

RULE 4.3. MONITORING REQUIREMENTS CHECKLIST

_____ Monitoring equipment as reasonably required installed

Two Proline Promag W 500 Modbus RS485 meters

_____ Wells capable for use as monitoring well

(Any GCD equipment will need to meet project design specifications to comply with equipment warranties and protocols)

_____ Well equipment has capability to measure water level and cumulative discharge rates.

Meters and sounders installed in wells measure water level and flow rates. Pumping data is reported data to centralized SCADA system continuously and water level readings are recorded in the unit and retrieved monthly. Data are reported to historian on an hourly basis.

_____ Monitoring equipment consists of transducer, a sonic water level, or equivalent technology capable of measuring within an accuracy of 0.1 ft and recording data at hourly intervals.

Well Watch 700 acoustic transducers measure water level within 0.1 ft while recording data at hourly intervals. PWPB2 is having a sounding tube installed for acoustic meter to function properly.

_____ Monitoring equipment consists of inline totalizing meter satisfying Rules 11.2.2, 11.2.3, 11.2.4 ft and recording data at hourly intervals.

Proline Promag W 500 Modbus RS485 meter as specified by POSGCD rules. Data is recorded in SCADA and downloaded via historian into spreadsheet format. Network security does not allow external communication connection to SCADA system and download is via USB authorized download.

_____ Equipment and wells are available for GCD inspection upon 7 day notice.

Facility is available for inspection upon notice.

_____ Monitoring data will be reported to the GCD electronically on a monthly basis using approved format.

The submission will be emailed to the GCD with a hyperlink to the data. Well monitoring data has been submitted to RW Harden for QA/QC and electronic submission to POSGCD.

_____ Statement that data has been checked using QA/QC protocols.

Statement documenting QA/QC protocols will be signed by P.E. or P.G. and submitted to GCD.

_____ Submission of data will be completed in a timely manner and by the 15th day of the following month.

Monthly data submittals have been submitted to POSGCD.

_____ Monitoring data is collected in at least 4-hour interval for each well.

SCADA historian is programmed to record monitoring data on an hourly interval.

_____ Wells allow access to collect water samples at well location.

Water sampling locations are located at each well site.