

MONITORING WELL ID: AEC32-MW17-26



Well Type: Groundwater and Soil Vapour Monitoring Wells

Project Location: AEC32-G

Drilling Contractor: Omega Environmental Drilling Ltd.

Drilling Equipment/Method: Sonic

Well Location: AEC 32

Project Name/No.: [REDACTED]

Client: PSPC

Engineer/Geologist: [REDACTED]

Drill Date: July 11, 2017

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Depth (ft/m)	Symbol	Soil / Sediment Description	Sample Type	% Recovery	Sample Analyzed	Sample ID	Headspace (PID)					Well Construction	Remarks
							0	500	1000	1500	2000		
ft m													
-1		Ground Surface											
0		TOPSOIL											
1		SAND Brown, fine grained SAND, some fine gravel and trace silt. Loose, dry, staining and/or odours not observed.	G	95	Y	MW17-26 (0.4) / MW17-U					24.6		Stick-up and Concrete
2		Light brown at 0.7m											Nylon Tubing
3	1												
4			G	100	N	MW17-26 (1.2)					1.2		
5		Moist with trace cobbles at 1.7m											
6			G	100	N	MW17-26 (1.6)					0.8		Soil Vapour Screen
7	2												
8													
9			G	95	Y	MW17-26 (2.7)					2.2		
10	3	Medium to coarse sand and gravel seam at 3.1m											
11			G	95	N	MW17-26 (3.1)					3.7		PVC Casing
12													
13	4												
14		Dry at 4.3m											Bentonite
15			G	95	Y	MW17-26 (4.8)					1.3		
16	5												
17			G	120	N	MW17-26 (5.2)					1.1		
18													
19													
6			G										

Date of Water Level: N/A	Well-Borehole Diameter: 150 mm (6")	Depth of Well (TOC): N/A
Water Level (from TOC): N/A	Well Casing Diameter: N/A	
	Well Casing Material: N/A	
	Well Screen Slot Size: N/A	

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Depth (ft/m)	Symbol	Soil / Sediment Description	Sample Type	% Recovery	Sample Analyzed	Sample ID	Headspace (PID)					Well Construction	Remarks
							0	500	1000	1500	2000		
20	7	Moist at 4.9m Medium to coarse sand and gravel at 5.0m	G	120	N	MW17-26 (6.0)						[REDACTED]	
21													
22	7	Increasing silt at 6.2m	G	120	N	MW17-26 (7.0)	2.0					[REDACTED]	
23													
24	8	Silty SAND Brown, silty fine grained SAND, some fine gravel. Loose, moist, staining and/or odours not observed.	G	120	Y	MW17-26 (7.8)	1.6					[REDACTED]	
25													
26	8		G	120	N	MW17-26 (8.5)	1.0					[REDACTED]	
27													
28	9	Wet at 9.4 to 9.7 m										[REDACTED]	
29													
30	9		G	120	Y	MW17-26 (9.5) / MW17-V	4.1					[REDACTED]	
31													
32	10		G	120	N	MW17-26 (9.8)	0.6					[REDACTED]	
33													
34	11											[REDACTED]	
35													
36	11		G	120	N	MW17-26 (10.9)	0.7					[REDACTED]	
37													
38	12											[REDACTED]	
39													
40	12	SAND Brown, fine to coarse grained SAND. Loose, moist, staining and/or odours not observed.	G	105	N	MW17-26 (12.3)	1.2					[REDACTED]	
41								6.1					
			G	105	N	MW17-26 (12.6)						[REDACTED]	

Date of Water Level: N/A
Water Level (from TOC): N/A

Well-Borehole Diameter: 150 mm (6")
Well Casing Diameter: N/A
Well Casing Material: N/A
Well Screen Slot Size: N/A

Depth of Well (TOC): N/A

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Depth (ft/m)	Symbol	Soil / Sediment Description	Sample Type	% Recovery	Sample Analyzed	Sample ID	Headspace (PID)					Well Construction	Remarks		
							0	500	1000	1500	2000				
42	[Symbol: Dotted pattern]	SAND Brown, fine to coarse grained SAND. Loose, moist, staining and/or odours not observed.	[Symbol: G]												
43															
44															
45					G	105	N	MW17-26 (13.7)						0.7	
46															
47															
48					G	95	N	MW17-26 (14.5)						0.2	
49															
50															
51					G	95	N	MW17-26 (15.4)						5.6	
52															
53															
54															
55															
56					G	95	Y	MW17-26 (16.7)						2.4	
57															
58					G	110	N	MW17-26 (17.5)						2.0	
59															
60															
61			G	110	N	MW17-26 (18.5)						3.4			
62															
63															

Date of Water Level: N/A	Well-Borehole Diameter: 150 mm (6")	Depth of Well (TOC): N/A
Water Level (from TOC): N/A	Well Casing Diameter: N/A	
	Well Casing Material: N/A	
	Well Screen Slot Size: N/A	

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Depth (ft/m)	Symbol	Soil / Sediment Description	Sample Type	% Recovery	Sample Analyzed	Sample ID	Headspace (PID)					Well Construction	Remarks
							0	500	1000	1500	2000		
64	20	SAND Brown, fine to coarse grained SAND. Loose, moist, staining and/or odours not observed.	G	110	N	MW17-26 (19.8)	3.0						
65		Sandy SILT Brown, fine grained sandy SILT. Stiff, moist, staining and/or odours not observed.	G	100	N	MW17-26 (20.6)	0.6						
66	21	Medium to coarse sand at 21.6 to 21.9 m											
67													
68	22	SILT Dark brown, SILT, some fine sand with trace fine gravel. Very stiff, moist, staining and/or odours not observed.	G	100	N	MW17-26 (21.7)	0.9						
69													
70	23	SAND and GRAVEL Brown, fine to coarse grained SAND and GRAVEL., trace cobbles. Loose, dry, staining and/or odours not observed.	G	100	N	MW17-26 (22.3)	0.5						
71													
72	24	Brown to grey at 24.1m											
73													
74	25	SAND Brown, fine to medium grained SAND, trace gravel. Loose, dry, staining and/or odours not observed.	G	100	N	MW17-26 (23.0)	0.5						
75													
76	26												
77													
78	26		G	100	N	MW17-26 (23.8)	0.3						
79													
80	26		G	100	N	MW17-26 (24.5)	0.7						
81													
82	26		G	100	N	MW17-26 (25.8)	0.6						
83													
84	26												
85													

Date of Water Level: N/A
Water Level (from TOC): N/A

Well-Borehole Diameter: 150 mm (6")
Well Casing Diameter: N/A
Well Casing Material: N/A
Well Screen Slot Size: N/A

Depth of Well (TOC): N/A

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Depth (ft/m)	Symbol	Soil / Sediment Description	Sample Type	% Recovery	Sample Analyzed	Sample ID	Headspace (PID)					Well Construction	Remarks
							0	500	1000	1500	2000		
86	[Symbol: Dotted pattern]	SAND Brown, fine to medium grained SAND, trace gravel. Loose, dry, staining and/or odours not observed.											
87		CLAY Brown, fine to coarse grained SAND and GRAVEL. Loose, dry to moist, staining and/or odours not observed. Pulverised boulder at 27m											
27			G	120	N	MW17-26 (26.7)							
89													
92			G	120	N	MW17-26 (27.8)							
95													
29		Sand seam at 29.5 to 29.9 m											
97			G	120	N	MW17-26 (29.7)							
98													
30													
31													
32													

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Depth (ft/m)	Symbol	Soil / Sediment Description	Sample Type	% Recovery	Sample Analyzed	Sample ID	Headspace (PID)					Well Construction	Remarks
							0	500	1000	1500	2000		
08	33	End of Hole											
09													
10													
11													
12	34												
13													
14													
15	35												
16													
17													
18	36												
19													
20													
21	37												
22													
23													
24													
25	38												
26													
27													
28	39												
29													

Date of Water Level: N/A
 Water Level (from TOC): N/A

Well-Borehole Diameter: 150 mm (6")
 Well Casing Diameter: N/A
 Well Casing Material: N/A
 Well Screen Slot Size: N/A

Depth of Well (TOC): N/A