

Valley Energy Facility

Thursday, June 28, 2018

KAAM Rep-Bryan Resendez



KAAM GROUP

Instrument	Pre Value	Post Value	Calibration Result	Service Notes
SP-1 pH	9.66	9.66	Pass	Cleaned, inspected and calibrated unit. Verified unit operation using certified pH standards. Recorded pre and post values.
SP-1 Cond	9.46	12.58	Pass	Cleaned, inspected and calibrated unit. Verified unit operation using certified Conductivity standard. Recorded pre and post values.
SP-2 pH	9.68	10.07	Pass	Cleaned, inspected and calibrated unit. Verified unit operation using certified pH standards. Recorded pre and post values.
SP-2 Cond	11.45	13.79	Pass	Cleaned, inspected and calibrated unit. Verified unit operation using certified Conductivity standard. Recorded pre and post values.
SP-3 pH	9.64	9.70	Pass	Cleaned, inspected and calibrated unit. Verified unit operation using certified pH standards. Recorded pre and post values.
SP-3 Cond	8.24	10.97	Pass	Cleaned, inspected and calibrated unit. Verified unit operation using certified Conductivity standard. Recorded pre and post values.
SP-4 pH	9.73	9.63	Pass	Cleaned, inspected and calibrated unit. Verified unit operation using certified pH standards. Recorded pre and post values.
SP-4 Cond	8.14	9.25	Pass	Cleaned, inspected and calibrated unit. Verified unit operation using certified Conductivity standard. Recorded pre and post values.
SP-7 pH	9.41	9.40	Pass	Cleaned, inspected and calibrated unit. Verified unit operation using certified pH standards. Recorded pre and post values.

Instrument	Pre Value	Post Value	Calibration Result	Service Notes
SP-7 Cond	4.61	4.74	Pass	Cleaned, inspected and calibrated unit. Verified unit operation using certified Conductivity standard. Recorded pre and post values.
SP-8 Ph	9.37	9.38	Pass	Cleaned, inspected and calibrated unit. Verified unit operation using certified pH standards. Recorded pre and post values.
SP-8 Cond	4.90	5.19	Pass	Cleaned, inspected and calibrated unit. Verified unit operation using certified Conductivity standard. Recorded pre and post values.
SP-11 Cond	0.05	0.08	Pass	Cleaned, inspected and calibrated unit. Verified unit operation using certified Conductivity standard. Recorded pre and post values.
SP-12 Ph	9.48	9.65	Pass	Cleaned, inspected and calibrated unit. Verified unit operation using certified pH standards. Recorded pre and post values.
SP-12 Cond	9.81	13.61	Pass	Cleaned, inspected and calibrated unit. Verified unit operation using certified Conductivity standard. Recorded pre and post values.
SP-13 pH	9.48	9.57	Pass	Cleaned, inspected and calibrated unit. Verified unit operation using certified pH standards. Recorded pre and post values.
SP-13 Cond	5.26	8.24	Pass	Cleaned, inspected and calibrated unit. Verified unit operation using certified Conductivity standard. Recorded pre and post values.
SP-14/15 Cond	0.048	0.048	Pass	Cleaned, inspected and calibrated unit. Verified unit operation using certified Conductivity standard. Recorded pre and post values.
SP-16 Cond	0.156	0.194	Pass	Cleaned, inspected and calibrated unit. Verified unit operation using certified Conductivity standard. Recorded pre and post values.

Instrument	Pre Value	Post Value	Calibration Result	Service Notes
HACH Silica Analyzer	X	X	X	Inspected. Could not calibrate; no molybdate reagent 3.
SWAN Sodium Analyzer	0.01ppb	0.01ppb	X	Replaced DIPPA and KCL. Did not calibrate; no calibration standard available. Missing eye level sodium standard 1000ppb.
DO (Optical)	20ppb	16ppb	X	Cleaned and inspected probe.
<b>Water Treatment Area</b>				
Instrument	Pre Value	Post Value	Calibration Result	Service Notes
RO Skid pH	10.6	10.6	Sample Off	Cleaned, inspected and calibrated unit. Verified unit operation using certified pH standards. Recorded pre and post values.
HACH Silica Analyzer	X	X	X	Inspected analyzer for repairs. Will have to order parts and complete rebuild service in the next visit.