

Town of Thomaston
ENVIRONMENTAL DEPARTMENT

Report for August 2024

PLANT OPERATIONS – This was the second month in a row that over 14 million gallons (MG) was land applied. At the beginning of the month the storage lagoon was 65% full and, by the end, down to 51%. This was a good month for land application as we were able to land apply 14.3 MG in spite of receiving 5.0 inches of rain. This is above the typical August precipitation of 2.99 inches. The volume received for treatment was 6.56 MG.

The land applied wastewater was monitored, sampled and tested as required by our DEP license and all parameters were within limits. There were no violations of our license this month.

The area around the lagoons was mowed and the sides of the road to the spray fields by our staff.

PUMP STATIONS – The pump stations all ran with no problems this month. All stations had both pumps in full operation. All of the stations were given a through cleaning and operation checked as in September we will have our annual inspection by DEP and this year they are concentrating on inspecting pump stations. With low rainfall this month Dragon discharged 1,420,000 gallons to the public sewer, more than in July but still one of the lowest months on record

TOWN FOREST TRAILS – The mountain bike club held their annual event day with many activities and had a large turnout.

MUNICIPAL UTILITIES – This month the solar array produced 67,276 kWh of electricity that went to the grid. (See graph on next page for comparison between design and actual production.)

The solar panels on the roof of the Wastewater Control building and garage produced 5,645 kWh that was all used in the treatment facility.

During August the municipal electric accounts used a total of 56,625 kWh and again more power has been generated than was used this month.

We have investigated a Community Solar Cooperative with Rockland and Owls Head in the past but the idea never moved ahead. South Thomaston has recently installed a small solar array and has indicated an

interest in expanded into community solar to benefit their citizens. A meeting has been held with two of their officials and we have discussed the possibility of a two town program to benefit both town's citizens.

