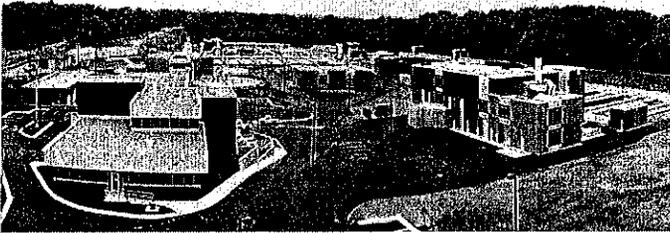


Water Pollution Control Department Monthly Informational Report May 2012

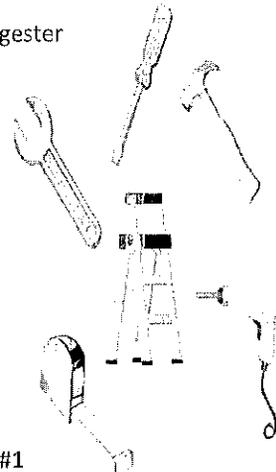


Maintenance

The following is a list of items performed for May:

Treatment Plant

- Located glycol leak on the #4 digester heater loop
- Replaced the #2 gas booster motor and the breaker on 1A recirculation pump in the digester building
- Replaced the #2 grit pump valve in the fine screen room
- Replaced the impellor on #15 return activated sludge (RAS) pump for #7 final tank
- Took gas pressure regulator off #4 digester
- Replaced the grit tank valve on #1 grit tank
- Installed repaired boiler stack on #2 boiler
- Performed plant preventative maintenance



Lift Stations

- Installed new sump pump on 40 & 8
- Cleaned wet well at Pearl River
- Replaced the #1 pump at Twyckenham
- Performed preventative maintenance

The following is a list of analyses performed in May:

Laboratory



- 416 Biochemical Oxygen Demand (BOD) tests were run this month, which included Plant, River and Industrial samples
- 1020 Total Suspended Solids and Total Volatile Solids tests were also completed this month
- 182 pH tests were run including the Influent and Effluent plant flow, digester samples, raw sludge and transported sludge
- 182 Settable solids and 74 respiration rate tests were run on the mixed liquor
- 73 Plant and River samples were tested for Ammonia
- 70 Ecoli analysis were performed
- 127 Chlorine/Bisulfite tests were performed
- 247 Total Solids and Volatile Solids tests were run on the Raw Sludge, Digester samples, Transported Sludge and Storage Tank samples
- 3 Alkalinity and 3 Volatile Acid tests were performed
- 49 samples were prepared for independent analysis
- 63 Waste hauler samples were collected and checked
- 12 Conductivity tests were completed

May	2012	2011
Wastewater Treated (MG)	478.1	755.6
Average % Solids Removed	95.6%	96.5%
Biosolids Generated (MG)	2.1 MG	2.0 MG
BOD's % Removed	94.8%	95.5%
Biosolids Applied to Sites (MG)	6.56 MG	4.72 MG
Average % Solids of Biosolids Applied	3.42%	4.1%
Cubic Ft. of Methane Produced (Million cubic feet)	2.5 ft ³	2.3 ft ³
Ammonia Overall Treatment	98.6%	98.4%

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 May:

- Took #4 digester offline for cleaning and repair
- Dropped and cleaned six of our 70 foot clarifiers and both of our grit removal tanks
- Performing ground maintenance such as mowing, weed whipping and weed sprayed entire fence line
- Pressure washed the fine screenings room and equipment
- Assisting in loading sludge trucks for our land application program

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

MAY 26 10:05 AM '12
 FILED
 CITY OF INDIANAPOLIS

The following is a list of items performed for May:

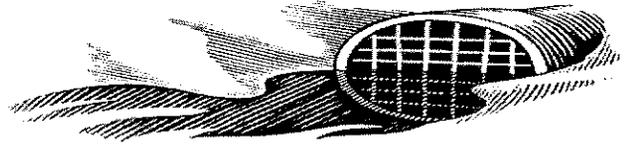
- Raised weir height in Salem Street regulator
- Cleaned catch basin areas
- Worked on parking lot addition for the plant
- Jetted lines in tunnel at the plant
- Moved stop logs to Pearl River
- Loaded sludge trucks
- Worked on Spring/Fall hot list
- Performed preventative maintenance



Sewers

MONTHLY NUMBERS

<u>MAY</u>	<u>2012</u>	<u>2011</u>
Backup Calls	14	20
City Blockages	0	1
Sanitary Calls	12	5
Odor Calls	3	2
Tap Inspections	29	19
Sewer Locates	954	771
Manhole Frames Raised	4	4
Manholes Repaired	0	0
Ft. of Sanitary Sewer Repaired	3	23
Ft. of Sewer Jetted	19,600	13,131
Ft. of Sewer Televised	18,619	4,018



Stormwater

The following list of items performed for May:

- SWPPP inspections at City departments
- Erosion control inspections
- Worked on street sweeper documentation procedures
- Attended annual Municipal Separate Storm Sewer Conference
- Cleaned up ditch at Sickle Court
- The rain barrel program continues
- Storm sewer preventative maintenance
- Raised storm manholes
- Poland Hill excavation work—drainage issue
- Storm sewer repair at 300 South
- Union Street storm sewer investigation
- New bottom in storm sewer at 614 Ortman Lane

MONTHLY NUMBERS

<u>MAY</u>	<u>2012</u>	<u>2011</u>
Catch Basin Calls	10	35
Ft. of Storm Sewer Repaired	18	0
Storm Manholes Raised	19	—

Surveillance was performed at the following Significant Industrial Contributors: Subaru of Indiana Automotive, Tate & Lyle South, Apollos Water, Caterpillar and Ice Cream Specialties. Surveillance was performed at the following General Industrial Contributors: Coleman Cable

The surveillance area inspected 35 interior grease traps, 48 exterior grease traps and 24 oil and grit separators.

The following reports were submitted to the Indiana Department of Environmental Management: Land Application of Biosolids Report and WET test results for April.

- Conducted the Stormwater Pollution Prevention Program (SWPPP) inspections of City departments
- Follow-up inspections and meetings were conducted with City departments regarding the initial SWPPP inspections
- Whole Effluent Toxicity (WET) test was completed and passed
- Followed up on odor complaints in the area of Fairfield Court and Concord Road
- Sewer call follow-up and dye test were conducted on Broadway Street
- Completed Industrial pH monitoring
- IDDE 0 follow-up and sampling
- River sampling was performed

Surveillance

Daily Plant Capacity—52 MGD

Storm Pumping Stations—2

Collection System Maintained—454 miles

Lift Stations—26