



2323 Fourth Street
PO Box 483
Peru, Illinois 61354
815-224-1650
800-659-4659
Fax 815-224-1688
www.testinc.com

July 9, 2026

Client: Village of Poplar Grove
Attn: Kristi Richardson, Village President
200 Hill Street
P.O. Box 01
Poplar Grove, IL 61065

Plant Type: Wastewater Treatment Plants: North: Class II Sequential batch reactors (SBR).
South: Class I Sequential batch reactors (SBR).
Water Treatment Plants: Well Supply with Chemical Addition in all 3 locations

For the water system you will find attached the daily inspection and monitoring reports for each of the water plants and the distribution system testing record. For the wastewater side we have included the monthly DMR for both wastewater plants.

Outlined below are the processes and actions taken during June 2026 in Poplar Grove to improve the facilities equipment beyond required and routine maintenance, testing, inspection and reporting. At times we will also list upcoming needed improvements that may need attention by the Village.

We hired a new employee, so we've returned to full staff. He's been working out well and has taken a liking to the job. He previously worked in a lab, so he's familiar with a lot of the industry. He has been picking up on mechanical things quickly as well.

Lift Stations:

- Performed daily checks and maintenance.
- We had an issue in the collection point lift station, the pumps ragged up twice in the matter of a week. We had to have Sable come out and they ended up taking one of the old pumps and installed our new spare we purchased a year or two ago.
- We also notice during this time that the motor starters have a lot of carbon built up so we are looking at getting those replaced before they fail. We pulled them apart and cleaned them the best we could but the cycle often and had been replaced about 6 years ago.
- After the issues at collection point, we spent a day going around to the rest of the lift stations, cleaning motor starters and overloading circuits to ensure everything is running as best as possible.

North WWTP:

- All standard monthly checks/maintenance/cleaning and procedures were completed.
- We decanted digesters.
- Tested all emergency wash stations.

- Cleaned out all the building and clear of cobwebs.
- Calibrated all lab equipment.
- Cleaned plant.
- Performed process control sampling.
- Repaired the influent sample, it needed a fuse.
- Installed new pick-up tubing on both samplers.
- Had an issue with a influent valve for SBR4. We had to have Dorner come out and repair it. It had a bad seal, and some moisture was able to get in the control area. It didn't short anything out, but it did cause some damage to the terminals.
- Changed bad wheels on traveling bridge of the sand filter.
- Cleaned and organized all the spare parts and restocked some inventory with floats and fuses.

South WWTP:

- Decanted digesters.
- Removed spray nozzle from screen and cleaned them. Also ran some ice through the screen to clean out stuck debris.
- All standard monthly checks/maintenance/cleaning and producers were completed.
- Tested all emergency wash stations.
- Test ran portable generators.
- We picked up 2 of the 3 blowers that were out for repair.
- We replaced the PLC with one of the sand filters we had issues with in the past.
- We had a hose get a hole in it on one of the floating mixers, we patched the hole and ordered new hose for both floating mixers.

Water System:

- Cleaned well houses.
- All daily checks have been completed.
- Monthly and quarterly sampling completed.
- Tested all emergency wash stations.
- Started lead and copper sampling.

All operations and plant inspections have been performed by me or under my direct supervision. As always, if you have any questions concerning the above, please do not hesitate to contact me.

Submitted by,
Total Environmental Service Technologies, Inc.



Jon Stear
Certified Operator/Manager