



Monthly Informational Report September 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: 1.62 inches*

*Total taken from daily average of five rain gauges

- * Approved by BOW:
 - 2025 Smoke Testing: Contract with Wessler 9/2
 - Sewer Rehab 2025: Contract with Wessler 9/2
 - Sanitary I/I Field Study: Contract Amendment #2 with Wessler 9/2
 - Durkees Pond Drainage Investigation: Contract with BFS 9/2
- * Service Area 11B: walls of lift station poured to grade completed; another phase of water installation begins; force main installation completed.
- * HRT Facility: excavation continues; tie-backs installation begins.
- * 2025 Smoke Testing: testing begins on east side of City

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.
- * Painted piping in tunnels and trip hazard areas throughout the plant.
- * Dropped one of the primary clarifiers for inspection and repair.
- * 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

SEPTEMBER	2025	2024
Wastewater Treated (MG)	455.6	456.3
Average % Solids Removed	97.4%	97.8%
Biosolids Generated (MG)	1.99 MG	2.70 MG
BOD % Removed	94.8%	95.2%
Cubic Ft. of Methane Produced (Million cubic feet)	2.37 ft ³	2.84 ft ³
Phosphorus	79.8%	81.8%
Ammonia Overall Treatment	99.8%	98.5%

Laboratory

2,357 Tests Performed in September

- 539 Biochemical Oxygen Demand (BOD) tests on Plant, River, and Industrial samples
- 715 Total Suspended Solids and 480 Total Volatile Solids
- 129 pH tests on wastewater and sludges
- 180 Settleable solids were conducted on the mixed liquors
- 170 Plant and River samples for Ammonia
- 43 E.coli analysis on Plant and River samples
- 124 Total Solids and Volatile Solids tests on sludges
- 40 Industry and River samples for independent analysis
- 175 Phosphorous tests on Plant, River, and Ditch samples
- 170 Chlorine samples on plant effluent samples were checked
- Plant and river samples were tested for the following for additional NPDES permit requirements:
 - * 11 TKN (total kjeldahl nitrogen)
 - * 14 Nitrate
- 47 Waste hauler samples were collected and checked

Maintenance

Work Performed at Treatment Plant

- * Repaired #1 primary tank and repaired runner plate for #3 primary.
- * Replaced hoses on #7 ferric pump in thickener building.
- * In fine screen room: replaced PLC for fine screen conveyor; repaired #1 grit washer; replaced valve on hose; and repaired polymer pump for volute press.
- * Debris from #5 primary pump check valve removed in the tunnel.
- * Installed the repaired 1A recirculation pump in digester building.
- * #7 final tank slide gate stem replaced.
- * New wire was run for #7 final tank drive motor.
- * New loading platform installed for sludge loading station.
- * Replaced motor on HVAC unit #2 in the Lab.

Work Performed at Lift Stations

- * Preventative maintenance and grounds maintenance performed at all lift stations.
- * Tubing replaced for chemical feed at Romney Road.
- * Removed debris from #1 check valve at Raineybrook.
- * #1 pump for Prairie Oaks replaced.

Lafayette Renew

Monthly Informational Report

September 2025

Stormwater

STORMWATER MONTHLY NUMBERS

SEPTEMBER	2025	2024		2025	2024
Catch Basin Calls	5	3	Erosion Control Inspections	35	82
Sweeper Calls	6	8	Catch Basin Repaired	2	2
Sweeper Debris Removal (tons)	136.9	134	Catch Basins Cleaned	752	166
Stormwater Calls	2	3	Ft. of Storm Sewer Jet Clean	0	0

Work Performed

- * Pre-construction meetings attended for erosion control measures.
- * Performed 18 City Best Management Practice (BMP) Inspections.
- * Maintenance performed on bio-swaales 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 22 City-owned properties.
- * Storm sewer preventative maintenance performed in the 15 areas around Beck Lane to Ortman Lane and Old 231 to SR 38 E.
- * Performed maintenance on Brown Street and North Street pavers.
- * Clean concrete drainage swales in subdivision throughout the City.
- * Remove logs and debris from storm pipe under railroad tracks across from WWTP.
- * Roadside stabilization performed at S. 4th Street and Thise Court.
- * Assisted Sewers with old force main repair and cleanup in Rolling Hills SD.
- * Sprayed for honeysuckle throughout the City.
- * Trimmed low hanging tree branches along street sweeper routes.

Surveillance

Performed Surveillance

SIGNIFICANT: Cargill, Tate North, Rea Magnet, and DANA

GENERAL: none

Annual Industrial Pretreatment Inspections

Southwire and DANA

GREASE TRAPS

Interior Inspection	22	Business Compliance Meeting	0
Exterior Inspection	61	Rough-in Inspection	4
Oil/Grit Separator Inspection	66	Under Slab Inspection	0
Plan Reviews	3	Final Inspection	3

Work Performed

- * Industrial meters read for billing purposes.
- * River sampling and creek and ditch sampling performed.
- * Durkees Overflow data downloaded for monthly report.
- * Site visit and dye test for investigative purposes performed at EIS Machine.
- * Dental inspection conducted at Sun Gate Dental Office.

Biosolids Land Application Program

- ◆ Volute press (landfilled): 207.10 dry tons
- ◆ The monthly Land Application of Biosolids report was submitted to IDEM.
- ◆ Soil sampling performed on fields permitted through our Land Application program.

Sewers

SEWER MONTHLY NUMBERS

SEPTEMBER	2025	2024		2025	2024
Backup Calls	11	5	Manhole Frames Raised	1	1
City Blockages	1	0	Ft. of Sewer Jet Cleaned	692	2,277
Sanitary Calls	11	0	Ft. of Sewer Jet Cleaned—PM	15,036	21,153
Odor Calls	2	3	Total Manholes Cleaned	68	78
Tap Inspections	26	27	Ft. of Sewer Televised	4,304	2,627
Sewer Locates	1,565	1,148	Ft. of Sewer Root Cut	565	0

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.
- * Assist locating force main near VMP and SR 26 E.
- * Televised 9th Street from Elliott Street to South Street for upcoming project.
- * Manhole ring and lid replaced near Beck Lane and Sequoya Drive.
- * Cleaned out manhole & repaired old force main in Rolling Hills SD.
- * Assisted Facilities with televising sewers lines for City Hall.