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Water and Wastewater Treatment
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Greatrock North W & S District
Monthly Activities
September 21st – October 26th

9/21/15: Regular checks and readings. Ran the RO to check for flow fluctuation. None were observed. Completed a water service line inspection at: 16290 Queensview St. Completed a locate at: 31455 E 162nd Ave.

9/23/15: Regular checks and readings. Completed a locate at: 28285 E 163rd Pl.

9/25/15: Regular checks and readings. Clean in place the RO and installed new prefilters.

9/28/15: Regular checks and readings. Completed a locate at 29850 E 167th Pl.

9/30/15: Regular checks and readings.

10/2/15: Regular checks and readings. Completed a water service line re-inspection at: 16290 Queensview St.

10/5/15: Regular checks and readings.

10/7/15: Regular checks and readings. Completed a locate at 16520 Umpire St. Earl, with Worth Hydro Chem, and Jeff Rabas onsite to evaluate the RO filters.

10/9/15: Regular checks and readings. Checked the fluid levels on all generators. Checked the phones at all well houses. The phone at Rocking Horse Farms was not working. Tried to close the RO high pressure bypass line valve due to continued large fluctuations in flow rate from 152gpm to 175gpm. Completed a locate at: 16520 Umpire St.

10/12/15: Regular checks and readings.

10/14/15: Regular checks and readings. Collected and delivered monthly samples and total hardness and TDS samples. Completed a water service line inspection at: 31310 E 164th Ave.

10/16/15: Regular checks and readings. Completed a locate at 31485 E 162nd Ave.

10/19/15: Regular checks and readings.

10/21/15: Regular checks and readings.

10/23/15: Regular checks and readings.

10/26/15: Regular checks and readings. Collected and delivered concentration pond samples. Cleaned the chlorine injector.

Operations Maintenance issues:

Status of valve box inserts and markers project – *still in progress*

September 21st – October 26th

RO Run Time Hrs	248.0 hrs
RO Concentrate Flow – 1 pond (North)	491,040 gallons

9/9/15

Monthly Testing	TDS(mg/L)	Calcium (mg/L)	Magnesium (mg/L)	Total Hardness(mg/L)
BE	470	46.9	8.6	152.6
RHF	471	50.8	9.1	164.3
GRN	495	48.7	8.9	158.4

10/14/15

Monthly Testing	TDS(mg/L)	Calcium (mg/L)	Magnesium (mg/L)	Total Hardness(mg/L)
BE	414	41.3	7.5	134.1
RHF	406	36.1	6.6	117.2
GRN	385	36.8	6.5	118.7