



Monthly Informational Report June 2025

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Daily Plant Capacity (peak)—66 MGD

Storm Pumping Stations—3

Collection System Maintained—484.78 miles

Lift Stations—27

Precipitation Total: 4.85 inches*

*Total taken from daily average of five rain gauges

- * Service Area 11B: water main and sewer lines installation complete and restoration of those areas has begun, lower walls of lift station completed, begin 1 of 2 below-grade decks, force main installation on Wea continues.
- * HRT Facility: site work continues, electrical conduit installation continues, begin compacted aggregate pile.
- * 9th Street Culvert Repair: begin bank stabilization.
- * Approved by BOW:
 - ◆ Prairie Oaks Bypass: Contract and Notice to Proceed w/ SLB Pipe Solutions 6/24
- * Personnel attended Touch-A-Truck festival at Faith Christian Church.

Monthly Reports Submitted to the Indiana Department of Environmental Management (IDEM)
Report of Operation, Discharge Monitoring Report and Combined Sewer Overflow Report

Work Performed

- * Algae removed from primary and final clarifier weirs.
 - * Debris removed from aeration basins.
 - * Pressure washed the concrete at the aeration basins.
 - * An epoxy coating was applied to the floor at the chemical building.
 - * Continue to paint safety lines and trip hazards throughout the plant.
 - * Dropped and flushed grit removal tanks.
 - * Fine screen channels flushed and exercised the gates and cleaned conveyor of debris buildup.
 - * 360,000 gallons of digested sludge from storage tanks dewatered for land application program and personnel assisted with loading sludge trucks.
- Necessary ground maintenance for the treatment plant was performed, daily equipment rotations continue, as well as record keeping and proper sampling procedures required by our NPDES permit.

Operations

JUNE	2025	2024
Wastewater Treated (MG)	615.7	476.8
Average % Solids Removed	97.0%	97.4%
Biosolids Generated (MG)	1.66 MG	2.16 MG
BOD % Removed	91.9%	94.9%
Cubic Ft. of Methane Produced (Million cubic feet)	2.86 ft ³	3.44 ft ³
Phosphorus	81.0%	81.4%
Ammonia Overall Treatment	99.5%	97.9%

Laboratory

2,406 Tests Performed in March

- 527 Biochemical Oxygen Demand (BOD) tests on Plant, River, and Industrial samples
- 744 Total Suspended Solids and 480 Total Volatile Solids
- 127 pH tests on wastewater and sludges
- 180 Settleable solids were conducted on the mixed liquors
- 146 Plant and River samples for Ammonia
- 43 E.coli analysis on Plant and River samples
- 132 Total Solids and Volatile Solids tests on sludges
- 29 Industry and River samples for independent analysis
- 186 Phosphorous tests on Plant, River, and Ditch samples
- 169 Chlorine samples on plant effluent samples were checked
- Plant and river samples were tested for the following for additional NPDES permit requirements:
 - * 28 TKN (total kjeldahl nitrogen)
 - * 43 Nitrate
- 52 Waste hauler samples were collected and checked

Maintenance

Work Performed at Treatment Plant

- * In the digester building:
 - Rebuilt the 3A draft tube mixer on #3 digester tank.
 - Replaced the motor on 3B draft tube mixer on #3 digester.
 - Repaired the #2 boiler fire eye.
- * New chain installed in #3 primary for the cross collectors.
- * New cable for effluent sampler installed at contact tank.
- * Replace wye strainer on #5 ferric pump in thickener building.
- * Handle replaced on #4 aeration tank B pass bleeder valve.

Work Performed at Lift Stations

- * Preventative maintenance and grounds maintenance performed at all lift stations.
- * Installed eye wash station at Romney Road.
- * Debris removed from #2 pump at Waterstone.

Lafayette Renew Monthly Informational Report

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Stormwater

STORMWATER MONTHLY NUMBERS

JUNE	2025	2024		2025	2024
Catch Basin Calls	7	3	Erosion Control Inspections	39	48
Sweeper Calls	8	6	Catch Basin Repaired	6	7
Sweeper Debris Removal (tons)	134.2	156	Catch Basins Cleaned	197	271
Stormwater Calls	5	6	Ft. of Storm Sewer Jet Clean	118	0

Work Performed

- * Pre-construction meetings attended for erosion control measures.
- * Worked on Illicit Discharge Detection and Elimination (IDDE) program.
- * Maintenance performed on bio-swales at Veteran's Memorial Parkway (VMP), Maple Point Drive, and Concord Road, on rain gardens at the County Courthouse and on North Street, and on Jeff High School Storm Park.
- * Grounds maintenance performed at 21 City-owned properties.
- * Storm sewer preventative maintenance performed in the area of: Summerfield Dr. to S. Creasy Ln. and Teal Rd. to Maple Point Dr.
- * Install drywell in 300 block of s. 26th Street for Engineering Dept.
- * Storm line repairs in the 3200 block of Sherwood Drive.
- * Storm structure issues investigated in the 3800 block of SR 38 E.
- * Begin annual maintenance program on Brown Street pavers.
- * Repaired deck at the Jeff HS Storm Park.
- * Pre-con meeting with Milestone for storm sewer repairs at Union Street and Hedgewood Drive.
- * Illicit Discharge investigation at Foodliner Inc. on S. 30th Street.

Surveillance

Performed Surveillance

SIGNIFICANT: Kelly Construction, Cargill, and Tate North

GENERAL: none

Annual Industrial Pretreatment Inspections

SIA

GREASE TRAPS

Interior Inspection	7	Business Compliance Meeting	4
Exterior Inspection	50	Rough-in Inspection	2
Oil/Grit Separator Inspection	23	Under Slab Inspection	0
Plan Reviews	3	Final Inspection	2

Work Performed

- * Industrial meters read for billing purposes.
- * River sampling and creek & ditch sampling performed.
- * Durkees Overflow data downloaded for monthly report.
- * Site visit conducted at Lineage Logistics.
- * Sewer Air Testing Project with Purdue continues.
- * Residential and commercial sites were sampled for Local Limits Data.
- * Preventative maintenance performed on rain gauges.
- * Initial meeting with a new industry, Sustainea, to discuss permitting and utilities.

Biosolids Land Application Program

- ◆ Volute press (landfilled) - 213.96 dry tons
- ◆ The monthly Land Application of Biosolids report was submitted to IDEM.

Sewers

SEWER MONTHLY NUMBERS

JUNE	2025	2024		2025	2024
Backup Calls	25	16	Manhole Frames Raised	0	1
City Blockages	5	0	Ft. of Sewer Jet Cleaned	512	1,563
Sanitary Calls	0	9	Ft. of Sewer Jet Cleaned—PM	16,068	106,923
Odor Calls	0	0	Total Manholes Cleaned	83	438
Tap Inspections	29	45	Ft. of Sewer Televised	4,203	913
Sewer Locates	1,945	1,198	Ft. of Sewer Root Cut	2,041	693

Work Performed

- * Preventative maintenance performed throughout the City.
- * Inspected Combined Sewer Overflow Structures.
- * Manhole checks performed in the Prairie Oaks subdivision area.
- * Clean catch basin areas.
- * Televised sewer lines in preparation for street paving.
- * Investigated sinkhole in 300 block of Park Avenue.
- * Repaired vacuum hose for the jet truck.
- * Investigation at Tippecanoe Mall on S. Sagamore Pkwy. due to private sewer issues.
- * Televised and located laterals in private sewer line between Ferry and Main Streets for investigation purposes.