

TOWN OF SEABROOK
SEWER DEPARTMENT

274 RTE 286 • PO BOX 456
WRIGHT'S ISLAND
SEABROOK, NEW HAMPSHIRE 03874



March 17, 2020

To: William Manzi III, Town Manager
From: Curtis Slayton, Acting Sewer Superintendent
Re: Revolution Scientific

Wastewater Pretreatment Manager Mario Leclerc and I toured the new business expansion proposed by Aerodynamics at Batchelder Road on March 16, 2020. The new business will be Revolution Scientific.

In an effort to familiarize myself with the Aerodynamics current operation, a tour of the metal finishing operation was conducted.

Aerodynamics receives parts from various manufacturers, and performs metal finishing activities. Parts are inventoried, catalogued, processed and returned to the end user.
(It was noted that they have contracted with a vendor to replace their current waste treatment system. The installation is approximately 50% complete.)

We then toured the proposed business addition, Revolution Scientific. It is located in a newly refurbished portion of the existing footprint.

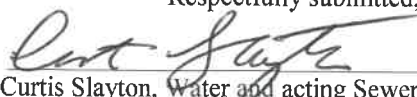
Revolution Scientific utilizes "Non-Destructive Testing" of metal parts for various end users. The parts are dipped in a fluorescent liquid dye, and left to dwell or suspended for a period of time to allow the excess material to be returned to the dip tank. The part then moves on to a gentle rinse operation to remove the dye from the surface. The next phase involves an inspection of the part inside an enclosed booth under black light by a certified employee. The part is classified as either a pass or a fail. Notations are made on the prepared report as to what type and severity of the failure. The part is then returned to the end user for use or rework.

The wastewater facility consulted with the New Hampshire Department of Environmental Services (NHDES) to determine the applicability of waste disposal of the rinse water. Pretreatment Manager Leclerc spoke to Mr. Alexis Rastorguyeff of the Pretreatment section on November 19, 2019. NHDES indicated that the proposed rinse could be directly discharged to Town sewer as proposed and is acceptable.

It is the recommendation of the Pretreatment Manager and myself that Revolution Scientific receive a Business License and a Class 3 industrial wastewater discharge permit from the Town of Seabrook.

Feel free to contact me if you need any additional information.

Respectfully submitted,


Curtis Slayton, Water and acting Sewer Superintendent