



Method/Parameter				Technician	MMDDYY	24 HH:MM								Acceptance Criteria	
DEP SOP FT 1400 Temperature				Initials	Date	Time	Previous CV	Bath Type	NIST Thermometer		Meter		± 0.5 °C		
									S/N		Temp °C	Temp °C			
CAL	ICV	CCV	MAINT	7-16-20										Pass	Fail
DEP SOP FT 1500 Dissolved Oxygen				Initials	Date	Time	Baro in Hg	Water Temp °C	Saturation mg/L	Meter				± 0.3 mg/l	
										Baro in Hg	DO mg/L	% DO	Temp °C		
CAL	ICV	CCV	MAINT	tm	12.7.20	08:49	29.94	18.2	9.44	29.96	9.34	99.00	18.07	Pass	Fail
CAL	ICV	CCV	MAINT	tm	12.7.20	16:39	29.92	18.4	9.38	29.94	9.26	99.01	18.52	Pass	Fail
CAL	ICV	CCV	MAINT											Pass	Fail
CAL	ICV	CCV	MAINT											Pass	Fail
CAL	ICV	CCV	MAINT											Pass	Fail
DEP SOP FT 1200 Specific Conductance				Initials	Date	Time	Standard			Meter			± 5%		
							µmhos/cm	Expiration	ID	Temp °C	µmhos/cm				
CAL	ICV	CCV	MAINT	tm	12.7.20	08:59	146.9	03.21		INV200683	20.09	141.77		Pass	Fail
CAL	ICV	CCV	MAINT	tm	12.7.20	16:44	50000	06.21		INV190620	19.91	49029		Pass	Fail
CAL	ICV	CCV	MAINT											Pass	Fail
CAL	ICV	CCV	MAINT											Pass	Fail
CAL	ICV	CCV	MAINT											Pass	Fail
DEP SOP FT 1100 pH				Initials	Date	Time	Standard			Meter			± 0.2 SU		
							SU	Expiration	ID	pH mV	SU				
CAL	ICV	CCV	MAINT	tm	12.7.20	09:15	7.00	06.22		INV200557	-17.6	7.05		Pass	Fail
CAL	ICV	CCV	MAINT	tm	12.7.20	09:21	4.00	tm 06.22	03.22	INV200556	157.8	4.06		Pass	Fail
CAL	ICV	CCV	MAINT	tm	12.7.20	16:47	10.00	06.22		INV200558	-195.0	10.01		Pass	Fail
CAL	ICV	CCV	MAINT											Pass	Fail
CAL	ICV	CCV	MAINT											Pass	Fail
CAL	ICV	CCV	MAINT											Pass	Fail
CAL	ICV	CCV	MAINT											Pass	Fail
DEP SOP FT 1000 ORP				Initials	Date	Time	Standard			Meter			± 20 mV		
							mV	Expiration	ID	Temp °C	mV				
CAL	ICV	CCV	MAINT											Pass	Fail
CAL	ICV	CCV	MAINT											Pass	Fail
CAL	ICV	CCV	MAINT											Pass	Fail
CAL	ICV	CCV	MAINT											Pass	Fail
CAL	ICV	CCV	MAINT											Pass	Fail

Notes:

pH ELECTRODE SLOPES
 4-7 → $\frac{[(157.8\text{mV} - (-17.6\text{mV})) / 177.48\text{mV}]}{100} = 99\%$
 7-10 → $\frac{[(-195.0 - (-17.6)) / -177.48]}{100} = 100\%$