

## **ADEQ Monthly Status Update**

### **Gulpha Basin Items**

4/13/15

- **Modify Grinder Alert device for use as a level monitor within M.H. #1750:**  
CHS staff completed installation of a device to monitor manhole level.
- **Complete the Post Rehab Flow Monitoring and the current Manhole Rehab Project Phase III & IV:**  
The RJN proposal to complete the next phase of flow monitoring was unanimously approved by the Board of Directors at the 3/3/15 meeting. RJN has installed the (33ea) flow meters and (10ea) rain gauges and we are now collecting this vital data.
- **Complete a visual inspection of the wastewater pipeline and manholes to determine deficiencies that may be contributing to overflows:**  
The visual inspection of associated piping and manholes has been completed. The manholes and gravity main from MH#1701 thru MH#1751 have been inspected. Also several of the interceptors we inspected with no defects found. The gravity main appears to be in good condition with no apparent structural defects. MH#1705 and MH#1736 were found with missing lids. The lids were immediately replaced. (Refer to attached maps for location(s)).
- **Perform visual inspection of the manhole and pump station:**  
The creek crossing, manhole and pump station inspection(s) have been completed. The engineering report on the creek crossing is attached to this note. The inspection of Gulpha Pump station revealed a partially blocked main entering the wetwell. The original non-mechanical barscreen was observed to be partially blocked. Both blockages were cleared. The barscreen slats have been removed to ensure no further blockage and to allow for a more direct flow to the wetwell. The wetwell for the backup pump system has been cleaned. Complete cleaning of the station's main wetwell is currently out for bid. It is anticipated that this work will be performed in late Spring 2015.  
**Creek Crossing Item:**  
The creek crossing was inspected by City staff during recent low creek flow conditions. It was noted that two (2) 16" drain lines traverse under the structure from the upstream to downstream side. City Stormwater staff will be clearing the drains to allow unimpeded flow from the upstream side to the downstream side.  
It was also noted that seepage is occurring under the structure which may tend to affect the stability of the pipe over time. Once the drain pipes are cleared the amount and effects of seepage will be reevaluated.