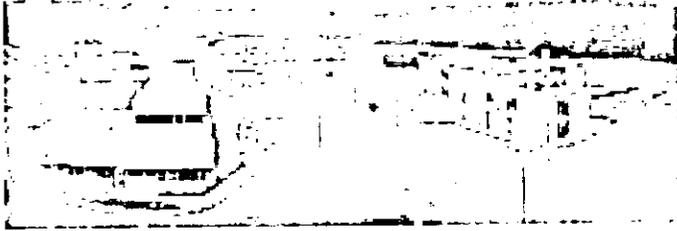


Water Pollution Control Department Monthly Informational Report February 2012



Maintenance

The following is a list of items performed for February:

Treatment Plant

- Plant and lift station preventative maintenance
- Replaced bulbs and ballast on pole lights and new eye wash stations in the plant
- Repaired blue dumpster
- Cleaned contact tank and also replaced worm gear operator on the trough
- Installed a new line on the before bi-sulfite sample pump
- Replaced the boiler tubes on the #2 boiler and repaired all drip pots on the gas system in the boiler house
- Replaced digital readout on the primary influent sampler
- Installed mixer in the thickened sludge pit at the thickener building
- Cleaned the supernate line in the tunnel
- Repaired the 1F plug valve and water line on 1A recirculation pump
- Replaced the operator on the #3 storage tank short slip tube

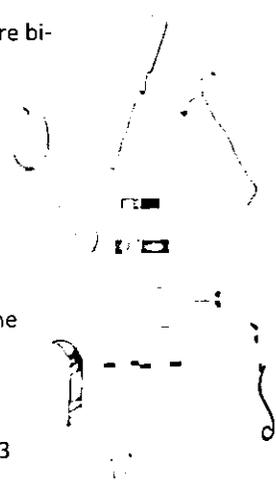
Lift Stations

- Replaced the controller at Rainey Brook
- Replaced the generator battery at 550
- Installed rebuilt #2 pump at Prairie Oaks

The following is a list of analyses performed in February:

Laboratory

- 279 Biochemical Oxygen Demand (BOD) tests were run this month, which included Plant, River and Industrial samples
- 912 Total Suspended Solids and Total Volatile Solids tests were also completed this month
- 178 pH tests were run including the Influent and Effluent plant flow, digester samples, raw sludge and transported sludge
- 174 Settable solids and 60 respiration rate tests were run on the mixed liquor
- 72 Plant and River samples were tested for Ammonia
- 10 Ecoli analysis were performed
- 240 Total Solids and Volatile Solids tests were run on the Raw Sludge, Digester samples, Transported Sludge and Storage Tank samples
- 8 Alkalinity and 8 Volatile Acid tests were performed
- 65 samples were prepared for independent analysis
- 51 Waste hauler samples were collected and checked
- 22 Ecoli tests were run on samples collected by the Stormwater Department



February	2012	2011
Wastewater Treated (MG)	483.38	530.2
Average % Solids Removed	97.0%	976.4%
Biosolids Generated (MG)	1.7 MG	1.8 MG
BOD's % Removed	96.8%	96.4%
Biosolids Applied to Sites (MG)	0	0
Average % Solids of Biosolids Applied	0	0
Cubic Ft. of Methane Produced (Million cubic feet)	2.4 ft ³	2.6 ft ³
Ammonia Overall Treatment	99.4%	99.2%

Daily equipment rotations continue. Our record keeping and proper sampling procedures required by our NPDES permit continue. The following items were also completed by the Operations Department in February:

- Assisted in dropping and cleaning the chlorine contact tank
- Painted equipment and piping in tunnel "A" of the headworks building
- Painted sludge lines, sump pump lines and doors in the boiler house
- Painted the electrical bases at the secondary office electrical room
- Dewatered our digested sludge storage tanks in preparation for our land application program.

The Operations Department continues to run a very efficient process well within our NPDES permit limits.

The Operations Department submitted the following monthly reports to the Indiana Department of Environmental Management: Report of Operation, Discharge Monitoring Report and Combined Sewer Overflow Report.

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The following is a list of items performed for February:

- Made catch basin risers
- Set up pump and hoses for and cleaned contact tank
- Repair snow plow and salt boxes
- Plowed snow in Area 8 and Area 11
- Inspected manhole bladders
- Sewer repair at 1103 King Street
- Cleaned struvite from supernate line in tunnel
- Vac'd Golf Course lift station wet well
- Installed lateral at 50 Orchard Place and at the Zoo's education building



MONTHLY NUMBERS		
<u>FEBRUARY</u>	<u>2012</u>	<u>2011</u>
Backup Calls	11	36
City Blockages	0	5
Sanitary Calls	6	20
Odor Calls	5	2
Tap Inspections	35	4
Sewer Locates	631	255
Manhole Frames Raised	0	0
Manholes Repaired	0	0
Ft. of Sanitary Sewer Repaired	3	0
Ft. of Sewer Jetted	1,556	3,506
Ft. of Sewer Televised	1,441	1,130



Storm Sewers

The following list of items performed for February:

- Kohl Court storm sewer investigation
- Erosion control inspections at various construction sites
- Orchard Heights Phase I Drainage project continues
- Dye tested businesses along Earl Avenue
- Responded to miscellaneous residential drainage calls
- Investigated illicit discharges to Elliott Ditch
- Rain barrel distribution project
- 350 South drainage pipe repair was completed
- Greenwich storm sewer lining was completed

MONTHLY NUMBERS		
<u>FEBRUARY</u>	<u>2012</u>	<u>2011</u>
Catch Basin Calls	20	0
Ft. of Storm Sewer Repaired	0	0
Storm Manholes Raised	2	—



Surveillance was performed at the following Significant Industrial Contributors: Tate & Lyle Ingredients Americas, Inc. (South), Ice Cream Specialties, Wabash National, Rea Magnet Wire, Fairfield Manufacturing, TRW and Subaru of Indiana Automotive. We completed an annual industrial inspection at Wabash National.

The surveillance area inspected 60 interior grease traps, 40 exterior grease traps and 53 oil and grit separators.

The following reports were submitted to the Indiana Department of Environmental Management: Land Application of Biosolids Report for January and our annual 503 report to the Environmental Protection Agency.

- Troubleshoot rain gauge problems at McCallister Center
- Renewed permit for Godlove Waste Hauling
- Researched sewer blockage due to grease
- Began Illicit Discharge Detection and Elimination sampling on Elliott Ditch
- Industrial user permit for Transport Service's Industrial renewed by the Board of Public Works and Safety
- Continued pH monitoring of industrial discharge
- Performed quarterly river sampling
- Continued creek and ditch sampling

Surveillance

Daily Plant Capacity—52 MGD	Storm Pumping Stations—2
Collection System Maintained—454 miles	Lift Stations—26