



Verification	Originator	Approved	Issued
Initials	SC	ST	ST
Date	09/26/2014	12/15/2014	12/15/2014

Title: COFL-GTL-ED-4.5.1-3 Monitoring Measurement Calibration Log

Equipment Calibration Log					
Location of Equipment	Equipment Name	Brand Name or Make	Model or Serial #	Calibration Frequency (Last Performed)	Calibration Responsibility
Aspects Affected: Wastewater Discharge, Stormwater Management, Electricity Consumption					
1. Injection well 1	Flow meter	Nusonics	CM 800	Annual (12/22/15)	Instrument Technician
2. Injection well 2	Flow meter	Nusonics	CM 800	Annual (12/22/15)	Instrument Technician
3. Injection well 3	Flow meter	Nusonics	CM 800	Annual (12/22/15)	Instrument Technician
4. Injection well 4	Flow meter	Nusonics	CM 800	Annual (12/22/15)	Instrument Technician



Equipment Calibration Log

Location of Equipment	Equipment Name	Brand Name or Make	Model or Serial #	Calibration Frequency (Last Performed)	Calibration Responsibility
5. Injection well 5	Flow meter	Nusonics	CM 800	Annual (12/22/15)	Instrument Technician
6. Pre-treatment	East influent flow meter	Rosemount	Serial# 1501408	Annual (12/22/15)	Instrument Technician
7. Pre-treatment	West influent flow meter	Rosemount	Serial#2252621	Annual (12/22/15)	Instrument Technician
8. Effluent wet well east	GTLP_LIRX6600 influent wet well level probe	Endress & Hauser	FMU 231 serial # IRD1667	Annual (new, will be performed next annual calibration)	Instrument Technician
9. Effluent wet well west	GTLP_LIRX6601 Influent wet well level probe	Endress & Hauser	FMU 231 serial #ZED1065	Annual (new, will be performed next annual calibration)	Instrument Technician
Aspects Affected: Chlorine Management					
10. Chlorine cylinder room	Chlorine detector	Siemens	Acutec 35	weekly checks (see plant log)	Regional Chief Wastewater Operator
11. Chlorine cylinder room	Chlorine detector	Siemens	Acutec 35	weekly checks (see plant log)	Regional Chief Wastewater Operator



Equipment Calibration Log

Location of Equipment	Equipment Name	Brand Name or Make	Model or Serial #	Calibration Frequency (Last Performed)	Calibration Responsibility
12. Chlorine cylinder room	Chlorine detector	Siemens	Acutec 35	weekly checks (see plant log)	Regional Chief Wastewater Operator
13. Chlorine cylinder room	Chlorine detector	Siemens	Acutec 35	weekly checks (see plant log)	Regional Chief Wastewater Operator
14. Chlorine evaporator chlorinator room	Chlorine detector	Siemens	Acutec 35	weekly checks (see plant log)	Regional Chief Wastewater Operator
15. Chlorine evaporator chlorinator room	Chlorine detector	Siemens	Acutec 35	weekly checks (see plant log)	Regional Chief Wastewater Operator
16. Basement SPS-3	Chlorine detector	Siemens	Acutec 35	weekly checks (see plant log)	Regional Chief Wastewater Operator
17. Basement SPS-3	Chlorine detector	Siemens	Acutec 35	weekly checks (see plant log)	Regional Chief Wastewater Operator
18. West side chlorine bldg.	Emergency chlorine scrubber system	U.S. Filter	n/a	Caustic sampling quarterly (see plant log)	Regional Chief Wastewater Operator



Equipment Calibration Log

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19. West side chlorine bldg.	Emergency chlorine scrubber system	U.S. Filter	n/a	Internal visual annually (7/2016)	Chief Mechanic
Aspects Affected: Liquid Oxygen Storage					
20. Lox plant storage tank-A	Pressure gauge	Rosemount	n/a	Annual (new, will be performed next annual calibration)	Instrument Technician
21. Lox plant storage tank-B	Pressure gauge	Rosemount	n/a	Annual (new, will be performed next annual calibration)	Instrument Technician
22. Lox plant storage tank-C	Pressure gauge	Rosemount	n/a	Annual (new, will be performed next annual calibration)	Instrument Technician
23. Lox plant storage tank-A	Level sensor	Rosemount	n/a	Annual (new, will be performed next annual calibration)	Instrument Technician
24. Lox plant storage tank-B	Level sensor	Rosemount	n/a	Annual (new, will be performed next annual calibration)	Instrument Technician
25. Lox plant storage tank-C	Level sensor	Rosemount	n/a	Annual (new, will be performed next annual calibration)	Instrument Technician



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Location of Equipment	Equipment Name	Brand Name or Make	Model or Serial #	Calibration Frequency (Last Performed)	Calibration Responsibility
26.					
27.					
28.					
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31.					
32.					



Equipment Calibration Log

Location of Equipment	Equipment Name	Brand Name or Make	Model or Serial #	Calibration Frequency (Last Performed)	Calibration Responsibility
33.					
34.					
35.					
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37.					
38.					
39.					



Equipment Calibration Log					
Location of Equipment	Equipment Name	Brand Name or Make	Model or Serial #	Calibration Frequency (Last Performed)	Calibration Responsibility
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44.					
45.					
46.					



Equipment Calibration Log					
Location of Equipment	Equipment Name	Brand Name or Make	Model or Serial #	Calibration Frequency (Last Performed)	Calibration Responsibility
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48.					
49.					
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51.					
52.					
53.					



Equipment Calibration Log

Location of Equipment	Equipment Name	Brand Name or Make	Model or Serial #	Calibration Frequency (Last Performed)	Calibration Responsibility
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55.					
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59.					
60.					



Equipment Calibration Log

Location of Equipment	Equipment Name	Brand Name or Make	Model or Serial #	Calibration Frequency (Last Performed)	Calibration Responsibility
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62.					
63.					
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65.					
66.					
67.					



Equipment Calibration Log					
Location of Equipment	Equipment Name	Brand Name or Make	Model or Serial #	Calibration Frequency (Last Performed)	Calibration Responsibility
68.					
69.					
70.					
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72.					
73.					
74.					



Equipment Calibration Log

Location of Equipment	Equipment Name	Brand Name or Make	Model or Serial #	Calibration Frequency (Last Performed)	Calibration Responsibility
75.					
76.					
77.					
78.					
79.					
80.					