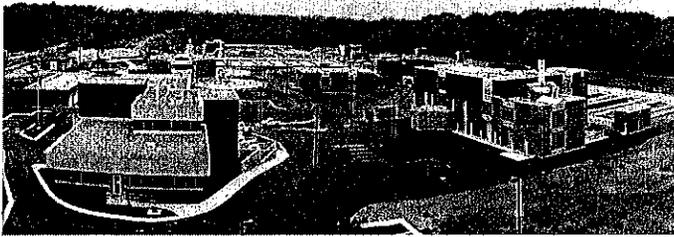


Water Pollution Control Department Monthly Informational Report March 2012



The following is a list of analyses performed in March:

- 411 Biochemical Oxygen Demand (BOD) tests were run this month, which included Plant, River and Industrial samples
- 1094 Total Suspended Solids and Total Volatile Solids tests were also completed this month
- 194 pH tests were run including the Influent and Effluent plant flow, digester samples, raw sludge and transported sludge
- 186 Settable solids and 78 respiration rate tests were run on the mixed liquor
- 91 Plant and River samples were tested for Ammonia
- 8 Ecoli analysis were performed
- 264 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
- 30 samples were prepared for independent analysis
- 60 Waste hauler samples were collected and checked
- 34 Ecoli tests were run on samples collected by the Stormwater Department

Laboratory

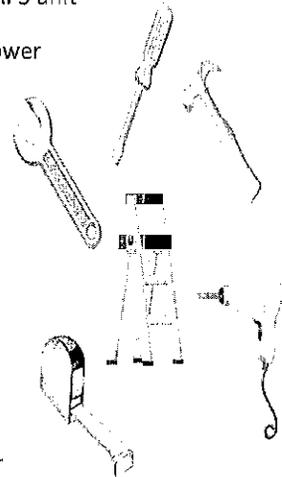


Maintenance

The following is a list of items performed for March:

Treatment Plant

- Plant and lift station preventative maintenance
- Removed the hot water heater and re-plumbed the water in the bleach building for the ZAPS unit
- Replaced the motor and one power line on the #8 final tank
- Installed a new analyzer in the bleach building



Lift Stations

- Replaced the #1 and #2 check valve at Raineybrook
- Checked the level of the grinder bases and installed a hand rail at Pearl River
- Cleaned McCarty Lane wet well
- Removed debris from all three pumps at Prairie Oaks

March	2012	2011
Wastewater Treated (MG)	495.3	630.1
Average % Solids Removed	97.0%	95.4%
Biosolids Generated (MG)	1.8 MG	1.7 MG
BOD's % Removed	96.4%	95.0%
Biosolids Applied to Sites (MG)	1.4	0
Average % Solids of Biosolids Applied	5.21	0
Cubic Ft. of Methane Produced (Million cubic feet)	2.8 ft ³	2.3 ft ³
Ammonia Overall Treatment	99.3%	98.2%

Operations

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.

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 March:

- 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.

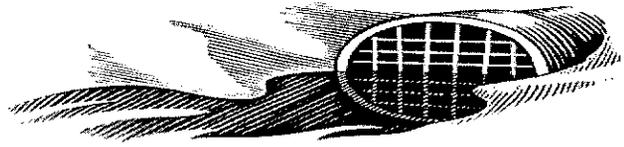
The following is a list of items performed for March:

- Cleaned catch basin areas
- Cleaned wet well at McCarty Lane lift station
- Installed laterals at the new zoo building
- Hauled scrap metal to junkyard
- Dye tested N 3rd Street buildings
- Cleaned and removed salt boxes from trucks
- Poured sidewalk at 400 Sawmill Road and landscaped
- Sewer repair at 10 N Earl Avenue
- Landscaped 50 Orchard Place and 3923 Orchard Court S
- Started preventative maintenance



MONTHLY NUMBERS

<u>MARCH</u>	<u>2012</u>	<u>2011</u>
Backup Calls	9	16
City Blockages	0	3
Sanitary Calls	4	4
Odor Calls	0	1
Tap Inspections	67	24
Sewer Locates	789	619
Manhole Frames Raised	5	4
Manholes Repaired	0	5
Ft. of Sanitary Sewer Repaired	0	1
Ft. of Sewer Jetted	3,200	7,383
Ft. of Sewer Televised	493	3,143



Stormwater

The following list of items performed for March:

- Catch basin preventative maintenance
- Conducted rain barrel program information meeting
- Repaired drainage sinkhole in grass off Veterans Memorial Parkway
- Took over erosion control inspection from County for Hawthorne Gardens and Hawthorne Villas
- Orchard Heights storm sewer installation
- Removed debris from Durkees Ditch storm pipe
- Responded to miscellaneous drainage calls

MONTHLY NUMBERS

<u>MARCH</u>	<u>2012</u>	<u>2011</u>
Catch Basin Calls	15	18
Ft. of Storm Sewer Repaired	0	14
Storm Manholes Raised	1	—



Surveillance was performed at the following Significant Industrial Contributors: Apollos Water, Industrial Plating and Lafayette Instrument. Surveillance was performed at the following General Industrial Contributors: Transport Services, Carry Transit and Lafayette Sani-Wash.

We completed an annual industrial inspection at Tate & Lyle North, Industrial Plating and TRW.

The surveillance area inspected 40 interior grease traps, 57 exterior grease traps and 18 oil and grit separators.

The following reports were submitted to the Indiana Department of Environmental Management: Land Application of Biosolids Report for February and our Annual Pretreatment Report.

- Researched source of medical waste in our lift station
- Ditch clean-up from Chauncey Apartment's pool recoating
- IDDE ditch sampling continues
- Monthly river sampling was performed
- Dye testing was performed on water-only accounts
- Industrial pH monitoring continues
- Dye testing performed on Earl Avenue sewer for potential connections

Surveillance

Daily Plant Capacity—52 MGD

Storm Pumping Stations—2

Collection System Maintained—454 miles

Lift Stations—26