



Monthly Informational Report

August 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: 1.43 inches*

*Total taken from daily average of five rain gauges

* Service Area 11B: walls of lift station poured to grade continues.

* HRT Facility: begin excavation of main site.

* Prairie Oaks Bypass: pre-con meeting held

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 in-service aeration basins.
 - * Acid washed top floor of the boiler building and the floor of the thickener building.
 - * Painted pumps in the thickener building.
 - * Took five of the 70' final clarifiers offline and put three of the 90' clarifiers online.
 - * Fine screen channels flushed and exercised the gates and cleaned conveyor of debris buildup.
 - * 878,000 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

AUGUST	2025	2024
Wastewater Treated (MG)	514.4	494.1
Average % Solids Removed	97.4%	97.4%
Biosolids Generated (MG)	2.07 MG	2.36 MG
BOD % Removed	93.6%	93.4%
Cubic Ft. of Methane Produced (Million cubic feet)	2.31 ft ³	2.49 ft ³
Phosphorus	81.2%	77.0%
Ammonia Overall Treatment	97.4%	96.3%

Laboratory

2,338 Tests Performed in August

- 437 Biochemical Oxygen Demand (BOD) tests on Plant, River, and Industrial samples
- 759 Total Suspended Solids and 496 Total Volatile Solids
- 137 pH tests on wastewater and sludges
- 186 Settleable solids were conducted on the mixed liquors
- 155 Plant and River samples for Ammonia
- 43 E.coli analysis on Plant and River samples
- 138 Total Solids and Volatile Solids tests on sludges
- 27 Industry and River samples for independent analysis
- 185 Phosphorous tests on Plant, River, and Ditch samples
- 181 Chlorine samples on plant effluent samples were checked
- Plant and river samples were tested for the following for additional NPDES permit requirements:
 - * 23 TKN (total kjeldahl nitrogen)
 - * 22 Nitrate
- 45 Waste hauler samples were collected and checked
- Completed testing for Discharge Monitoring Report-Quality Assurance (DMRQA) Study 45.

Maintenance

Work Performed at Treatment Plant

- * In the fine screen room, replaced auger on #1 grit washer and replaced guard and roller bearing on #1 rotostrainer.
- * Bleach fill line replumbed at bleach building.
- * Replaced 4B recirculation pump in digester building.
- * Unplugged the #2 grit tank.
- * Replaced 6" discharge valve on #1 pump in the tunnel.

Work Performed at Lift Stations

- * Preventative maintenance and grounds maintenance performed at all lift stations.
- * Omni-site alarm system batteries replaced at all lift stations.
- * Replaced three adjustable frequency drives at Pearl River.
- * Gate wheel replaced at Ross Road.

Lafayette Renew

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Stormwater

STORMWATER MONTHLY NUMBERS

AUGUST	2025	2024		2025	2024
Catch Basin Calls	1	0	Erosion Control Inspections	39	50
Sweeper Calls	21	8	Catch Basin Repaired	4	3
Sweeper Debris Removal (tons)	104.9	153	Catch Basins Cleaned	188	124
Stormwater Calls	4	6	Ft. of Storm Sewer Jet Clean	0	107

Work Performed

- * Pre-construction meetings attended for erosion control measures.
- * Performed four Best Management Practice (BMP) Inspections in the City and worked on Illicit Discharge Detection and Elimination (IDDE) program.
- * Maintenance performed on bio-swailes 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: Duroc Ct. and Quarry Dr. to Commanche Trl. and Beck Ln. to Twyckenham Blvd.
- * Performed maintenance on Brown Street and North Street pavers.
- * Replace concrete washout at the WWTP.
- * Clean sediment traps at Vinton Woods ponds and Fairgrounds detention area.
- * Install catch basin at Pennypackers Mill Road and S. 9th Street.
- * Spray for weeds at road islands throughout south side of City.
- * Trim low hanging tree branches along sweeper routes.
- * Spray and pull weeds from Vinton Woods ponds.

Surveillance

Performed Surveillance

SIGNIFICANT: Nanshan and Arconic

GENERAL: KAG and Foodliner

Annual Industrial Pretreatment Inspections

Primient and KAG

GREASE TRAPS

Interior Inspection	14	Business Compliance Meeting	1
Exterior Inspection	70	Rough-in Inspection	0
Oil/Grit Separator Inspection	20	Under Slab Inspection	4
Plan Reviews	4	Final Inspection	2

Work Performed

- * Industrial meters read for billing purposes.
- * River sampling performed.
- * Durkees Overflow data downloaded for monthly report.
- * Site visit conducted at Sagamore Ready Mix Concrete, Landis & Gyr, and DANA.
- * Spoke with Tippecanoe Mall personnel about preventative maintenance on their lift station.
- * Prepared and performed sampling for required Priority Pollutant Monitoring for Renew’s NPDES Permit.
- * Personnel assisted with Battleground Intermediate School’s River Wrats rafting trip on the Wabash River.

Biosolids Land Application Program

- ◆ Volute press (landfilled): 264.38 dry tons
- ◆ The monthly Land Application of Biosolids report was submitted to IDEM.

Sewers

SEWER MONTHLY NUMBERS

AUGUST	2025	2024		2025	2024
Backup Calls	4	11	Manhole Frames Raised	1	1
City Blockages	0	0	Ft. of Sewer Jet Cleaned	8,353	251
Sanitary Calls	4	5	Ft. of Sewer Jet Cleaned—PM	7,508	21,153
Odor Calls	2	0	Total Manholes Cleaned	37	78
Tap Inspections	16	21	Ft. of Sewer Televised	70	372
Sewer Locates	1,595	1,057	Ft. of Sewer Root Cut	0	251

Work Performed

- * Preventative maintenance performed on City sewers throughout the City using jet truck, TV van, and SL-Rat (Sewer Line Rapid Assessment Tool).
- * Inspected Combined Sewer Overflow Structures.
- * Manhole checks performed in the Prairie Oaks subdivision area.
- * Clean catch basin areas.
- * S. 9th Street system verification for proposed work.
- * Dye test City sewer on Cincinnati Street between N. 9th Street and N. 10th Street for investigatory reasons.
- * Remove weeds from CSO areas.