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## EXECUTIVE SUMMARY

The following points are presented as an overall summary of water and wastewater utility department activities and events that occurred during the month of December, 2012:

- Achieved all water and wastewater sampling and monitoring standards.
- Working with city's departments to assist with planning and inspections of all current construction projects impacting the city's utilities.
- Working closely with both GAI and Brande's Design on current construction projects.
- Working with contractor's on the CDBG water line replacement project.
- Brandes completed transfer of flow to the Cardinal Hill WWTF. All flow to the Mt. Olive WWTF has been terminated. Have begun adjustment of Cardinal Hill WWTF to handle new flow loadings.
- Completed company's monthly safety requirements.
- Completed final tie-in of new water mains for the CDBG project.
- Have started removing items from Mt. Olive WWTF that might be useful in the future.
- Have started compiling a list of items needing to be addressed by contractors.
- Had 8 inch main on well #2 at Jacob WTP blow apart.

## 1. OPERATIONS AND MAINTENANCE ACTIVITIES

- Completed monthly compliance sampling.
- Odom contracting fixed 8 inch main at Jacob WTP.
- Repaired chlorine line at Jacob WTP.
- Continuing to attend monthly progress meetings for both construction projects currently ongoing.
- The four liftstations scheduled for repair as part of project have had new pumps and panels installed.
- Installed repaired SCADA control box into liftstation #4
- Worked with contractor on night time influent tie-in for new headworks at Cardinal Hill.
- Cleared clogged sewer main lateral on Damascus Ave.
- Completed final sewer main tie-in at the Mt. Olive WWTF.



Working on liftstation rehabilitation.



New force main connection at Voyles Loop.



Before and after pictures of all the dirt blown into the tennis courts from the main break at Jacob WTP.

## 1.1 MISCELLANEOUS JOB ORDER COMPLETIONS

- 126 wastewater lift station checks.
- 38 lift station repairs and maintenance items completed.
- 51 sewer line repairs; and maintenance items completed.
- 89 water line and hydrant repairs, and maintenance items.
- 2200 monthly meter readings.
- 37 locates
- 162 work orders completed.
- 14 Call outs from answering service.

## 1.2 WATER SYSTEM FLOW INFORMATION

| Month         | Water Treatment Plant Flow, MGD |           |           |
|---------------|---------------------------------|-----------|-----------|
|               | Monthly Total                   | Daily Max | Daily Ave |
| November 2012 | 11.947                          | 0.835     | 0.398     |
| December 2012 | 10.888                          | 0.433     | 0.351     |
| January 2013  | 11.098                          | 0.586     | 0.358     |

## 2. PLANNED FEBRUARY MONTHLY ACTIVITIES

- Continue working on improving the failed reading issues during meter reading. Working with master meter to improve ability to troubleshoot possible bad meters.
- Assisting with critical issues involved with both current construction projects. Will assist with tie-ins, bypasses, and bringing new systems online with as minimal an impact as possible.
- Continue work on city's valve exercising, and hydrant flushing programs.
- CDBG water line replacement project should wrap up by month's end.
- Begin wrap up of wastewater project.



Influent tie-in for the new headworks.



Final sewer main tie-in at Mt. Olive WWTF.



Water main break at Jacob WTP.



Leak testing of new EQ tank at Cardinal Hill.