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SANITARY SEWER FLOW CAPACITY STUDY – Summary Review

Prepared For:

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Project Name: Westwood Project- Downstream Sanitary Sewer Flow Monitoring

Flow Monitoring Period: October 9, 2014 to November 6, 2014

Rain Events (> 0.5-inches) Monitored: October 17, 2014 (0.74)

Number of Monitoring Nodes: Five (3) downstream manholes

Node Locations and Descriptions:

- NODE 1 4180 Sheridan Dr. (36")
- NODE 2 Chestnut Ridge (60")

Summary Conclusion:

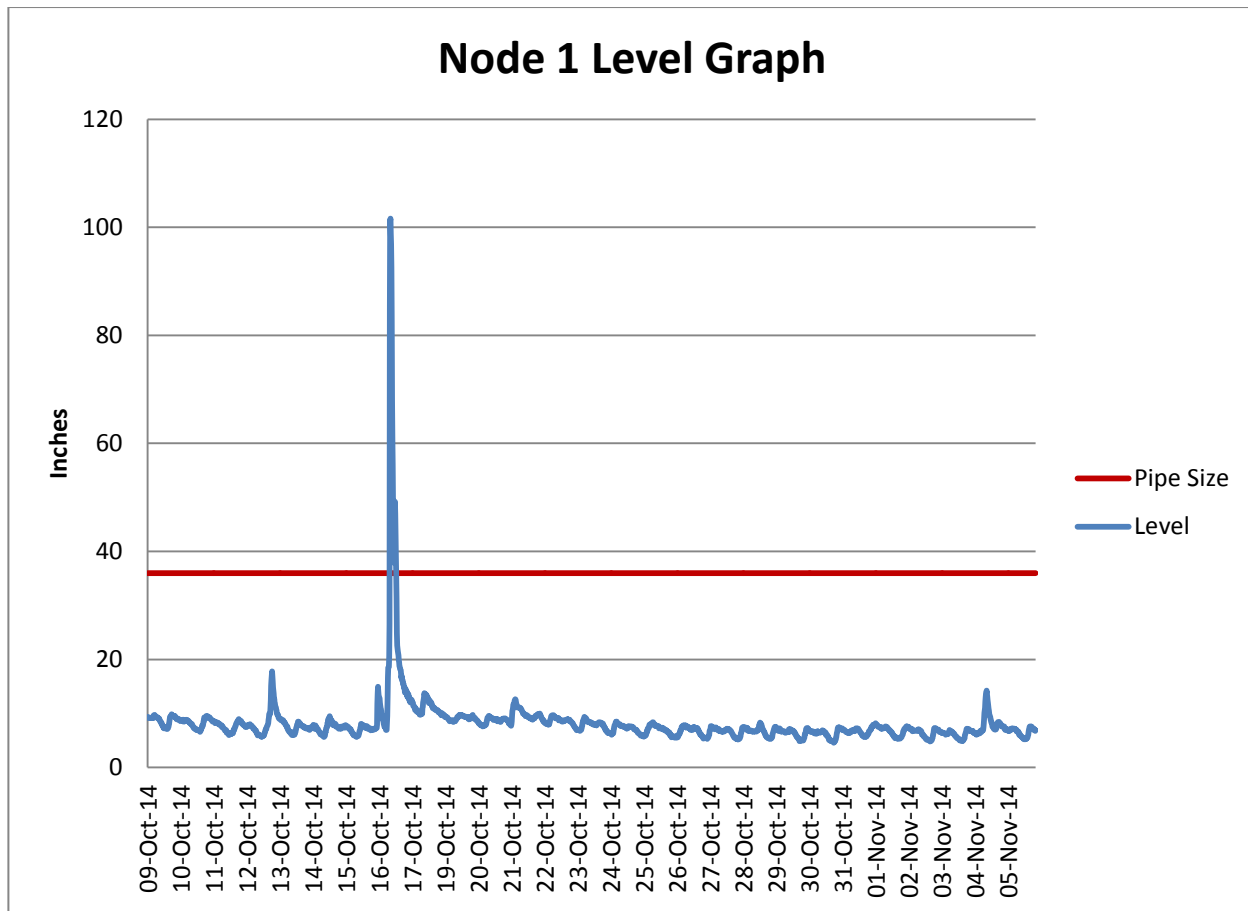
Based on the data presented in this report, specifically the flow depth measurements recorded (see graphs below):

- One time did the flow depth exceed pipe diameter at any of the downstream monitoring points during the rain events monitored.
- At no time during the monitoring period did the flow at any point slow or stall which would have caused a backup or flooding at the manhole.

Depth of Flow Capacity Summary:

Depth of flow capacity is based on diameter of pipe. See graphs below.

- One time during the monitoring period did depth of flow exceed pipe diameter at NODE 1.



- One time during the monitoring period did depth of flow exceed pipe diameter at NODE 2.

