



July 7, 2020

Town of Johnstown WWTP Lagoon Dewatering Proposal

BioVelocity, LLC is pleased to provide the attached scope and cost for dredging and dewatering of wastewater sludge at the Town of Johnstown Wastewater Lagoons.

BioVelocity, LLC proposes to provide the following scope of services for removing an estimated volume of 14.5 million gallons (14,500,000 gallons) of sludge from three (3) wastewater lagoons (see attachment for anticipated volume per lagoon).

1. Removal of approximately 14.5 million gallons of sludge from lagoon by use of SRS Crisafulli Flump Dredge.
2. Dewatering of approximately 14.5 million gallons of sludge by use of Centrisys Centrifuge.
3. Conveying biosolid material to live bottom trailer, roll off dumpster or similar to be hauled off site and disposed of in accordance with CDPHE Regulation 64 and EPA Regulation 503. Biosolids will be disposed of via compost operations to be beneficially reused.
4. Sampling and analysis of Regulation 503 included within this proposal. BioVelocity, LLC to provide annual biosolids report to Town following completion of the project.
5. Estimated time frame for BioVelocity, LLC to complete the dredging and dewatering of each lagoon are as follows, assuming 10-hour work days. Large Lagoon (9.2 MG) – 126 Days; Medium Lagoon (3.9 MG) – 55 Days; Polishing Pond (1.41 MG) – 22 Days.
6. BioVelocity to provide generator power for operation of all equipment while on the project.
7. Town of Johnstown to provide potable or non-potable water supply for process water during dewatering process. BioVelocity, LLC will provide certified backflow prevention device to be used on potable water sources. Water supply required for centrifuge operation is approximately 10,000 gallons per day.

BioVelocity, LLC proposes cost of \$0.10 per gallon for dredging, dewatering, hauling and disposal of the cake generated from the wastewater lagoons.

Sincerely,

Dave Lewis – BioVelocity, LLC

Accepted By: _____ Signature: _____ Date: _____