

# SUPERINTENDENT'S MONTHLY OPERATING REPORT WATER & WASTEWATER TREATMENT OCTOBER 2009

## **Wastewater Treatment Plant**

In addition to their routine duties, our Operators performed the following tasks:

- \*The doors were painted at the WWTP.
- \*Whole Effluent Toxicity (WET) testing was conducted on the WWTP effluent as per NPDES requirements. Failure of the Daphnia test required resampling of the WWTP effluent.
- \*Generator maintenance was performed by W.W. Williams on the both the stationary and portable generator.
- \*The battery was replaced by WWT personnel after it was recommended by W. W. Williams.
- \*A power outage was responded to at lift stations 7 and 8 on the 3<sup>rd</sup>.
- \*Fuses failed at lift station 2 as a result of the power problems on the 3<sup>rd</sup>.
- \*Pumps at lift station #3 were pulled and clothing removed from them. The impellers on the pumps are in poor condition. Replacement of the impeller will be performed in the near future.
- \*Scrap steel was taken to Fair's Salvage.

## **Water Treatment Plant**

In addition to their routine duties, our Operators performed the following tasks:

- \*Construction of Well #9 continued, a test well was approved and drilled. The casing and screen have been installed and we are waiting for the MDEQ approval to continue.
- \*Power failure at well #5 required Consumer's power to repair the incoming lines. Two of phases failed on the incoming power. This caused the ActPak monitor to fail. It has been sent in for repair. This happen prior to the item below.
- \*Well #5 tested positive for total coliform bacterial and as a result was shut down. It is believed that the result was likely from the proximity of the drilling of well #9. The public was never in any danger of a contaminated water supply.
- \*Sampling for TTHM and HAA5 for the Stage 2 Disinfectant Byproduct rule was conducted.
- \*Maintenance was performed on the WTP generator.
- \*Lag pump time relay failed at the WTP resulting in several alarms calls.
- \*1,4-Dioxane was sampled from all the wells and plant tap.
- \*A water costumer was assisted at 406 Wheaton to help determine if the cause of her son's hives was from the chlorine in the water.

## **Landfill**

In addition to their routine duties, our Operators performed the following tasks:

- \*Semi-annual sampling was completed at the landfill. This required 2 persons 4 days to complete.
- \*Soil gas monitoring was completed. This required a day to complete.
- \*An attempt was made by WWT and DPW to have a backhoe dig around the broken landfill vents. Due to the large amount of rain this fall, it proved impossible. A large hole near one of the monitoring wells was filled for safety purposes.

### **Administrative Functions**

During the month, the following administrative tasks were performed:

- \*The annual biosolids report was submitted to the MDEQ.
- \* A tour of both the WWTP and WTP were given to Mr. Jamie Winkler's advanced biology class from Clare High School.
- \*Cross connection and other inspections were continued.
- \*The bacterial sampling site plan was begun to be updated.

\* This is a Consent Agenda item and is considered as routine by the City Commission. As such, this matter shall be automatically enacted by one motion with all other Consent Agenda items unless a Commissioner or citizen requests this item be individually discussed, in which event it shall be removed from the Consent Agenda and considered and acted upon in its designated sequence on the approved Agenda of the Clare City Commission.