	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T
1	**Greenman-Pedersen, Inc.**																			
2	**Volume Analysis - Aerial Photography 4/5/13**																			
3																				
4	Grid Scale Factor		1																	
5																				
6	Triangle Volume		Fence																	
7																				
8	**2010 - Final**					**2013 - Final**					**2010 - 2013**									
9																				
10	Cut factor		1.000			Cut factor		1.000			Cut factor		1.000							
11																				
12	Fill Factor		1.000			Fill Factor		1.000			Fill Factor		1.000							
13																				
14	Cut/Cubic ft		188,048.600			Cut/Cubic ft		210,138.100			Cut/Cubic ft		1,943,280.500							
15																				
16	Fill/Cubic ft		72,896,347.900			Fill/Cubic ft		74,581,887.000			Fill/Cubic ft		243,225.700							
17																				
18	Net/Cubic ft		-72,708,299.300			Net/Cubic ft		-74,371,748.900			Net/Cubic ft		1,700,054.800							
19																				
20																				
21	Cut/Cubic yd		6,964.800			Cut/Cubic yd		7,782.900			Cut/Cubic yd		71,973.400							
22																				
23	Fill/Cubic yd		2,699,864.700			Fill/Cubic yd		2,762,292.100			Fill/Cubic yd		9,008.400							
24																				
25	Net/Cubic yd		-2,692,900.000			Net/Cubic yd		-2,754,509.200			Net/Cubic yd		62,965.000							
26																				
27																				
28																				
29	**2010 - 2013; Cell 1**					**2010 - 2013; Cell 2A**					**2010 - 2013; Cell 2B**					**2010 - 2013; Cell 3**				
30																				
31	Cut factor		1.000			Cut factor		1.000			Cut factor		1.000			Cut factor		1.000		
32																				
33	Fill Factor		1.000			Fill Factor		1.000			Fill Factor		1.000			Fill Factor		1.000		
34																				
35	Cut/Cubic ft		504,109.700			Cut/Cubic ft		781,727.200			Cut/Cubic ft		618,981.800			Cut/Cubic ft		18,755.800		
36																				
37	Fill/Cubic ft		158,421.500			Fill/Cubic ft		49,383.100			Fill/Cubic ft		25,194.400			Fill/Cubic ft		13,030.200		
38																				
39	Net/Cubic ft		345,688.100			Net/Cubic ft		732,344.100			Net/Cubic ft		593,787.500			Net/Cubic ft		5,725.600		
40																				
41																				
42	Cut/Cubic yd		18,670.700			Cut/Cubic yd		28,952.900			Cut/Cubic yd		22,925.300			Cut/Cubic yd		694.700		
43																				
44	Fill/Cubic yd		5,867.500			Fill/Cubic yd		1,829.000			Fill/Cubic yd		933.100			Fill/Cubic yd		482.600		
45																				
46	Net/Cubic yd		12,803.300			Net/Cubic yd		27,123.900			Net/Cubic yd		21,992.100			Net/Cubic yd		212.100		62,131.400
47			**21%**					**44%**					**35%**					**0.34%**		
48																				
49													79%							
50																				
51																				
52	**Bottom - Final; Cell 1**					**Bottom - Final; Cell 2A**					**Bottom - Final; Cell 2B**					**Bottom - Final; Cell 3**				
53																				
54	Cut factor		1.000			Cut factor		1.000			Cut factor		1.000			Cut factor		1.000		
55																				
56	Fill Factor		1.000			Fill Factor		1.000			Fill Factor		1.000			Fill Factor		1.000		
57																				
58	Cut/Cubic ft		263.688			Cut/Cubic ft		0.000			Cut/Cubic ft		372.927			Cut/Cubic ft		116.054		752.669
59																				
60	Fill/Cubic ft		40,748,537.162			Fill/Cubic ft		52,716,067.927			Fill/Cubic ft		80,435,604.056			Fill/Cubic ft		34,638,176.845		208,538,385.990
61																				
62	Net/Cubic ft		-40,748,273.474			Net/Cubic ft		-52,716,067.927			Net/Cubic ft		-80,435,231.129			Net/Cubic ft		-34,638,060.791		-208,537,633.321
63																				
64																				
65	Cut/Cubic yd		9.766			Cut/Cubic yd		0.000			Cut/Cubic yd		13.812			Cut/Cubic yd		4.298		27.877
66																				
67	Fill/Cubic yd		1,509,205.080			Fill/Cubic yd		1,952,446.960			Fill/Cubic yd		2,979,096.447			Fill/Cubic yd		1,282,895.439		7,723,643.926
68																				
69	Net/Cubic yd		-1,509,195.314			Net/Cubic yd		-1,952,446.960			Net/Cubic yd		-2,979,082.634			Net/Cubic yd		-1,282,891.140		-7,723,616.049
70																				
71																				
72																				
73																**Total Capacity Site B. B**		**-7,723,616.049**		

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
1	**BAI Group Inc.**																				
2	**Volume Analysis - Aerial Photography 10/10/16**																				
3																					
4	**2016 - Final Grades (1)**					**2016 - Top of Waste Grades (4' below Final Grades) (1)**															
5																					
6	Cut factor		1.000			Cut factor		1.000													
7	Fill Factor		1.000			Fill Factor		1.000													
8																					
9	Cut/Cubic ft		153,603			Cut/Cubic ft		1,000,755													
10	Fill/Cubic ft		104,812,056			Fill/Cubic ft		95,469,894													
11	Net/Cubic ft		104,658,453	Fill		Net/Cubic ft		94,469,139	Fill												
12																					
13	Cut/Cubic yd		5,689			Cut/Cubic yd		37,065	(2)												
14	Fill/Cubic yd		3,881,928			Fill/Cubic yd		3,535,922													
15	Net/Cubic yd		3,876,239	Fill		Net/Cubic yd		3,498,857	Fill												
16																					
17	(1) The 10/10/16 surface includes a pad/embankment containing approximately 16,830 cubic yards of material that will be removed prior to placement of additional waste in that area. Hence, the "remaining fill" volumes may be underreported by a portion of that volume that is below the permitted surfaces used in the comparisons.																				
18	(2) A portion of the outer slopes are already at or near final grade and may include a portion of the final cover materials meant to be included in the 4' layer. Hence, the "cut" volumes may inaccurately reflect volume of waste above Top of Waste Grade.																				
19																					
20	**2013-2016; Cell 1**					**2013-2016; Cell 2A**					**2013-2016; Cell 2B**					**2013-2016; Cell 3**					
21																					
22	Cut factor		1.000			Cut factor		1.000			Cut factor		1.000			Cut factor		1.000			
23	Fill Factor		1.000			Fill Factor		1.000			Fill Factor		1.000			Fill Factor		1.000			
24																					
25	Cut/Cubic ft		1,205,280			Cut/Cubic ft		869,562			Cut/Cubic ft		714,825			Cut/Cubic ft		668,061			
26	Fill/Cubic ft		115,938			Fill/Cubic ft		85,644			Fill/Cubic ft		516,402			Fill/Cubic ft		1,341,684			
27	Net/Cubic ft		-1,089,342	Cut		Net/Cubic ft		-783,918	Cut		Net/Cubic ft		-198,423	Cut		Net/Cubic ft		673,623	Fill		
28																					
29	Cut/Cubic yd		44,640			Cut/Cubic yd		32,206			Cut/Cubic yd		26,475			Cut/Cubic yd		24,743		**Totals**	
30	Fill/Cubic yd		4,294			Fill/Cubic yd		3,172			Fill/Cubic yd		19,126			Fill/Cubic yd		49,692		**76,284**	**Fill**
31	Net/Cubic yd		-40,346	Cut		Net/Cubic yd		-29,034	Cut		Net/Cubic yd		-7,349	Cut		Net/Cubic yd		24,949	Fill	**-51,780**	**Net Cut**
32																					
33																					
34	**2013-2016; Active Fill Area**																				
35																					
36	Cut/Cubic ft		0																		
37	Fill/Cubic ft		1,698,624																		
38	Net/Cubic ft		1,698,624	Fill																	
39																					
40	Cut/Cubic yd		0																		
41	Fill/Cubic yd		62,912																		
42	Net/Cubic yd		62,912	Fill																	