

ADEQ Monthly Status Update

Gulpha Basin Items

3/13/15

- **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 will now begin to prepare to implement the installation of the (33ea) flow monitors and the (10ea) rain gauges to gather data. Future monthly updates will provide status on this effort.
- **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.

We would also like to note that we spoke with Harry Elliott on (3/3/15) to ensure he is kept aware of our plan and progress to date. We will continue to meet with Mr. Elliott, as appropriate, to ensure he is fully informed of our plan and overall goals related to eliminating overflows. All part of our plan as we work to comply with our CAO mandate(s).



4004

4131

1701

1702

1703

1704

1705

1706

PERSIMMON DR

SOUTHVIEW DR



1706

1707

1708

1709

1710

STACY ST

GUY ST

GUY HAWTHORN LN







WASPERS HILLS ST

QUAL CREEK RD

KANTARWOOD PL

4841

4842

1719

1720

1721

1722

1723

4846

4847

1724

1725

10693

10694

1111

2330

10695

4848

4849

10696

4850

4851





1731

1732

1733

1734

1735

ELIAS ST

JOYCE ST

FRAN ST

STAZA ST

FRANK ST







1745

1746

1747

1748

1749

1750

1751

1752

4912

4915

4914

4916

4917

4918

8550

EXIT 9 WB OFF RAMP

EXIT 9 EB ON RAMP

EXIT 9 WB ON RAMP

EXIT 9 EB OFF RAMP

MALVERN RD

ESSEX PARK PL

WESTERN RD

WEST MALVERN RAMP

ESSEX PARK WAY

230

231



2944

10910

4850

10696

4851

10909

4852

4855

4854

4853

11533

11532

10921

10922

1727

10920

1727

10919

10918

1727

10917

10916

10914

10915

DUAL CREEK RD

RAVENWOOD PL

