

**LAKE ROWENA DREDGING AND PARK IMPROVEMENTS
EBENSBURG BOROUGH, CAMBRIA COUNTY
LAKE ROWENA DREDGING PERFORMANCE SPECIFICATION**

SCOPE

The work covered in this section includes the material, equipment, and performance of all labor to complete the mobilization, dredging, desludging, dewatering, loading, hauling, disposal and erosion control, of the dredged material as specified or directed by Ebensburg Borough (“Owner”).

This work shall include, but is not limited to:

- Equipment mobilization/demobilization
- Dredging of soil, organisms and debris from the Lake in a manner that does not require dewatering.
- Hauling and disposal of dredged material to be used as clean fill to the disposal site located at 140 Scanlon Hill Road, Washington Township, Lilly PA which is approximately 11 miles from the lake.
- Removal, separation and disposal of non-organic and organic woody debris encountered during operations at an approved off-site location
- ~~Maintaining all erosion and sedimentation pollution control measures at the approved specified disposal site.~~

The material to be removed is approximately 8,500 CY of dredge material and can include mud, silt, soft clay, sand, and organic material up to approximately 2 feet in depth. The Lake is approximately 12 feet deep at its deepest point. However, debris, trash, tires, etc. may be found in the area to be dredged. All such material is included in the materials to be removed and shall be excavated and disposed of as part of this contract.

NOTIFICATIONS AND SUBMITTALS

PA One Call Notification

The contractor shall comply with Pennsylvania Act 287 of 1975, as amended, regarding underground utility protection. The contractor shall call 811 or 1-800-242-1776 for a locate request not less than three (3) nor more than ten (10) business days prior to commencing work.

The contractor shall provide all Ticket numbers, responses and other information upon completion of the contractor’s notification process to PA One Call.

Each “person” as defined in Pennsylvania Act 287 of 1975 must provide their own notice of excavation. Subcontractors shall not work under another company’s ticket unless they are under the direct supervision of the company that provided the notice of excavation.

~~Pennsylvania Department of Labor and Industry Wage Bacon-Davis~~ wage rates shall be paid on this project.

Dredging Operations Plan

Prior to any dredging work, the Contractor shall host a preconstruction meeting at the project site. At least one week prior to the preconstruction meeting, the Contractor shall submit a dredging plan for approval by the Owner. No work shall begin without approval of the plan by the Owner. The plan shall include the following:

- a. Names and specifications for all dredging methods
- b. All applicable permits
- c. Method and equipment for transporting dredged material from the project site to the disposal site
- d. Sequence of construction.
- e. Schedule – Work not to begin until on or after September 8, 2026

Dredging Daily Reports

During the performance of all dredging operations, the contractor shall log each calendar day's activity for dredging being completed. Forms to be used shall be developed by the Contractor and submitted by the Owner. The Daily Report shall be filled out for each calendar day even when the equipment is not working to ensure all dredged material is accounted for.

Monthly Pay Applications – The Contractor shall prepare and submit monthly pay applications to the Owner.

PERMITS

The Contractor shall obtain assist the Borough of Ebensburg in obtaining any necessary permits based on their proposed methods of dredging and hauling and comply with conditions and requirements of any required state, county or local permits. The permits shall be in the entity of Ebensburg Borough. The Contractor shall be responsible for any violations associated with noncompliance of any permits, laws or regulations.

EXECUTION

Limits of Dredging

The limits of dredging include the entire lake within the lake banks. The Contractor shall dredge within the limits allowed by permitting.

Dredging

Material excavated by dredging (in a manner that does not require Lake dewatering) shall not be stored on site for more than four (4) days as the laydown area at the project site is limited. The Contractor may use methodology such as using an electric dredge to harvest the sludge, sending the sludge to dewatering tanks and centrifuges, stockpiling the dry solids, and releasing the clean water back into the lake. Any approved methods equal to this methodology are acceptable.

Trash, debris, and other miscellaneous man-made and natural objects should be expected during dredging. Material to be expected may include, but is not limited to, plastics, tree branches and tires. These debris shall be transported to an appropriate location. The disposal location will be determined by the material in question, and by the rules and regulations set forth by PA DEP, county conservation district, and the local municipality. The contractor is responsible for providing adequate measures for housekeeping, material management and litter control. Dredged material may be hauled wet, but it is preferred that some water be removed.

Fish Removal

Before dredging commences, the Owner will coordinate fish removal with the Pennsylvania Fish and Boat Commission

Erosion and Sedimentation Control Maintenance- The Contractor shall be responsible for the placement of any necessary erosion and sedimentation control measures at the project site. The Contractor will also be responsible for maintaining these measures, ~~as well as maintaining any measures present at the disposal site.~~

FINAL EXAMINATION AND ACCEPTANCE

The contractor shall complete a pre-dredge survey of the lake.

Upon completion of dredging operations, the contractor shall conduct a final post-dredge survey that includes the entire project dredging limits for review by the Owner. The pre- and post-dredge survey shall be compared to determine the amount of material dredged and hauled for the pay items.

Upon final acceptance of the work, promptly remove equipment and perform site cleanup.

SITE RESTORATION

Upon completion of dredging and removal of dredging equipment, the Contractor shall restore the construction area, staging area, and any roadways to preconstruction conditions. Work shall include, but is not limited to, grading, seeding, and repair of damaged site amenities.

MEASUREMENT AND PAYMENT

The total quantity of "Dredging", measured as provided above, will be paid for at the contract unit price per cubic yard. The above process and payments will be full compensation for all submittals, meetings, inspections, regulatory requirements, and dredging/hauling work to include all other labor, equipment, and incidentals necessary to complete the requirements of this section.

Consistent with above, the Contractor shall prepare and submit monthly pay applications to the Owner.

The Contractor shall furnish a Performance Bond for 100% of the contract value.

The quantity of material dredged and hauled will be determined by the pre- and post-dredge surveyed completed by the owner and confirmed by the owner's engineer.

Payments will be made under:

- a. Pay Item: Dredging and Hauling
Pay Unit: Cubic Yard
- b. ~~Pay Item: Hauling~~
~~Pay Unit: Cubic Yard~~
- c. Pay Item: Debris Removal and Disposal
Pay Unit: Ton
- d. Pay Item: Erosion and Sedimentation Control Maintenance
Pay Unit: Lump Sum
- e. Pay Item: Silt Barrier
Pay Unit: Linear Feet
- f. Pay Item: Mobilization/Demobilization
Pay Unit: Lump Sum
- g. Pre- and Post-dredge survey
Pay Unit: Lump Sum