

**COOK ENVIRONMENTAL SERVICES
MONITORING WELL SAMPLING LOG**

Site Name: Alameda Gas

Job # 1035

Date: 5/16/2012

Sampler: T. Cook

Well ID: MW-1

Well Diameter 2"

Column 14.34

Well Depth 18.00

Depth to Water 3.66

Casing Volume 2.4
(2" well = col height * 0.17 gal/ft, 4" well = 0.66 gal/ft)

3 Casing Volumes 7.3

Purge Method: bailer

Sample Method bailer

Time	Gallons Purged	Temp C	pH	SC (uS)	TDS (mg/L)	DO (mg/L)	Purge Comments
3:06	3	19.1	6.36	419		2.80	HC odor
	5	19.0	6.40	420		2.72	
	7	18.7	6.50	417		2.96	

Comments: Sample

Gauge/Sample Order:

COOK ENVIRONMENTAL SERVICES MONITORING WELL SAMPLING LOG

Site Name: Alameda Gas

Job # 1027

Date: 5/16/2012

Sampler: T. Cook

Well ID: MW-2

Well Diameter 2"

Column 14.04

Well Depth 18.00

Depth to Water 3.96

Casing Volume 2.38

3 Casing Volumes 7.2

(2" well = col height * 0.17 gal/ft, 4" well = 0.66 gal/ft)

Purge Method: bailer

Sample Method bailer

Time	Gallons Purged	Temp C	pH	SC (uS)	TDS (mg/L)	DO (mg/L)	Purge Comments
2:31	3	18.5	6.86	298		3.39	
	5	18.6	6.47	302		3.70	
	7	18.5	6.43	305		3.29	

Comments: Sample

Gauge/Sample Order:

COOK ENVIRONMENTAL SERVICES MONITORING WELL SAMPLING LOG

Site Name: Alameda Gas

Job # 1035

Date: 5/16/2012

Sampler: T. Cook

Well ID: MW-3

Well Diameter 2"

Column 17.31

Well Depth 20.00

Depth to Water 2.69

Casing Volume 2.94

3 Casing Volumes 8.8

(2" well = col height * 0.17 gal/ft, 4" well = 0.66 gal/ft)

Purge Method: bailer

Sample Method bailer

Time	Gallons Purged	Temp C	pH	SC (uS)	TDS (mg/L)	DO (mg/L)	Purge Comments
2:09	4	19.0	6.26	552		3.39	HC odor
	6	18.7	6.32	556		3.32	
	8	18.5	6.34	534		3.30	

Comments: Sample

Gauge/Sample Order:

COOK ENVIRONMENTAL SERVICES MONITORING WELL SAMPLING LOG

Site Name: Alameda Gas

Job # 1035

Date: 5/16/2012

Sampler: T. Cook

Well ID: MW-4

Well Diameter 3"
4"

Column 13.15

Well Depth 16.00

Depth to Water 2.85* *well under pressure when opened
water level still rising after 30 min*

Casing Volume 2.2
(2" well = col height * 0.17 gal/ft, 4" well = 0.66 gal/ft)

3 Casing Volumes 6.7

Purge Method: ~~pump~~
bailer

Sample Method bailer

Time	Gallons Purged	Temp C	pH	SC (uS)	TDS (mg/L)	DO (mg/L)	Purge Comments
<u>4:03</u>	<u>3</u>	<u>17.2</u>	<u>6.80</u>	<u>289</u>		<u>2.76</u>	<i>well dry after 3 gals wait for 50% recovery then sample</i>
	<u>5</u>						
	<u>7</u>						

Comments: Sample

Gauge/Sample Order:

COOK ENVIRONMENTAL SERVICES MONITORING WELL SAMPLING LOG

Site Name: Alameda Gas

Job # 1035

Date: 5/16/2012

Sampler: T. Cook

Well ID: MW-5

Well Diameter 4"

Column A.16

Well Depth 17.00

Depth to Water 2.89

Casing Volume 2.4

3 Casing Volumes 7.2

(2" well = col height * 0.17 gal/ft, 4" well = 0.66 gal/ft)

Purge Method: pump

Sample Method bailer

Time	Gallons Purged	Temp C	pH	SC (uS)	TDS (mg/L)	DO (mg/L)	Purge Comments
3:41	3	17.1	6.54	580		2.63	HC odor
	5	17.3	6.53	556		3.01	
	7	17.3	6.55	552		3.29	

Comments: Sample

Gauge/Sample Order: