

Wastewater Department

225 S Mardale Drive
Brownsburg, IN. 46112

March 2012 – June 2012 Report

Respectfully Submitted June 22nd by:
Kathy Dillon, Superintendent

Summary

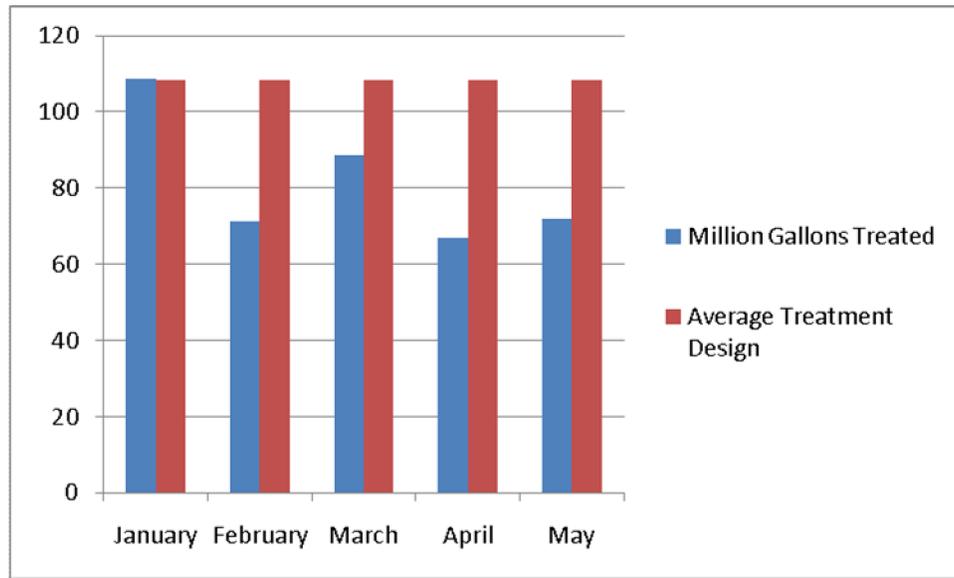
The Wastewater Department has been focusing this past spring & will continue to focus on the preventative maintenance associated with the collection system. The unusual dry weather and expertise on our team has assisted us in the televising of 12.4 miles of sewers over the past few months.

Current Projects and Goals

■ Treatment Plant

- Master Treatment Plant Expansion Plan Updates
 - ◆ There have been two meetings with the engineers to discuss the possible options available for both the sewer system and treatment plant master plans. These discussions have included representatives from the department including the superintendent, assistant field supervisor, and operators. The team has a combined experience of over 70 years of experience providing input and reviewing the various options. The next step is to visit facilities such that the team can see the equipment being proposed in action and speak with colleagues regarding the ease of operation and maintenance of the equipment.
- Professional Growth
 - ◆ Wastewater Certifications – There were several certifications obtained in April & May. Specifically, Andy Brock obtained his Wastewater Operator Class I & Class A certifications, Pat Duncan obtained his Class A certification, Shawn Pabst obtained his Collection System Operator Class III certification, Rick Keeton & Danny Stogsdill Jr. obtained Pipe Assessment, Lateral Assessment, & Manhole Assessment Program Certifications.
 - ◆ Safety Training – The department recognizes the importance of performing our tasks in a safe manner for our health, for our co-workers health, and the safety of the public. Several representatives attended “The safe use of a jet/vacuum truck” workshop in June. This was quite exciting due to the fact that this type of out-side training can be difficult to find. A department safety review was completed indicating possible tripping hazards on walkways. Several uneven/broken sections of sidewalks at the treatment plant were replaced to eliminate potential accidents. The work was completed in-house to keep the costs to a minimum.

- Overall Treatment – The chart below indicates the total million gallons that were processed from January through May. Brownsburg has combined sewers so precipitation does cause fluctuations in treatment plant flows.



- NPDES Permit Renewal – A draft NPDES permit for the water plant No. 2 backwash discharge was received and reviewed by staff. The final permit is anticipated to be received during July.
- Collection System (Sewers & Lift Stations)
- Twin Street Odor Control Project – The project continues to move forward; however, did have a delay due to an unexpected back order of the electrical control panels. The project is quickly nearing completion and has been put into temporary operation.



- Sewer Cleaning/Improvements/Televising
 - ◆ Cleaning/Televising – The high priority area for sewer cleaning and televising has been the Lake Ridge subdivision, Eagle Point business area, and the Sugar Bush area. The jet/vacuum truck that does our sewer cleaning has been out-of-service for some much needed major repairs. The truck repairs were finished in June. With a long list of sewers needing cleaned, it will take the majority of July and August to get back on schedule.
- Combined Sewer Overflow Storage Facility – There was 1 overflow from the CSO tank which occurred on May 1st as the result of a 1.93” rain event. With the storage facility in operation, 1,000,000 gallons of sewage are prevented from entering the waterway.
- Root Treatment – During the month of June, 5010 feet of sewers were treated for excessive root growth. There are several sewer lines that are treated every 2 years for root control. Roots can grow to the point of blocking sewers causing overflows of sewage into homes and roadways. The regular maintenance of our sewer system helps to minimize the chances of backups. Residents can also help maintain their laterals by having their lines maintained on a regular basis. Those laterals composed of clay tiles often have more issues with roots and blockages.