Well# GP-26

Date 9/11/12

Static Water Level 2.48

Begin Time of Purge 1:37

Monitoring Well Purge and Sample Data Sheet

Site Name PBWO Casco

Total Depth 4 ft. Well Diameter 1 in

Screen Interval 1-4 Formation ab Sample Device TP

DEPARTMENT OF ENVIRONMENTAL PROTECTION · STATE OF MAINE

Time	Water Level	Flow	DO	Temp.	Cond.	pH	ORP	Turb.	Comments
Min.	Feet below MP	mL/Min	mg/L	Celcius	mS/cm	-log[H+]	mV	NTU	
Write Meter Number of Instrument Used			←	451	556 MPS	→		Hach 2100P	
1:43	3.17	90							
1:51	3.19							56.2	
1:54	3.22								
1:56	3.23		2.83	15.87	.047	5.92	60.4		
1:59	3.23		.89	15.72	.044	5.69	30.6		
2:02	3.24		.76	15.64	.043	5.65	28.9	4.54	
									2:04 started sampling

Equilibrium Goals		mL/Ft Information	Samplers:	Laboratory Sample Numbers	
3 consecutive readings 3-5 min. apart		3/4 in well = 87 mL/Ft	Sean Dagnoch	Analysis / Depth	Number
Flow 1-2 mL/Min	Cond. +- 3%	2 in well = 617mL/Ft	Rob Beale	TEPH	
Water Level +- 0.01	pH +- 0.1	4 in well = 2470 mL/Ft		8260	
DO +- 10%	eH +- 10 mV	Record all instrument calibrations in			
Turb +- 10%	Temp. +- 0.1	Instrument Calibration Log Book or Field Book			

Eh Correction for Ag/AgCl probe:
Add 199 mV to ORP value

Date Revised 1/28/2002

Well# GP-33
Date 9/11/12
Static Water Level 2.37
Begin Time of Purge 10:09

Monitoring Well Purge and Sample Data Sheet

Site Name PBWO - Cosco
Total Depth
Well Diameter 1
Screen Interval 1-4 ft
Formation ab
Sample Device peristaltic

DEPARTMENT OF ENVIRONMENTAL PROTECTION · STATE OF MAINE

Time	Water Level	Flow	DO	Temp.	Cond.	pH	ORP	Turb.	Comments
Min.	Feet below MP	mL/Min	mg/L	°Celcius		-log[H+]	mV	NTU	
Write Meter Number of Instrument Used					mS/sec			Hach 2100P	
10:18	2.76	180	1.36	14.88	.079	6.63	15.6		
10:21	2.83	140							
10:24	2.84		.98	14.92	.073	6.27	14.6		
10:29	2.86		.73	14.93	.068	5.89	23.1		
10:33	2.88								
10:34		170							
10:36	2.91	156							
10:38	2.89	125							
10:39			.57	14.95	.066	5.73	18.9		
10:42	2.89	~~150~~	.49	14.97	.065	5.69	18.5		
10:45		150							
10:47	2.88	110	.49	14.99	.064	5.63	19.0		
10:50	2.86		.47	15.02	.064	5.61	18.9		
10:52								40.4	
10:54									started sampling

Equilibrium Goals
3 consecutive readings 3-5 min. apart

Flow 1-2 mL/Min	Cond. +- 3%
Water Level +- 0.01	pH +- 0.1
DO +- 10%	eH +- 10 mV
Turb +- 10%	Temp. +- 0.1

mL/Ft Information
3/4 in well = 87 mL/Ft
2 in well = 617mL/Ft
4 in well = 2470 mL/Ft

Record all instrument calibrations in Instrument Calibration Log Book or Field Book

Samplers:
Sean Dougherty
Rob Peuler

Laboratory Sample Numbers

Analysis / Depth	Number
TEPH	
8260	

Eh Correction for Ag/AgCl probe:
Add 199 mV to ORP value

Date Revised 1/28/2002

Well# HL-1A

Date 9/1?/12

Static Water Level 6.85

Begin Time of Purge 15:38

Monitoring Well Purge and Sample Data Sheet

Site Name FBWO Casco

Total Depth 28 Well Diameter 2

Screen Interval 18-28 Formation Bx Sample Device PP

Time	Water Level	Flow	DO	Temp.	Cond.	pH	ORP	Turb.	Comments
Min.	Feet below MP	mL/Min	mg/L	Celcius	mS/cm	-log[H+]	mV	NTU	
Write Meter Number of Instrument Used			←	457	556 MPS	→	→	Hach 2100P	
15:43	8.08	240	3.01	14.02	0.162	7.08	-89.2	178	iron flocculate in flow cell
15:48	8.68	242	2.37	13.93	0.162	7.33	-39.0	42.4	lowered flow rate 15:45
15:53	8.80	206	2.13	14.10	0.161	7.47	-26.0	14.9	
15:58	8.87	202	2.20	14.18	0.161	7.47	-30.9	6.75	
16:03	8.89	212	1.92	13.93	0.156	6.88	-77.1	3.55	
16:08	8.91	212	1.42	13.96	0.139	6.30	-71.6	2.74	
16:13	8.94	210	1.26	13.91	0.133	6.14	-71.8	3.39	
									collect VOCs @ 16:16

Equilibrium Goals
3 consecutive readings 3-5 min. apart

Flow 1-2 mL/Min	Cond. +- 3%
Water Level +- 0.01	pH +- 0.1
DO +- 10%	eH +- 10 mV
Turb +- 10%	Temp. +- 0.1

Eh Correction for Ag/AgCl probe:
Add 199 mV to ORP value

mL/Ft Information
3/4 in well = 87 mL/Ft
2 in well = 617mL/Ft
4 in well = 2470 mL/Ft

Record all instrument calibrations in Instrument Calibration Log Book or Field Book

Date Revised 1/28/2002

Samplers:
Nancy King
Jason Langley

Laboratory Sample Numbers

Analysis / Depth	Number
VOCs	8260

no lock on well

Well# MW-16A
Date 9/11/12
Static Water Level 2.96
Begin Time of Purge 12:06

Monitoring Well Purge and Sample Data Sheet

Site Name PBWD-CASCO
Total Depth _____ Well Diameter 1 in
Screen Interval 55-65 Formation Bx Sample Device peristaltic

DEPARTMENT OF ENVIRONMENTAL PROTECTION · STATE OF MAINE

Time	Water Level	Flow	DO	Temp.	Cond.	pH	ORP	Turb.	Comments
Min.	Feet below MP	mL/Min	mg/L	Celcius	mS/cm	-log[H+]	mV	NTU	
Write Meter Number of Instrument Used			←	951 556	MPS		→	Hach 2100P	
12:09	3.14								
12:12	3.18	~~140~~							
12:15	3.20	140	4.11	12.98	.115	6.66	10.6		
12:19	3.21		3.34	12.77	.117	6.73	2.2		
12:26	3.23		1.97	12.62	.121	6.87	1.3		
12:31	3.24		1.90	12.39	.122	6.92	1.2		
12:33		150							
12:35	3.25		1.40	12.44	.122	6.89	5.10		
12:41	3.26		1.18	12.36	.122	6.93	4.7		
12:45		152							
12:46	3.28		1.04	12.10	.122	6.94	5.8		
12:50			.80	12.14	.122	6.96	3.3		
12:54	3.27		.70	11.78	.120	6.94	4.9	1.87	
									12:55 started sampling

Equilibrium Goals
3 consecutive readings 3-5 min. apart

Flow 1-2 mL/Min	Cond. +- 3%
Water Level +- 0.01	pH +- 0.1
DO +- 10%	eH +- 10 mV
Turb +- 10%	Temp. +- 0.1

mL/Ft Information
3/4 in well = 87 mL/Ft
2 in well = 617mL/Ft
4 in well = 2470 mL/Ft

Record all instrument calibrations in Instrument Calibration Log Book or Field Book

Samplers:
Sean Dougherty
Rob Reuter

Laboratory Sample Numbers

Analysis / Depth	Number
8260	

Eh Correction for Ag/AgCl probe:
Add 199 mV to ORP value

Date Revised 1/28/2002

39:40

Well# MW-16B
Date 9/11/12
Static Water Level 5.37
Begin Time of Purge 11:25

Monitoring Well Purge and Sample Data Sheet

Site Name PBWO-COSCO
Total Depth
Well Diameter 1 in
Screen Interval 23-33
Formation Box
Sample Device peristaltic

DEPARTMENT OF ENVIRONMENTAL PROTECTION · STATE OF MAINE

Time	Water Level	Flow	DO	Temp.	Cond.	pH	ORP	Turb.	Comments
Min.	Feet below MP	mL/Min	mg/L	Celcius	mS/cm	-log[H+]	mV	NTU	
Write Meter Number of Instrument Used			←	451 SSG	MPS		→	Hach 2100P	
11:32	8.8								
11:39	9.36	90	4.28	13.21	.055	5.89	23.0		
11:42	9.7		4.13	13.21	.054	5.87	22.1		
11:45	9.83		3.96	13.34	.054	5.86	21.7		
11:49	9.99	85	4.17	13.36	.054	5.85	20.4		
11:54	10.1		4.29	13.13	.054	5.83	19.3		
11:58	10.17		4.42	13.12	.053	5.82	21.3	2.48	
									noon - started sampling

Equilibrium Goals
3 consecutive readings 3-5 min. apart

Flow 1-2 mL/Min	Cond. +- 3%
Water Level +- 0.01	pH +- 0.1
DO +- 10%	eH +- 10 mV
Turb +- 10%	Temp. +- 0.1

mL/Ft Information
3/4 in well = 87 mL/Ft
2 in well = 617mL/Ft
4 in well = 2470 mL/Ft

Samplers:
Sean Dougherty
Rob Pentle

Record all instrument calibrations in Instrument Calibration Log Book or Field Book

Laboratory Sample Numbers

Analysis / Depth	Number
8260	

Eh Correction for Ag/AgCl probe:
Add 199 mV to ORP value

Date Revised 1/28/2002

Well# MW-17A

Date 9/12/12

Static Water Level 20.30

Begin Time of Purge 1322

Monitoring Well Purge and Sample Data Sheet

Site Name TPWO Cargo

Total Depth 87 Well Diameter 1

Screen Interval 77-87 Formation Bx Sample Device MP

DEPARTMENT OF ENVIRONMENTAL PROTECTION · STATE OF MAINE

Time	Water Level	Flow	DO	Temp.	Cond.	pH	ORP	Turb.	Comments
Min.	Feet below MP	mL/Min	mg/L	Celcius	mS/cm	-log[H+]	mV	NTU	
Write Meter Number of Instrument Used			YSI 556					Hach 2100P	
1327	20.48	232	2.46	11.63	0.128	7.23	-65.0	0.72	
1332	20.53	236	4.81	10.44	0.126	7.53	-75.7	0.41	
1337	20.55	240	5.13	10.12	0.123	7.94	-44.1	0.76	
1342	20.56	240	4.98	9.89	0.121	8.04	-16.6	0.96	
1347	20.58	246	4.73	9.80	0.121	8.11	-7.5	0.54	
1352	20.58	246	5.00	9.92	0.121	8.16	-0.70	0.61	
									1356 sample for VOCs

Equilibrium Goals
3 consecutive readings 3-5 min. apart

Flow 1-2 mL/Min	Cond. +- 3%
Water Level +- 0.01	pH +- 0.1
DO +- 10%	eH +- 10 mV
Turb +- 10%	Temp. +- 0.1

Eh Correction for Ag/AgCl probe:
Add 199 mV to ORP value

mL/Ft Information
3/4 in well = 87 mL/Ft
2 in well = 617mL/Ft
4 in well = 2470 mL/Ft

Record all instrument calibrations in Instrument Calibration Log Book or Field Book

Samplers: Molly King, Karen Langley

Laboratory Sample Numbers

Analysis / Depth	Number
VOCs	82610

Date Revised 1/28/2002

Monitoring Well Purge and Sample Data Sheet

Well# MW-17B
Date 9/11/12
Static Water Level 14.50
Begin Time of Purge 1410

Site Name PBWO Calais
Total Depth 32 Well Diameter 1
Screen Interval 22-32 Formation Bnx Sample Device AP

Time	Water Level	Flow	DO	Temp.	Cond.	pH	ORP	Turb.	Comments
Min.	Feet below MP	mL/Min	mg/L	Celcius	mS/cm	-log[H+]	mV	NTU	
Write Meter Number of Instrument Used			←	951 55	6 mps		→	Hach 2100P	
1415	15.02	252	8.97	11.07	0.040	6.85	81.9	turbid	Turbidity meter reading error
1420	15.04	300	8.62	10.42	0.037	6.10	105.9	250	1422 - emptied/cleaned flow cell - filled
1425	15.07	268	9.86	10.25	0.036	6.04	141.1	67.6	w/ bentonite @ pump start
1430	15.05	272	9.38	10.13	0.036	5.63	156.2	48.9	
1435	15.07	288	9.04	10.00	0.036	5.59	146.0	34.6	
1440	15.08	280	8.90	10.04	0.036	5.56	143.8	22.2	
									Sample @ 1442 for TEPH, 1,4, Dioxx, VOC's
									all bottles filled 1457

Equilibrium Goals
3 consecutive readings 3-5 min. apart

Flow 1-2 mL/Min	Cond. +- 3%
Water Level +- 0.01	pH +- 0.1
DO +- 10%	eH +- 10 mV
Turb +- 10%	Temp. +- 0.1

Eh Correction for Ag/AgCl probe:
Add 199 mV to ORP value

mL/Ft Information
3/4 in well = 87 mL/Ft
2 in well = 617mL/Ft
4 in well = 2470 mL/Ft

Record all instrument calibrations in Instrument Calibration Log Book or Field Book

Date Revised 1/28/2002

Samplers:
Monty King
Jason Langley

Laboratory Sample Numbers

Analysis / Depth	Number
VOCs	8260
1,4 Dioxane	8270 SIM
TEPH	

DEPARTMENT OF ENVIRONMENTAL PROTECTION · STATE OF MAINE

Well# ~~GP 44~~ MW-18B

Date 9/11/12

Static Water Level 17.81'

Begin Time of Purge 10:21

Monitoring Well Purge and Sample Data Sheet

Site Name PBWO Casco

Total Depth 31' Well Diameter ~~1~~ 2

Screen Interval ~~5-10~~ Formation ~~Sb~~ Brx Sample Device PP

DEPARTMENT OF ENVIRONMENTAL PROTECTION · STATE OF MAINE

Time	Water Level	Flow	DO	Temp.	Cond.	pH	ORP	Turb.	Comments
Min.	Feet below MP	mL/Min	mg/L	Celcius	mS/cm	-log[H+]	mV	NTU	
Write Meter Number of Instrument Used			←	451	456 mS		→	Hach 2100P	
1026	22.01	188	0.96 (MB)	10.97	0.106	7.16	64.0	3.9	lowered flow rate
1031	23.46	148	0.83	11.03	0.088	6.37	48.4	3.81	
~~1036~~	~~24.31~~		~~0.082~~		~~0.78~~	~~6.14~~	~~25.3~~		
1036	24.31	152	0.78	10.96	0.082	6.14	25.3	2.84	lowered flow rate
1041	24.06	110	0.72	11.30	0.083	6.10	29.2	3.25	
1046	23.89	~~108~~ 120 (MB)	0.68	11.66	0.086	6.23	20.8	4.38	
1051	~~24.17~~ (MB)	132	0.54	11.77	0.087	6.14	25.4	3.64	water level meter not reading - unable to measure depth
									Sample 1054 for VOC's
									final depth after sampling ~ 24.19'

Equilibrium Goals
3 consecutive readings 3-5 min. apart

Flow 1-2 mL/Min	Cond. +- 3%
Water Level +- 0.01	pH +- 0.1
DO +- 10%	eH +- 10 mV
Turb +- 10%	Temp. +- 0.1

Eh Correction for Ag/AgCl probe:
Add 199 mV to ORP value

mL/Ft Information
3/4 in well = 87 mL/Ft
2 in well = 617mL/Ft
4 in well = 2470 mL/Ft

Record all instrument calibrations in Instrument Calibration Log Book or Field Book

Samplers: JL, MK

Laboratory Sample Numbers

Analysis / Depth	Number
VOCs	52160

Date Revised 1/28/2002

Well# MW-19A

Date 9/11/12

Static Water Level 17.65

Begin Time of Purge 11:20

Monitoring Well Purge and Sample Data Sheet

Site Name PBWO Cusco

Total Depth 68 Well Diameter 2

Screen Interval 58-68 Formation Grx Sample Device MP

Time	Water Level	Flow	DO	Temp.	Cond.	pH	ORP	Turb.	Comments
Min.	Feet below MP	mL/Min	mg/L	Celcius	mS/cm	-log[H+]	mV	NTU	
Write Meter Number of Instrument Used			←	451	556 mS	→	→	Hach 2100P	
11:25	18.73	190	4.80	10.08	0.119	7.00	58.5	0.67	1124 lowered flow rate
11:30	19.01	196	4.70	9.71	0.118	7.12	54.5	0.48	
11:35	19.20	194	4.62	9.65	0.118	7.23	52.6	0.54	11:34 lowered flow rate
11:40	19.20	166	4.52	9.75	0.118	7.35	45.7	0.60	
11:45	19.21	166	4.57	9.72	0.118	7.49	42.0	0.49	
11:50	19.25	168	4.53	9.69	0.118	7.55	40.0	0.50	collected 3-VOAs @ 11:52

Equilibrium Goals
3 consecutive readings 3-5 min. apart

Flow 1-2 mL/Min	Cond. +- 3%
Water Level +- 0.01	pH +- 0.1
DO +- 10%	eH +- 10 mV
Turb +- 10%	Temp. +- 0.1

Eh Correction for Ag/AgCl probe:
Add 199 mV to ORP value

mL/Ft Information
3/4 in well = 87 mL/Ft
2 in well = 617mL/Ft
4 in well = 2470 mL/Ft

Record all instrument calibrations in Instrument Calibration Log Book or Field Book

Date Revised 1/28/2002

Samplers:
Molly King
Jason Langley

Laboratory Sample Numbers

Analysis / Depth	Number
VOCs	8260

Well# MW-19B

Date 9/11/12

Static Water Level 20.16

Begin Time of Purge 1159

Monitoring Well Purge and Sample Data Sheet

Site Name PBWO Casco

Total Depth 31' Well Diameter 2

Screen Interval 21-31 Formation Brx Sample Device PP

Time	Water Level	Flow	DO	Temp.	Cond.	pH	ORP	Turb.	Comments
Min.	Feet below MP	mL/Min	mg/L	Celcius	mS/cm	-log[H+]	mV	NTU	
Write Meter Number of Instrument Used			←	YSI 556 MPS			→	Hach 2100P	
1204	21.16	196	6.31	9.73	0.099	7.40	47.6	0.76	1205 lowered flow rate
1209	21.78	160	5.69	9.64	0.096	7.03	63.2	0.70	
1214	22.14	168	6.03	9.58	0.094	6.97	64.5	0.53	1216 lowered flow rate
1219	22.32	152	5.82	9.69	0.094	6.97	63.0	0.71	
1224	22.49	148	5.75	9.69	0.094	7.03	60.1	1.57	
									1227 sample TEPH, 1,4-Diox, VOCs
									and dup#2
									1253 all bottles filled

Equilibrium Goals
3 consecutive readings 3-5 min. apart

Flow 1-2 mL/Min	Cond. +- 3%
Water Level +- 0.01	pH +- 0.1
DO +- 10%	eH +- 10 mV
Turb +- 10%	Temp. +- 0.1

mL/Ft Information
3/4 in well = 87 mL/Ft
2 in well = 617mL/Ft
4 in well = 2470 mL/Ft

Record all instrument calibrations in Instrument Calibration Log Book or Field Book

Samplers:
Molly King
Jason Langley

Laboratory Sample Numbers

Analysis / Depth	Number
VOCs	82600
1,4 Dioxane	8270 SIM
TEPH	Mad-40

Eh Correction for Ag/AgCl probe:
Add 199 mV to ORP value

Date Revised 1/28/2002

MW-19C

Well# ~~[illegible]~~

Date 9/11/12

Static Water Level ~~[illegible]~~ 5.16

Begin Time of Purge 2:49

Monitoring Well Purge and Sample Data Sheet

Site Name PBWO CASCO

Total Depth

Well Diameter 2 in

Screen Interval ~~[illegible]~~ 8-13ft

Formation

Sample Device peristaltic

DEPARTMENT OF ENVIRONMENTAL PROTECTION · STATE OF MAINE ·

Time	Water Level	Flow	DO	Temp.	Cond.	pH	ORP	Turb.	Comments
Min.	Feet below MP	mL/Min	mg/L	Celcius	mS/cm	-log[H+]	mV	NTU	
Write Meter Number of Instrument Used			←	451 58	6 MPS		→	Hach 2100P	
2:52	5.80								
2:56	6.47	100							
2:58	6.80		8.57	12.28	.056	6.00	48.5		
3:00	7.06								
3:02	7.58	110	8.28	12.43	.054	5.93	50.7		
3:08	8.14								
3:13	9.06		8.50	12.35	.052	5.91	55.5	8.50	
									3:15 started sampling

Equilibrium Goals
3 consecutive readings 3-5 min. apart

Flow 1-2 mL/Min	Cond. +- 3%
Water Level +- 0.01	pH +- 0.1
DO +- 10%	eH +- 10 mV
Turb +- 10%	Temp. +- 0.1

Eh Correction for Ag/AgCl probe:
Add 199 mV to ORP value

mL/Ft Information
3/4 in well = 87 mL/Ft
2 in well = 617mL/Ft
4 in well = 2470 mL/Ft

Record all instrument calibrations in Instrument Calibration Log Book or Field Book

Date Revised 1/28/2002

Samplers:
Rob Poole

Laboratory Sample Numbers

Analysis / Depth	Number
8260	
TEPH	
1,4-dioxane	
Dup #1 VOCs	

Well# PW-5

Date 9/11/12

Static Water Level

Begin Time of Purge

Monitoring Well Purge and Sample Data Sheet

Site Name PBWO

Total Depth 2 ft Well Diameter

Screen Interval Formation Sib Sample Device PP

Time	Water Level	Flow	DO	Temp.	Cond.	pH	ORP	Turb.	Comments
Min.	Feet below MP	mL/Min	mg/L	Celcius		-log[H+]	mV	NTU	
Write Meter Number of Instrument Used									
16:30	collected	none	water	sample @	Decker	Brook	ATV	trail	bridge
	filled	3	40mL	vials					

Equilibrium Goals	
3 consecutive readings 3-5 min. apart	
Flow 1-2 mL/Min	Cond. +- 3%
Water Level +- 0.01	pH +- 0.1
DO +- 10%	eH +- 10 mV
Turb +- 10%	Temp. +- 0.1

Eh Correction for Ag/AgCl probe:
Add 199 mV to ORP value

mL/Ft Information
3/4 in well = 87 mL/Ft
2 in well = 617mL/Ft
4 in well = 2470 mL/Ft

Record all instrument calibrations in Instrument Calibration Log Book or Field Book

Date Revised 1/28/2002

Samplers:
Molly Kay
Joseph Langley

Laboratory Sample Numbers

Analysis / Depth	Number
VOCs	8260

Well# Hancock PW

Date 9/11/12

Static Water Level

Begin Time of Purge

Monitoring Well Purge and Sample Data Sheet

Site Name RBWB Casco

Total Depth _____ Well Diameter _____

Screen Interval _____ Formation _____ Sample Device _____

Time	Water Level	Flow	DO	Temp.	Cond.	pH	ORP	Turb.	Comments
Min.	Feet below MP	mL/Min	mg/L	Celcius		-log[H+]	mV	NTU	
Write Meter Number of Instrument Used									
4:08									started purging
4:20									collected sample

Equilibrium Goals		mL/Ft Information	Samplers:	Laboratory Sample Numbers	
3 consecutive readings 3-5 min. apart		3/4 in well = 87 mL/Ft	Rob P., Sean D	Analysis / Depth	Number
Flow 1-2 mL/Min	Cond. +- 3%	2 in well = 617mL/Ft		VOC	
Water Level +- 0.01	pH +- 0.1	4 in well = 2470 mL/Ft			
DO +- 10%	eH +- 10 mV	Record all instrument calibrations in			
Turb +- 10%	Temp. +- 0.1	Instrument Calibration Log Book or Field Book			

Eh Correction for Ag/AgCl probe:
Add 199 mV to ORP value

Date Revised 1/28/2002

Hancock DW (Office Kitchen tap)

Well# ~~[illegible]~~

Date 9/11/2012

Static Water Level

Begin Time of Purge 3:40p

Monitoring Well Purge and Sample Data Sheet

Site Name PBWO-Casco

Total Depth

Well Diameter ~~[illegible]~~

Screen Interval ~~[illegible]~~

Formation ~~[illegible]~~

Sample Device ~~[illegible]~~

Time	Water Level	Flow	DO	Temp.	Cond.	pH	ORP	Turb.	Comments
Min.	Feet below MP	mL/Min	mg/L	Celcius		-log[H+]	mV	NTU	
Write Meter Number of Instrument Used									
3:40									
3:50									Collect samples from kitchen tap - Pressure tank kicken on and off several times.

Equilibrium Goals	
3 consecutive readings 3-5 min. apart	
Flow 1-2 mL/Min	Cond. +- 3%
Water Level +- 0.01	pH +- 0.1
DO +- 10%	eH +- 10 mV
Turb +- 10%	Temp. +- 0.1

Eh Correction for Ag/AgCl probe:
Add 199 mV to ORP value

mL/Ft Information
3/4 in well = 87 mL/Ft
2 in well = 617mL/Ft
4 in well = 2470 mL/Ft

Record all instrument calibrations in Instrument Calibration Log Book or Field Book

Samplers: Sean Dougherty

Laboratory Sample Numbers

Analysis / Depth	Number
8260	
TEPH	
1,4-Dioxane	

Date Revised 1/28/2002

Well# GP-44

Date 9/12/12

Static Water Level 10.3

Begin Time of Purge 11:15

Monitoring Well Purge and Sample Data Sheet

Site Name PENO Casco

Total Depth 11.75 BTOC Well Diameter 1

Screen Interval 5-10 BGS Formation Ovb Sample Device PP

DEPARTMENT OF ENVIRONMENTAL PROTECTION · STATE OF MAINE ·

Time	Water Level	Flow	DO	Temp.	Cond.	pH	ORP	Turb.	Comments
Min.	Feet below MP	mL/Min	mg/L	Celcius		-log[H+]	mV	NTU	
Write Meter Number of Instrument Used									
Stop 11:18 purged dry - cloudy tan colored water; allow to									Faint tone on DTW meter
recharge and try to collect sample									
collected grab sample @ 11:39									

Equilibrium Goals
3 consecutive readings 3-5 min. apart

Flow 1-2 mL/Min	Cond. +- 3%
Water Level +- 0.01	pH +- 0.1
DO +- 10%	eH +- 10 mV
Turb +- 10%	Temp. +- 0.1

Eh Correction for Ag/AgCl probe:
Add 199 mV to ORP value

mL/Ft Information
3/4 in well = 87 mL/Ft
2 in well = 617mL/Ft
4 in well = 2470 mL/Ft

Record all instrument calibrations in Instrument Calibration Log Book or Field Book

Samplers: Jason Langley

Laboratory Sample Numbers

Analysis / Depth	Number
8260 VOCs	3 40mL vials

Date Revised 1/28/2002

Well# HL-1B

Date 9/12/12

Static Water Level 7.41

Begin Time of Purge 10:04

Monitoring Well Purge and Sample Data Sheet

Site Name PBWO - Casco

Total Depth 10 Well Diameter 2

Screen Interval 5-10 Formation Silt Sample Device PP

Time	Water Level	Flow	DO	Temp.	Cond.	pH	ORP	Turb.	Comments
Min.	Feet below MP	mL/Min	mg/L	Celcius	mS/cm	-log[H+]	mV	NTU	
Write Meter Number of Instrument Used			← 951	556			→	Hach 2100P	
10:09	7.80	248	0.98	15.86	0.143	6.03	-73.5	6.44	
10:14	7.80	280	0.59	15.90	0.131	5.77	-77.5	4.61	
10:19	7.80	280	0.52	15.69	0.133	5.73	-80.5	4.40	
10:24	7.80	296	0.36	15.54	0.136	5.68	-81.3	4.28	
10:29	7.80	300	0.30	15.49	0.141	5.67	-82.4	3.80	
10:34	7.80	300	0.27	15.46	0.145	5.65	-80.3	3.70	
10:39	7.80	308	0.25	15.43	0.150	5.73	-65.6	3.40	
									collect TEPH/VOCs @ 10:40

Equilibrium Goals
3 consecutive readings 3-5 min. apart

Flow 1-2 mL/Min	Cond. +- 3%
Water Level +- 0.01	pH +- 0.1
DO +- 10%	eH +- 10 mV
Turb +- 10%	Temp. +- 0.1

Eh Correction for Ag/AgCl probe:
Add 199 mV to ORP value

mL/Ft Information
3/4 in well = 87 mL/Ft
2 in well = 617mL/Ft
4 in well = 2470 mL/Ft

Record all instrument calibrations in Instrument Calibration Log Book or Field Book

Date Revised 1/28/2002

Samplers:
Jason Langley

Laboratory Sample Numbers

Analysis / Depth	Number
8260 VOCs	3 vials 40 mL
TEPH	2 1L amber

DEPARTMENT OF ENVIRONMENTAL PROTECTION · STATE OF MAINE

Well# MW-10B

Date 9/12/12

Static Water Level unk

Begin Time of Purge 1410

Monitoring Well Purge and Sample Data Sheet

Site Name FBWO - Casco

Total Depth 19 Well Diameter 2"

Screen Interval 9-19 Formation Ock Sample Device PP

Time	Water Level	Flow	DO	Temp.	Cond.	pH	ORP	Turb.	Comments
Min.	Feet below MP	mL/Min	mg/L	Celcius	mS/cm	-log[H+]	mV	NTU	
Write Meter Number of Instrument Used			←	451	556 MPS		→	Hach 2100P	
1415		124	7.01	13.49	0.015	5.44	170.0	2.11	water level meter not reading
1420		126	5.45	13.24	0.013	5.47	129.3	3.48	
1425		130	4.61	13.19	0.012	4.81	128.8	2.99	
1430		130	3.82	13.19	0.011	4.72	123.5	3.15	
1435		132	3.27	13.25	0.011	4.62	119.7	1.42	
1440		136	2.90	13.26	0.011	4.34	125.7	1.03	
1445		136	2.82	13.28	0.011	4.34	124.8	1.73	
1450		136	3.02	13.27	0.011	4.40	124.9	2.88	
									1453 - sample for TEPH, 1,4, Diox
									and VOCs
									Sample end time 1525

Equilibrium Goals
3 consecutive readings 3-5 min. apart

Flow 1-2 mL/Min	Cond. +- 3%
Water Level +- 0.01	pH +- 0.1
DO +- 10%	eH +- 10 mV
Turb +- 10%	Temp. +- 0.1

Eh Correction for Ag/AgCl probe:
Add 199 mV to ORP value

mL/Ft Information
3/4 in well = 87 mL/Ft
2 in well = 617mL/Ft
4 in well = 2470 mL/Ft

Record all instrument calibrations in Instrument Calibration Log Book or Field Book

Date Revised 1/28/2002

Samplers:
Molly King

Laboratory Sample Numbers

Analysis / Depth	Number
VOCs	8260
TEPH	
1,4 Diox	8260 SIM

DEPARTMENT OF ENVIRONMENTAL PROTECTION · STATE OF MAINE

Well# MW-13A

Date 9/12/12

Static Water Level 9.82

Begin Time of Purge 14:00

Monitoring Well Purge and Sample Data Sheet

Site Name PBWO - Casco

Total Depth 34 Well Diameter 1

Screen Interval 24-34 Formation Brx Sample Device RP

Time	Water Level	Flow	DO	Temp.	Cond.	pH	ORP	Turb.	Comments
Min.	Feet below MP	mL/Min	mg/L	Celcius	mS/cm	-log[H+]	mV	NTU	
Write Meter Number of Instrument Used			← YSI 556 MPS		—	—	— →	Hach 2100P	
14:05	10.53	232	3.28	11.32	0.125	6.36	81.0	7.78	
14:10	10.74	224	4.28	10.54	0.136	6.26	89.1	4.08	
14:15	10.83	232	4.81	10.39	0.139	6.47	79.2	1.76	
14:20	10.90	232	4.99	10.39	0.140	6.67	68.7	1.95	
14:25	10.98	232	4.98	10.25	0.141	6.84	61.3	1.47	
14:30	11.00	232	4.80	10.19	0.141	6.97	56.3	1.64	
14:35	11.03	232	5.00	10.21	0.141	7.06	54.2	1.33	
14:36	started	filling	bottles						
14:57	finished	filling	bottles						

Equilibrium Goals
3 consecutive readings 3-5 min. apart

Flow 1-2 mL/Min	Cond. +- 3%
Water Level +- 0.01	pH +- 0.1
DO +- 10%	eH +- 10 mV
Turb +- 10%	Temp. +- 0.1

mL/Ft Information
3/4 in well = 87 mL/Ft
2 in well = 617mL/Ft
4 in well = 2470 mL/Ft

Record all instrument calibrations in Instrument Calibration Log Book or Field Book

Samplers: Jason Langley

Laboratory Sample Numbers

Analysis / Depth	Number
8260 VOCs	3 40mL vials
TEPH	2 1L amber
1,4 dioxane	2 1L amber

Eh Correction for Ag/AgCl probe:
Add 199 mV to ORP value

Date Revised 1/28/2002

Well# MW-13B

Date 9/12/12

Static Water Level —

Begin Time of Purge 12:35

Monitoring Well Purge and Sample Data Sheet

Site Name PBWO - Cusco

Total Depth 16.5 Well Diameter 2

Screen Interval 6.5-16.5 Formation Sub Sample Device RP

DEPARTMENT OF ENVIRONMENTAL PROTECTION · STATE OF MAINE

Time	Water Level	Flow	DO	Temp.	Cond.	pH	ORP	Turb.	Comments
Min.	Feet below MP	mL/Min	mg/L	Celcius	mS/cm	-log[H+]	mV	NTU	
Write Meter Number of Instrument Used			← 98	556 MPS	—	—	→	2100P Hach	
12:40	—	136	3.85	13.00	0.019	5.31	113.6	7.25	No flow on DTW meter —
12:45	—	144	1.52	12.57	0.015	4.95	130.8	5.66	assume low conductivity
12:50	—	148	1.15	12.43	0.018	4.80	136.0	3.40	Increase flow rate 12:52
12:55	—	172	0.98	12.25	0.018	4.76	135.7	3.53	
13:00	—	184	0.70	12.15	0.017	4.75	132.2	2.66	
13:05	—	188	0.57	12.03	0.017	4.73	131.9	2.38	
13:10	—	192	0.47	11.90	0.018	4.76	126.9	2.86	
13:15	—	208	0.49	11.93	0.018	4.81	122.5	1.86	
13:17	Started filling bottles								
13:42	finished sample collection								

Equilibrium Goals
3 consecutive readings 3-5 min. apart

Flow 1-2 mL/Min	Cond. +- 3%
Water Level +- 0.01	pH +- 0.1
DO +- 10%	eH +- 10 mV
Turb +- 10%	Temp. +- 0.1

Eh Correction for Ag/AgCl probe:
Add 199 mV to ORP value

mL/Ft Information
3/4 in well = 87 mL/Ft
2 in well = 617mL/Ft
4 in well = 2470 mL/Ft

Record all instrument calibrations in Instrument Calibration Log Book or Field Book

Samplers: Jason Lanfley

Date Revised 1/28/2002

Laboratory Sample Numbers

Analysis / Depth	Number	
8260 VOCs	3	40mL vials
TEPH	2	1L amber
1,4 Dioxane	2	1L amber

Well# MW-13Y

Date 9/12/12

Static Water Level 8.58'

Begin Time of Purge 1223

Monitoring Well Purge and Sample Data Sheet

Site Name PBNO, Casco

Total Depth 56' bgs Well Diameter 1"

Screen Interval 46-56' bgs Formation deep bedrk Sample Device PP

DEPARTMENT OF ENVIRONMENTAL PROTECTION · STATE OF MAINE

Time	Water Level	Flow	DO	Temp.	Cond.	pH	ORP	Turb.	Comments
Min.	Feet below MP	mL/Min	mg/L	Celcius	mS/cm	-log[H+]	mV	NTU	
Write Meter Number of Instrument Used			←	95'	56 mS		→	Hach 2100P	
1228	13.11	100	1.99	11.82	0.168	7.10	28.4	9.86	1227 lowered flow rate
1233	14.21	104	1.76	12.28	0.165	7.20	7.2	3.89	1234 lowered flow rate
1238	14.71	82	2.09	12.39	0.162	7.31	6.2	2.03	
1243	14.93 (MK)	86	2.20	12.42	0.160	7.42	6.1	1.30	
1248	15.16	88	2.41	12.42	0.159	7.62	5.7	1.40	
1253	15.33	84	2.69	12.29	0.156	7.69	5.8	1.97	
									1256 - sample for VOC's

Equilibrium Goals
3 consecutive readings 3-5 min. apart

Flow 1-2 mL/Min	Cond. +- 3%
Water Level +- 0.01	pH +- 0.1
DO +- 10%	eH +- 10 mV
Turb +- 10%	Temp. +- 0.1

Eh Correction for Ag/AgCl probe:
Add 199 mV to ORP value

mL/Ft Information
3/4 in well = 87 mL/Ft
2 in well = 617mL/Ft
4 in well = 2470 mL/Ft

Record all instrument calibrations in Instrument Calibration Log Book or Field Book

Date Revised 1/28/2002

Samplers:
Molly King

Laboratory Sample Numbers

Analysis / Depth	Number
VOCs	8260

Well# MW-13Z

Date 9/12/12

Static Water Level 8.72

Begin Time of Purge 1305

Monitoring Well Purge and Sample Data Sheet

Site Name PBWO, casco

Total Depth 91 Well Diameter 1"

Screen Interval 81-91 Formation deep bdrk Sample Device PP

Time	Water Level	Flow	DO	Temp.	Cond.	pH	ORP	Turb.	Comments
Min.	Feet below MP	mL/Min	mg/L	Celcius	mS/cm	-log[H+]	mV	NTU	
Write Meter Number of Instrument Used			←	→ YSI	SSG MPS	→	→	Hach 2100P	
1310	8.92 (mk)	112	2.13	11.58	0.127	6.99	54.0	2.03	
1315	8.93	164	2.98	11.03	0.125	7.00	26.7	1.32	
1320	8.94	168	4.64	10.92	0.124	7.33	25.9	1.93	
1325	8.95	170	5.71	10.66	0.123	7.63	23.1	0.88	
1330	8.96	170	5.88	10.61	0.123	7.80	22.5	~~2.73~~ → 0.67 → condensation vial for 1st reading (mk)	
1335	8.97	172	6.15	10.56	0.123	7.91	22.9	0.79	
1340	8.98	168	5.97	10.62	0.123	7.95	24.4	1.03	
1345	8.98	172	6.14	10.54	0.123	7.97	24.1	1.03	
									1348 - sample for VOCs

Equilibrium Goals
3 consecutive readings 3-5 min. apart

Flow 1-2 mL/Min	Cond. +- 3%
Water Level +- 0.01	pH +- 0.1
DO +- 10%	eH +- 10 mV
Turb +- 10%	Temp. +- 0.1

mL/Ft Information
3/4 in well = 87 mL/Ft
2 in well = 617mL/Ft
4 in well = 2470 mL/Ft

Record all instrument calibrations in Instrument Calibration Log Book or Field Book

Samplers: Molly King

Laboratory Sample Numbers

Analysis / Depth	Number
VOC 8260	

Eh Correction for Ag/AgCl probe:
Add 199 mV to ORP value

Date Revised 1/28/2002

Well# MW-20A

Date 9/12/12

Static Water Level 16.38

Begin Time of Purge 0952

Monitoring Well Purge and Sample Data Sheet

Site Name BWD, Casco

Total Depth 72' bgs Well Diameter 2"

Screen Interval 52-72' bgs Formation Deep Bedrk Sample Device PP

Time	Water Level	Flow	DO	Temp.	Cond.	pH	ORP	Turb.	Comments
Min.	Feet below MP	mL/Min	mg/L	Celcius	mS/cm	-log[H+]	mV	NTU	
Write Meter Number of Instrument Used			←	451	556 mps	→		Hach 2100P	
0957	17.53	132	8.68	9.80	0.249	7.64	46.0	1.91	
1002	18.49	134	7.86	9.57	0.248	7.51	32.8	0.75	1003 - lowered flow rate
1007	19.28	104	7.48	9.53	0.247	7.28	32.2	0.46	
1012	19.94	102	7.52	9.66	0.248	7.17	32.5	0.70	1013 - lowered flow rate
1017	20.51	72	7.26	9.79	0.249	7.13	32.8	0.44	
1022	20.90	70	7.82	10.07	0.250	7.10	33.0	0.41	
1027	21.35	72	7.42	10.13	0.251	7.10	33.1	0.39	
									1030 - sample for VOCs

Equilibrium Goals
3 consecutive readings 3-5 min. apart

Flow 1-2 mL/Min	Cond. +- 3%
Water Level +- 0.01	pH +- 0.1
DO +- 10%	eH +- 10 mV
Turb +- 10%	Temp. +- 0.1

Eh Correction for Ag/AgCl probe:
Add 199 mV to ORP value

mL/Ft Information
3/4 in well = 87 mL/Ft
2 in well = 617mL/Ft
4 in well = 2470 mL/Ft

Record all instrument calibrations in Instrument Calibration Log Book or Field Book

Date Revised 1/28/2002

Samplers: Molly King

Laboratory Sample Numbers

Analysis / Depth	Number
VOCs	5260

Well# MW-20B

Date 9/12/12

Static Water Level 15.37

Begin Time of Purge 1039

Monitoring Well Purge and Sample Data Sheet

Site Name PBWO, Casco

Total Depth 20' bgs Well Diameter 2"

Screen Interval 20-25 bgs Formation shallow - bedrk Sample Device PP

Time	Water Level	Flow	DO	Temp.	Cond.	pH	ORP	Turb.	Comments
Min.	Feet below MP	mL/Min	mg/L	Celcius	mS/cm	-log[H+]	mV	NTU	
Write Meter Number of Instrument Used			←	951	556 MPS	→		Hach 2100P	
1044	15.41	158	7.33	10.18	0.069	6.49	92.1	1.42	
1049	15.41	158	6.18	10.00	0.067	6.15	65.4	1.47	
1054	15.42	160	5.70	9.87	0.067	6.00	63.4	0.88	
1059	15.42	160	5.80	9.82	0.067	5.97	58.4	0.79	
1104	15.43	166	5.80	9.80	0.067	5.89	55.8	0.93	
									1107-sample for VOCs

Equilibrium Goals
3 consecutive readings 3-5 min. apart

Flow 1-2 mL/Min	Cond. +- 3%
Water Level +- 0.01	pH +- 0.1
DO +- 10%	eH +- 10 mV
Turb +- 10%	Temp. +- 0.1

Eh Correction for Ag/AgCl probe:
Add 199 mV to ORP value

mL/Ft Information
3/4 in well = 87 mL/Ft
2 in well = 617mL/Ft
4 in well = 2470 mL/Ft

Record all instrument calibrations in Instrument Calibration Log Book or Field Book

Date Revised 1/28/2002

Samplers:
Molly King

Laboratory Sample Numbers

Analysis / Depth	Number
VOCs	8260