

Equipment Specifications

The following automated and manual instrument make and models are provided in the following manufacturers' specification sheets. Complete operational manuals are not provided but may be found at each manufacturer's website.

The locations where each of these instruments is used is as follows:

Parameter	Manufacturer (model)	Automated*	Measured at:
Specific conductance, temperature and water level	In-Situ (AquaTROLL100 and 200, LevelTROLL500)	Yes	Groundwater wells and Surface water stations (See Table I-1)
Specific conductance, temperature and level, DO, pH, ORP	YSI (556)	No	All sites during quarterly manual water quality collection
Turbidity	HFA (MicroTPW)	No	
Water level sensor	Geotech (Keck ETL)	No	
Peristaltic pump	Geotech (Series II)	No	
Micrometeorology	Vaisala (WXT520) Li-Cor (LI-190) Cambridge Scientific (CR1000 datalogger)	Yes	Center of CCS (TPGW-13)
Flowmeter	YSI/Sontek (SL500)	Yes	CCS per Monitoring Plan
Rain gauges	Hydrological Services Inc. (TB-3)	Yes	Stations as defined in Monitoring Plan (Appendix E)
Rainfall collectors	Isco (3-gal)	No	

* Automated data collection (data collected at 15-minute intervals)

Table I-1. Automated In-Situ probes deployed in the ground and surface water stations.

Station	Probes		
	AquaTROLL		LevelTROLL
	100	200	500
ALL GROUNDWATER STATIONS (42 stations)	1	0	1
SURFACE WATER STATIONS			
Surface Water-CCS			
TPSWCCS-1B	0	1	0
TPSWCCS-2B (co-located with TPGW-13)	0	1	0
TPSWCCS-3B	0	1	0
TPSWCCS-4T	0	1	0
TPSWCCS-4B	1	0	0
TPSWCCS-5T	0	1	0
TPSWCCS-5B	1	0	0
TPSWCCS-6T	0	1	0
TPSWCCS-6B	1	0	0
TPSWCCS-7B	0	1	0
TPSWCCS-8B (anomaly; non-instrumented)	NA	NA	NA
Surface Water-Canals			
TPSWC-1T	0	1	0
TPSWC-1B	1	0	0
TPSWC-2T	0	1	0
TPSWC-2B	1	0	0
TPSWC-3T	0	1	0
TPSWC-3B	1	0	0
TPSWC-4T	0	1	0
TPSWC-4B	1	0	0
TPSWC-5T	0	1	0
TPSWC-5B	1	0	0
TPSWC-6T (non-instrumented)	NA	NA	NA
TPSWC-6B (non-instrumented)	NA	NA	NA
Surface Water-B. Bay			
BBSW-1B (no telemetry)	1	0	0
BBSW-2B (no telemetry)	1	0	0
BBSW-3B	0	1	0
BBSW-4B (no telemetry)	1	0	0
BBSW-5B (no telemetry)	1	0	0
BBSW-10 (surface water stage at TPGW-10)	0	0	1
BBSW-14 (surface water stage at TPGW-14)	0	0	1
Surface water-ID			
TPSWID-1T	0	1	0
TPSWID-1B	1	0	0
TPSWID-2T	0	1	0
TPSWID-2B	1	0	0
TPSWID-3T	0	1	0
TPSWID-3B	1	0	0