for both sites, as the Ohio EPA believed that the concentration of lead in the soil at both facilities was an environmental concern. Through the use of statistical analysis, Mr. Egan was able to significantly lower the average concentrations used in fate-and-transport modeling.
- Designed the VAP investigations, developed the Data Quality Objectives, and conducted the fate and transport modeling and risk assessments for two machining facilities in the Cincinnati area that were under audit by the Ohio EPA due to the poor performance of the prior Certified Professional. The work was crucial to obtaining a Covenant-Not-to-Sue for both sites.
- Managed environmental assessments and prepared reports for over 500 sites. These primarily include properties for real estate transactions, spill events, facility closures, and compliance audits.
- Managed the remedial investigation of the main operable unit at the Miamisburg Mound Superfund site.
- Under contract to the U.S. Environmental Protection Agency, acted as lead quality assurance/quality control supervisor for all Superfund site investigations in Region IX.
- Under contract to the U.S. Environmental Protection Agency, provided technical oversight of several Superfund investigations and remediation's in Region IX.

2.3 Engineering & Design Support Travis Hege, PE

Lower River Project Responsibilities

Responsibilities of the Engineering & Design Support include the following:

- Coordination and communication with PRS Project Manager and Quality Official
- Assist the Project Manager in the preparation, review and/or editing of submittals (plans, specifications, drawings, reports, etc.).
- Assist PRS Project Manager and Quality Official with design aspects of the project
- Provide PE designation to work plans as necessary.

Education/Certifications:

B.S., Civil Engineering, Clemson University, 2001

Associate in Engineering Technology, w/ Major in Civil Engineering Technology, York Technical College, 1997

PE - Professional Engineer Licensed in NC, SC, and WI

LSIT - Certification # 682

LEED AP – Leadership in Energy and Environmental Design Certified Professional

Qualifications

Mr. Hege specializes in the following areas:

- Hydrology / Hydraulics
- One Dimensional Hydrodynamic Modeling
- Coastal Hydraulics
- Water Resources
- Erosion Control
- Water Surface Profiles
- Hydraulics and Sedimentology
- Site Development
- Supervised surveying crew for Cadastral, Topographic & Construction surveying.
- Wetland boundary surveying.
- TDS, GPS, Ranger Legacy, SMI Construction V, Civil 3D

Relevant Project Experience (Technical)

- HEC-2 Water Surface Profiles, USACE
- HEC-RAS 3.0 River Analysis, USACE
- TR-55 Urban Hydrology for Small Watersheds
- TR-20 Hydrograph Routing, NRCS
- XP-SWMM Storm Water Management Model, EPA
- Hydraflow Hydrographs, Hydrology for Small Watersheds, InteliSolve
- Microstation
- Autocad Land Desktop
- Autocad Civil 3D