MONITORING WELL FIELD PARAMETER DATA

SITE NAME: Oser Ave.
SITE NUMBER:
WELL ID: MW-31S
GAUGE DATE: 8-6-08
SOUNDING METHOD: Solinst Probe

WEATHER: Sunny, 85°
WELL CONDITION: Good
GAUGE TIME: 14:38
REFERENCE POINT: TOC
WELL DIAMETER (IN.): 2"

CALCULATION OF WELL VOLUME

		D.: Well Vol./Ft.: Well Diameter	Gallon/Ft.
A. Well Depth (ft.):	81.74	(2-in)	(0.16)
B. Depth to Water (ft.):	68.86	4-in.	0.65
C. Liquid Depth (ft.) [A-B]:	12.88	6-in.	1.47
D. Well Vol./Ft.(see table):	.16	8-in.	2.61
E. Well Volume (gal.) [C*D]:	2.06	12-in.	5.87
F. Three Well Vols [E*3]	10.30		

PURGING ACTIVITIES

Purge Method: Grundfos / Redi Flow Pump.
Purge Time: 21 min.
Purge Rate (gpm): .50 gpm.

Description of activity (i.e.- visual observation of water quality, did well pump dry)
Pre - Cloudy light brown
Mid - Cloudy light brown
Post - Cloudy light brown

WATER QUALITY PARAMETERS

	Time	pH	Conductivity	Temp	D.O.	ORP
Pre-Purge	2:48	5.38	0.264	21.29°C	4.14	74.8
Mid-Purge	3:05	4.26	0.277	24.67°C	4.30	74.6
Post-Purge	3:42	4.05	0.294	27.41°C	4.25	95.0

SAMPLING ACTIVITIES

Sampling Date: 8-6-08
Inventory of sample containers: 3 40 ML Vials w/HCL

Description of groundwater:
Comments & Observations: PID Ø

Name of sampler(s): R.B. + J.M.

MONITORING WELL FIELD PARAMETER DATA

SITE NAME: Oser Ave.
SITE NUMBER:
WELL ID: MW-~~8~~ 85
GAUGE DATE: 8-6-08
SOUNDING METHOD: Solinist Probe

WEATHER: Sunny, 85°
WELL CONDITION: Good
GAUGE TIME: 12:58
REFERENCE POINT: TOC
WELL DIAMETER (IN.): 2"

CALCULATION OF WELL VOLUME

A. Well Depth (ft.):	84.70
B. Depth to Water (ft.):	69.55
C. Liquid Depth (ft.) [A-B]:	15.15
D. Well Vol./Ft.(see table):	.16
E. Well Volume (gal.) [C*D]:	2.424
F. Three Well Vols [E*3]5	12.12

D.: Well Vol./Ft.: Well Diameter	Gallon/Ft.
(2-in.)	0.16
4-in.	0.65
6-in.	1.47
8-in.	2.61
12-in.	5.87

PURGING ACTIVITIES

Purge Method: Grunfos / Rediflow Pump.
Purge Time: 50 min.
Purge Rate (gpm): .25 gpm

Description of activity (i.e.- visual observation of water quality, did well pump dry)
Pre - Cloudy Light Brown
Mid - Clear
Post - Clear

WATER QUALITY PARAMETERS

	Time	pH	Conductivity	Temp	D.O.	ORP
Pre-Purge	1:57	5.51	0.126	19.91	6.93	50.3
Mid-Purge	2:10	4.24	0.182	19.89	6.66	110.4
Post-Purge	~~2:24~~	4.57	0.187	23.46	4.74	154.8

SAMPLING ACTIVITIES

Sampling Date: 8-6-08
Inventory of sample containers: 3 40 ML Vials W/HCL

Description of groundwater:
Comments & Observations: P.I.D Ø The O.R.P. numbers seemed high, I recalibrated and checked the Meter and the numbers were still high.

Name of sampler(s): R.B. + J.M.

MONITORING WELL FIELD PARAMETER DATA

SITE NAME: Oser Ave.
SITE NUMBER:
WELL ID: ITMW-125
GAUGE DATE: 8-6-08
SOUNDING METHOD: Solmist Probe

WEATHER: Cloudy, 80°
WELL CONDITION: Good
GAUGE TIME: 11:30 A.M.
REFERENCE POINT: TOC
WELL DIAMETER (IN.): 2"

CALCULATION OF WELL VOLUME

A. Well Depth (ft.):	80.27
B. Depth to Water (ft.):	62.60
C. Liquid Depth (ft.) [A-B]:	17.67
D. Well Vol./Ft.(see table):	.16
E. Well Volume (gal.) [C*D]:	2.82
F. Three Well Vols [E*3]:	14.13

D.: Well Vol./Ft.: Well Diameter	Gallon/Ft.
(2-in)	(0.16)
4-in.	0.65
6-in.	1.47
8-in.	2.61
12-in.	5.87

PURGING ACTIVITIES

Purge Method: Grundfus / Redi Flow Pump
Purge Time: 28 min.
Purge Rate (gpm): 1/2 gpm.

Description of activity (i.e.- visual observation of water quality, did well pump dry)
Pre - Cloudy light brown.
mid - Clear
Post - Clear

WATER QUALITY PARAMETERS

	Time	pH	Conductivity	Temp	D.O.	ORP
Pre-Purge	11:42	5.71	0.593	20.76°C	3.85	13.9
Mid-Purge	12:55	5.45	0.600	20.78°C	3.32	18.4
Post-Purge	12:	5.44	0.610	19.52°C	3.23	29.6

SAMPLING ACTIVITIES

Sampling Date: 8-6-08
Inventory of sample containers: 3 40 ML VOAs w/ HCL

Description of groundwater:
Comments & Observations: PID 0.0

Name of sampler(s): R.B. + J.M.

MONITORING WELL FIELD PARAMETER DATA

SITE NAME: Oser Ave.
SITE NUMBER:
WELL ID: P-1-30
GAUGE DATE: 8-7-08
SOUNDING METHOD: Solinst Probe

WEATHER: Overcast, 85°
WELL CONDITION: Good
GAUGE TIME: 15:00
REFERENCE POINT: TOC
WELL DIAMETER (IN.): 2"

CALCULATION OF WELL VOLUME

A. Well Depth (ft.):	95.00
B. Depth to Water (ft.):	68.09
C. Liquid Depth (ft.) [A-B]:	26.91
D. Well Vol./Ft.(see table):	.16
E. Well Volume (gal.) [C*D]:	4.30
F. Three Well Vols [E*3]	21.52

D.: Well Vol./Ft.: Well Diameter	Gallon/Ft.
(2-in.)	0.16
4-in.	0.65
6-in.	1.47
8-in.	2.61
12-in.	5.87

PURGING ACTIVITIES

Purge Method: Grundfos / Redi-flow pumps
Purge Time: 22 min.
Purge Rate (gpm): 1.0 gpm.

Description of activity (i.e.- visual observation of water quality, did well pump dry)
Pre- Brown
Mid- Clear
Post- Clear

WATER QUALITY PARAMETERS

	Time	pH	Conductivity	Temp	D.O.	ORP
Pre-Purge	3:25	3.70	0.345	19.05°C	3.78	171.8
Mid-Purge	3:35	3.74	0.326	19.36°C	3.71	164.9
Post-Purge	3:45	3.69	0.331	18.93°C	4.03	160.5

SAMPLING ACTIVITIES

Sampling Date: 8-7-08
Inventory of sample containers: 3 40 ML Voas w/ HCL

Description of groundwater:
Comments & Observations: PID 0

Name of sampler(s): R.B. + J.M.

MONITORING WELL FIELD PARAMETER DATA

SITE NAME: Osen Ave.
SITE NUMBER:
WELL ID: P-1-60
GAUGE DATE: 8-7-08
SOUNDING METHOD: Solinst Probe

WEATHER: Cloudy, 85°
WELL CONDITION: Good
GAUGE TIME: 14:30
REFERENCE POINT: TOC
WELL DIAMETER (IN.): 2"

CALCULATION OF WELL VOLUME

A. Well Depth (ft.):	95.60
B. Depth to Water (ft.):	69.43
C. Liquid Depth (ft.) [A-B]:	26.17
D. Well Vol./Ft.(see table):	.16
E. Well Volume (gal.) [C*D]:	4.18
F. Three Well Vols [E*3] 5	20.93

D.: Well Vol./Ft.: Well Diameter	Gallon/Ft.
2-in.	0.16
4-in.	0.65
6-in.	1.47
8-in.	2.61
12-in.	5.87

PURGING ACTIVITIES

Purge Method: Grundfos / Redi flow pump
Purge Time: 20 min.
Purge Rate (gpm): 10 gpm

Description of activity (i.e.- visual observation of water quality, did well pump dry)
Pre - Brown
mid - Light brown / cloudy
post. Clear

WATER QUALITY PARAMETERS

	Time	pH	Conductivity	Temp	D.O.	ORP
Pre-Purge	2:54	3.71	0.263	18.79°c	5.04	140.9
Mid-Purge	3:05	3.75	0.281	19.13°c	5.62	166.8
Post-Purge	3:15	3.73	0.288	19.32°c	5.44	170.1

SAMPLING ACTIVITIES

Sampling Date: 8-7-08
Inventory of sample containers: 3 40 mL. Voas w/ Hcl

Description of groundwater:
Comments & Observations: PID Ø

Name of sampler(s): R.T. + J.M.

MONITORING WELL FIELD PARAMETER DATA

SITE NAME: Oser Ave.
SITE NUMBER:
WELL ID: P-1-25
GAUGE DATE: 8-7-08
SOUNDING METHOD: Solinist Probe

WEATHER: Cloudy, 85°
WELL CONDITION: Good
GAUGE TIME: 14:15
REFERENCE POINT: TOC
WELL DIAMETER (IN.): 2"

CALCULATION OF WELL VOLUME

A. Well Depth (ft.):	92.10
B. Depth to Water (ft.):	69.18
C. Liquid Depth (ft.) [A-B]:	22.92
D. Well Vol./Ft.(see table):	.16
E. Well Volume (gal.) [C*D]:	3.66
F. Three Well Vols [E*3]	18.33

D.: Well Vol./Ft.: Well Diameter	Gallon/Ft.
(2-in.)	(0.16)
4-in.	0.65
6-in.	1.47
8-in.	2.61
12-in.	5.87

PURGING ACTIVITIES

Purge Method: Grundfos / Redi flow pump
Purge Time: 19 min.
Purge Rate (gpm): 1.0 gpm

Description of activity (i.e.- visual observation of water quality, did well pump dry)

pre- Muddy
mid- Clear
post.

WATER QUALITY PARAMETERS

	Time	pH	Conductivity	Temp	D.O.	ORP
Pre-Purge	2:20	3.79	0.461	19.02°c	0.82	138.8
Mid-Purge	2:30	3.76	0.432	18.41°c	0.95	143.9
Post-Purge	2:40	3.78	0.417	18.65°c	1.44	147.3

SAMPLING ACTIVITIES

Sampling Date: 8-7-08
Inventory of sample containers: 3 40 ml Vials w/ HCL

Description of groundwater:
Comments & Observations: PID Ø

Name of sampler(s): R.B. + J.M.

MONITORING WELL FIELD PARAMETER DATA

SITE NAME: Osco Ave.
SITE NUMBER:
WELL ID: GFW-1
GAUGE DATE: 8-7-08
SOUNDING METHOD: Solinist Probe

WEATHER: Sunny, 85
WELL CONDITION: Good
GAUGE TIME: 12:20
REFERENCE POINT: TOC
WELL DIAMETER (IN.): 2"

CALCULATION OF WELL VOLUME

A. Well Depth (ft.):	100.00 ±
B. Depth to Water (ft.):	68.27
C. Liquid Depth (ft.) [A-B]:	31.73
D. Well Vol./Ft.(see table):	1.47
E. Well Volume (gal.) [C*D]:	46.64
F. Three Well Vols [E*3]	233.21

D.: Well Vol./Ft.: Well Diameter	Gallon/Ft.
2-in.	0.16
4-in.	0.65
6-in.	1.47
8-in.	2.61
12-in.	5.87

PURGING ACTIVITIES

Purge Method: Grunfos / Rediflow
Purge Time:
Purge Rate (gpm): 1.0 gpm.

Description of activity (i.e.- visual observation of water quality, did well pump dry)
Pre - Cloudy light brown
Mid - Clear
Post Clear

WATER QUALITY PARAMETERS

	Time	pH	Conductivity	Temp	D.O.	ORP
Pre-Purge	12:30	3.82	0.311	18.72°c	4.72	145.0
Mid-Purge	1:00	3.80	0.319	19.72°c	5.14	172.7
Post-Purge	1:28	3.82	0.315	18.43°c	4.74	171.1

SAMPLING ACTIVITIES

Sampling Date: 8-7-08
Inventory of sample containers: 3 40 mL Vials w/HCL

Description of groundwater:
Comments & Observations: PID 0

Name of sampler(s): K.B. + J.M

MONITORING WELL FIELD PARAMETER DATA

SITE NAME: Oser Ave.
SITE NUMBER:
WELL ID: MW-17
GAUGE DATE: 8-7-08
SOUNDING METHOD: Solmist Probe

WEATHER: Sunny, 80°
WELL CONDITION: Good
GAUGE TIME: 8:55 A.M.
REFERENCE POINT: TOC
WELL DIAMETER (IN.): 2"

CALCULATION OF WELL VOLUME

A. Well Depth (ft.):	98.40
B. Depth to Water (ft.):	68.48
C. Liquid Depth (ft.) [A-B]:	29.92
D. Well Vol./Ft.(see table):	.16
E. Well Volume (gal.) [C*D]:	4.78
F. Three Well Vols [E*3]	23.93

D.: Well Vol./Ft.: Well Diameter	Gallon/Ft.
(2-in.)	(0.16)
4-in.	0.65
6-in.	1.47
8-in.	2.61
12-in.	5.87

PURGING ACTIVITIES

Purge Method:
Purge Time:
Purge Rate (gpm):

Description of activity (i.e.- visual observation of water quality, did well pump dry)

Pre- Clear
Mid-
Post-

WATER QUALITY PARAMETERS

	Time	pH	Conductivity	Temp	D.O.	ORP
Pre-Purge	11:40	3.48	0.200	20.80°c	1.24	150.4
Mid-Purge	11:55	3.51	0.218	21.38	1.27	148.9
Post-Purge	12:10	3.41	0.211	22.19°c	1.20	146.2

SAMPLING ACTIVITIES

Sampling Date: 8-7-08
Inventory of sample containers: 3 40 ML. Vons W/ HCL

Description of groundwater:
Comments & Observations: Pid Ø

Name of sampler(s): R.B. + S.M.

MONITORING WELL FIELD PARAMETER DATA

SITE NAME: Osen Ave.
SITE NUMBER:
WELL ID: MW-16
GAUGE DATE: 8-7-08
SOUNDING METHOD: Solinst Probe

WEATHER: Sunny, 80°
WELL CONDITION: Good
GAUGE TIME: 8:46 A.M.
REFERENCE POINT: TOC
WELL DIAMETER (IN.): 2"

CALCULATION OF WELL VOLUME

A. Well Depth (ft.):	98.00
B. Depth to Water (ft.):	67.92
C. Liquid Depth (ft.) [A-B]:	30.08
D. Well Vol./Ft.(see table):	.16
E. Well Volume (gal.) [C*D]:	4.81
F. Three Well Vols [E*3]	24.06

D.: Well Vol./Ft.: Well Diameter	Gallon/Ft.
2-in.	0.16
4-in.	0.65
6-in.	1.47
8-in.	2.61
12-in.	5.87

PURGING ACTIVITIES

Purge Method: Grundfos / Redi-flow
Purge Time: 24 min.
Purge Rate (gpm): 1.0 gpm.

Description of activity (i.e.- visual observation of water quality, did well pump dry)
Pre - Clear, Cloudy
Mid - Clear
Post - Clear

WATER QUALITY PARAMETERS

	Time	pH	Conductivity	Temp	D.O.	ORP
Pre-Purge	10:51	3.57	0.234	20.56°C	0.77	133.8
Mid-Purge	11:05	3.55	0.229	20.82°C	0.97	137.1
Post-Purge	11:17	3.54	0.222	20.42°C	0.89	136.3

SAMPLING ACTIVITIES

Sampling Date: 8-7-08
Inventory of sample containers: 3 40 ML Voas W/ HCL

Description of groundwater:
Comments & Observations: PID 0

Name of sampler(s): R.B. + J.M.

MONITORING WELL FIELD PARAMETER DATA

SITE NAME: Oser Ave.
SITE NUMBER:
WELL ID: IT MW-25
GAUGE DATE: 8-7-08
SOUNDING METHOD: Solmist Probe

WEATHER: Cloudy, 75°
WELL CONDITION: Good
GAUGE TIME: 7:53
REFERENCE POINT: TOC
WELL DIAMETER (IN.): 2"

CALCULATION OF WELL VOLUME

A. Well Depth (ft.):	84.40
B. Depth to Water (ft.):	68.92
C. Liquid Depth (ft.) [A-B]:	15.48
D. Well Vol./Ft.(see table):	.16
E. Well Volume (gal.) [C*D]:	2.47
F. Three Well Vols [E*3]	12.38

D.: Well Vol./Ft.: Well Diameter	Gallon/Ft.
(2-in.)	(0.16)
4-in.	0.65
6-in.	1.47
8-in.	2.61
12-in.	5.87

PURGING ACTIVITIES

Purge Method: Bladder Pump
Purge Time: 1.5 hrs
Purge Rate (gpm):

Description of activity (i.e.- visual observation of water quality, did well pump dry)
Pre - Cloudy light brown
Mid - Clear
Post - Clear

WATER QUALITY PARAMETERS

	Time	pH	Conductivity	Temp	D.O.	ORP
Pre-Purge	8:20	3.89	0.259	20.79°c	3.12	86.0
Mid-Purge	8:56	3.74	0.222	19.00	3.82	93.5
Post-Purge	9:40	3.75	0.236	20.05	3.40	99.6

SAMPLING ACTIVITIES

Sampling Date: 8-6-08
Inventory of sample containers: 3 40 ML Vocs w/ HCL

Description of groundwater:
Comments & Observations: PID Ø

Name of sampler(s): R.B. + S.M

MONITORING WELL FIELD PARAMETER DATA

SITE NAME: Oser Ave
SITE NUMBER:
WELL ID: MW-4S
GAUGE DATE: 8-8-08
SOUNDING METHOD: S/L Probe

WEATHER: Sunny, 75°
WELL CONDITION: Good
GAUGE TIME: 7:40
REFERENCE POINT: TOC
WELL DIAMETER (IN.): 2"

CALCULATION OF WELL VOLUME

A. Well Depth (ft.):	+100
B. Depth to Water (ft.):	68.85
C. Liquid Depth (ft.) [A-B]:	31.15
D. Well Vol./Ft.(see table):	.16
E. Well Volume (gal.) [C*D]:	4.984
F. Three Well Vols [E*3]	24.92

D.: Well Vol./Ft.: Well Diameter	Gallon/Ft.
(2-in)	(0.16)
4-in.	0.65
6-in.	1.47
8-in.	2.61
12-in.	5.87

PURGING ACTIVITIES

Purge Method: Grundfos / Redi flow pump
Purge Time: 25 min.
Purge Rate (gpm): 1.0 gpm.

Description of activity (i.e.- visual observation of water quality, did well pump dry)
Pre - Cloudy
mid - Clear
post - Clear

WATER QUALITY PARAMETERS

	Time	pH	Conductivity	Temp	D.O.	ORP
Pre-Purge	8:09	3.63	0.259	17.29°C	5.16	107.1
Mid-Purge	8:15	3.71	0.285	17.68°C	5.18	124.9
Post-Purge	8:24	3.75	0.287	17.96	5.79	116.3

SAMPLING ACTIVITIES

Sampling Date: 8-8-08
Inventory of sample containers: 3 40 ML VOAs w/ HCl

Description of groundwater:
Comments & Observations: PID Ø

Name of sampler(s): R.B. + J.M.

MONITORING WELL FIELD PARAMETER DATA

SITE NAME: Oser Ave.
SITE NUMBER:
WELL ID: ITmw-4D
GAUGE DATE: 8-8-08
SOUNDING METHOD: Solinst Probe

WEATHER: Sunny, 75°
WELL CONDITION: Good
GAUGE TIME: 8:00 AM
REFERENCE POINT: TOC
WELL DIAMETER (IN.): 2"

CALCULATION OF WELL VOLUME

A. Well Depth (ft.):	+/-100
B. Depth to Water (ft.):	69.18
C. Liquid Depth (ft.) [A-B]:	30.82
D. Well Vol./Ft.(see table):	.16
E. Well Volume (gal.) [C*D]:	4.93
F. Three Well Vols [E*3]	24.65

D.: Well Vol./Ft.: Well Diameter	Gallon/Ft.
(2-in.)	(0.16)
4-in.	0.65
6-in.	1.47
8-in.	2.61
12-in.	5.87

PURGING ACTIVITIES

Purge Method: Grundfos / Redi flow pump.
Purge Time: 25 min.
Purge Rate (gpm): 1.0 gpm.

Description of activity (i.e.- visual observation of water quality, did well pump dry)
Pre - Clear
mid - Clear
poste - Clear

WATER QUALITY PARAMETERS

	Time	pH	Conductivity	Temp	D.O.	ORP
Pre-Purge	8:45	3.37	0.141	17.37°c	0.73	56.4
Mid-Purge	8:55	3.44	0.167	17.24°c	0.75	41.7
Post-Purge	9:05	3.44	0.167	17.12°c	0.46	54.0

SAMPLING ACTIVITIES

Sampling Date: 8-8-08
Inventory of sample containers: 3 40 mL VOCs w/HCL

Description of groundwater:
Comments & Observations: PID Ø

Name of sampler(s): R.V. + J.M.

MONITORING WELL FIELD PARAMETER DATA

SITE NAME: Ozer Auto
SITE NUMBER:
WELL ID: MW-12
GAUGE DATE: 8-8-08
SOUNDING METHOD: Solinst Probe

WEATHER: Sunny, 75°
WELL CONDITION: Good
GAUGE TIME: 8:05
REFERENCE POINT: TOC
WELL DIAMETER (IN.): 2"

CALCULATION OF WELL VOLUME

A. Well Depth (ft.):	82.45
B. Depth to Water (ft.):	69.03
C. Liquid Depth (ft.) [A-B]:	13.42
D. Well Vol./Ft.(see table):	.16
E. Well Volume (gal.) [C*D]:	2.14
F. Three Well Vols [E*3]	10.73

D.: Well Vol./Ft.: Well Diameter	Gallon/Ft.
2-in.	0.16
4-in.	0.65
6-in.	1.47
8-in.	2.61
12-in.	5.87

PURGING ACTIVITIES

Purge Method: Grundfos / Redi flow pump
Purge Time: 11 min.
Purge Rate (gpm): 1.0 gpm

Description of activity (i.e.- visual observation of water quality, did well pump dry)
Pre - Brown, Cloudy
Mod -
post.

WATER QUALITY PARAMETERS

	Time	pH	Conductivity	Temp	D.O.	ORP
Pre-Purge	9:40	3.33	0.214	17.32	4.53	120.4
Mid-Purge	9:47	3.47	0.184	17.47	5.45	134.4
Post-Purge	9:56	3.44	0.184	17.87	5.63	147.7

SAMPLING ACTIVITIES

Sampling Date: 8-8-08
Inventory of sample containers: 3 40 ML. VOAs W/ HCL

Description of groundwater:
Comments & Observations: PID 0

Name of sampler(s): R.B. + S.M.

MONITORING WELL FIELD PARAMETER DATA

SITE NAME: Osey Ave.
SITE NUMBER:
WELL ID: ITMW-35
GAUGE DATE: 8-8-08
SOUNDING METHOD: Solinst Probe

WEATHER: Sunny, 75°
WELL CONDITION: Good
GAUGE TIME: 8:51
REFERENCE POINT: TOC
WELL DIAMETER (IN.): 2"

CALCULATION OF WELL VOLUME

A. Well Depth (ft.):	80.62
B. Depth to Water (ft.):	69.28
C. Liquid Depth (ft.) [A-B]:	11.34
D. Well Vol./Ft.(see table):	.16
E. Well Volume (gal.) [C*D]:	1.81
F. Three Well Vols [E*3]	9.07

D.: Well Vol./Ft.: Well Diameter	Gallon/Ft.
2-in.	0.16
4-in.	0.65
6-in.	1.47
8-in.	2.61
12-in.	5.87

PURGING ACTIVITIES

Purge Method: Grundfos / Redi Flow pump.
Purge Time: 10 min.
Purge Rate (gpm): 1.0 gpm

Description of activity (i.e.- visual observation of water quality, did well pump dry)
Pre -
Mid -
post.

WATER QUALITY PARAMETERS

	Time	pH	Conductivity	Temp	D.O.	ORP
Pre-Purge	10:03	3.72	0.302	17.64°c	1.12	96.3
Mid-Purge	10:12	3.73	0.298	17.68°c	5.73	127.3
Post-Purge	10:20	3.80	0.315	18.49°c	4.85	143.7

SAMPLING ACTIVITIES

Sampling Date: 8-8-08
Inventory of sample containers: 3 40 ML. VOAs W/HCL

Description of groundwater:
Comments & Observations: PID Ø

Name of sampler(s): R.B. + J.M.

MONITORING WELL FIELD PARAMETER DATA

SITE NAME: Oser Ave.
SITE NUMBER:
WELL ID: IT MW-3D
GAUGE DATE: 8-8-08
SOUNDING METHOD: Solinist Probe

WEATHER: Sunny 75°
WELL CONDITION: Good
GAUGE TIME: 8:57
REFERENCE POINT: TOC
WELL DIAMETER (IN.): 2"

CALCULATION OF WELL VOLUME

A. Well Depth (ft.):	+/- 100
B. Depth to Water (ft.):	70.71
C. Liquid Depth (ft.) [A-B]:	29.29
D. Well Vol./Ft.(see table):	.16
E. Well Volume (gal.) [C*D]:	4.68
F. Three Well Vols [E*3]	23.43

D.: Well Vol./Ft.: Well Diameter	Gallon/Ft.
2-in.	0.16
4-in.	0.65
6-in.	1.47
8-in.	2.61
12-in.	5.87

PURGING ACTIVITIES

Purge Method: Grunfos / Redi Flow Pump
Purge Time: 24 min.
Purge Rate (gpm): 1.0 gpm.

Description of activity (i.e.- visual observation of water quality, did well pump dry)
Pre - Brwn
mid -
post -

WATER QUALITY PARAMETERS

	Time	pH	Conductivity	Temp	D.O.	ORP
Pre-Purge	10:40	2.45	0.019	17.68°c	4.30	130.7
Mid-Purge	10:49	2.56	0.023	18.010c	2.97	137.1
Post-Purge	11:00	2.99	0.705	18.36°c	3.54	19.7

SAMPLING ACTIVITIES

Sampling Date: 8-8-08
Inventory of sample containers: 3 40 mL Voas w/HCL

Description of groundwater:
Comments & Observations: PID Ø

Name of sampler(s): R.B. + J.M.

MONITORING WELL FIELD PARAMETER DATA

SITE NAME: Oser Ave
SITE NUMBER:
WELL ID: MW-13
GAUGE DATE: 8-8-08
SOUNDING METHOD: Solinst Probe

WEATHER: Sunny, 85°
WELL CONDITION: Good
GAUGE TIME: 11:15 a.m.
REFERENCE POINT: TOC
WELL DIAMETER (IN.): 2"

CALCULATION OF WELL VOLUME

A. Well Depth (ft.):	81.00
B. Depth to Water (ft.):	68.82
C. Liquid Depth (ft.) [A-B]:	12.18
D. Well Vol./Ft.(see table):	.16
E. Well Volume (gal.) [C*D]:	1.94
F. Three Well Vols [E*3]	9.74

D.: Well Vol./Ft.: Well Diameter	Gallon/Ft.
(2-in.)	(0.16)
4-in.	0.65
6-in.	1.47
8-in.	2.61
12-in.	5.87

PURGING ACTIVITIES

Purge Method: Grundfos / Redi flow pump
Purge Time: 10 min.
Purge Rate (gpm): 1.0 gpm.

Description of activity (i.e.- visual observation of water quality, did well pump dry)
pre- dark Brown
mid- Clear
post- Light brown

WATER QUALITY PARAMETERS

	Time	pH	Conductivity	Temp	D.O.	ORP
Pre-Purge	11:30	3.41	0.296	18.01°C	5.46	157.7
Mid-Purge	11:35	3.38	0.209	17.81°C	5.56	158.0
Post-Purge	11:42	3.44	0.213	18.29	4.99	161.3

SAMPLING ACTIVITIES

Sampling Date: 8-8-08
Inventory of sample containers: 3 40 mL VOCs w/ HCl

Description of groundwater:
Comments & Observations: PID Ø

Name of sampler(s): K.B. + J.M.

MONITORING WELL FIELD PARAMETER DATA

SITE NAME: Oser Ave
SITE NUMBER:
WELL ID: MW-15
GAUGE DATE: 8-8-08
SOUNDING METHOD: Solinst Probe

WEATHER: Cloudy, 85°
WELL CONDITION: Good
GAUGE TIME: 14:05
REFERENCE POINT: TOC
WELL DIAMETER (IN.): 2"

CALCULATION OF WELL VOLUME

A. Well Depth (ft.):	61.80
B. Depth to Water (ft.):	Dry
C. Liquid Depth (ft.) [A-B]:	—
D. Well Vol./Ft.(see table):	—
E. Well Volume (gal.) [C*D]:	—
F. Three Well Vols [E*3]	—

D.: Well Vol./Ft.: Well Diameter	Gallon/Ft.
2-in.	0.16
4-in.	0.65
6-in.	1.47
8-in.	2.61
12-in.	5.87

PURGING ACTIVITIES

Purge Method: —
Purge Time: —
Purge Rate (gpm): —

Description of activity (i.e.- visual observation of water quality, did well pump dry)

—

WATER QUALITY PARAMETERS

	Time	pH	Conductivity	Temp	D.O.	ORP
Pre-Purge	—					
Mid-Purge	—					
Post-Purge	—					

SAMPLING ACTIVITIES

Sampling Date: —
Inventory of sample containers: —

Description of groundwater:
Comments & Observations: PID Ø Well was Dry (No Sample)

Name of sampler(s): R.B. + J.M.

MONITORING WELL FIELD PARAMETER DATA

SITE NAME: Osen Ave.
SITE NUMBER:
WELL ID: FTMW-[redacted] ID
GAUGE DATE: 8-8-08
SOUNDING METHOD: Solinst Probe

WEATHER:
WELL CONDITION:
GAUGE TIME: 12:55
REFERENCE POINT: TOC
WELL DIAMETER (IN.):

CALCULATION OF WELL VOLUME

A. Well Depth (ft.):	+100
B. Depth to Water (ft.):	68.51
C. Liquid Depth (ft.) [A-B]:	31.49
D. Well Vol./Ft.(see table):	.16
E. Well Volume (gal.) [C*D]:	5.03
F. Three Well Vols [E*3]	25.19

D.: Well Vol./Ft.: Well Diameter	Gallon/Ft.
(2-in.)	(0.16)
4-in.	0.65
6-in.	1.47
8-in.	2.61
12-in.	5.87

PURGING ACTIVITIES

Purge Method: Grundfos / Redi flow pump
Purge Time: 25 min.
Purge Rate (gpm): 1.0 gpm

Description of activity (i.e.- visual observation of water quality, did well pump dry)
Pre - Clear
Mid -
Post -

WATER QUALITY PARAMETERS

	Time	pH	Conductivity	Temp	D.O.	ORP
Pre-Purge	1:20	3.36	0.166	19.73°c	4.74	86.6
Mid-Purge	1:30	3.36	0.163	18.12°c	4.75	97.8
Post-Purge	1:44	3.30	0.181	19.13°c	4.88	113.6

SAMPLING ACTIVITIES

Sampling Date: 8-8-08
Inventory of sample containers: 3 40 ML. Vials w/ HCl

Description of groundwater:
Comments & Observations: PID Ø

Name of sampler(s): R.B + J.M.

MONITORING WELL FIELD PARAMETER DATA

SITE NAME: Oser Ave.
SITE NUMBER:
WELL ID: FT MW-[redacted] 15
GAUGE DATE: 8-8-08
SOUNDING METHOD: Solinst Probe

WEATHER: ~~Good~~ Sunny, 85°
WELL CONDITION: Good
GAUGE TIME: 13:01
REFERENCE POINT: TOC
WELL DIAMETER (IN.): 2"

CALCULATION OF WELL VOLUME

A. Well Depth (ft.):	83.60
B. Depth to Water (ft.):	68.89
C. Liquid Depth (ft.) [A-B]:	14.71
D. Well Vol./Ft.(see table):	.16
E. Well Volume (gal.) [C*D]:	2.35
F. Three Well Vols [E*3]	11.76

D.: Well Vol./Ft.: Well Diameter	Gallon/Ft.
(2-in.)	(0.16)
4-in.	0.65
6-in.	1.47
8-in.	2.61
12-in.	5.87

PURGING ACTIVITIES

Purge Method: Grunfos / Redi flow pump
Purge Time: 12 min.
Purge Rate (gpm): 1.0 gpm

Description of activity (i.e.- visual observation of water quality, did well pump dry)
Pre - Light brown
Mid -
Post -

WATER QUALITY PARAMETERS

	Time	pH	Conductivity	Temp	D.O.	ORP
Pre-Purge	1:52	3.32	0.240	14.34°c	1.69	133.4
Mid-Purge	1:58	3.38	0.214	19.42°c	1.32	143.3
Post-Purge	2:05	3.43	0.216	19.25°c	0.90	161.5

SAMPLING ACTIVITIES

Sampling Date: 8-8-08
Inventory of sample containers: 3 40 ml Voas w/ HCL

Description of groundwater:
Comments & Observations: PID = 0

Name of sampler(s): R.B. + J.M.

MONITORING WELL FIELD PARAMETER DATA

SITE NAME: Oser Ave.
SITE NUMBER:
WELL ID: ITMW-[redacted]13S
GAUGE DATE: 8-8-08
SOUNDING METHOD: Solinist Probe

WEATHER: Cloudy, 85°
WELL CONDITION: Good
GAUGE TIME: 15:35
REFERENCE POINT: TOC
WELL DIAMETER (IN.): 2"

CALCULATION OF WELL VOLUME

A. Well Depth (ft.):	94.10
B. Depth to Water (ft.):	77.82
C. Liquid Depth (ft.) [A-B]:	16.28
D. Well Vol./Ft.(see table):	.16
E. Well Volume (gal.) [C*D]:	2.60
F. Three Well Vols [E*3]	13.02

D.: Well Vol./Ft.: Well Diameter	Gallon/Ft.
(2-in)	(0.16)
4-in.	0.65
6-in.	1.47
8-in.	2.61
12-in.	5.87

PURGING ACTIVITIES

Purge Method: Grunfos / Redi flow pumps
Purge Time: 13 min
Purge Rate (gpm): 1.0 gpm

Description of activity (i.e.- visual observation of water quality, did well pump dry)
Pre - light BRWN
mid - Clear
post - Clear

WATER QUALITY PARAMETERS

	Time	pH	Conductivity	Temp	D.O.	ORP
Pre-Purge	3:42	4.03	0.694	16.07°C	8.56	165.4
Mid-Purge	3:48	4.08	0.659	18.13°C	5.94	165.3
Post-Purge	3:56	4.00	0.562	18.63°C	5.98	169.8

SAMPLING ACTIVITIES

Sampling Date: 8-8-08
Inventory of sample containers: 3 Voas w/HCl

Description of groundwater:
Comments & Observations: N.D.

Name of sampler(s): K.B + J.M

MONITORING WELL FIELD PARAMETER DATA

SITE NAME: Osen Ave.
SITE NUMBER:
WELL ID: MW-11S
GAUGE DATE: 8-8-08
SOUNDING METHOD: Solinst Probe

WEATHER: Cloudy, 85°
WELL CONDITION: Good
GAUGE TIME: 14:37
REFERENCE POINT: TOC
WELL DIAMETER (IN.): 2"

CALCULATION OF WELL VOLUME

A. Well Depth (ft.):	94.80
B. Depth to Water (ft.):	83.60
C. Liquid Depth (ft.) [A-B]:	11.20
D. Well Vol./Ft.(see table):	.16
E. Well Volume (gal.) [C*D]:	1.79
F. Three Well Vols [E*3]	8.96

D.: Well Vol./Ft.: Well Diameter	Gallon/Ft.
2-in.	0.16
4-in.	0.65
6-in.	1.47
8-in.	2.61
12-in.	5.87

PURGING ACTIVITIES

Purge Method: Grundfos / Redi flow pump
Purge Time: 9 min.
Purge Rate (gpm): 1.0 gpm

Description of activity (i.e.- visual observation of water quality, did well pump dry)
pre - Light brown
mid - Clear
post - Clear

WATER QUALITY PARAMETERS

	Time	pH	Conductivity	Temp	D.O.	ORP
Pre-Purge	2:47	3.77	0.481	13.77°C	2.63	151.4
Mid-Purge	2:55	3.70	0.418	13.70°C	4.79	162.3
Post-Purge	3:00	3.65	0.359	12.68°C	5.64	171.6

SAMPLING ACTIVITIES

Sampling Date: 8-8-08
Inventory of sample containers: 3 40 ML VOCs w/ HCl

Description of groundwater:
Comments & Observations: PID 0

Name of sampler(s): K.B + J.M

MONITORING WELL FIELD PARAMETER DATA

SITE NAME: Ozer Ave.
SITE NUMBER:
WELL ID: IT MW-5D
GAUGE DATE: 8-11-08
SOUNDING METHOD: Solinst Probe

WEATHER: Sunny, 75°
WELL CONDITION: Good
GAUGE TIME: 7:30 Am.
REFERENCE POINT: TOC
WELL DIAMETER (IN.): 2"

CALCULATION OF WELL VOLUME

A. Well Depth (ft.):	82.93
B. Depth to Water (ft.):	69.79
C. Liquid Depth (ft.) [A-B]:	13.14
D. Well Vol./Ft.(see table):	.16
E. Well Volume (gal.) [C*D]:	2.10
F. Three Well Vols [E*3]	10.51

D.: Well Vol./Ft.: Well Diameter	Gallon/Ft.
(2-in)	(0.16)
4-in.	0.65
6-in.	1.47
8-in.	2.61
12-in.	5.87

PURGING ACTIVITIES

Purge Method: Grunfos / Redi flow
Purge Time: 10 min.
Purge Rate (gpm): 1.0 gpm

Description of activity (i.e.- visual observation of water quality, did well pump dry)
Pre- light brown
Mid- light brown
Post- Cloudy

WATER QUALITY PARAMETERS

	Time	pH	Conductivity	Temp	D.O.	ORP
Pre-Purge	8:10	4.65	0.279	17.31°c	1.22	85.1
Mid-Purge	8:15	4.40	0.238	17.79°c	0.78	104.2
Post-Purge	8:25	4.38	0.227	19.36°c	1.01	129.3

SAMPLING ACTIVITIES

Sampling Date: 8-11-08
Inventory of sample containers: 3 40 ML Vials w/ HCL

Description of groundwater:
Comments & Observations: PID Ø

Name of sampler(s): R.B. + J. M.

MONITORING WELL FIELD PARAMETER DATA

SITE NAME: Osco Ave.
SITE NUMBER:
WELL ID: FTMW-5S
GAUGE DATE: 8-11-08
SOUNDING METHOD: Sol mist

WEATHER: Sunny, 75°
WELL CONDITION: Good
GAUGE TIME: 7:35 A.M.
REFERENCE POINT: TOC
WELL DIAMETER (IN.): 2"

CALCULATION OF WELL VOLUME

A. Well Depth (ft.):	78.45
B. Depth to Water (ft.):	69.46
C. Liquid Depth (ft.) [A-B]:	8.99
D. Well Vol./Ft.(see table):	.16
E. Well Volume (gal.) [C*D]:	1.43
F. Three Well Vols [E*3]	7.19

D.: Well Vol./Ft.: Well Diameter	Gallon/Ft.
(2-in)	0.16
4-in.	0.65
6-in.	1.47
8-in.	2.61
12-in.	5.87

PURGING ACTIVITIES

Purge Method: Grunfos / Red: flow Pump.
Purge Time: 8 min.
Purge Rate (gpm): 1.0 gpm.

Description of activity (i.e.- visual observation of water quality, did well pump dry)

Pre - Cloudy
Mid - clear
Post - Clear

WATER QUALITY PARAMETERS

	Time	pH	Conductivity	Temp	D.O.	ORP
Pre-Purge	8:50	4.44	0.430	17.79°c	4.01	148.2
Mid-Purge	8:54	4.39	0.412	18.09°c	4.58	154.0
Post-Purge	8:58	4.34	0.433	18.67°c	5.02	157.8

SAMPLING ACTIVITIES

Sampling Date: 8-11-08
Inventory of sample containers: 3 40 ML. VOAs W/ HCL

Description of groundwater:
Comments & Observations: PID Ø

Name of sampler(s): R.B. + J.M.

MONITORING WELL FIELD PARAMETER DATA

SITE NAME: Oser Ave.
SITE NUMBER:
WELL ID: IT MW-7S
GAUGE DATE: 8-11-08
SOUNDING METHOD: Solinst Probe

WEATHER: Sunny, 80°
WELL CONDITION: Good
GAUGE TIME: 9:10
REFERENCE POINT: TOC
WELL DIAMETER (IN.): 2"

CALCULATION OF WELL VOLUME

A. Well Depth (ft.):	64.65
B. Depth to Water (ft.):	63.16
C. Liquid Depth (ft.) [A-B]:	1.49
D. Well Vol./Ft.(see table):	.16
E. Well Volume (gal.) [C*D]:	.23
F. Three Well Vols [E*3]	1.14

D.: Well Vol./Ft.: Well Diameter	Gallon/Ft.
(2-in.)	(0.16)
4-in.	0.65
6-in.	1.47
8-in.	2.61
12-in.	5.87

PURGING ACTIVITIES

Purge Method: Grunfos / Rediflow Pump
Purge Time:
Purge Rate (gpm): 1.0 gpm.

Description of activity (i.e.- visual observation of water quality, did well pump dry)
pre - light brown
mid. cloudy
post: clear

WATER QUALITY PARAMETERS

	Time	pH	Conductivity	Temp	D.O.	ORP
Pre-Purge	9:34	3.87	0.105	18.58°C	4.09	152.3
Mid-Purge	9:38	3.86	0.184	18.99°C	4.64	159.2
Post-Purge	9:42	3.96	0.266	18.54°C	3.08	156.7

SAMPLING ACTIVITIES

Sampling Date: 8-11-08
Inventory of sample containers: 3 40 mL VOAs w/ HCL

Description of groundwater:
Comments & Observations: PID Ø

Name of sampler(s): R.B. + J.M.

MONITORING WELL FIELD PARAMETER DATA

SITE NAME: Oser Av.
SITE NUMBER:
WELL ID: MW-65
GAUGE DATE: 8-11-08
SOUNDING METHOD: Solinst Probe

WEATHER: Sunny, 80°
WELL CONDITION: Good
GAUGE TIME: 10:06
REFERENCE POINT: TOC
WELL DIAMETER (IN.): 2"

CALCULATION OF WELL VOLUME

A. Well Depth (ft.):	87.84
B. Depth to Water (ft.):	76.37
C. Liquid Depth (ft.) [A-B]:	11.47
D. Well Vol./Ft.(see table):	.16
E. Well Volume (gal.) [C*D]:	1.83
F. Three Well Vols [E*3]	9.17

D.: Well Vol./Ft.: Well Diameter	Gallon/Ft.
2-in.	0.16
4-in.	0.65
6-in.	1.47
8-in.	2.61
12-in.	5.87

PURGING ACTIVITIES

Purge Method: Grunfos / Redi Flow Pump
Purge Time: 10 min.
Purge Rate (gpm): 1.0 gpm.

Description of activity (i.e.- visual observation of water quality, did well pump dry)
Pre Clear
Mid Clear
Post Clear

WATER QUALITY PARAMETERS

	Time	pH	Conductivity	Temp	D.O.	ORP
Pre-Purge	10:14	3.82	0.157	17.16°c	3.90	155.8
Mid-Purge	10:20	3.77	0.186	16.92°c	2.71	166.5
Post-Purge	10:25	3.89	0.183	17.61°c	2.56	167.2

SAMPLING ACTIVITIES

Sampling Date: 8-11-08
Inventory of sample containers: 3 40 ml Voas w/ HCL

Description of groundwater:
Comments & Observations: BD Ø

Name of sampler(s): R.B. & J.M.

MONITORING WELL FIELD PARAMETER DATA

SITE NAME: Osco Ave.
SITE NUMBER:
WELL ID: I-7MW-095
GAUGE DATE: 8-11-08
SOUNDING METHOD: Solinist Probe

WEATHER: Sunny 80°
WELL CONDITION: Good
GAUGE TIME: 11:15
REFERENCE POINT: TOC
WELL DIAMETER (IN.): 2"

CALCULATION OF WELL VOLUME

A. Well Depth (ft.):	±100
B. Depth to Water (ft.):	65.03
C. Liquid Depth (ft.) [A-B]:	34.97
D. Well Vol./Ft.(see table):	.16
E. Well Volume (gal.) [C*D]:	5.59
F. Three Well Vols [E*3]	27.97

D.: Well Vol./Ft.: Well Diameter	Gallon/Ft.
(2-in.)	(0.16)
4-in.	0.65
6-in.	1.47
8-in.	2.61
12-in.	5.87

PURGING ACTIVITIES

Purge Method: Grundfos / Redi Flow Pump
Purge Time: 28 min.
Purge Rate (gpm): 1.0 gpm

Description of activity (i.e.- visual observation of water quality, did well pump dry)
Pre - clear
mid - clear
Post clear

WATER QUALITY PARAMETERS

	Time	pH	Conductivity	Temp	D.O.	ORP
Pre-Purge	11:25	3.62	0.145	18.26°c	5.09	153.1
Mid-Purge	11:40	3.80	0.148	17.61°c	5.67	154.5
Post-Purge	11:50	3.68	0.165	18.27°c	5.13	171.1

SAMPLING ACTIVITIES

Sampling Date: 8-11-08
Inventory of sample containers: 3 40 mL Vials w/ HCl

Description of groundwater:
Comments & Observations: PID Ø

Name of sampler(s): R.B + J.M.

MONITORING WELL FIELD PARAMETER DATA

SITE NAME: Oser Ave.
SITE NUMBER:
WELL ID: ITMW-~~86~~-~~195~~ 165
GAUGE DATE: 8-11-08
SOUNDING METHOD: Solinst Probe

WEATHER: Cloudy, 80°
WELL CONDITION: Good
GAUGE TIME:
REFERENCE POINT: TOC
WELL DIAMETER (IN.): 2"

CALCULATION OF WELL VOLUME

A. Well Depth (ft.):	74.65
B. Depth to Water (ft.):	48.43
C. Liquid Depth (ft.) [A-B]:	26.22
D. Well Vol./Ft.(see table):	.16
E. Well Volume (gal.) [C*D]:	4.19
F. Three Well Vols [E*3]	20.97

D.: Well Vol./Ft.: Well Diameter	Gallon/Ft.
(2-in.)	(0.16)
4-in.	0.65
6-in.	1.47
8-in.	2.61
12-in.	5.87

PURGING ACTIVITIES

Purge Method: Grunfos / Red: Flow Pump
Purge Time: 21. M.W.
Purge Rate (gpm): 1.0 gpm.

Description of activity (i.e.- visual observation of water quality, did well pump dry)
Pre. Clear
Mid- clear
Post- clear

WATER QUALITY PARAMETERS

	Time	pH	Conductivity	Temp	D.O.	ORP
Pre-Purge	3:13	3.86	0.290	17.43°c	5.12	169.2
Mid-Purge	3:30	3.95	0.295	17.97°c	4.80	162.5
Post-Purge	3:35	3.90	0.297	17.62°c	4.72	167.6

SAMPLING ACTIVITIES

Sampling Date: 8-11-08
Inventory of sample containers: 3 40 ML. Voas w/HCL

Description of groundwater:
Comments & Observations: PID Ø

Name of sampler(s): R.B. + J.M.

MONITORING WELL FIELD PARAMETER DATA

SITE NAME: Ose Ave.
SITE NUMBER:
WELL ID: ITMW-01-16D
GAUGE DATE: 8-11-08
SOUNDING METHOD: Solinst Probe

WEATHER: Sunny, 80°
WELL CONDITION: Good
GAUGE TIME: 15:40
REFERENCE POINT: TOC
WELL DIAMETER (IN.): 2"

CALCULATION OF WELL VOLUME

A. Well Depth (ft.):	+100
B. Depth to Water (ft.):	49.51
C. Liquid Depth (ft.) [A-B]:	50.49
D. Well Vol./Ft.(see table):	.16
E. Well Volume (gal.) [C*D]:	8.07
F. Three Well Vols [E*3]	40.39

D.: Well Vol./Ft.: Well Diameter	Gallon/Ft.
(2-in.)	(0.16)
4-in.	0.65
6-in.	1.47
8-in.	2.61
12-in.	5.87

PURGING ACTIVITIES

Purge Method: Grundfos / Redi Flow Pump
Purge Time: 40 min.
Purge Rate (gpm): 1.0 gpm.

Description of activity (i.e.- visual observation of water quality, did well pump dry)
Pre- Cloudy
Mid- Clear
Post- Clear

WATER QUALITY PARAMETERS

	Time	pH	Conductivity	Temp	D.O.	ORP
Pre-Purge	3:45	3.73	0.222	18.69°C	1.92	138.7
Mid-Purge	4:00	3.73	0.224	18.85	1.91	150.7
Post-Purge	4:25	3.79	0.230	19.89	2.53	145.6

SAMPLING ACTIVITIES

Sampling Date: 8-11-08
Inventory of sample containers: 3 40 mL. VOAs W/HCL

Description of groundwater:
Comments & Observations: PID 0

Name of sampler(s): R.B. + J.M.

MONITORING WELL FIELD PARAMETER DATA

SITE NAME: Osa Aug.
SITE NUMBER:
WELL ID: FTMW-00-19S
GAUGE DATE: 8-12-08
SOUNDING METHOD: Solinist Probe

WEATHER: Cloudy, 70°
WELL CONDITION: Good
GAUGE TIME: 8:02
REFERENCE POINT: TOC
WELL DIAMETER (IN.): 2"

CALCULATION OF WELL VOLUME

A. Well Depth (ft.):	44.45
B. Depth to Water (ft.):	28.56
C. Liquid Depth (ft.) [A-B]:	15.89
D. Well Vol./Ft.(see table):	.16
E. Well Volume (gal.) [C*D]:	2.54
F. Three Well Vols [E*3]	12.71

D.: Well Vol./Ft.: Well Diameter	Gallon/Ft.
(2-in.)	(0.16)
4-in.	0.65
6-in.	1.47
8-in.	2.61
12-in.	5.87

PURGING ACTIVITIES

Purge Method: Grunfos / Redi Flow Pump.
Purge Time: 13 min.
Purge Rate (gpm): 1.0 gpm.

Description of activity (i.e.- visual observation of water quality, did well pump dry)
Pre- light brown
Mid- cloudy
Post- clear

WATER QUALITY PARAMETERS

	Time	pH	Conductivity	Temp	D.O.	ORP
Pre-Purge	8:24	3.74	0.181	16.22°c	5.75	69.7
Mid-Purge	8:32	3.86	0.224	16.52°c	5.37	101.5
Post-Purge	8:38	3.85	0.221	16.72°c	5.76	110.05

SAMPLING ACTIVITIES

Sampling Date: 8-12-08
Inventory of sample containers: 3 40 mL. Voas w/HCL

Description of groundwater:
Comments & Observations: PID 0

Name of sampler(s): R.B. + J.M.

MONITORING WELL FIELD PARAMETER DATA

SITE NAME: Oser Ave.
SITE NUMBER:
WELL ID: ITMW-00-17D
GAUGE DATE: 8-12-08
SOUNDING METHOD: Solinst Probe

WEATHER: Cloudy, 70°
WELL CONDITION: Good
GAUGE TIME: 8:56
REFERENCE POINT: TOC
WELL DIAMETER (IN.): 2"

CALCULATION OF WELL VOLUME

A. Well Depth (ft.):	+100
B. Depth to Water (ft.):	48.52
C. Liquid Depth (ft.) [A-B]:	51.48
D. Well Vol./Ft.(see table):	.16
E. Well Volume (gal.) [C*D]:	8.23
F. Three Well Vols [E*3]	41.18

D.: Well Vol./Ft.: Well Diameter	Gallon/Ft.
2-in.	0.16
4-in.	0.65
6-in.	1.47
8-in.	2.61
12-in.	5.87

PURGING ACTIVITIES

Purge Method: Grundfos / Redi Flow Pump
Purge Time: 41 min.
Purge Rate (gpm): 1.0 gpm

Description of activity (i.e.- visual observation of water quality, did well pump dry)
Pre- Cloudy
Mid. Cloudy
Post. Clear

WATER QUALITY PARAMETERS

	Time	pH	Conductivity	Temp	D.O.	ORP
Pre-Purge	9:13	3.49	0.092	17.41°C	2.91	130.5
Mid-Purge	9:23	3.49	0.100	17.97°C	3.10	141.4
Post-Purge	9:54	3.26	0.096	20.32°C	2.55	154.2

SAMPLING ACTIVITIES

Sampling Date: 8-12-08
Inventory of sample containers: 3 - 40 mL. Vials w/ice

Description of groundwater:
Comments & Observations: PID Ø

Name of sampler(s): R.B + Jim.

MONITORING WELL FIELD PARAMETER DATA

SITE NAME: Osen Ave.
SITE NUMBER:
WELL ID: JT MW-00-175
GAUGE DATE: 8-12-08
SOUNDING METHOD: Solinst Probe

WEATHER: Cloudy, 70°
WELL CONDITION: Good
GAUGE TIME: 8:58
REFERENCE POINT: TOC
WELL DIAMETER (IN.): 2"

CALCULATION OF WELL VOLUME

A. Well Depth (ft.):	80.40
B. Depth to Water (ft.):	45.34
C. Liquid Depth (ft.) [A-B]:	35.06
D. Well Vol./Ft.(see table):	.16
E. Well Volume (gal.) [C*D]:	5.60
F. Three Well Vols [E*3]	28.04

D.: Well Vol./Ft.: Well Diameter	Gallon/Ft.
2-in.	0.16
4-in.	0.65
6-in.	1.47
8-in.	2.61
12-in.	5.87

PURGING ACTIVITIES

Purge Method: Grundfos / Redi Flow Pump.
Purge Time: 28 min.
Purge Rate (gpm): 1.0 gpm.

Description of activity (i.e.- visual observation of water quality, did well pump dry)

Pre- Cloudy
Mid clear
Post- Clear

WATER QUALITY PARAMETERS

	Time	pH	Conductivity	Temp	D.O.	ORP
Pre-Purge	10:05	3.76	0.356	17.16°C	4.63	133.7
Mid-Purge	10:20	3.99	0.364	19.42°C	4.33	123.0
Post-Purge	10:34	3.88	0.369	18.39°C	4.38	128.5

SAMPLING ACTIVITIES

Sampling Date: 8-12-08
Inventory of sample containers: 3 40 ML VOAs W/ HCL

Description of groundwater:
Comments & Observations: PID Ø

Name of sampler(s): R.B. + J.M.

MONITORING WELL FIELD PARAMETER DATA

SITE NAME: Osco Ave.
SITE NUMBER:
WELL ID: ITMW-00-185
GAUGE DATE: 8-12-08
SOUNDING METHOD: Solinst Probe

WEATHER: Partly Cloudy, 75°
WELL CONDITION: Good
GAUGE TIME: 10:55
REFERENCE POINT: TOC
WELL DIAMETER (IN.): 2"

CALCULATION OF WELL VOLUME

A. Well Depth (ft.):	64.10
B. Depth to Water (ft.):	51.17
C. Liquid Depth (ft.) [A-B]:	12.93
D. Well Vol./Ft.(see table):	.16
E. Well Volume (gal.) [C*D]:	2.06
F. Three Well Vols [E*3]	10.34

D.: Well Vol./Ft.: Well Diameter	Gallon/Ft.
2-in.	0.16
4-in.	0.65
6-in.	1.47
8-in.	2.61
12-in.	5.87

PURGING ACTIVITIES

Purge Method: Grunfos/Redi Flow Pump
Purge Time: 11 min.
Purge Rate (gpm): 1.0 gpm.

Description of activity (i.e.- visual observation of water quality, did well pump dry)

Pre - Brown
Mid - light brown
Post: clear

WATER QUALITY PARAMETERS

	Time	pH	Conductivity	Temp	D.O.	ORP
Pre-Purge	10:58	3.61	0.370	17.47°c	5.35	101.1
Mid-Purge	11:04	3.62	0.365	17.55°c	4.27	18.2
Post-Purge	11:11	3.68	0.364	17.10°c	3.73	131.3

SAMPLING ACTIVITIES

Sampling Date: 8-12-08
Inventory of sample containers: 3 40 mL. VOAs w/ HCl

Description of groundwater:
Comments & Observations: PID

Name of sampler(s): R.B. & J.M.

MONITORING WELL FIELD PARAMETER DATA

SITE NAME: Oser Ave.
SITE NUMBER:
WELL ID: ITMW- 01- 18D
GAUGE DATE: 8-12-08
SOUNDING METHOD: Solinist Probe

WEATHER: Partly Cloudy 75°
WELL CONDITION: Good
GAUGE TIME: 10:59
REFERENCE POINT: TOC
WELL DIAMETER (IN.): 2"

CALCULATION OF WELL VOLUME

A. Well Depth (ft.):	~~74.95~~ 100+
B. Depth to Water (ft.):	57.99
C. Liquid Depth (ft.) [A-B]:	42.01
D. Well Vol./Ft.(see table):	.16
E. Well Volume (gal.) [C*D]:	6.72
F. Three Well Vols [E*3]	33.60

D.: Well Vol./Ft.: Well Diameter	Gallon/Ft.
(2-in.)	(0.16)
4-in.	0.65
6-in.	1.47
8-in.	2.61
12-in.	5.87

PURGING ACTIVITIES

Purge Method: Grundfos / Redi Flow
Purge Time: 34 min.
Purge Rate (gpm): 1.0 gpm

Description of activity (i.e.- visual observation of water quality, did well pump dry)
Pre - Clear
Mid - Clear
Post - Clear

WATER QUALITY PARAMETERS

	Time	pH	Conductivity	Temp	D.O.	ORP
Pre-Purge	11:25	3.15	0.067	17.35°C	4.58	93.4
Mid-Purge	11:33	3.34	0.082	17.58°C	4.07	111.0
Post-Purge	11:47	3.31	0.082	17.20°C	4.69	112.8

SAMPLING ACTIVITIES

Sampling Date: 8-12-08
Inventory of sample containers: 3 40 mL. VOAs W/HCL

Description of groundwater:
Comments & Observations: PID Ø

Name of sampler(s): R.B. + J.M.

MONITORING WELL FIELD PARAMETER DATA

SITE NAME: Oser Ave.
SITE NUMBER:
WELL ID: MW-25D
GAUGE DATE: 8-12-08
SOUNDING METHOD: Solinst Probe

WEATHER: Sunny, 80°
WELL CONDITION: Good
GAUGE TIME: 13:15
REFERENCE POINT: TOC
WELL DIAMETER (IN.): 2"

CALCULATION OF WELL VOLUME

A. Well Depth (ft.):	100 +
B. Depth to Water (ft.):	46.44
C. Liquid Depth (ft.) [A-B]:	53.56
D. Well Vol./Ft.(see table):	.16
E. Well Volume (gal.) [C*D]:	8.56
F. Three Well Vols [E*3]	42.84

D.: Well Vol./Ft.: Well Diameter	Gallon/Ft.
2-in.	0.16
4-in.	0.65
6-in.	1.47
8-in.	2.61
12-in.	5.87

PURGING ACTIVITIES

Purge Method: Grundfos / Redi Flow Pump
Purge Time: 43 min.
Purge Rate (gpm): 1.0 gpm

Description of activity (i.e.- visual observation of water quality, did well pump dry)
Pre- Cloudy
Mid- Clear
Post- Clear

WATER QUALITY PARAMETERS

	Time	pH	Conductivity	Temp	D.O.	ORP
Pre-Purge	1:24	2.97	0.074	18.57°c	4.24	127.7
Mid-Purge	1:47	2.94	0.064	17.12°c	3.78	138.5
Post-Purge	2:03	2.68	0.046	17.85°c	4.05	144.0

SAMPLING ACTIVITIES

Sampling Date: 8-12-08
Inventory of sample containers: 3

Description of groundwater:
Comments & Observations:

Name of sampler(s):

MONITORING WELL FIELD PARAMETER DATA

SITE NAME: Osler Ave.
SITE NUMBER:
WELL ID: ~~ITMW-02-23D~~ ITMW-02-220 (DD)
GAUGE DATE: 8-12-08
SOUNDING METHOD: Sl/water Probe

WEATHER: Sunny 80°
WELL CONDITION: Good
GAUGE TIME: 14:10
REFERENCE POINT: TOC
WELL DIAMETER (IN.): 2"

CALCULATION OF WELL VOLUME

A. Well Depth (ft.):	100 ±
B. Depth to Water (ft.):	28.58
C. Liquid Depth (ft.) [A-B]:	71.42
D. Well Vol./Ft.(see table):	.16
E. Well Volume (gal.) [C*D]:	11.42
F. Three Well Vols [E*3]	57.13

D.: Well Vol./Ft.: Well Diameter	Gallon/Ft.
(2-in.)	(0.16)
4-in.	0.65
6-in.	1.47
8-in.	2.61
12-in.	5.87

PURGING ACTIVITIES

Purge Method: Grunfos/Redi Flow Pump
Purge Time: 57 min.
Purge Rate (gpm): 1.0 gpm.

Description of activity (i.e.- visual observation of water quality, did well pump dry)
Pre- cloudy
Mid- clear
Post- clear

WATER QUALITY PARAMETERS

	Time	pH	Conductivity	Temp	D.O.	ORP
Pre-Purge	2:30	3.20	0.066	17.64°c	1.87	113.8
Mid-Purge	2:55	2.99	0.067	17.64°c	1.66	113.3
Post-Purge	3:12	2.95	0056	16.82°c	2.04	116.3

SAMPLING ACTIVITIES

Sampling Date: 8-12-08
Inventory of sample containers: 3 40 mL. VOAs W/HCL

Description of groundwater:
Comments & Observations: PID 0

Name of sampler(s): R.B + J.M.

MONITORING WELL FIELD PARAMETER DATA

SITE NAME: Oser Ave.
SITE NUMBER:
WELL ID: [redacted] ~~ITMW-02-23S~~ (D) ITMW-02-22S
GAUGE DATE: 8-12-08
SOUNDING METHOD: Sol mist Probe

WEATHER: Sunny, 80°
WELL CONDITION: Good
GAUGE TIME: 14:15
REFERENCE POINT: TOC
WELL DIAMETER (IN.): 2"

CALCULATION OF WELL VOLUME

A. Well Depth (ft.):	79.45
B. Depth to Water (ft.):	25.98
C. Liquid Depth (ft.) [A-B]:	53.47
D. Well Vol./Ft.(see table):	.16
E. Well Volume (gal.) [C*D]:	8.55
F. Three Well Vols [E*3]	42.77

D.: Well Vol./Ft.: Well Diameter	Gallon/Ft.
(2-in.)	(0.16)
~~4-in.~~	0.65
6-in.	1.47
8-in.	2.61
12-in.	5.87

PURGING ACTIVITIES

Purge Method: Grundfos / Redi flow Pump
Purge Time: 5:20
Purge Rate (gpm): 1.0 gpm.

Description of activity (i.e.- visual observation of water quality, did well pump dry)
Pre- Light brown
Mod- Clear
Post- Clear

WATER QUALITY PARAMETERS

	Time	pH	Conductivity	Temp	D.O.	ORP
Pre-Purge	3:30	3.45	0.265	17.21°c	1.72	113.1
Mid-Purge	3:50	3.55	0.272	18.27°c	0.95	94.6
Post-Purge	4:05	3.57	0.277	17.01°c	0.89	96.3

SAMPLING ACTIVITIES

Sampling Date: 8-12-08
Inventory of sample containers: 3 40mL. Vocs w/ HCL

Description of groundwater:
Comments & Observations: PID Ø

Name of sampler(s): R.B. + J.M.

MONITORING WELL FIELD PARAMETER DATA

SITE NAME: Oseer Ave.
SITE NUMBER:
WELL ID: ~~ITMW-02-22D~~ ITMW-01-21D (DW)
GAUGE DATE: 8-13-08
SOUNDING METHOD: Solinst Probe

WEATHER: Sunny 70°
WELL CONDITION: Good
GAUGE TIME: 8:15
REFERENCE POINT: TOC
WELL DIAMETER (IN.): 2"

CALCULATION OF WELL VOLUME

A. Well Depth (ft.):	+100.
B. Depth to Water (ft.):	46.68
C. Liquid Depth (ft.) [A-B]:	53.32
D. Well Vol./Ft.(see table):	.16
E. Well Volume (gal.) [C*D]:	8.53
F. Three Well Vols [E*3]	42.65

D.: Well Vol./Ft.: Well Diameter	Gallon/Ft.
(2-in.)	(0.16)
4-in.	0.65
6-in.	1.47
8-in.	2.61
12-in.	5.87

PURGING ACTIVITIES

Purge Method: Grunfos / Redi Flow Pump
Purge Time: 43 min.
Purge Rate (gpm): 1.0 gpm.

Description of activity (i.e.- visual observation of water quality, did well pump dry)
Pre- cloudy tan
Mid- clear
Post- clear

WATER QUALITY PARAMETERS

	Time	pH	Conductivity	Temp	D.O.	ORP
Pre-Purge	8:25	4.32	~~.000~~,078	16.39	.90	59.0
Mid-Purge	8:46	3.51	.047	15.86	.80	~~95.2~~
Post-Purge	9:08	3.50	.050	16.41	1.03	123.6

SAMPLING ACTIVITIES

Sampling Date: 8-13-08
Inventory of sample containers: 3 40 ML. VOAs W/ HCL

Description of groundwater:
Comments & Observations: PID 0

Name of sampler(s): R.B. + B. L.

MONITORING WELL FIELD PARAMETER DATA

SITE NAME: Oser Ave.
SITE NUMBER:
WELL ID: ~~FTMW-01-21D~~ Extra well (ET-01) DW
GAUGE DATE: 8-13-08
SOUNDING METHOD: Solinst Probe

WEATHER: Sunny, 70°
WELL CONDITION: Good
GAUGE TIME: 8:42
REFERENCE POINT: TOC
WELL DIAMETER (IN.): 2"

CALCULATION OF WELL VOLUME

A. Well Depth (ft.):	~~100~~
B. Depth to Water (ft.):	51.22
C. Liquid Depth (ft.) [A-B]:	48.78
D. Well Vol./Ft.(see table):	.16
E. Well Volume (gal.) [C*D]:	7.80
F. Three Well Vols [E*3]	39.02

D.: Well Vol./Ft.: Well Diameter	Gallon/Ft.
2-in	0.16
4-in.	0.65
6-in.	1.47
8-in.	2.61
12-in.	5.87

PURGING ACTIVITIES

Purge Method: Grunfos / Redi flow Pump
Purge Time: 39 min.
Purge Rate (gpm): 1.0 Spm.

Description of activity (i.e.- visual observation of water quality, did well pump dry)

Pre- clear
Mid- clear
Post- clear

WATER QUALITY PARAMETERS

	Time	pH	Conductivity	Temp	D.O.	ORP
Pre-Purge	9:27	3.24	0.033	16.77	5.53	137.1
Mid-Purge	9:45	3.09	.030	15.93	5.81	149.0
Post-Purge		3.21	.030	15.56	5.99	141.1

SAMPLING ACTIVITIES

Sampling Date: 8-13-08
Inventory of sample containers: 3 40 ML. VOAs W/HCL

Description of groundwater:
Comments & Observations: PID Ø

Name of sampler(s): R.B. + B.L.

MONITORING WELL FIELD PARAMETER DATA

SITE NAME: Oser Ave.
SITE NUMBER:
WELL ID: MW-29S
GAUGE DATE: 8-13-08
SOUNDING METHOD: Silvanost Tape

WEATHER: Sunny, 75° Good
WELL CONDITION:
GAUGE TIME: 10:37
REFERENCE POINT: TOC
WELL DIAMETER (IN.): 2"

CALCULATION OF WELL VOLUME

A. Well Depth (ft.):	28.14
B. Depth to Water (ft.):	4.49
C. Liquid Depth (ft.) [A-B]:	23.65
D. Well Vol./Ft.(see table):	.16
E. Well Volume (gal.) [C*D]:	3.78
F. Three Well Vols [E*3]	18.90

D.: Well Vol./Ft.: Well Diameter	Gallon/Ft.
2-in.	0.16
4-in.	0.65
6-in.	1.47
8-in.	2.61
12-in.	5.87

PURGING ACTIVITIES

Purge Method: Grundfos / Redi flow Pump
Purge Time: 19 min.
Purge Rate (gpm): 1.0 gpm.

Description of activity (i.e.- visual observation of water quality, did well pump dry)
Pre- very cloudy, tan color
Mid- little cloudy, light tan color
Post-

WATER QUALITY PARAMETERS

	Time	pH	Conductivity	Temp	D.O.	ORP
Pre-Purge	10:42	4.21	.741	18.78	0.98	11.9
Mid-Purge	10:53	3.98	.544	17.79	1.73	20.9
Post-Purge	10:58	3.91	.514	17.84	1.40	34.7

SAMPLING ACTIVITIES

Sampling Date: 8-13-08
Inventory of sample containers: 3 40 mL. VOA w/HCl

Description of groundwater:
Comments & Observations: PID Ø

Name of sampler(s): R.B. + B.L.

MONITORING WELL FIELD PARAMETER DATA

SITE NAME: Oser Ave.
SITE NUMBER:
WELL ID: MW-26 D
GAUGE DATE: 8-13-08
SOUNDING METHOD: Solinst Probe

WEATHER: Sunny 75°
WELL CONDITION: Good
GAUGE TIME: 1620
REFERENCE POINT: TOC
WELL DIAMETER (IN.): 2"

CALCULATION OF WELL VOLUME

A. Well Depth (ft.):	+/-100
B. Depth to Water (ft.):	2.33
C. Liquid Depth (ft.) [A-B]:	97.67
D. Well Vol./Ft.(see table):	.16
E. Well Volume (gal.) [C*D]:	15.62
F. Three Well Vols [E*3] 5	78.13

D.: Well Vol./Ft.: Well Diameter	Gallon/Ft.
(2-in.)	(0.16)
4-in.	0.65
6-in.	1.47
8-in.	2.61
12-in.	5.87

PURGING ACTIVITIES

Purge Method: Grundfos / Redi Flow Pumps
Purge Time: 78 min. 1 hr. 18 min.
Purge Rate (gpm): 1.0 gpm.

Description of activity (i.e.- visual observation of water quality, did well pump dry)
Pre- little cloudy, mostly ~~brown~~ grayish
Mid- little cloudy, grayish
Post semi transparent grayish

WATER QUALITY PARAMETERS

	Time	pH	Conductivity	Temp	D.O.	ORP
Pre-Purge	12:11	3.43	0.097	16.06	2~~0~~.63	112.5
Mid-Purge	12:45	3.49	0.098	16.99	2.71	118.9
Post-Purge	1:10	2.70	0.038	15.94	0.91	136.9

SAMPLING ACTIVITIES

Sampling Date: 8-13-08
Inventory of sample containers: 3 40 mL. VOAs W/HCl

Description of groundwater:
Comments & Observations: PID Ø

Name of sampler(s): R.B. + J.M.

MONITORING WELL FIELD PARAMETER DATA

SITE NAME: Ozer
SITE NUMBER:
WELL ID: MW-26 F
GAUGE DATE: 8-13-08
SOUNDING METHOD: Solinist Probe

WEATHER: Sunny 80°
WELL CONDITION: Good
GAUGE TIME: 11:25
REFERENCE POINT: TOC
WELL DIAMETER (IN.): 2"

CALCULATION OF WELL VOLUME

A. Well Depth (ft.):	+100
B. Depth to Water (ft.):	2.16
C. Liquid Depth (ft.) [A-B]:	97.84
D. Well Vol./Ft.(see table):	.16
E. Well Volume (gal.) [C*D]:	15.65
F. Three Well Vols [E*3]	78.27

D.: Well Diameter	Vol./Ft.: Gallon/Ft.
(2-in.)	(0.16)
4-in.	0.65
6-in.	1.47
8-in.	2.61
12-in.	5.87

PURGING ACTIVITIES

Purge Method: Grunfos / Rediflow Pump.
Purge Time: 78 min.
Purge Rate (gpm): 1.0 gpm.

Description of activity (i.e.- visual observation of water quality, did well pump dry)
Pre-
Mud.
Test.

WATER QUALITY PARAMETERS

	Time	pH	Conductivity	Temp	D.O.	ORP
Pre-Purge	1:20	2.64	~~0.006~~ 3.034	16.09	1.11	87.1
Mid-Purge	1:40	2.91	0.034	20.51	1.56	87.5
Post-Purge	2:05	2.68	0.033	18.16	.95	88.6

SAMPLING ACTIVITIES

Sampling Date: 8-13-08
Inventory of sample containers: 3 40 mL. VOAs W/HCl

Description of groundwater:
Comments & Observations: PID 0

Name of sampler(s): R.S. + B.L.

MONITORING WELL FIELD PARAMETER DATA

SITE NAME: Oser Ave
SITE NUMBER:
WELL ID: MW-305
GAUGE DATE: 8-13-08
SOUNDING METHOD: Solinst Probe

WEATHER: Sunny, 80°
WELL CONDITION: Good
GAUGE TIME: 14:41
REFERENCE POINT: TOC
WELL DIAMETER (IN.): 2"

CALCULATION OF WELL VOLUME

A. Well Depth (ft.):	27.74
B. Depth to Water (ft.):	21.49
C. Liquid Depth (ft.) [A-B]:	6.25
D. Well Vol./Ft.(see table):	.16
E. Well Volume (gal.) [C*D]:	1
F. Three Well Vols [E*3]	3 5

D.: Well Vol./Ft.: Well Diameter	Gallon/Ft.
2-in.	~~0.16~~
4-in.	0.65
6-in.	1.47
8-in.	2.61
12-in.	5.87

PURGING ACTIVITIES

Purge Method: Grundfos / Redi Flow Pump
Purge Time: 5 min.
Purge Rate (gpm): 1.0 gpm.

Description of activity (i.e.- visual observation of water quality, did well pump dry)
Rec - cloudy, brown
Mid - semi clear, tan
Post clear, light tan

WATER QUALITY PARAMETERS

	Time	pH	Conductivity	Temp	D.O.	ORP
Pre-Purge	2:45	4.17	1.002	16.23	2.92	101.3
Mid-Purge	2:48	4.06	1.017	15.17	2.95	112.1
Post-Purge	2:51	4.01	.996	15.16	2.90	116.4

SAMPLING ACTIVITIES

Sampling Date: 8-13-08
Inventory of sample containers: 3 40 ml. Vials w/ HCl

Description of groundwater:
Comments & Observations: PID 0

Name of sampler(s): R.B. + B.L.

MONITORING WELL FIELD PARAMETER DATA

SITE NAME: Oser Ave.
SITE NUMBER:
WELL ID: MW-26S
GAUGE DATE: 8-13-08
SOUNDING METHOD: Silmost Probe

WEATHER: Sunny, 75°
WELL CONDITION: Good
GAUGE TIME: 11:18
REFERENCE POINT: TOC
WELL DIAMETER (IN.): 2"

CALCULATION OF WELL VOLUME

A. Well Depth (ft.):	27.76
B. Depth to Water (ft.):	3.73
C. Liquid Depth (ft.) [A-B]:	~~23.76~~ 24.03
D. Well Vol./Ft.(see table):	.16
E. Well Volume (gal.) [C*D]:	3.84
F. Three Well Vols [E*3]	11.592

D.: Well Vol./Ft.: Well Diameter	Gallon/Ft.
2-in.	0.16
4-in.	0.65
6-in.	1.47
8-in.	2.61
12-in.	5.87

PURGING ACTIVITIES

Purge Method: Grundfos / Redi Flow Pump
Purge Time: 12 min.
Purge Rate (gpm): 1.0 gpm.

Description of activity (i.e.- visual observation of water quality, did well pump dry)
Pre- cloudy, brown color
mid- partially cloudy, light tan
Post- clear

WATER QUALITY PARAMETERS

	Time	pH	Conductivity	Temp	D.O.	ORP
Pre-Purge	11:43	3.65	.270	16.63	1.88	86.5
Mid-Purge	11:52	3.75	.260	17.01	1.56	95.3
Post-Purge	11:59	3.80	.263	16.61	2.13	100.1

SAMPLING ACTIVITIES

Sampling Date: 8-13-08
Inventory of sample containers: 3 40 mL. VOAs W/HCl

Description of groundwater:
Comments & Observations: PID. Ø

Name of sampler(s): R.B. + B.C.

MONITORING WELL FIELD PARAMETER DATA

SITE NAME: Oser Ave
SITE NUMBER:
WELL ID: MW-28D
GAUGE DATE: 8/22/08
SOUNDING METHOD: Interface Probe

WEATHER: 83°
WELL CONDITION: nice
GAUGE TIME: 9:05
REFERENCE POINT: TOC
WELL DIAMETER (IN.): 2"

CALCULATION OF WELL VOLUME

A. Well Depth (ft.):	100+
B. Depth to Water (ft.):	37.29
C. Liquid Depth (ft.) [A-B]:	62.71
D. Well Vol./Ft.(see table):	10.03@.16
E. Well Volume (gal.) [C*D]:	
F. ~~Three~~ Well Vols [E*3] 5 five	50.15

D.: Well Vol./Ft.: Well Diameter	Gallon/Ft.
2-in.	0.16
4-in.	0.65
6-in.	1.47
8-in.	2.61
12-in.	5.87

PURGING ACTIVITIES

Purge Method: Grundfos RediFlow pump
Purge Time: 9:50
Purge Rate (gpm): ~1 gpm

Description of activity (i.e.- visual observation of water quality, did well pump dry)

Pre Clear
Mid ~~Heavy~~ Cloudy
Post ~~Clear~~ ~~Cloudy~~ clearer

WATER QUALITY PARAMETERS

	Time	pH	Conductivity	Temp	D.O.	ORP
Pre-Purge	9:50	6.45	84	16.79°C	.79	+53.5
Mid-Purge	10:05	6.02	78	17.92°C	1.03	+47.2
Post-Purge	10:40	6.27	42	18.87	2.25	+53.1

SAMPLING ACTIVITIES

Sampling Date:
Inventory of sample containers: 3 VOAs w/ HCl
Description of groundwater: Clear to cloudy 1/2 way through, then clearing again
Comments & Observations:

Name of sampler(s): VAC / JM
Sample Time: 10:45

MONITORING WELL FIELD PARAMETER DATA

SITE NAME: OSeco Apt.
SITE NUMBER:
WELL ID: MW-27D
GAUGE DATE: 8-22-08
SOUNDING METHOD: Interface Probe

WEATHER: 85°
WELL CONDITION: Good
GAUGE TIME: 11:13
REFERENCE POINT: TOC
WELL DIAMETER (IN.): 2"

CALCULATION OF WELL VOLUME

A. Well Depth (ft.):	100 FT +
B. Depth to Water (ft.):	40.14 FT
C. Liquid Depth (ft.) [A-B]:	59.86 FT.
D. Well Vol./Ft.(see table):	9.57
E. Well Volume (gal.) [C*D]:	
F. ~~Three~~ Five Well Vols [E*3]	47.8

D.: Well Vol./Ft.:

Well Diameter	Gallon/Ft.
2-in.	0.16
4-in.	0.65
6-in.	1.47
8-in.	2.61
12-in.	5.87

PURGING ACTIVITIES

Purge Method: Grundfos Redi-Flow
Purge Time: 11:25
Purge Rate (gpm): ~1 gpm

Description of activity (i.e.- visual observation of water quality, did well pump dry)
Pre-Purge = clear
mid-purge = cloudy
Post-purge = clear

WATER QUALITY PARAMETERS

	Time	pH	Conductivity	Temp	D.O.	ORP
Pre-Purge	11:25	7.78	64	16.96	2.82	-35.4
Mid-Purge	11:50	6.51	61	16.32	2.19	+53.1
Post-Purge	12:18	6.09	60	16.50	2.43	+86.1

SAMPLING ACTIVITIES

Sampling Date: 8-22-08
Inventory of sample containers: 3 VOAs w/HCl

Description of groundwater:
Comments & Observations: Plenty of poison Ivy & Bugs (including Ticks) in ~~Water Area~~

Name of sampler(s): VAC, JW
Sample Time: 12:20

MONITORING WELL FIELD PARAMETER DATA

SITE NAME: OSEA Air.
SITE NUMBER:
WELL ID: ITMW-02-23D
GAUGE DATE: 8-22-08
SOUNDING METHOD: Interface probe

WEATHER: 83°
WELL CONDITION: good
GAUGE TIME: 1:10
REFERENCE POINT: TOC
WELL DIAMETER (IN.): 2

CALCULATION OF WELL VOLUME

A. Well Depth (ft.):	90.07
B. Depth to Water (ft.):	25.05
C. Liquid Depth (ft.) [A-B]:	65.02
D. Well Vol./Ft.(see table):	10.40
E. Well Volume (gal.) [C*D]:	
F. ~~Three~~ Well Vols [~~E*3~~] 5 Five	52.0

D.: Well Vol./Ft.: Well Diameter	Gallon/Ft.
2-in.	0.16
4-in.	0.65
6-in.	1.47
8-in.	2.61
12-in.	5.87

PURGING ACTIVITIES

Purge Method: Grundfos RediFlow
Purge Time: 1:15
Purge Rate (gpm): ~1 gpm

Description of activity (i.e.- visual observation of water quality, did well pump dry)
Pre-purge = clear
Mid-Purge = Clear
Post-Purge = Clear

WATER QUALITY PARAMETERS

	Time	pH	Conductivity	Temp	D.O.	ORP
Pre-Purge	1:15	7.66	81	20.62	.77	-10.4
Mid-Purge	1:40	6.02	68	19.58	.24	+89.9
Post-Purge	2:05	5.44	62	18.68	.36	+139.7

SAMPLING ACTIVITIES

Sampling Date: 8-22-08
Inventory of sample containers: 3 VOAs

Description of groundwater: clear throughout purge
Comments & Observations:

Name of sampler(s): JAC, SM

Sample Time = 2:05

MONITORING WELL FIELD PARAMETER DATA

SITE NAME: OSCAR AVE.
SITE NUMBER:
WELL ID: ITMW-14S
GAUGE DATE: 8-22-08
SOUNDING METHOD: Interface Probe

WEATHER: 85°
WELL CONDITION: Good
GAUGE TIME: 2:30
REFERENCE POINT: TOC
WELL DIAMETER (IN.): 2"

CALCULATION OF WELL VOLUME

A. Well Depth (ft.):	85.0
B. Depth to Water (ft.):	77.49
C. Liquid Depth (ft.) [A-B]:	7.51
D. Well Vol./Ft.(see table):	1.20
E. Well Volume (gal.) [C*D]:	
F. ~~Three~~ Well Vols [E*3] ~~Five~~ 5	6.00

D.: Well Vol./Ft.: Well Diameter	Gallon/Ft.
2-in.	0.16
4-in.	0.65
6-in.	1.47
8-in.	2.61
12-in.	5.87

PURGING ACTIVITIES

Purge Method: Grundfos Redi-flow
Purge Time: 2:40
Purge Rate (gpm): ~1gpm

Description of activity (i.e.- visual observation of water quality, did well pump dry)

WATER QUALITY PARAMETERS

	Time	pH	Conductivity	Temp	D.O.	ORP
Pre-Purge	~~2~~2:45	6.06	541	22.19	4.30	+59.2
Mid-Purge	~~2:55~~					
Post-Purge	2:55	6.07	570	21.12	4.19	+148

SAMPLING ACTIVITIES

Sampling Date: 8-22-08
Inventory of sample containers: 3 VOAS

Description of groundwater: Cloudy @ 1st then
Comments & Observations:
Little water in well. only 6 gal to purge @ 1gpm.

Name of sampler(s):
sample time: 2:55

MONITORING WELL FIELD PARAMETER DATA

SITE NAME: OSCR AVE.
SITE NUMBER:
WELL ID: ITMW-155
GAUGE DATE: 8-22-08
SOUNDING METHOD: Interface Probe

WEATHER: 85°
WELL CONDITION: Good
GAUGE TIME: 3:15
REFERENCE POINT: TOC
WELL DIAMETER (IN.): 2"

CALCULATION OF WELL VOLUME

A. Well Depth (ft.):	85.02
B. Depth to Water (ft.):	69.32
C. Liquid Depth (ft.) [A-B]:	15.7
D. Well Vol./Ft.(see table):	2.51
E. Well Volume (gal.) [C*D]:	
F. ~~Three~~ Well Vols [E*3] 5 Five	12.56

D.: Well Vol./Ft.: Well Diameter	Gallon/Ft.
2-in.	0.16
4-in.	0.65
6-in.	1.47
8-in.	2.61
12-in.	5.87

PURGING ACTIVITIES

Purge Method: Grundfos Redi-Flow
Purge Time: 3:25
Purge Rate (gpm): ~1gpm

Description of activity (i.e.- visual observation of water quality, did well pump dry)
Pre-purge = clear
mid-purge:
post-purge:

WATER QUALITY PARAMETERS

	Time	pH	Conductivity	Temp	D.O.	ORP
Pre-Purge	3:30	6.25	197	26.08	1.18	50.2
Mid-Purge	3:36	5.93	214	21.39	.18	76.8
Post-Purge	3:43	5.79	215	20.11	.17	89.0

SAMPLING ACTIVITIES

Sampling Date: 8-22-08
Inventory of sample containers: 3 VOAs

Description of groundwater:
Comments & Observations:

NOT OF ANTS in well
Name of sampler(s): VAC, JM
Sample Time: 3:45

MONITORING WELL FIELD PARAMETER DATA

SITE NAME: OSER AP.
SITE NUMBER:
WELL ID: IRMW - 02 - 235
GAUGE DATE: 8-22-08
SOUNDING METHOD: Interface Probe

WEATHER: 80°
WELL CONDITION: Good
GAUGE TIME: 1:15
REFERENCE POINT: TOC
WELL DIAMETER (IN.): 2"

CALCULATION OF WELL VOLUME

A. Well Depth (ft.):	80.06
B. Depth to Water (ft.):	17.33
C. Liquid Depth (ft.) [A-B]:	62.73
D. Well Vol./Ft.(see table):	10.03
E. Well Volume (gal.) [C*D]:	
F. ~~Three~~ Well Vols ~~[E*3]~~ 5 five	50.18

D.: Well Vol./Ft.: Well Diameter	Gallon/Ft.
2-in.	0.16
4-in.	0.65
6-in.	1.47
8-in.	2.61
12-in.	5.87

PURGING ACTIVITIES

Purge Method: Grunfos Redi Flow
Purge Time: @ 4:50
Purge Rate (gpm): ~1 gpm

Description of activity (i.e.- visual observation of water quality, did well pump dry)
Pre-purge = clear
mid-purge = clear
Post-Purge = clear

WATER QUALITY PARAMETERS

	Time	pH	Conductivity	Temp	D.O.	ORP
Pre-Purge	4:50	6.28	209	20.54	4.13	71.3
Mid-Purge	5:15	5.68	208	21.25	3.40	118.0
Post-Purge	5:40	5.55	225	17.32	3.51	127.5

SAMPLING ACTIVITIES

Sampling Date: 8-22-08
Inventory of sample containers: 3 VOAs

Description of groundwater:
Comments & Observations:

Name of sampler(s): VAC / JM
Sample Time = 5:42