ENVIRONMENTAL PROGRAM AT PRESIDIO OF SAN FRANCISCO
GROUND-WATER SAMPLING FIELD DATA SHEET

Log Book # 2
Page 1 of 1

Well ID. No.: 937GW15

Casing Diameter: 2 in.

Casing Stickup: 2.03 ft.

Total Well Depth: 14.63 ft.

Static Water Level: 8.09 ft.

Saturated Thickness: 6.54 ft.

Casing Volume: 1.1 gal.

Screened Interval: NA ft.

Purge Equipment
- ☐ Bennett Pump (Teflon Tubing)
- ☐ Isco Pump (Teflon Tubing)
- ☐ Standard Pump (PVC Tubing)
- ☐ Grundfos Pump (Neoprene Tubing)
- ☐ ~~Stainless~~ Bailer: O.D. PVC — Length
  - 1.65" ☒ — ☐ 2 ft.
  - 1.85" ☐ — ☒ 3 ft.
  - 3.75" ☐ — ☐ 4 ft.
  - ___ ☐ — ☐ ___ ft.

Serial No. NA

Sample Equipment
- ☒ Same as Purge
- ☐ Bennett Pump (Teflon Tubing)
- ☐ Isco Pump (Teflon Tubing)
- ☐ Standard Pump (PVC Tubing)
- ☐ Stainless Bailer: O.D. — Length
  - 1.65" ☒ — ☐ 2 ft.
  - 1.85" ☐ — ☐ 3 ft.
  - 3.75" ☐ — ☐ 4 ft.
  - ___ ☐ — ☐ ___ ft.

Serial No. NA

Analytical Equipment

pH Meter:
- ☐ Beckman phi 21
- ☐ Omega pH-65A
- ☐ Orion SA250
- ☒ Other ORION SA230

Serial No. 4938

Conductivity Meter:
- ☐ YSI Model 33
- ☒ Other ORION 122

Serial No. 9511077

Dissolved Oxygen Meter:
- ☐ YSI Model 51B
- ☒ ORION 820

Serial No. 980937

Temperature Meter:
- ☐ Beckman
- ☒ Other ORION SA230

Serial No. 4938

Filtration Equipment:
- ☒ Geotech Peristaltic Pump
- ☐ Geotech 0.45 micron filter

Water Level Meter:
Solinst RLSA # ☒ HLA # ___

Samplers Initials	Time	Date
GPP, PBS	1400	90275

Meter Calibration

pH 7.00 = 7.00 at 25 °C Time 0800

pH 10.00 = 10.00 at 29 °C Time 0804

Conductance Standard: 1000 umhos/cm at 25°C

Measured Value: ~~16~~ 1062 GPP90275 umhos/cm at 14.2 °C Time 0805

Calculated Conductivity = Measured Conductance ÷ (0.02) (measured conductance) (25°C - Actual Temp)):

1229.4 umhos/cm at 25°C 0805

Dissolved Oxygen cal .91 mg/l at 14.0 °C 0806

Titration Results (Acid Concentration: ☐ 0.16, ☒ 1.6)
start at 7.47

pH	7.0	5.1	4.8	4.5
#Clicks	73	381	387	390
Color	green	violet	violet	pink

Time	Number of Casing Volumes	Gallons Removed	°C	E.C. umhos/cm	pH	Dissolved O_2 mg/Liter	Pump Rate GPM	Approx Pump Depth ft.	Visual Description
1435	initial reading		20.5	1030	6.67	1.3	bail		very cloudy brown
1440	1	1.1	20.1	995	6.87	2.2	bail		cloudy grey
1443	2	2.2	20.3	1020	7.05	1.9	bail		slightly cloudy grey
1446	3	3.3	19.9	1026	7.01	1.9	bail		slightly cloudy grey
1450	4	4.4	19.3	1032	7.04	1.9	bail		very slightly cloudy - ~~clear~~ colorless GPP9027
1455	5	5.5	19.5	1035	7.11	1.7	bail		very slightly cloudy - colorless
1500	sampled full suite								

GPP 90275

ANALYSIS REQUESTED	VOC	SVOC	ICP METALS	Hg	GFAA	Cn	TPH
	X	X	X	X	X	X	X

HS Comments:

HSO Signature:

Sample Depth: ~~(cm)~~ 12'

Protective Level: D (C) B modified

Condition of Well, Remarks: good

Sampler Signature: Gregory P Padlik

GPM41