



**Brantley
Engineering, LLC**

SUMMARY OF FIELD DENSITY TESTING RESULTS

PROJECT NUMBER: 2014-101

OWNER/ENGINEER: Omni Waste of Osceola, LLC

Cell 10
Fill

PROJECT TITLE: JED Cell 10 Construction

CONTRACTOR: RCS Excavation

DATES: FROM 03/05/14 TO 03/07/14 PAGE 1

TEST NUMBER	TEST DATE	LOCATION OF SAMPLE	LIFT NO OR ELEV (ft)	IN PLACE DETERMINATION		MATCHING PROTOR			TEST RESULTS			REMARK
				DRY DENSITY (pcf)	MOISTURE CONTENT (%)	CURVE NUMBER	MAX DRY DENSITY (pcf)	OPTIMUM MOISTURE (%)	PERCENT COMP (%)	DIFFER FROM OPT MOISTURE (%)	PASS/ FAIL	
CP	03/05/14	-	-	101.0	15.2	SF-3	101.8	15.9	-	-	-	
DR1	03/05/14	N 1355120, E 625935	1	94.0	17.6	SF-3	101.8	15.9	92.3	1.7	F	Density
1	03/05/14	N 1355120, E 625935	1	94.1	18.0	SF-3	101.8	15.9	92.4	2.1	F	Density
2	03/05/14	N 1355115, E 625880	1	95.7	20.1	SF-3	101.8	15.9	94.0	4.2	F	Density, Wet
3	03/05/14	N 1355080, E 625860	1	97.1	17.3	SF-3	101.8	15.9	95.4	1.4	P	
4	03/05/14	N 1355085, E 625940	1	97.9	13.8	SF-3	101.8	15.9	96.2	-2.1	P	
5	03/05/14	N 1354976, E 625910	1	97.7	14.3	SF-3	101.8	15.9	96.0	-1.6	P	
6	03/05/14	N 1354940, E 625840	1	98.3	14.4	SF-2	103.3	14.9	95.2	-0.5	P	
7	03/05/14	N 1354910, E 625780	1	97.8	15.7	SF-3	101.8	15.9	96.1	-0.2	P	
8	03/05/14	N 1354860, E 625815	1	98.4	13.6	SF-2	103.3	14.9	95.3	-1.3	P	
9	03/05/14	N 1354825, E 625750	1	97.3	15.4	SF-3	101.8	15.9	95.6	-0.5	P	
10	03/05/14	N 1354775, E 625770	1	98.0	14.6	SF-3	101.8	15.9	96.3	-1.3	P	
11	03/05/14	N 1354776, E 625802	1	98.4	14.3	SF-2	103.3	14.9	95.3	-0.6	P	
12	03/05/14	N 1354895, E 625902	1	98.1	14.7	SF-3	101.8	15.9	96.4	-1.2	P	
13	03/05/14	N 1355100, E 626010	1	97.2	15.7	SF-3	101.8	15.9	95.5	-0.2	P	
1R	03/05/14	N 1355120, E 625935	1	96.8	14.2	SF-3	101.8	15.9	95.1	-1.7	P	Retest
2R	03/05/14	N 1355115, E 625880	1	97.3	15.9	SF-3	101.8	15.9	95.6	0.0	P	Retest
CP	03/07/14	-	-	102.5	15.0	SF-2	103.3	14.9	-	-	-	
DR2	03/07/14	N 1355105, E 626040	1	99.2	12.6	SF-2	103.3	14.9	96.0	-2.3	P	
14	03/07/14	N 1355105, E 626040	1	100.7	12.0	SF-2	103.3	14.9	97.5	-2.9	P	

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DATES: FROM 03/07/14 TO 03/07/14 PAGE 2

TEST NUMBER	TEST DATE	LOCATION OF SAMPLE	LIFT NO OR ELEV (ft)	IN PLACE DETERMINATION		MATCHING PROTOR			TEST RESULTS			REMARK
				DRY DENSITY (pcf)	MOISTURE CONTENT (%)	CURVE NUMBER	MAX DRY DENSITY (pcf)	OPTIMUM MOISTURE (%)	PERCENT COMP (%)	DIFFER FROM OPT MOISTURE (%)	PASS/ FAIL	
15	03/07/14	N 1355050, E 626050	1	98.0	12.7	SF-1	102.7	14.7	95.4	-2.0	P	
16	03/07/14	N 1355060, E 626102	1	97.7	12.0	SF-5	101.9	14.9	95.9	-2.9	P	
17	03/07/14	N 1354975, E 626050	1	97.8	12.2	SF-5	101.9	14.9	96.0	-2.7	P	
18	03/07/14	N 1354930, E 625970	1	98.1	11.7	SF-1	102.7	14.7	95.5	-3.0	P	
19	03/07/14	N 1354880, E 626010	1	99.9	12.0	SF-2	103.3	14.9	96.7	-2.9	P	
20	03/07/14	N 1354840, E 625945	1	101.1	12.4	SF-2	103.3	14.9	97.9	-2.5	P	
21	03/07/14	N 1354775, E 625946	1	97.4	11.9	SF-5	101.9	14.9	95.6	-3.0	P	
22	03/07/14	N 1354690, E 625901	1	97.5	13.1	SF-5	101.9	14.9	95.7	-1.8	P	
23	03/07/14	N 1354725, E 625869	1	99.3	12.2	SF-2	103.3	14.9	96.1	-2.7	P	
24	03/07/14	N 1355042, E 626142	1	97.8	11.8	SF-5	101.9	14.9	96.0	-3.1	P	
25	03/07/14	N 1354972, E 626148	1	98.1	13.0	SF-5	101.9	14.9	96.3	-1.9	P	
26	03/07/14	N 1355015, E 626215	1	93.9	12.7	SF-5	101.9	14.9	92.1	-2.2	F	Density
27	03/07/14	N 1354982, E 626220	1	98.4	12.4	SF-5	101.9	14.9	96.6	-2.5	P	
28	03/07/14	N 1354862, E 626118	1	97.5	12.9	SF-5	101.9	14.9	95.7	-2.0	P	
29	03/07/14	N 1354912, E 626071	1	96.9	13.0	SF-5	101.9	14.9	95.1	-1.9	P	
30	03/07/14	N 1354843, E 626066	1	97.2	11.2	SF-5	101.9	14.9	95.4	-3.7	P	
31	03/07/14	N 1354776, E 626041	1	100.1	11.9	SF-2	103.3	14.9	96.9	-3.0	P	
32	03/07/14	N 1354711, E 625982	1	101.4	12.0	SF-2	103.3	14.9	98.2	-2.9	P	
33	03/07/14	N 1354668, E 625963	1	99.9	12.2	SF-2	103.3	14.9	96.7	-2.7	P	
34	03/07/14	N 1354665, E 626022	1	97.7	12.1	SF-5	101.9	14.9	95.9	-2.8	P	

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Cell 10
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DATES: FROM 03/07/14 TO 03/10/14 PAGE 3

TEST NUMBER	TEST DATE	LOCATION OF SAMPLE	LIFT NO OR ELEV (ft)	IN PLACE DETERMINATION		MATCHING PROTOR			TEST RESULTS			REMARK
				DRY DENSITY (pcf)	MOISTURE CONTENT (%)	CURVE NUMBER	MAX DRY DENSITY (pcf)	OPTIMUM MOISTURE (%)	PERCENT COMP (%)	DIFFER FROM OPT MOISTURE (%)	PASS/ FAIL	
35	03/07/14	N 1354770, E 626109	1	96.9	11.9	SF-5	101.9	14.9	95.1	-3.0	P	
36	03/07/14	N 1355140, E 625925	2	98.6	12.4	SF-5	101.9	14.9	96.8	-2.5	P	
26R	03/07/14	N 1355015, E 626215	1	97.3	12.4	SF-5	101.9	14.9	95.5	-2.5	P	Retest
37	03/07/14	N 1355082, E 625909	2	99.8	13.3	SF-2	103.3	14.9	96.6	-1.6	P	
CP	03/07/14	-	-	103.0	14.5	SF-5	101.9	14.9	-	-	-	
DR3	03/07/14	N 1355025, E 625875	2	99.0	12.7	SF-5	101.9	14.9	97.2	-2.2	P	
38	03/07/14	N 1355025, E 625875	2	99.1	13.0	SF-5	101.9	14.9	97.3	-1.9	P	
39	03/07/14	N 1354950, E 625850	2	97.4	12.7	SF-5	101.9	14.9	95.6	-2.2	P	
40	03/07/14	N 1354890, E 625820	2	97.7	11.9	SF-5	101.9	14.9	95.9	-3.0	P	
CP	03/10/14	-	-	101.5	14.2	SF-1	102.7	14.7	-	-	-	
DR4	03/10/14	N 1355025, E 625775	2	98.9	11.9	SF-1	102.7	14.7	96.3	-2.8	P	
41	03/10/14	N 1354820, E 625775	2	99.2	12.1	SF-1	102.7	14.7	96.6	-2.6	P	
42	03/10/14	N 1354820, E 625860	2	101.1	12.2	SF-2	103.3	14.9	97.9	-2.7	P	
43	03/10/14	N 1354850, E 625915	2	100.3	11.8	SF-1	102.7	14.7	97.7	-2.9	P	
44	03/10/14	N 1354925, E 625915	2	98.0	11.9	SF-5	101.9	14.9	96.2	-3.0	P	
45	03/10/14	N 1354995, E 625916	2	101.2	12.4	SF-2	103.3	14.9	98.0	-2.5	P	
46	03/10/14	N 1355040, E 625980	2	100.4	11.9	SF-2	103.3	14.9	97.2	-3.0	P	
47	03/10/14	N 1355115, E 626008	2	97.9	13.2	SF-5	101.9	14.9	96.1	-1.7	P	
48	03/10/14	N 1355065, E 626072	2	98.4	14.6	SF-5	101.9	14.9	96.6	-0.3	P	
49	03/10/14	N 1355005, E 626050	2	98.7	13.8	SF-5	101.9	14.9	96.9	-1.1	P	

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DATES: FROM 03/10/14 TO 03/11/14 PAGE 4

TEST NUMBER	TEST DATE	LOCATION OF SAMPLE	LIFT NO OR ELEV (ft)	IN PLACE DETERMINATION		MATCHING PROTOR			TEST RESULTS			REMARK
				DRY DENSITY (pcf)	MOISTURE CONTENT (%)	CURVE NUMBER	MAX DRY DENSITY (pcf)	OPTIMUM MOISTURE (%)	PERCENT COMP (%)	DIFFER FROM OPT MOISTURE (%)	PASS/ FAIL	
50	03/10/14	N 1354980, E 626021	2	96.7	11.2	SF-5	101.9	14.9	94.9	-3.7	F	Density
51	03/10/14	N 1354910, E 626005	2	98.1	12.5	SF-5	101.9	14.9	96.3	-2.4	P	
52	03/10/14	N 1354860, E 625982	2	97.1	13.1	SF-5	101.9	14.9	95.3	-1.8	P	
50R	03/10/14	N 1354980, E 626021	2	99.7	13.6	SF-5	101.9	14.9	97.8	-1.3	P	Retest
53	03/10/14	N 1354698, E 626040	2	100.9	12.0	SF-2	103.3	14.9	97.7	-2.9	P	
54	03/10/14	N 1354750, E 625945	2	101.2	11.9	SF-2	103.3	14.9	98.0	-3.0	P	
55	03/10/14	N 1354760, E 625820	2	100.1	13.1	SF-2	103.3	14.9	96.9	-1.8	P	
56	03/10/14	N 1354708, E 625760	2	100.3	12.6	SF-2	103.3	14.9	97.1	-2.3	P	
57	03/10/14	N 1354668, E 625920	2	97.4	12.1	SF-5	101.9	14.9	95.6	-2.8	P	
58	03/10/14	N 1354669, E 625850	2	98.9	12.6	SF-5	101.9	14.9	97.1	-2.3	P	
CP	03/11/14	-	-	101.5	14.5	SF-5	101.9	14.9	-	-	-	
DR5	03/11/14	N 1355038, E 626122	2	98.2	12.8	SF-5	101.9	14.9	96.4	-2.1	P	
59	03/11/14	N 1355038, E 626122	2	98.0	12.9	SF-5	101.9	14.9	96.2	-2.0	P	
60	03/11/14	N 1354972, E 626115	2	96.9	12.2	SF-5	101.9	14.9	95.1	-2.7	P	
61	03/11/14	N 1354921, E 626090	2	97.3	13.3	SF-5	101.9	14.9	95.5	-1.6	P	
62	03/11/14	N 1354855, E 626050	2	98.2	11.9	SF-5	101.9	14.9	96.4	-3.0	P	
63	03/11/14	N 1354785, E 626050	2	97.7	13.2	SF-5	101.9	14.9	95.9	-1.7	P	
64	03/11/14	N 1355021, E 626182	2	99.7	12.3	SF-2	103.3	14.9	96.5	-2.6	P	
CP	03/11/14	-	-	101.5	13.6	SF-2	103.3	14.9	-	-	-	
DR6	03/11/14	N 1355011, E 626240	2	95.5	12.8	SF-2	103.3	14.9	92.4	-2.1	F	Density
65	03/11/14	N 1355011, E 626240	2	96.2	12.7	SF-2	103.3	14.9	93.1	-2.2	F	Density
66	03/11/14	N 1354908, E 626166	2	97.3	12.6	SF-5	101.9	14.9	95.5	-2.3	P	

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DATES: FROM 03/11/14 TO 03/13/14 PAGE 5

TEST NUMBER	TEST DATE	LOCATION OF SAMPLE	LIFT NO OR ELEV (ft)	IN PLACE DETERMINATION		MATCHING PROTOR			TEST RESULTS			REMARK
				DRY DENSITY (pcf)	MOISTURE CONTENT (%)	CURVE NUMBER	MAX DRY DENSITY (pcf)	OPTIMUM MOISTURE (%)	PERCENT COMP (%)	DIFFER FROM OPT MOISTURE (%)	PASS/ FAIL	
67	03/11/14	N 1354823, E 626118	2	99.1	14.1	SF-2	103.3	14.9	95.9	-0.8	P	
68	03/11/14	N 1354776, E 626115	2	98.6	11.9	SF-2	103.3	14.9	95.5	-3.0	P	
65R	03/11/14	N 1355011, E 626240	2	98.3	13.2	SF-2	103.3	14.9	95.2	-1.7	P	Retest
CP	03/12/14	-	-	102.0	14.9	SF-5	101.9	14.9	-	-	-	
DR7	03/12/14	N 1354776, E 626115	1	99.9	13.5	SF-5	101.9	14.9	98.0	-1.4	P	
69	03/12/14	N 1354615, E 625912	1	98.2	12.3	SF-5	101.9	14.9	96.4	-2.6	P	
70	03/12/14	N 1354620, E 625870	1	97.6	11.9	SF-5	101.9	14.9	95.8	-3.0	P	
71	03/12/14	N 1354670, E 625825	1	97.9	12.5	SF-5	101.9	14.9	96.1	-2.4	P	
72	03/12/14	N 1354730, E 625731	1	98.5	12.8	SF-5	101.9	14.9	96.7	-2.1	P	
73	03/12/14	N 1354562, E 625942	1	97.8	12.3	SF-5	101.9	14.9	96.0	-2.6	P	
74	03/12/14	N 1354542, E 625902	1	96.9	12.0	SF-5	101.9	14.9	95.1	-2.9	P	
75	03/12/14	N 1354566, E 625821	1	97.9	12.4	SF-5	101.9	14.9	96.1	-2.5	P	
76	03/12/14	N 1354606, E 625774	1	101.0	11.9	SF-2	103.3	14.9	97.8	-3.0	P	
77	03/12/14	N 1354658, E 625715	1	99.2	12.7	SF-2	103.3	14.9	96.0	-2.2	P	
CP	03/13/14	-	-	101.5	14.4	SF-5	101.9	14.9	-	-	-	
DR8	03/13/14	N 1354612, E 625671	1	98.5	12.6	SF-5	101.9	14.9	96.7	-2.3	P	
78	03/13/14	N 1354612, E 625671	1	98.6	12.4	SF-5	101.9	14.9	96.8	-2.5	P	
79	03/13/14	N 1354612, E 625622	1	97.2	12.3	SF-5	101.9	14.9	95.4	-2.6	P	
80	03/13/14	N 1354569 E 625650	1	99.6	13.2	SF-2	103.3	14.9	96.4	-1.7	P	
81	03/13/14	N 1354560, E 625708	1	98.6	13.0	SF-5	101.9	14.9	96.8	-1.9	P	

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DATES: FROM 03/13/14 TO 03/17/14 PAGE 6

TEST NUMBER	TEST DATE	LOCATION OF SAMPLE	LIFT NO OR ELEV (ft)	IN PLACE DETERMINATION		MATCHING PROTOR			TEST RESULTS			REMARK
				DRY DENSITY (pcf)	MOISTURE CONTENT (%)	CURVE NUMBER	MAX DRY DENSITY (pcf)	OPTIMUM MOISTURE (%)	PERCENT COMP (%)	DIFFER FROM OPT MOISTURE (%)	PASS/ FAIL	
82	03/13/14	N 1354680, E 625672	2	98.9	14.6	SF-5	101.9	14.9	97.1	-0.3	P	
83	03/13/14	N 1354670, E 625715	2	98.3	12.7	SF-5	101.9	14.9	96.5	-2.2	P	
84	03/13/14	N 1354623, E 625771	2	99.1	13.3	SF-2	103.3	14.9	95.9	-1.6	P	
85	03/13/14	N 1354605, E 625851	2	100.5	12.9	SF-2	103.3	14.9	97.3	-2.0	P	
86	03/13/14	N 1354585, E 625903	2	97.6	14.3	SF-5	101.9	14.9	95.8	-0.6	P	
87	03/13/14	N 1354575, E 625968	2	97.6	12.9	SF-5	101.9	14.9	95.8	-2.0	P	
CP	03/14/14	-	-	101.1	13.9	SF-5	101.9	14.9	-	-	-	
DR9	03/14/14	N 1355199, E 625900	1	99.0	13.0	SF-5	101.9	14.9	97.2	-1.9	P	
88	03/14/14	N 1355199, E 625900	1	98.6	12.7	SF-5	101.9	14.9	96.8	-2.2	P	
89	03/14/14	N 1355130, E 625863	1	97.5	13.5	SF-5	101.9	14.9	95.7	-1.4	P	
90	03/14/14	N 1355075, E 625838	1	99.6	12.4	SF-2	103.3	14.9	96.4	-2.5	P	
91	03/14/14	N 1355005, E 625800	1	99.7	17.2	SF-2	103.3	14.9	96.5	2.3	P	
92	03/14/14	N 1354980, E 625791	1	100.0	17.0	SF-2	103.3	14.9	96.8	2.1	P	
93	03/14/14	N 1354920, E 625751	1	97.9	12.8	SF-5	101.9	14.9	96.1	-2.1	P	
94	03/14/14	N 1354850, E 625709	1	96.9	12.5	SF-5	101.9	14.9	95.1	-2.4	P	
95	03/14/14	N 1354782, E 625682	1	99.8	12.6	SF-2	103.3	14.9	96.6	-2.3	P	
96	03/14/14	N 1354723, E 625649	1	97.1	13.8	SF-5	101.9	14.9	95.3	-1.1	P	
97	03/14/14	N 1354678, E 625624	1	101.0	14.2	SF-2	103.3	14.9	97.8	-0.7	P	
98	03/14/14	N 1354598, E 625584	1	99.1	13.2	SF-2	103.3	14.9	95.9	-1.7	P	
CP	03/17/14	-	-	101.0	14.0	SF-5	101.9	14.9	-	-	-	

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DATES: FROM 03/17/14 TO 03/18/14 PAGE 7

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				DRY DENSITY (pcf)	MOISTURE CONTENT (%)	CURVE NUMBER	MAX DRY DENSITY (pcf)	OPTIMUM MOISTURE (%)	PERCENT COMP (%)	DIFFER FROM OPT MOISTURE (%)	PASS/ FAIL	
DR10	03/17/14	N 1354422, E 625870	1	96.8	12.6	SF-5	101.9	14.9	95.0	-2.3	P	
99	03/17/14	N 1354422, E 625870	1	97.0	13.0	SF-5	101.9	14.9	95.2	-1.9	P	
100	03/17/14	N 1354482, E 625815	1	96.9	13.6	SF-5	101.9	14.9	95.1	-1.3	P	
101	03/17/14	N 1354479, E 625737	1	98.4	14.0	SF-5	101.9	14.9	96.6	-0.9	P	
102	03/17/14	N 1354481, E 625663	1	97.1	15.3	SF-5	101.9	14.9	95.3	0.4	P	
103	03/17/14	N 1354515, E 625581	1	98.3	12.3	SF-5	101.9	14.9	96.5	-2.6	P	
104	03/17/14	N 1354442, E 625560	1	97.4	13.2	SF-5	101.9	14.9	95.6	-1.7	P	
105	03/17/14	N 1354381, E 625565	1	101.0	13.6	SF-2	103.3	14.9	97.8	-1.3	P	
106	03/17/14	N 1354410, E 625669	1	101.9	12.7	SF-2	103.3	14.9	98.6	-2.2	P	
107	03/17/14	N 1354331, E 625540	1	100.1	12.1	SF-2	103.3	14.9	96.9	-2.8	P	
108	03/17/14	N 1354271, E 625472	1	100.5	13.0	SF-2	103.3	14.9	97.3	-1.9	P	
109	03/17/14	N 1354308, E 625580	1	97.9	16.0	SF-5	101.9	14.9	96.1	1.1	P	
110	03/17/14	N 1354309, E 625642	1	98.3	15.4	SF-5	101.9	14.9	96.5	0.5	P	
111	03/17/14	N 1354407, E 625721	1	95.2	20.0	SF-5	101.9	14.9	93.4	5.1	F	Moisture
112	03/17/14	N 1354580, E 625640	2	100.4	15.2	SF-2	103.3	14.9	97.2	0.3	P	
113	03/17/14	N 1354580, E 625708	2	97.8	12.9	SF-5	101.9	14.9	96.0	-2.0	P	
114	03/17/14	N 1354540, E 625762	2	97.4	12.2	SF-5	101.9	14.9	95.6	-2.7	P	
115	03/17/14	N 1354538, E 625851	2	100.1	11.9	SF-2	103.3	14.9	96.9	-3.0	P	
CP	03/18/14	-	-	101.1	13.9	SF-5	101.9	14.9	-	-	-	
DR11	03/18/14	N 1354471, E 625904	2	99.1	12.8	SF-5	101.9	14.9	97.3	-2.1	P	

Kevin Lesley

PREPARED BY

03/18/14

DATE



**Brantley
Engineering, LLC**

SUMMARY OF FIELD DENSITY TESTING RESULTS

PROJECT NUMBER: 2014-101

OWNER/ENGINEER: Omni Waste of Osceola, LLC

Cell 10
Fill

PROJECT TITLE: JED Cell 10 Construction

CONTRACTOR: RCS Excavation

DATES: FROM 03/18/14 TO 03/17/14 PAGE 8

TEST NUMBER	TEST DATE	LOCATION OF SAMPLE	LIFT NO OR ELEV (ft)	IN PLACE DETERMINATION		MATCHING PROTOR			TEST RESULTS			REMARK
				DRY DENSITY (pcf)	MOISTURE CONTENT (%)	CURVE NUMBER	MAX DRY DENSITY (pcf)	OPTIMUM MOISTURE (%)	PERCENT COMP (%)	DIFFER FROM OPT MOISTURE (%)	PASS/ FAIL	
116	03/18/14	N 1354471, E 625904	2	98.7	13.1	SF-5	101.9	14.9	96.9	-1.8	P	
117	03/18/14	N 1354452, E 625849	2	97.4	12.2	SF-5	101.9	14.9	95.6	-2.7	P	
118	03/18/14	N 1354415, E 625908	2	100.3	12.4	SF-2	103.3	14.9	97.1	-2.5	P	
119	03/18/14	N 1354390, E 625855	2	98.9	12.3	SF-5	101.9	14.9	97.1	-2.6	P	
120	03/18/14	N 1354405, E 625783	2	98.0	13.0	SF-5	101.9	14.9	96.2	-1.9	P	
121	03/18/14	N 1354446, E 625712	2	98.6	13.4	SF-5	101.9	14.9	96.8	-1.5	P	
122	03/18/14	N 1354460, E 625653	2	97.3	12.3	SF-5	101.9	14.9	95.4	-2.6	P	
123	03/18/14	N 1354508, E 625607	2	97.1	12.6	SF-5	101.9	14.9	95.3	-2.3	P	
124	03/18/14	N 1354509, E 625571	2	97.3	13.4	SF-5	101.9	14.9	95.5	-1.5	P	
125	03/18/14	N 1354423, E 625549	2	96.9	12.3	SF-5	101.9	14.9	95.1	-2.6	P	
126	03/18/14	N 1354369, E 625581	2	100.1	13.0	SF-2	103.3	14.9	96.9	-1.9	P	
127	03/18/14	N 1354310, E 625472	2	98.6	16.2	SF-5	101.9	14.9	96.8	1.3	P	
128	03/18/14	N 1354307, E 625541	2	98.3	15.4	SF-5	101.9	14.9	96.5	0.5	P	
111R	03/18/14	N 1354407, E 625721	1	98.1	17.9	SF-5	101.9	14.9	96.3	3.0	P	Retest
CP	03/19/14	-	-	101.1	13.9	SF-5	101.9	14.9	-	-	-	
DR12	03/19/14	N 1354312, E 625637	2	98.2	13.2	SF-5	101.9	14.9	96.4	-1.7	P	
129	03/17/14	N 1354312, E 625637	2	98.5	13.1	SF-5	101.9	14.9	96.7	-1.8	P	
130	03/17/14	N 1354371, E 625763	1	98.7	14.1	SF-5	101.9	14.9	96.9	-0.8	P	
131	03/17/14	N 1354389, E 625801	1	99.4	13.6	SF-5	101.9	14.9	97.5	-1.3	P	
132	03/17/14	N 1354369, E 625866	1	98.1	13.6	SF-5	101.9	14.9	96.3	-1.3	P	
133	03/17/14	N 1354369, E 625925	1	99.7	15.3	SF-5	101.9	14.9	97.8	0.4	P	
134	03/17/14	N 1354461, E 625935	1	97.2	12.6	SF-5	101.9	14.9	95.4	-2.3	P	

Kevin Lesley

PREPARED BY

03/17/14

DATE



**Brantley
Engineering, LLC**

SUMMARY OF FIELD DENSITY TESTING RESULTS

PROJECT NUMBER: 2014-101

OWNER/ENGINEER: Omni Waste of Osceola, LLC

Cell 10
Fill

PROJECT TITLE: JED Cell 10 Construction

CONTRACTOR: RCS Excavation

DATES: FROM 03/19/14 TO 03/20/14 PAGE 9

TEST NUMBER	TEST DATE	LOCATION OF SAMPLE	LIFT NO OR ELEV (ft)	IN PLACE DETERMINATION		MATCHING PROTOR			TEST RESULTS			REMARK
				DRY DENSITY (pcf)	MOISTURE CONTENT (%)	CURVE NUMBER	MAX DRY DENSITY (pcf)	OPTIMUM MOISTURE (%)	PERCENT COMP (%)	DIFFER FROM OPT MOISTURE (%)	PASS/ FAIL	
CP	03/19/14	-	-	100.8	14.6	SF-5	101.9	14.9	-	-	-	
DR13	03/19/14	N 1354555, E 626025	1	97.0	12.2	SF-5	101.9	14.9	95.2	-2.7	P	
135	03/19/14	N 1354555, E 626025	1	96.8	11.9	SF-5	101.9	14.9	95.0	-3.0	P	
136	03/19/14	N 1354612, E 626088	1	97.6	12.0	SF-5	101.9	14.9	95.8	-2.9	P	
137	03/19/14	N 1354706, E 626120	1	97.1	12.4	SF-5	101.9	14.9	95.3	-2.5	P	
138	03/19/14	N 1354771, E 626172	1	98.5	12.9	SF-5	101.9	14.9	96.7	-2.0	P	
139	03/19/14	N 1354880, E 626225	1	98.6	12.6	SF-5	101.9	14.9	96.8	-2.3	P	
140	03/19/14	N 1354273, E 625736	1	100.5	15.0	SF-2	103.3	14.9	97.3	0.1	P	
141	03/19/14	N 1354274, E 625791	1	99.3	12.7	SF-2	103.3	14.9	96.1	-2.2	P	
142	03/19/14	N 1354272, E 625863	1	99.7	12.6	SF-2	103.3	14.9	96.5	-2.3	P	
143	03/19/14	N 1354270, E 625915	1	97.5	13.5	SF-5	101.9	14.9	95.7	-1.4	P	
144	03/19/14	N 1354351, E 625970	1	98.6	12.2	SF-5	101.9	14.9	96.8	-2.7	P	
145	03/19/14	N 1354460, E 626020	1	97.2	12.9	SF-5	101.9	14.9	95.4	-2.0	P	
146	03/19/14	N 1354609, E 626004	2	97.4	12.1	SF-5	101.9	14.9	95.6	-2.8	P	
147	03/20/14	N 1354573, E 626038	2	97.3	12.9	SF-5	101.9	14.9	95.5	-2.0	P	
148	03/20/14	N 1354622, E 626079	2	98.0	12.5	SF-5	101.9	14.9	96.2	-2.4	P	
149	03/20/14	N 1354688, E 626144	2	96.9	13.2	SF-5	101.9	14.9	95.1	-1.7	P	
150	03/20/14	N 1354771, E 626170	2	98.9	14.4	SF-5	101.9	14.9	97.1	-0.5	P	
151	03/20/14	N 1354879, E 626208	2	97.8	13.2	SF-5	101.9	14.9	96.0	-1.7	P	
152	03/20/14	N 1354940, E 626259	2	96.8	12.4	SF-5	101.9	14.9	95.0	-2.5	P	
153	03/20/14	N 1354462, E 626010	2	98.4	13.5	SF-5	101.9	14.9	96.6	-1.4	P	
154	03/20/14	N 1354410, E 625970	2	97.1	13.6	SF-5	101.9	14.9	95.3	-1.3	P	

Kevin Lesley

PREPARED BY

03/20/14

DATE



**Brantley
Engineering, LLC**

SUMMARY OF FIELD DENSITY TESTING RESULTS

PROJECT NUMBER: 2014-101

OWNER/ENGINEER: Omni Waste of Osceola, LLC

Cell 10
Fill

PROJECT TITLE: JED Cell 10 Construction

CONTRACTOR: RCS Excavation

DATES: FROM 03/20/14 TO 03/21/14 PAGE 10

TEST NUMBER	TEST DATE	LOCATION OF SAMPLE	LIFT NO OR ELEV (ft)	IN PLACE DETERMINATION		MATCHING PROTOR			TEST RESULTS			REMARK
				DRY DENSITY (pcf)	MOISTURE CONTENT (%)	CURVE NUMBER	MAX DRY DENSITY (pcf)	OPTIMUM MOISTURE (%)	PERCENT COMP (%)	DIFFER FROM OPT MOISTURE (%)	PASS/ FAIL	
CP	03/20/14	-	-	100.8	14.6	SF-5	101.9	14.9	-	-	-	
DR14	03/20/14	N 1354351, E 625941	2	97.0	12.2	SF-5	101.9	14.9	95.2	-2.7	P	
155	03/20/14	N 1354351, E 625941	2	97.1	12.2	SF-5	101.9	14.9	95.3	-2.7	P	
156	03/20/14	N 1354315, E 625832	2	96.9	14.3	SF-5	101.9	14.9	95.1	-0.6	P	
157	03/20/14	N 1354315, E 625755	2	98.4	12.5	SF-5	101.9	14.9	96.6	-2.4	P	
158	03/20/14	N 1354370, E 625691	2	97.1	13.6	SF-5	101.9	14.9	95.3	-1.3	P	
159	03/20/14	N 1354260, E 625651	2	98.0	13.4	SF-5	101.9	14.9	96.2	-1.5	P	
160	03/20/14	N 1354261, E 625741	2	99.0	14.2	SF-2	103.3	14.9	95.8	-0.7	P	
161	03/20/14	N 1354259, E 625852	2	99.9	13.9	SF-2	103.3	14.9	96.7	-1.0	P	
162	03/20/14	N 1354258, E 625918	2	96.8	15.1	SF-5	101.9	14.9	95.0	0.2	P	
CP	03/21/14	-	-	104.0	14.5	SF-2	103.3	14.9	-	-	-	
DR15	03/21/14	N 1354620, E 625630	2	99.4	11.9	SF-2	103.3	14.9	96.2	-3.0	P	
163	03/21/14	N 1354620, E 625630	2	99.0	12.1	SF-2	103.3	14.9	95.8	-2.8	P	
164	03/21/14	N 1354915, E 625775	2	97.6	13.1	SF-5	101.9	14.9	95.8	-1.8	P	
165	03/21/14	N 1354835, E 625726	2	98.7	13.4	SF-5	101.9	14.9	96.9	-1.5	P	
166	03/21/14	N 1354780, E 625727	2	100.5	12.6	SF-2	103.3	14.9	97.3	-2.3	P	
167	03/21/14	N 1354722, E 625685	2	97.9	12.1	SF-5	101.9	14.9	96.1	-2.8	P	
168	03/21/14	N 1354742, E 625672	2	96.8	11.9	SF-5	101.9	14.9	95.0	-3.0	P	
169	03/21/14	N 1354801, E 625692	2	97.9	12.8	SF-5	101.9	14.9	96.1	-2.1	P	
170	03/21/14	N 1354849, E 625718	2	98.4	13.1	SF-5	101.9	14.9	96.6	-1.8	P	
171	03/21/14	N 1354942, E 625766	2	98.0	12.7	SF-5	101.9	14.9	96.2	-2.2	P	
172	03/21/14	N 1355051, E 625828	2	97.3	11.9	SF-5	101.9	14.9	95.5	-3.0	P	

Kevin Lesley

PREPARED BY

03/21/14

DATE



**Brantley
Engineering, LLC**

SUMMARY OF FIELD DENSITY TESTING RESULTS

PROJECT NUMBER: 2014-101

OWNER/ENGINEER: Omni Waste of Osceola, LLC

Cell 10
Fill

PROJECT TITLE: JED Cell 10 Construction

CONTRACTOR: RCS Excavation

DATES: FROM 03/21/14 TO 03/24/14 PAGE 11

TEST NUMBER	TEST DATE	LOCATION OF SAMPLE	LIFT NO OR ELEV (ft)	IN PLACE DETERMINATION		MATCHING PROTOR			TEST RESULTS			REMARK
				DRY DENSITY (pcf)	MOISTURE CONTENT (%)	CURVE NUMBER	MAX DRY DENSITY (pcf)	OPTIMUM MOISTURE (%)	PERCENT COMP (%)	DIFFER FROM OPT MOISTURE (%)	PASS/ FAIL	
173	03/21/14	N 1355162, E 625883	2	97.8	13.7	SF-5	101.9	14.9	96.0	-1.2	P	
CP	03/24/14	-	-	101.0	15.0	SF-5	101.9	14.9	-	-	-	
DR16	03/24/14	N 1354860, E 625748	3	97.3	14.0	SF-5	101.9	14.9	95.5	-0.9	P	
174	03/24/14	N 1354860, E 625748	3	96.9	14.7	SF-5	101.9	14.9	95.1	-0.2	P	
175	03/24/14	N 1354770, E 625721	3	98.8	12.2	SF-5	101.9	14.9	97.0	-2.7	P	
176	03/24/14	N 1354810, E 625791	3	99.8	12.7	SF-5	101.9	14.9	97.9	-2.2	P	
177	03/24/14	N 1354701, E 625776	3	96.9	13.2	SF-5	101.9	14.9	95.1	-1.7	P	
178	03/24/14	N 1354786, E 625861	3	98.9	12.9	SF-5	101.9	14.9	97.1	-2.0	P	
179	03/24/14	N 1354709, E 625855	3	97.4	11.9	SF-5	101.9	14.9	95.6	-3.0	P	
180	03/24/14	N 1354769, E 625922	3	99.5	12.5	SF-2	103.3	14.9	96.3	-2.4	P	
181	03/24/14	N 1354673, E 625919	3	98.5	12.7	SF-5	101.9	14.9	96.7	-2.2	P	
182	03/24/14	N 1354721, E 625980	3	97.7	13.0	SF-5	101.9	14.9	95.9	-1.9	P	
183	03/24/14	N 1354615, E 625981	3	97.6	13.2	SF-5	101.9	14.9	95.8	-1.7	P	
184	03/24/14	N 1354669, E 626040	3	99.3	11.9	SF-5	101.9	14.9	97.4	-3.0	P	
185	03/24/14	N 1354608, E 626052	3	98.0	12.2	SF-5	101.9	14.9	96.2	-2.7	P	
186	03/24/14	N 1354662, E 626117	3	100.3	11.9	SF-2	103.3	14.9	97.1	-3.0	P	
187	03/24/14	N 1354740, E 626118	3	100.1	12.0	SF-2	103.3	14.9	96.9	-2.9	P	
188	03/24/14	N 1354768, E 626052	3	98.5	13.1	SF-5	101.9	14.9	96.7	-1.8	P	
189	03/24/14	N 1354821, E 625977	3	100.0	12.7	SF-2	103.3	14.9	96.8	-2.2	P	
190	03/24/14	N 1354845, E 625919	3	97.9	11.9	SF-5	101.9	14.9	96.1	-3.0	P	
191	03/24/14	N 1354885, E 625842	3	98.7	12.6	SF-5	101.9	14.9	96.9	-2.3	P	
192	03/24/14	N 1354909, E 625772	3	97.1	13.3	SF-5	101.9	14.9	95.3	-1.6	P	

Kevin Lesley

PREPARED BY

03/24/14

DATE



**Brantley
Engineering, LLC**

SUMMARY OF FIELD DENSITY TESTING RESULTS

PROJECT NUMBER: 2014-101

OWNER/ENGINEER: Omni Waste of Osceola, LLC

Cell 10
Fill

PROJECT TITLE: JED Cell 10 Construction

CONTRACTOR: RCS Excavation

DATES: FROM 03/24/14 TO 03/25/14 PAGE 12

TEST NUMBER	TEST DATE	LOCATION OF SAMPLE	LIFT NO OR ELEV (ft)	IN PLACE DETERMINATION		MATCHING PROTOR			TEST RESULTS			REMARK
				DRY DENSITY (pcf)	MOISTURE CONTENT (%)	CURVE NUMBER	MAX DRY DENSITY (pcf)	OPTIMUM MOISTURE (%)	PERCENT COMP (%)	DIFFER FROM OPT MOISTURE (%)	PASS/ FAIL	
193	03/24/14	N 1354548, E 626036	3	98.3	12.1	SF-5	101.9	14.9	96.5	-2.8	P	
194	03/24/14	N 1354536, E 625977	3	97.1	12.3	SF-5	101.9	14.9	95.3	-2.6	P	
195	03/24/14	N 1354588, E 625907	3	99.9	11.9	SF-2	103.3	14.9	96.7	-3.0	P	
196	03/24/14	N 1354606, E 625880	3	98.0	12.0	SF-5	101.9	14.9	96.2	-2.9	P	
CP	03/25/14	-	-	102.2	14.2	SF-5	101.9	14.9	-	-	-	
DR17	03/25/14	N 1354637, E 625820	3	96.9	12.1	SF-5	101.9	14.9	95.1	-2.8	P	
197	03/25/14	N 1354637, E 625820	3	97.2	12.1	SF-5	101.9	14.9	95.4	-2.8	P	
198	03/25/14	N 1354639, E 625766	3	98.3	12.9	SF-5	101.9	14.9	96.5	-2.0	P	
199	03/25/14	N 1354667, E 625708	3	98.7	14.8	SF-5	101.9	14.9	96.9	-0.1	P	
200	03/25/14	N 1354707, E 625670	3	97.7	11.9	SF-5	101.9	14.9	95.9	-3.0	P	
201	03/25/14	N 1354644, E 625650	3	99.0	12.4	SF-2	103.3	14.9	95.8	-2.5	P	
202	03/25/14	N 1354555, E 625720	3	97.0	12.2	SF-5	101.9	14.9	95.2	-2.7	P	
203	03/25/14	N 1354556, E 625840	3	97.8	12.6	SF-5	101.9	14.9	96.0	-2.3	P	
204	03/25/14	N 1354460, E 625930	3	99.1	12.5	SF-2	103.3	14.9	95.9	-2.4	P	
205	03/25/14	N 1354461, E 626018	3	93.1	14.1	SF-5	101.9	14.9	91.4	-0.8	F	Density
206	03/25/14	N 1354548, E 625651	3	101.3	12.2	SF-2	103.3	14.9	98.1	-2.7	P	
207	03/25/14	N 1354532, E 625582	3	98.8	14.7	SF-5	101.9	14.9	97.0	-0.2	P	
208	03/25/14	N 1354488, E 625765	3	98.2	12.2	SF-5	101.9	14.9	96.4	-2.7	P	
209	03/25/14	N 1354480, E 625832	3	99.4	12.0	SF-2	103.3	14.9	96.2	-2.9	P	
210	03/25/14	N 1354357, E 625941	3	99.9	11.9	SF-2	103.3	14.9	96.7	-3.0	P	
211	03/25/14	N 1354378, E 625878	3	98.3	12.4	SF-5	101.9	14.9	96.5	-2.5	P	
212	03/25/14	N 1354371, E 625812	3	98.7	11.9	SF-5	101.9	14.9	96.9	-3.0	P	

Kevin Lesley

PREPARED BY

03/25/14

DATE



**Brantley
Engineering, LLC**

SUMMARY OF FIELD DENSITY TESTING RESULTS

PROJECT NUMBER: 2014-101

OWNER/ENGINEER: Omni Waste of Osceola, LLC

Cell 10
Fill

PROJECT TITLE: JED Cell 10 Construction

CONTRACTOR: RCS Excavation

DATES: FROM 03/25/14 TO 03/26/14 PAGE 13

TEST NUMBER	TEST DATE	LOCATION OF SAMPLE	LIFT NO OR ELEV (ft)	IN PLACE DETERMINATION		MATCHING PROTOR			TEST RESULTS			REMARK
				DRY DENSITY (pcf)	MOISTURE CONTENT (%)	CURVE NUMBER	MAX DRY DENSITY (pcf)	OPTIMUM MOISTURE (%)	PERCENT COMP (%)	DIFFER FROM OPT MOISTURE (%)	PASS/ FAIL	
213	03/25/14	N 1354371, E 625761	3	100.8	12.2	SF-2	103.3	14.9	97.6	-2.7	P	
214	03/25/14	N 1354419, E 625762	3	100.9	13.9	SF-2	103.3	14.9	97.7	-1.0	P	
215	03/25/14	N 1354410, E 625688	3	100.7	12.5	SF-2	103.3	14.9	97.5	-2.4	P	
216	03/25/14	N 1354475, E 625678	3	97.5	15.1	SF-5	101.9	14.9	95.7	0.2	P	
217	03/25/14	N 1354465, E 625615	3	97.2	13.9	SF-5	101.9	14.9	95.4	-1.0	P	
218	03/25/14	N 1354468, E 625555	3	97.3	12.2	SF-5	101.9	14.9	95.5	-2.7	P	
CP	03/26/14	-	-	103.0	14.6	SF-2	103.3	14.9	-	-	-	
DR18	03/26/14	N 1354411, E 625511	3	100.6	12.1	SF-2	103.3	14.9	97.4	-2.8	P	
219	03/26/14	N 1354411, E 625511	3	100.4	12.7	SF-2	103.3	14.9	97.2	-2.2	P	
220	03/26/14	N 1354376, E 625558	3	100.6	13.5	SF-2	103.3	14.9	97.4	-1.4	P	
221	03/26/14	N 1354375, E 625609	3	101.9	12.1	SF-2	103.3	14.9	98.6	-2.8	P	
222	03/26/14	N 1354344, E 625679	3	101.6	12.7	SF-2	103.3	14.9	98.4	-2.2	P	
223	03/26/14	N 1354316, E 625738	3	99.5	12.2	SF-2	103.3	14.9	96.3	-2.7	P	
224	03/26/14	N 1354312, E 625808	3	100.5	13.3	SF-2	103.3	14.9	97.3	-1.6	P	
225	03/26/14	N 1354319, E 625480	3	99.2	11.9	SF-2	103.3	14.9	96.0	-3.0	P	
226	03/26/14	N 1354270, E 625552	3	99.1	15.3	SF-2	103.3	14.9	95.9	0.4	P	
227	03/26/14	N 1354269, E 625650	3	100.6	12.2	SF-2	103.3	14.9	97.4	-2.7	P	
228	03/26/14	N 1354268, E 625751	3	97.5	14.1	SF-5	101.9	14.9	95.7	-0.8	P	
229	03/26/14	N 1354208, E 625860	3	96.9	12.4	SF-5	101.9	14.9	95.1	-2.5	P	
230	03/26/14	N 1354261, E 625910	3	97.7	11.9	SF-5	101.9	14.9	95.9	-3.0	P	
205R	03/26/14	N 1354461, E 626018	3	98.3	11.9	SF-5	101.9	14.9	96.5	-3.0	P	Retest

Kevin Lesley

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03/26/14

DATE



**Brantley
Engineering, LLC**

SUMMARY OF FIELD DENSITY TESTING RESULTS

PROJECT NUMBER: 2014-101

OWNER/ENGINEER: Omni Waste of Osceola, LLC

Cell 10
Fill

PROJECT TITLE: JED Cell 10 Construction

CONTRACTOR: RCS Excavation

DATES: FROM 03/26/14 TO 03/26/14 PAGE 14

TEST NUMBER	TEST DATE	LOCATION OF SAMPLE	LIFT NO OR ELEV (ft)	IN PLACE DETERMINATION		MATCHING PROTOR			TEST RESULTS			REMARK
				DRY DENSITY (pcf)	MOISTURE CONTENT (%)	CURVE NUMBER	MAX DRY DENSITY (pcf)	OPTIMUM MOISTURE (%)	PERCENT COMP (%)	DIFFER FROM OPT MOISTURE (%)	PASS/ FAIL	
231	03/26/14	N 1354870, E 625770	4	97.9	11.9	SF-5	101.9	14.9	96.1	-3.0	P	
232	03/26/14	N 1354840, E 624845	4	97.0	12.4	SF-5	101.9	14.9	95.2	-2.5	P	
233	03/26/14	N 1354775, E 625939	4	98.6	12.4	SF-5	101.9	14.9	96.8	-2.5	P	
234	03/26/14	N 1354725, E 626028	4	97.1	14.4	SF-5	101.9	14.9	95.3	-0.5	P	
235	03/26/14	N 1354681, E 626110	4	98.6	13.4	SF-5	101.9	14.9	96.8	-1.5	P	
236	03/26/14	N 1354666, E 626078	4	96.8	12.1	SF-5	101.9	14.9	95.0	-2.8	P	
237	03/26/14	N 1354592, E 626101	4	98.5	12.0	SF-5	101.9	14.9	96.7	-2.9	P	
238	03/26/14	N 1354652, E 625995	4	99.2	13.0	SF-5	101.9	14.9	97.4	-1.9	P	
239	03/26/14	N 1354689, E 625908	4	98.9	12.8	SF-5	101.9	14.9	97.1	-2.1	P	
240	03/26/14	N 1354723, E 625822	4	99.4	12.0	SF-5	101.9	14.9	97.5	-2.9	P	
241	03/26/14	N 1354725, E 625766	4	96.9	12.3	SF-5	101.9	14.9	95.1	-2.6	P	
242	03/26/14	N 1354806, E 625725	4	97.7	14.9	SF-5	101.9	14.9	95.9	0.0	P	
CP	03/26/14	-	-	102.0	14.3	SF-5	101.9	14.9	-	-	-	
DR19	03/26/14	N 1354715, E 625680	4	97.0	13.8	SF-5	101.9	14.9	95.2	-1.1	P	
243	03/26/14	N 1354715, E 625680	4	96.9	14.3	SF-5	101.9	14.9	95.1	-0.6	P	
244	03/26/14	N 1354671, E 625729	4	100.4	12.8	SF-5	101.9	14.9	98.5	-2.1	P	
245	03/26/14	N 1354640, E 625845	4	98.7	13.6	SF-2	103.3	14.9	95.5	-1.3	P	
246	03/26/14	N 1354563, E 625863	4	97.0	13.4	SF-5	101.9	14.9	95.2	-1.5	P	
247	03/26/14	N 1354562, E 625943	4	96.9	12.1	SF-5	101.9	14.9	95.1	-2.8	P	
248	03/26/14	N 1354562, E 626018	4	97.9	12.3	SF-5	101.9	14.9	96.1	-2.6	P	
249	03/26/14	N 1354452, E 626019	4	100.4	12.6	SF-2	103.3	14.9	97.2	-2.3	P	

Kevin Lesley

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03/26/14

DATE



**Brantley
Engineering, LLC**

SUMMARY OF FIELD DENSITY TESTING RESULTS

PROJECT NUMBER: 2014-101

OWNER/ENGINEER: Omni Waste of Osceola, LLC

Cell 10
Fill

PROJECT TITLE: JED Cell 10 Construction

CONTRACTOR: RCS Excavation

DATES: FROM 03/26/14 TO 03/27/14 PAGE 15

TEST NUMBER	TEST DATE	LOCATION OF SAMPLE	LIFT NO OR ELEV (ft)	IN PLACE DETERMINATION		MATCHING PROTOR			TEST RESULTS			REMARK
				DRY DENSITY (pcf)	MOISTURE CONTENT (%)	CURVE NUMBER	MAX DRY DENSITY (pcf)	OPTIMUM MOISTURE (%)	PERCENT COMP (%)	DIFFER FROM OPT MOISTURE (%)	PASS/ FAIL	
250	03/26/14	N 1354462, E 625976	4	98.5	12.5	SF-5	101.9	14.9	96.7	-2.4	P	
251	03/26/14	N 1354549, E 625760	4	98.5	12.3	SF-5	101.9	14.9	96.7	-2.6	P	
252	03/26/14	N 1354580, E 625688	4	101.5	12.6	SF-8	104.1	15.6	97.5	-3.0	P	
253	03/26/14	N 1354637, E 625652	4	98.2	12.5	SF-5	101.9	14.9	96.4	-2.4	P	
254	03/26/14	N 1354566, E 625612	4	101.9	13.4	SF-8	104.1	15.6	97.9	-2.2	P	
255	03/26/14	N 1354439, E 625918	4	97.6	15.4	SF-5	101.9	14.9	95.8	0.5	P	
256	03/26/14	N 1354451, E 625844	4	97.1	12.9	SF-5	101.9	14.9	95.3	-2.0	P	
257	03/26/14	N 1354461, E 625763	4	98.9	12.1	SF-2	103.3	14.9	95.7	-2.8	P	
258	03/26/14	N 1354472, E 625661	4	100.6	13.3	SF-2	103.3	14.9	97.4	-1.6	P	
259	03/26/14	N 1354510, E 625580	4	99.8	12.8	SF-2	103.3	14.9	96.6	-2.1	P	
CP	03/27/14	-	-	102.0	15.2	SF-5	101.9	14.9	-	-	-	
DR20	03/27/14	N 1354722, E 625676	5	98.0	12.2	SF-5	101.9	14.9	96.2	-2.7	P	
260	03/27/14	N 1354722, E 625676	5	97.6	12.2	SF-5	101.9	14.9	95.8	-2.7	P	
261	03/27/14	N 1354680, E 625750	5	100.1	13.1	SF-8	104.1	15.6	96.2	-2.5	P	
262	03/27/14	N 1354635, E 625830	5	100.6	12.5	SF-2	103.3	14.9	97.4	-2.4	P	
263	03/27/14	N 1354591, E 625882	5	97.8	12.3	SF-5	101.9	14.9	96.0	-2.6	P	
264	03/27/14	N 1354552, E 625943	5	97.4	13.0	SF-5	101.9	14.9	95.6	-1.9	P	
265	03/27/14	N 1354471, E 626018	5	97.6	13.5	SF-5	101.9	14.9	95.8	-1.4	P	
266	03/27/14	N 1354442, E 625968	5	99.3	11.9	SF-2	103.3	14.9	96.1	-3.0	P	
267	03/27/14	N 1354451, E 625850	5	99.0	13.0	SF-2	103.3	14.9	95.8	-1.9	P	
268	03/27/14	N 1354521, E 625820	5	98.0	12.3	SF-5	101.9	14.9	96.2	-2.6	P	

Kevin Lesley

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03/27/14

DATE



**Brantley
Engineering, LLC**

SUMMARY OF FIELD DENSITY TESTING RESULTS

PROJECT NUMBER: 2014-101

OWNER/ENGINEER: Omni Waste of Osceola, LLC

Cell 10
Fill

PROJECT TITLE: JED Cell 10 Construction

CONTRACTOR: RCS Excavation

DATES: FROM 03/27/14 TO 03/28/14 PAGE 16

TEST NUMBER	TEST DATE	LOCATION OF SAMPLE	LIFT NO OR ELEV (ft)	IN PLACE DETERMINATION		MATCHING PROTOR			TEST RESULTS			REMARK
				DRY DENSITY (pcf)	MOISTURE CONTENT (%)	CURVE NUMBER	MAX DRY DENSITY (pcf)	OPTIMUM MOISTURE (%)	PERCENT COMP (%)	DIFFER FROM OPT MOISTURE (%)	PASS/ FAIL	
269	03/27/14	N 1354573, E 625747	5	100.4	12.9	SF-8	104.1	15.6	96.4	-2.7	P	
270	03/27/14	N 1354633, E 625661	5	101.1	13.5	SF-8	104.1	15.6	97.1	-2.1	P	
271	03/27/14	N 1354582, E 625621	5	98.3	12.8	SF-5	101.9	14.9	96.5	-2.1	P	
272	03/27/14	N 1354543, E 625674	5	97.1	13.0	SF-5	101.9	14.9	95.3	-1.9	P	
273	03/27/14	N 1354470, E 625716	5	100.6	12.9	SF-8	104.1	15.6	96.6	-2.7	P	
274	03/27/14	N 1354449, E 625646	5	98.5	12.3	SF-5	101.9	14.9	96.7	-2.6	P	
275	03/27/14	N 1354529, E 625588	5	99.0	12.1	SF-2	103.3	14.9	95.8	-2.8	P	
CP	03/28/14	-	-	102.9	15.1	SF-2	103.3	14.9	-	-	-	
DR21	03/28/14	N 1354436, E 625570	4	99.0	12.8	SF-2	103.3	14.9	95.8	-2.1	P	
276	03/28/14	N 1354436, E 625570	4	98.9	13.2	SF-2	103.3	14.9	95.7	-1.7	P	
277	03/28/14	N 1354362, E 625550	4	99.7	12.8	SF-2	103.3	14.9	96.5	-2.1	P	
278	03/28/14	N 1354360, E 625630	4	100.0	13.0	SF-8	104.1	15.6	96.1	-2.6	P	
279	03/28/14	N 1354361, E 625727	4	99.3	13.1	SF-2	103.3	14.9	96.1	-1.8	P	
280	03/28/14	N 1354362, E 625817	4	99.7	13.4	SF-2	103.3	14.9	96.5	-1.5	P	
281	03/28/14	N 1354350, E 625937	4	100.6	12.7	SF-8	104.1	15.6	96.6	-2.9	P	
282	03/28/14	N 1354271, E 625908	4	100.4	13.1	SF-8	104.1	15.6	96.4	-2.5	P	
283	03/28/14	N 1354272, E 625872	4	101.3	13.3	SF-8	104.1	15.6	97.3	-2.3	P	
284	03/28/14	N 1354268, E 625827	4	98.6	11.9	SF-5	101.9	14.9	96.8	-3.0	P	
285	03/28/14	N 1354250, E 625742	4	101.5	13.7	SF-8	104.1	15.6	97.5	-1.9	P	
286	03/28/14	N 1354261, E 625669	4	98.4	13.1	SF-5	101.9	14.9	96.6	-1.8	P	
287	03/28/14	N 1354295, E 625549	4	98.0	12.3	SF-5	101.9	14.9	96.2	-2.6	P	

Kevin Lesley

PREPARED BY

03/28/14

DATE



**Brantley
Engineering, LLC**

SUMMARY OF FIELD DENSITY TESTING RESULTS

PROJECT NUMBER: 2014-101

OWNER/ENGINEER: Omni Waste of Osceola, LLC

Cell 10
Fill

PROJECT TITLE: JED Cell 10 Construction

CONTRACTOR: RCS Excavation

DATES: FROM 03/28/14 TO 03/31/14 PAGE 17

TEST NUMBER	TEST DATE	LOCATION OF SAMPLE	LIFT NO OR ELEV (ft)	IN PLACE DETERMINATION		MATCHING PROTOR			TEST RESULTS			REMARK
				DRY DENSITY (pcf)	MOISTURE CONTENT (%)	CURVE NUMBER	MAX DRY DENSITY (pcf)	OPTIMUM MOISTURE (%)	PERCENT COMP (%)	DIFFER FROM OPT MOISTURE (%)	PASS/ FAIL	
288	03/28/14	N 1354333, E 625481	4	102.9	12.9	SF-8	104.1	15.6	98.8	-2.7	P	
289	03/28/14	N 1354259, E 625451	4	100.2	14.2	SF-8	104.1	15.6	96.3	-1.4	P	
290	03/28/14	N 1354392, E 626019	5	100.4	13.4	SF-8	104.1	15.6	96.4	-2.2	P	
291	03/28/14	N 1354342, E 625938	5	99.4	13.5	SF-2	103.3	14.9	96.2	-1.4	P	
292	03/28/14	N 1354272, E 625917	5	98.4	12.6	SF-5	101.9	14.9	96.6	-2.3	P	
293	03/28/14	N 1354380, E 625900	5	101.6	13.4	SF-8	104.1	15.6	97.6	-2.2	P	
294	03/28/14	N 1354390, E 625823	5	101.2	13.9	SF-8	104.1	15.6	97.2	-1.7	P	
295	03/28/14	N 1354353, E 625746	5	100.2	12.8	SF-8	104.1	15.6	96.3	-2.8	P	
296	03/28/14	N 1354353, E 625670	5	101.3	13.3	SF-8	104.1	15.6	97.3	-2.3	P	
297	03/28/14	N 1354437, E 625555	5	100.4	13.8	SF-8	104.1	15.6	96.4	-1.8	P	
298	03/28/14	N 1354361, E 625488	5	102.1	13.0	SF-8	104.1	15.6	98.1	-2.6	P	
299	03/28/14	N 1354347, E 625553	5	101.0	13.2	SF-8	104.1	15.6	97.0	-2.4	P	
300	03/28/14	N 1354270, E 625474	5	101.6	14.5	SF-8	104.1	15.6	97.6	-1.1	P	
CP	03/28/14	-	-	103.4	15.3	SF-8	104.1	15.6	-	-	-	
DR22	03/28/14	N 1354269, E 625570	5	100.5	13.6	SF-8	104.1	15.6	96.5	-2.0	P	
301	03/28/14	N 1354269, E 625570	5	100.6	13.7	SF-8	104.1	15.6	96.6	-1.9	P	
302	03/28/14	N 1354270, E 625694	5	99.6	13.1	SF-2	103.3	14.9	96.4	-1.8	P	
303	03/28/14	N 1354271, E 625821	5	100.9	13.0	SF-2	103.3	14.9	97.7	-1.9	P	
CP	03/31/14	-	-	102.3	14.6	SF-5	101.9	14.9	-	-	-	
DR23	03/31/14	N 1354590, E 626118	6	98.3	13.9	SF-5	101.9	14.9	96.5	-1.0	P	
304	03/31/14	N 1354590, E 626118	6	98.7	14.2	SF-5	101.9	14.9	96.9	-0.7	P	

Kevin Lesley

PREPARED BY

03/31/14

DATE



**Brantley
Engineering, LLC**

SUMMARY OF FIELD DENSITY TESTING RESULTS

PROJECT NUMBER: 2014-101

OWNER/ENGINEER: Omni Waste of Osceola, LLC

Cell 10
Fill

PROJECT TITLE: JED Cell 10 Construction

CONTRACTOR: RCS Excavation

DATES: FROM 03/31/14 TO 03/31/14 PAGE 18

TEST NUMBER	TEST DATE	LOCATION OF SAMPLE	LIFT NO OR ELEV (ft)	IN PLACE DETERMINATION		MATCHING PROTOR			TEST RESULTS			REMARK
				DRY DENSITY (pcf)	MOISTURE CONTENT (%)	CURVE NUMBER	MAX DRY DENSITY (pcf)	OPTIMUM MOISTURE (%)	PERCENT COMP (%)	DIFFER FROM OPT MOISTURE (%)	PASS/ FAIL	
305	03/31/14	N 1354580, E 626070	6	96.9	13.1	SF-5	101.9	14.9	95.1	-1.8	P	
306	03/31/14	N 1354615, E 626030	6	97.0	12.7	SF-5	101.9	14.9	95.2	-2.2	P	
307	03/31/14	N 1354625, E 625981	6	99.5	12.0	SF-2	103.3	14.9	96.3	-2.9	P	
308	03/31/14	N 1354560 E 625981	6	97.3	13.4	SF-5	101.9	14.9	95.5	-1.5	P	
309	03/31/14	N 1354660, E 625905	6	98.2	12.4	SF-5	101.9	14.9	96.4	-2.5	P	
310	03/31/14	N 1354572, E 625872	6	97.9	12.3	SF-5	101.9	14.9	96.1	-2.6	P	
311	03/31/14	N 1354642, E 625869	6	97.9	13.3	SF-5	101.9	14.9	96.1	-1.6	P	
312	03/31/14	N 1354720, E 625850	6	101.6	14.4	SF-8	104.1	15.6	97.6	-1.2	P	
313	03/31/14	N 1354723, E 625777	6	96.9	13.6	SF-5	101.9	14.9	95.1	-1.3	P	
314	03/31/14	N 1354773, E 625740	6	100.7	12.5	SF-2	103.3	14.9	97.5	-2.4	P	
315	03/31/14	N 1354765, E 625669	6	99.0	13.1	SF-2	103.3	14.9	95.8	-1.8	P	
316	03/31/14	N 1354719, E 625683	6	97.2	12.9	SF-5	101.9	14.9	95.4	-2.0	P	
317	03/31/14	N 1354650, E 625675	6	99.1	12.5	SF-2	103.3	14.9	95.9	-2.4	P	
318	03/31/14	N 1354653, E 625766	6	101.7	12.8	SF-8	104.1	15.6	97.7	-2.8	P	
319	03/31/14	N 1354609, E 625600	6	98.2	11.9	SF-5	101.9	14.9	96.4	-3.0	P	
320	03/31/14	N 1354581, E 625651	6	97.8	14.3	SF-5	101.9	14.9	96.0	-0.6	P	
321	03/31/14	N 1354571, E 625728	6	101.3	15.1	SF-8	104.1	15.6	97.3	-0.5	P	
322	03/31/14	N 1354508, E 625809	6	102.6	13.0	SF-8	104.1	15.6	98.6	-2.6	P	
323	03/31/14	N 1354495, E 625904	6	102.8	14.7	SF-8	104.1	15.6	98.8	-0.9	P	
324	03/31/14	N 1354464, E 625994	6	102.0	13.1	SF-8	104.1	15.6	98.0	-2.5	P	
325	03/31/14	N 1354452, E 626050	6	99.2	13.3	SF-2	103.3	14.9	96.0	-1.6	P	

Kevin Lesley

PREPARED BY

03/31/14

DATE



**Brantley
Engineering, LLC**

SUMMARY OF FIELD DENSITY TESTING RESULTS

PROJECT NUMBER: 2014-101

OWNER/ENGINEER: Omni Waste of Osceola, LLC

Cell 10
Fill

PROJECT TITLE: JED Cell 10 Construction

CONTRACTOR: RCS Excavation

DATES: FROM 04/01/14 TO 04/02/14 PAGE 19

TEST NUMBER	TEST DATE	LOCATION OF SAMPLE	LIFT NO OR ELEV (ft)	IN PLACE DETERMINATION		MATCHING PROTOR			TEST RESULTS			REMARK
				DRY DENSITY (pcf)	MOISTURE CONTENT (%)	CURVE NUMBER	MAX DRY DENSITY (pcf)	OPTIMUM MOISTURE (%)	PERCENT COMP (%)	DIFFER FROM OPT MOISTURE (%)	PASS/ FAIL	
CP	04/01/14	-	-	101.5	14.3	SF-5	101.9	14.9	-	-	-	
DR24	04/01/14	N 1354533, E 625550	6	99.0	12.1	SF-5	101.9	14.9	97.2	-2.8	P	
326	04/01/14	N 1354533, E 625550	6	98.9	12.3	SF-5	101.9	14.9	97.1	-2.6	P	
327	04/01/14	N 1354490, E 625611	6	97.5	13.7	SF-5	101.9	14.9	95.7	-1.2	P	
328	04/01/14	N 1354444, E 625681	6	101.1	13.0	SF-8	104.1	15.6	97.1	-2.6	P	
329	04/01/14	N 1354443, E 625749	6	99.8	14.6	SF-2	103.3	14.9	96.6	-0.3	P	
330	04/01/14	N 1354468, E 625809	6	97.6	14.1	SF-2	103.3	14.9	94.5	-0.8	P	
331	04/01/14	N 1354383, E 625880	6	99.5	13.4	SF-2	103.3	14.9	96.3	-1.5	P	
332	04/01/14	N 1354353, E 625953	6	100.7	14.3	SF-2	103.3	14.9	97.5	-0.6	P	
333	04/01/14	N 1354437, E 625547	6	96.9	14.4	SF-5	101.9	14.9	95.1	-0.5	P	
334	04/01/14	N 1354368, E 625612	6	100.4	12.5	SF-2	103.3	14.9	97.2	-2.4	P	
335	04/01/14	N 1354362, E 625712	6	98.5	13.5	SF-5	101.9	14.9	96.7	-1.4	P	
336	04/01/14	N 1354331, E 625833	6	97.6	12.2	SF-5	101.9	14.9	95.8	-2.7	P	
CP	04/02/14	-	-	103.0	14.6	SF-2	103.3	14.9	-	-	-	
DR25	04/02/14	N 1354341, E 625503	6	99.6	13.5	SF-2	103.3	14.9	96.4	-1.4	P	
337	04/02/14	N 1354341, E 625503	6	100.2	13.7	SF-2	103.3	14.9	97.0	-1.2	P	
338	04/02/14	N 1354329, E 625455	6	101.2	13.7	SF-8	104.1	15.6	97.2	-1.9	P	
339	04/02/14	N 1354250, E 625546	6	98.0	13.8	SF-5	101.9	14.9	96.2	-1.1	P	
340	04/02/14	N 1354249, E 625648	6	102.1	13.5	SF-8	104.1	15.6	98.1	-2.1	P	
341	04/02/14	N 1354245, E 625770	6	97.0	14.2	SF-5	101.9	14.9	95.2	-0.7	P	
342	04/02/14	N 1354237, E 625868	6	98.0	13.3	SF-5	101.9	14.9	96.2	-1.6	P	

Kevin Lesley

PREPARED BY

04/02/14

DATE



**Brantley
Engineering, LLC**

SUMMARY OF FIELD DENSITY TESTING RESULTS

PROJECT NUMBER: 2014-101

OWNER/ENGINEER: Omni Waste of Osceola, LLC

Cell 10
Fill

PROJECT TITLE: JED Cell 10 Construction

CONTRACTOR: RCS Excavation

DATES: FROM 04/02/14 TO 04/02/14 PAGE 20

TEST NUMBER	TEST DATE	LOCATION OF SAMPLE	LIFT NO OR ELEV (ft)	IN PLACE DETERMINATION		MATCHING PROTOR			TEST RESULTS			REMARK
				DRY DENSITY (pcf)	MOISTURE CONTENT (%)	CURVE NUMBER	MAX DRY DENSITY (pcf)	OPTIMUM MOISTURE (%)	PERCENT COMP (%)	DIFFER FROM OPT MOISTURE (%)	PASS/ FAIL	
343	04/02/14	N 1354271, E 625478	6	97.4	12.7	SF-5	101.9	14.9	95.6	-2.2	P	
344	04/02/14	N 1354236, E 625411	6	100.7	12.3	SF-2	103.3	14.9	97.5	-2.6	P	
345	04/02/14	N 1354580, E 625602	7	99.6	12.1	SF-2	103.3	14.9	96.4	-2.8	P	
346	04/02/14	N 1354535, E 625678	7	101.9	12.9	SF-8	104.1	15.6	97.9	-2.7	P	
347	04/02/14	N 1354528, E 625740	7	99.6	13.0	SF-2	103.3	14.9	96.4	-1.9	P	
348	04/02/14	N 1354475, E 625811	7	102.7	14.5	SF-8	104.1	15.6	98.7	-1.1	P	
349	04/02/14	N 1354470, E 625880	7	101.4	14.2	SF-8	104.1	15.6	97.4	-1.4	P	
350	04/02/14	N 1354425, E 625922	7	100.3	13.1	SF-2	103.3	14.9	97.1	-1.8	P	
351	04/02/14	N 1354385, E 625995	7	98.6	14.5	SF-5	101.9	14.9	96.8	-0.4	P	
352	04/02/14	N 1354518, E 625583	7	101.1	12.7	SF-8	104.1	15.6	97.1	-2.9	P	
353	04/02/14	N 1354469, E 625640	7	101.6	12.8	SF-8	104.1	15.6	97.6	-2.8	P	
354	04/02/14	N 1354455, E 625719	7	99.4	13.0	SF-2	103.3	14.9	96.2	-1.9	P	
355	04/02/14	N 1354382, E 625775	7	99.6	12.9	SF-2	103.3	14.9	96.4	-2.0	P	
356	04/02/14	N 1354418, E 625522	7	97.4	13.7	SF-5	101.9	14.9	95.6	-1.2	P	
357	04/02/14	N 1354348, E 625574	7	100.5	12.3	SF-2	103.3	14.9	97.3	-2.6	P	
358	04/02/14	N 1354338, E 625652	7	100.8	14.0	SF-2	103.3	14.9	97.6	-0.9	P	
359	04/02/14	N 1354362, E 625820	7	101.0	12.6	SF-8	104.1	15.6	97.0	-3.0	P	
360	04/02/14	N 1354349, E 625910	7	98.7	12.0	SF-5	101.9	14.9	96.9	-2.9	P	
361	04/02/14	N 1354280, E 625963	7	101.3	13.7	SF-8	104.1	15.6	97.3	-1.9	P	
CP	04/02/14	-	-	103.5	14.3	SF-2	103.3	14.9	-	-	-	
DR26	04/02/14	N 1354226, E 625843	7	100.3	13.0	SF-2	103.3	14.9	97.1	-1.9	P	

Kevin Lesley

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04/02/14

DATE



**Brantley
Engineering, LLC**

SUMMARY OF FIELD DENSITY TESTING RESULTS

PROJECT NUMBER: 2014-101

OWNER/ENGINEER: Omni Waste of Osceola, LLC

Cell 10
Fill

PROJECT TITLE: JED Cell 10 Construction

CONTRACTOR: RCS Excavation

DATES: FROM 04/02/14 TO 04/03/14 PAGE 21

TEST NUMBER	TEST DATE	LOCATION OF SAMPLE	LIFT NO OR ELEV (ft)	IN PLACE DETERMINATION		MATCHING PROTOR			TEST RESULTS			REMARK
				DRY DENSITY (pcf)	MOISTURE CONTENT (%)	CURVE NUMBER	MAX DRY DENSITY (pcf)	OPTIMUM MOISTURE (%)	PERCENT COMP (%)	DIFFER FROM OPT MOISTURE (%)	PASS/ FAIL	
362	04/02/14	N 1354226, E 625843	7	100.8	13.6	SF-2	103.3	14.9	97.6	-1.3	P	
363	04/02/14	N 1354249, E 625751	7	100.5	13.4	SF-2	103.3	14.9	97.3	-1.5	P	
364	04/02/14	N 1354244, E 625638	7	100.9	12.9	SF-2	103.3	14.9	97.7	-2.0	P	
365	04/02/14	N 1354245, E 625523	7	97.6	11.9	SF-5	101.9	14.9	95.8	-3.0	P	
366	04/02/14	N 1354302, E 625471	7	100.5	12.8	SF-2	103.3	14.9	97.3	-2.1	P	
CP	04/03/14	-	-	103.6	15.0	SF-8	104.1	15.6	-	-	-	
DR27	04/03/14	N 1354408, E 626032	8	101.5	14.0	SF-8	104.1	15.6	97.5	-1.6	P	
367	04/03/14	N 1354408, E 626032	8	101.9	13.8	SF-8	104.1	15.6	97.9	-1.8	P	
368	04/03/14	N 1354382, E 625985	8	98.9	14.3	SF-5	101.9	14.9	97.1	-0.6	P	
369	04/03/14	N 1354418, E 625925	8	100.6	13.1	SF-2	103.3	14.9	97.4	-1.8	P	
370	04/03/14	N 1354451, E 625835	8	100.9	13.6	SF-2	103.3	14.9	97.7	-1.3	P	
371	04/03/14	N 1354512, E 625755	8	101.2	13.0	SF-8	104.1	15.6	97.2	-2.6	P	
372	04/03/14	N 1354512, E 625680	8	99.4	12.0	SF-2	103.3	14.9	96.2	-2.9	P	
373	04/03/14	N 1354583, E 625608	8	100.6	12.3	SF-2	103.3	14.9	97.4	-2.6	P	
374	04/03/14	N 1354518, E 625572	8	99.4	13.6	SF-2	103.3	14.9	96.2	-1.3	P	
375	04/03/14	N 1354461, E 625612	8	96.9	14.1	SF-5	101.9	14.9	95.1	-0.8	P	
376	04/03/14	N 1354452, E 625740	8	102.1	12.9	SF-8	104.1	15.6	98.1	-2.7	P	
377	04/03/14	N 1354377, E 625810	8	98.8	12.7	SF-5	101.9	14.9	97.0	-2.2	P	
378	04/03/14	N 1354333, E 625910	8	99.0	11.9	SF-2	103.3	14.9	95.8	-3.0	P	
379	04/03/14	N 1354323, E 625990	8	99.3	12.2	SF-2	103.3	14.9	96.1	-2.7	P	
380	04/03/14	N 1354245, E 625927	8	101.0	13.4	SF-8	104.1	15.6	97.0	-2.2	P	

Kevin Lesley

PREPARED BY

04/03/14

DATE



**Brantley
Engineering, LLC**

SUMMARY OF FIELD DENSITY TESTING RESULTS

PROJECT NUMBER: 2014-101

OWNER/ENGINEER: Omni Waste of Osceola, LLC

Cell 10
Fill

PROJECT TITLE: JED Cell 10 Construction

CONTRACTOR: RCS Excavation

DATES: FROM 04/03/14 TO 04/04/14 PAGE 22

TEST NUMBER	TEST DATE	LOCATION OF SAMPLE	LIFT NO OR ELEV (ft)	IN PLACE DETERMINATION		MATCHING PROTOR			TEST RESULTS			REMARK
				DRY DENSITY (pcf)	MOISTURE CONTENT (%)	CURVE NUMBER	MAX DRY DENSITY (pcf)	OPTIMUM MOISTURE (%)	PERCENT COMP (%)	DIFFER FROM OPT MOISTURE (%)	PASS/ FAIL	
381	04/03/14	N 1354271, E 625915	8	100.8	12.6	SF-8	104.1	15.6	96.8	-3.0	P	
382	04/03/14	N 1354266, E 625849	8	97.1	13.1	SF-5	101.9	14.9	95.3	-1.8	P	
383	04/03/14	N 1354350, E 625768	8	97.7	12.2	SF-5	101.9	14.9	95.9	-2.7	P	
384	04/03/14	N 1354351, E 625681	8	100.7	12.8	SF-8	104.1	15.6	96.7	-2.8	P	
385	04/03/14	N 1354363, E 625572	8	99.2	12.7	SF-2	103.3	14.9	96.0	-2.2	P	
386	04/03/14	N 1354442, E 625500	8	98.5	16.4	SF-5	101.9	14.9	96.7	1.5	P	
387	04/03/14	N 1354362, E 625492	8	102.0	14.6	SF-8	104.1	15.6	98.0	-1.0	P	
388	04/03/14	N 1354235, E 625748	8	98.3	14.6	SF-5	101.9	14.9	96.5	-0.3	P	
389	04/03/14	N 1354280, E 625647	8	97.6	11.9	SF-5	101.9	14.9	95.8	-3.0	P	
390	04/03/14	N 1354240, E 625564	8	98.6	12.6	SF-5	101.9	14.9	96.8	-2.3	P	
CP	04/03/14	-	-	104.0	15.5	SF-8	104.1	15.6	-	-	-	
DR28	04/03/14	N 1354238, E 625681	8	101.0	13.6	SF-8	104.1	15.6	97.0	-2.0	P	
391	04/03/14	N 1354238, E 625681	8	101.7	14.0	SF-8	104.1	15.6	97.7	-1.6	P	
392	04/03/14	N 1354277, E 625462	8	101.8	14.6	SF-8	104.1	15.6	97.8	-1.0	P	
CP	04/04/14	-	-	103.1	15.1	SF-8	104.1	15.6	-	-	-	
DR29	04/04/14	N 1354444, E 625503	9	99.3	13.2	SF-8	104.1	15.6	95.4	-2.4	P	
393	04/04/14	N 1354444, E 625503	9	100.2	13.2	SF-8	104.1	15.6	96.3	-2.4	P	
394	04/04/14	N 1354409, E 625605	9	100.7	12.6	SF-8	104.1	15.6	96.7	-3.0	P	
395	04/04/14	N 1354382, E 625682	9	99.0	14.9	SF-2	103.3	14.9	95.8	0.0	P	
396	04/04/14	N 1354350, E 625776	9	97.3	14.2	SF-3	101.8	15.9	95.6	-1.7	P	
397	04/04/14	N 1354320, E 625820	9	98.0	13.9	SF-3	101.8	15.9	96.3	-2.0	P	
398	04/04/14	N 1354290, E 625908	9	96.9	14.6	SF-3	101.8	15.9	95.2	-1.3	P	

Kevin Lesley

PREPARED BY

04/04/14

DATE



**Brantley
Engineering, LLC**

SUMMARY OF FIELD DENSITY TESTING RESULTS

PROJECT NUMBER: 2014-101

OWNER/ENGINEER: Omni Waste of Osceola, LLC

Cell 10
Fill

PROJECT TITLE: JED Cell 10 Construction

CONTRACTOR: RCS Excavation

DATES: FROM 04/04/14 TO 04/07/14 PAGE 23

TEST NUMBER	TEST DATE	LOCATION OF SAMPLE	LIFT NO OR ELEV (ft)	IN PLACE DETERMINATION		MATCHING PROTOR			TEST RESULTS			REMARK
				DRY DENSITY (pcf)	MOISTURE CONTENT (%)	CURVE NUMBER	MAX DRY DENSITY (pcf)	OPTIMUM MOISTURE (%)	PERCENT COMP (%)	DIFFER FROM OPT MOISTURE (%)	PASS/ FAIL	
399	04/04/14	N 1354231, E 625855	9	97.5	14.3	SF-3	101.8	15.9	95.8	-1.6	P	
400	04/04/14	N 1354263, E 625763	9	100.1	13.7	SF-8	104.1	15.6	96.2	-1.9	P	
401	04/04/14	N 1354250, E 625688	9	101.5	14.1	SF-8	104.1	15.6	97.5	-1.5	P	
402	04/04/14	N 1354309, E 625605	9	96.2	12.8	SF-3	101.8	15.9	94.5	-3.1	F	Density
403	04/04/14	N 1354349, E 625544	9	95.3	17.3	SF-2	103.3	14.9	92.3	2.4	F	Density
404	04/04/14	N 1354307, E 625473	9	95.6	17.9	SF-3	101.8	15.9	93.9	2.0	F	Density
405	04/04/14	N 1354262, E 625450	9	94.9	18.0	SF-3	101.8	15.9	93.2	2.1	F	Density
402R	04/04/14	N 1354309, E 625605	9	98.2	14.7	SF-3	101.8	15.9	96.5	-1.2	P	Retest
403R	04/04/14	N 1354349, E 625544	9	99.1	15.2	SF-2	103.3	14.9	95.9	0.3	P	Retest
404R	04/04/14	N 1354307, E 625473	9	97.3	14.9	SF-3	101.8	15.9	95.6	-1.0	P	Retest
405R	04/04/14	N 1354262, E 625450	9	98.1	13.8	SF-3	101.8	15.9	96.4	-2.1	P	Retest
CP	04/07/14	-	-	101.2	15.0	SF-3	101.8	15.9	-	-	-	
DR30	04/07/14	N 1354248, E 625537	9	98.5	14.9	SF-3	101.8	15.9	96.8	-1.0	P	
406	04/07/14	N 1354248, E 625537	9	97.9	15.3	SF-3	101.8	15.9	96.2	-0.6	P	
407	04/07/14	N 1355148, E 625918	3	98.5	16.1	SF-3	101.8	15.9	96.8	0.2	P	
408	04/07/14	N 1355109, E 625870	3	98.3	16.5	SF-3	101.8	15.9	96.6	0.6	P	
409	04/07/14	N 1355100, E 626021	3	98.0	14.7	SF-2	103.3	14.9	94.9	-0.2	F	Density
410	04/07/14	N 1355019, E 626068	3	97.9	15.2	SF-3	101.8	15.9	96.2	-0.7	P	
411	04/07/14	N 1355022, E 625972	3	99.3	15.0	SF-2	103.3	14.9	96.1	0.1	P	
412	04/07/14	N 1355060, E 625925	3	101.2	14.7	SF-8	104.1	15.6	97.2	-0.9	P	
413	04/07/14	N 1355045, E 625848	3	100.3	13.3	SF-2	103.3	14.9	97.1	-1.6	P	
414	04/07/14	N 1354972, E 625872	3	101.9	13.9	SF-8	104.1	15.6	97.9	-1.7	P	

Kevin Lesley

PREPARED BY

04/07/14

DATE



**Brantley
Engineering, LLC**

SUMMARY OF FIELD DENSITY TESTING RESULTS

PROJECT NUMBER: 2014-101

OWNER/ENGINEER: Omni Waste of Osceola, LLC

Cell 10
Fill

PROJECT TITLE: JED Cell 10 Construction

CONTRACTOR: RCS Excavation

DATES: FROM 04/07/14 TO 04/09/14 PAGE 24

TEST NUMBER	TEST DATE	LOCATION OF SAMPLE	LIFT NO OR ELEV (ft)	IN PLACE DETERMINATION		MATCHING PROTOR			TEST RESULTS			REMARK
				DRY DENSITY (pcf)	MOISTURE CONTENT (%)	CURVE NUMBER	MAX DRY DENSITY (pcf)	OPTIMUM MOISTURE (%)	PERCENT COMP (%)	DIFFER FROM OPT MOISTURE (%)	PASS/ FAIL	
415	04/07/14	N 1354938, E 625932	3	100.6	14.1	SF-8	104.1	15.6	96.6	-1.5	P	
416	04/07/14	N 1354930, E 626019	3	99.2	15.3	SF-2	103.3	14.9	96.0	0.4	P	
409R	04/07/14	N 1355100, E 626021	3	98.8	16.0	SF-2	103.3	14.9	95.6	1.1	P	Retest
CP	04/08/14	-	-	102.0	15.1	SF-3	101.8	15.9	-	-	-	
DR31	04/08/14	N 1354791, E 625971	5	99.0	15.5	SF-3	101.8	15.9	97.2	-0.4	P	
417	04/08/14	N 1354791, E 625971	5	98.5	15.8	SF-3	101.8	15.9	96.8	-0.1	P	
418	04/08/14	N 1354722, E 625960	5	97.7	16.7	SF-3	101.8	15.9	96.0	0.8	P	
419	04/08/14	N 1354748, E 626040	5	98.0	14.4	SF-3	101.8	15.9	96.3	-1.5	P	
420	04/08/14	N 1354730, E 626140	5	96.8	16.3	SF-3	101.8	15.9	95.1	0.4	P	
421	04/08/14	N 1354643, E 625932	5	98.9	14.6	SF-3	101.8	15.9	97.2	-1.3	P	
422	04/08/14	N 1354640, E 626028	5	98.1	15.3	SF-3	101.8	15.9	96.4	-0.6	P	
423	04/08/14	N 1354650, E 626151	5	99.2	15.1	SF-2	103.3	14.9	96.0	0.2	P	
424	04/08/14	N 1354543, E 626047	5	99.9	14.5	SF-2	103.3	14.9	96.7	-0.4	P	
425	04/08/14	N 1354672, E 625906	7	99.0	12.6	SF-1	102.7	14.7	96.4	-2.1	P	
426	04/08/14	N 1354621, E 625976	7	100.8	13.2	SF-1	102.7	14.7	98.1	-1.5	P	
427	04/08/14	N 1354602, E 626032	7	98.8	14.1	SF-5	101.9	14.9	97.0	-0.8	P	
428	04/08/14	N 1354567, E 626081	7	99.1	12.2	SF-1	102.7	14.7	96.5	-2.5	P	
429	04/08/14	N 1354498 E 626015	7	98.5	15.3	SF-5	101.9	14.9	96.7	0.4	P	
430	04/08/14	N 1354542, E 625941	7	96.9	14.2	SF-5	101.9	14.9	95.1	-0.7	P	
431	04/08/14	N 1354560, E 625842	7	97.3	13.7	SF-5	101.9	14.9	95.5	-1.2	P	
CP	04/09/14	-	-	102.0	14.5	SF-5	101.9	14.9	-	-	-	
DR32	04/09/14	N 1354710, E 625908	6	97.0	13.5	SF-5	101.9	14.9	95.2	-1.4	P	

Kevin Lesley

PREPARED BY

04/09/14

DATE



**Brantley
Engineering, LLC**

SUMMARY OF FIELD DENSITY TESTING RESULTS

PROJECT NUMBER: 2014-101

OWNER/ENGINEER: Omni Waste of Osceola, LLC

Cell 10
Fill

PROJECT TITLE: JED Cell 10 Construction

CONTRACTOR: RCS Excavation

DATES: FROM 04/09/14 TO 04/09/14 PAGE 25

TEST NUMBER	TEST DATE	LOCATION OF SAMPLE	LIFT NO OR ELEV (ft)	IN PLACE DETERMINATION		MATCHING PROTOR			TEST RESULTS			REMARK
				DRY DENSITY (pcf)	MOISTURE CONTENT (%)	CURVE NUMBER	MAX DRY DENSITY (pcf)	OPTIMUM MOISTURE (%)	PERCENT COMP (%)	DIFFER FROM OPT MOISTURE (%)	PASS/ FAIL	
432	04/09/14	N 1354710, E 625908	6	96.8	12.9	SF-5	101.9	14.9	95.0	-2.0	P	
433	04/09/14	N 1354709, E 625963	6	97.3	14.4	SF-5	101.9	14.9	95.5	-0.5	P	
434	04/09/14	N 1354775, E 625817	6	96.9	13.6	SF-5	101.9	14.9	95.1	-1.3	P	
435	04/09/14	N 1354700, E 626033	6	98.3	13.5	SF-5	101.9	14.9	96.5	-1.4	P	
436	04/09/14	N 1354678, E 626133	6	99.2	14.4	SF-1	102.7	14.7	96.6	-0.3	P	
437	04/09/14	N 1354844, E 626070	3	99.8	13.8	SF-1	102.7	14.7	97.2	-0.9	P	
438	04/09/14	N 1354834, E 626140	3	97.8	11.9	SF-5	101.9	14.9	96.0	-3.0	P	
439	04/09/14	N 1354849, E 626210	3	93.9	12.6	SF-5	101.9	14.9	92.1	-2.3	F	Density
440	04/09/14	N 1354946, E 626235	3	97.5	12.0	SF-5	101.9	14.9	95.7	-2.9	P	
441	04/09/14	N 1355000, E 626320	3	98.0	12.3	SF-5	101.9	14.9	96.2	-2.6	P	
442	04/09/14	N 1354950, E 626430	3	99.7	14.3	SF-1	102.7	14.7	97.1	-0.4	P	
443	04/09/14	N 1354520, E 625578	9	96.9	13.2	SF-5	101.9	14.9	95.1	-1.7	P	
444	04/09/14	N 1354518, E 625648	9	97.6	13.7	SF-5	101.9	14.9	95.8	-1.2	P	
445	04/09/14	N 1354448, E 625548	10	97.3	14.3	SF-3	101.8	15.9	95.6	-1.6	P	
446	04/09/14	N 1354419, E 625636	10	99.1	14.6	SF-1	102.7	14.7	96.5	-0.1	P	
447	04/09/14	N 1354372, E 625526	10	101.2	15.0	SF-8	104.1	15.6	97.2	-0.6	P	
448	04/09/14	N 1354318, E 625470	10	100.2	15.3	SF-2	103.3	14.9	97.0	0.4	P	
449	04/09/14	N 1354261, E 625444	10	99.7	14.8	SF-2	103.3	14.9	96.5	-0.1	P	
450	04/09/14	N 1354245, E 625541	10	97.9	14.2	SF-3	101.8	15.9	96.2	-1.7	P	
451	04/09/14	N 1354333, E 625639	10	98.0	13.9	SF-3	101.8	15.9	96.3	-2.0	P	
439R	04/09/14	N 1354849, E 625503	3	97.4	13.7	SF-5	101.9	14.9	95.6	-1.2	P	Retest
452	04/09/14	N 1354438, E 625729	9	99.3	14.0	SF-3	101.8	15.9	97.5	-1.9	P	

Kevin Lesley

PREPARED BY

04/09/14

DATE



**Brantley
Engineering, LLC**

SUMMARY OF FIELD DENSITY TESTING RESULTS

PROJECT NUMBER: 2014-101

OWNER/ENGINEER: Omni Waste of Osceola, LLC

Cell 10
Fill

PROJECT TITLE: JED Cell 10 Construction

CONTRACTOR: RCS Excavation

DATES: FROM 04/09/14 TO 04/10/14 PAGE 26

TEST NUMBER	TEST DATE	LOCATION OF SAMPLE	LIFT NO OR ELEV (ft)	IN PLACE DETERMINATION		MATCHING PROTOR			TEST RESULTS			REMARK
				DRY DENSITY (pcf)	MOISTURE CONTENT (%)	CURVE NUMBER	MAX DRY DENSITY (pcf)	OPTIMUM MOISTURE (%)	PERCENT COMP (%)	DIFFER FROM OPT MOISTURE (%)	PASS/ FAIL	
453	04/09/14	N 1354608, E 626010	8	101.2	13.9	SF-8	104.1	15.6	97.2	-1.7	P	
454	04/09/14	N 1354504, E 625955	8	100.6	15.2	SF-2	103.3	14.9	97.4	0.3	P	
455	04/09/14	N 1354500, E 626070	8	97.8	14.6	SF-3	101.8	15.9	96.1	-1.3	P	
CP	04/09/14	-	-	102.5	15.5	SF-2	103.3	14.9	-	-	-	
DR33	04/09/14	N 1354597, E 626098	8	100.1	16.0	SF-2	103.3	14.9	96.9	1.1	P	
456	04/09/14	N 1354597, E 626098	8	99.0	15.6	SF-2	103.3	14.9	95.8	0.7	P	
457	04/09/14	N 1354506, E 626078	9	98.3	14.8	SF-3	101.8	15.9	96.6	-1.1	P	
458	04/09/14	N 1354463, E 626013	9	97.0	13.2	SF-3	101.8	15.9	95.3	-2.7	P	
459	04/09/14	N 1354407, E 625948	9	97.1	12.9	SF-3	101.8	15.9	95.4	-3.0	P	
460	04/09/14	N 1354521, E 625947	9	97.9	13.3	SF-3	101.8	15.9	96.2	-2.6	P	
461	04/09/14	N 1354638, E 625630	9	96.9	14.3	SF-3	101.8	15.9	95.2	-1.6	P	
462	04/09/14	N 1354943, E 625810	4	97.6	15.6	SF-3	101.8	15.9	95.9	-0.3	P	
463	04/09/14	N 1355004, E 625833	4	100.4	15.1	SF-2	103.3	14.9	97.2	0.2	P	
CP	04/10/14	-	-	102.0	15.1	SF-3	101.8	15.9	-	-	-	
DR34	04/10/14	N 1354911, E 625909	4	98.0	15.2	SF-3	101.8	15.9	96.3	-0.7	P	
464	04/10/14	N 1354911, E 625909	4	97.4	15.3	SF-3	101.8	15.9	95.7	-0.6	P	
465	04/10/14	N 1354665, E 625820	7	99.1	14.9	SF-1	102.7	14.7	96.5	0.2	P	
466	04/10/14	N 1354638, E 625655	7	100.2	13.4	SF-1	102.7	14.7	97.6	-1.3	P	
467	04/10/14	N 1354642, E 625750	7	99.6	14.2	SF-1	102.7	14.7	97.0	-0.5	P	
468	04/10/14	N 1354723, E 625667	7	101.0	12.7	SF-8	104.1	15.6	97.0	-2.9	P	
469	04/10/14	N 1354732, E 625748	7	98.8	15.6	SF-3	101.8	15.9	97.1	-0.3	P	
470	04/10/14	N 1354509, E 625982	10	97.2	14.8	SF-3	101.8	15.9	95.5	-1.1	P	

Kevin Lesley

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04/10/14

DATE



**Brantley
Engineering, LLC**

SUMMARY OF FIELD DENSITY TESTING RESULTS

PROJECT NUMBER: 2014-101

OWNER/ENGINEER: Omni Waste of Osceola, LLC

Cell 10
Fill

PROJECT TITLE: JED Cell 10 Construction

CONTRACTOR: RCS Excavation

DATES: FROM 04/10/14 TO 04/14/14 PAGE 27

TEST NUMBER	TEST DATE	LOCATION OF SAMPLE	LIFT NO OR ELEV (ft)	IN PLACE DETERMINATION		MATCHING PROTOR			TEST RESULTS			REMARK
				DRY DENSITY (pcf)	MOISTURE CONTENT (%)	CURVE NUMBER	MAX DRY DENSITY (pcf)	OPTIMUM MOISTURE (%)	PERCENT COMP (%)	DIFFER FROM OPT MOISTURE (%)	PASS/ FAIL	
471	04/10/14	N 1354480, E 626064	10	99.1	16.3	SF-1	102.7	14.7	96.5	1.6	P	
472	04/10/14	N 1354449, E 626001	10	97.5	16.7	SF-3	101.8	15.9	95.8	0.8	P	
473	04/10/14	N 1354422, E 625924	10	96.9	14.5	SF-3	101.8	15.9	95.2	-1.4	P	
474	04/10/14	N 1354362, E 625974	10	97.3	13.2	SF-3	101.8	15.9	95.6	-2.7	P	
475	04/10/14	N 1354270, E 625933	10	97.6	16.0	SF-3	101.8	15.9	95.9	0.1	P	
476	04/10/14	N 1354322, E 625873	10	96.9	15.5	SF-3	101.8	15.9	95.2	-0.4	P	
477	04/10/14	N 1354260, E 625848	10	98.4	13.9	SF-3	101.8	15.9	96.7	-2.0	P	
478	04/10/14	N 1354309, E 625780	10	97.3	14.3	SF-3	101.8	15.9	95.6	-1.6	P	
479	04/10/14	N 1354229, E 625777	10	98.8	13.1	SF-3	101.8	15.9	97.1	-2.8	P	
480	04/10/14	N 1354236, E 625642	10	99.0	13.6	SF-1	102.7	14.7	96.4	-1.1	P	
481	04/10/14	N 1355078, E 626140	4	97.2	12.9	SF-3	101.8	15.9	95.5	-3.0	P	
482	04/10/14	N 1355010, E 626202	4	97.8	13.9	SF-3	101.8	15.9	96.1	-2.0	P	
483	04/10/14	N 1354991, E 626319	4	96.9	12.9	SF-3	101.8	15.9	95.2	-3.0	P	
484	04/10/14	N 1354950, E 626304	4	98.5	13.2	SF-3	101.8	15.9	-	-	-	
CP	04/14/14	-	-	103.0	14.6	SF-1	102.7	14.7	-	-	-	
DR35	04/14/14	N 1354890, E 626221	4	99.4	14.5	SF-1	102.7	14.7	96.8	-0.2	P	
485	04/14/14	N 1354890, E 626221	4	99.3	14.0	SF-1	102.7	14.7	96.7	-0.7	P	
486	04/14/14	N 1354891, E 626155	4	98.1	15.1	SF-1	102.7	14.7	95.5	0.4	P	
487	04/14/14	N 1354817, E 626082	5	100.1	14.4	SF-1	102.7	14.7	97.5	-0.3	P	
488	04/14/14	N 1354827, E 626120	5	101.4	13.4	SF-8	104.1	15.6	97.4	-2.2	P	
489	04/14/14	N 1354862, E 626235	5	98.9	12.7	SF-1	102.7	14.7	96.3	-2.0	P	
490	04/14/14	N 1354925, E 626166	5	99.4	14.3	SF-1	102.7	14.7	96.8	-0.4	P	

Kevin Lesley

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04/14/14

DATE



**Brantley
Engineering, LLC**

SUMMARY OF FIELD DENSITY TESTING RESULTS

PROJECT NUMBER: 2014-101

OWNER/ENGINEER: Omni Waste of Osceola, LLC

Cell 10
Fill

PROJECT TITLE: JED Cell 10 Construction

CONTRACTOR: RCS Excavation

DATES: FROM 04/14/14 TO 04/15/14 PAGE 28

TEST NUMBER	TEST DATE	LOCATION OF SAMPLE	LIFT NO OR ELEV (ft)	IN PLACE DETERMINATION		MATCHING PROTOR			TEST RESULTS			REMARK
				DRY DENSITY (pcf)	MOISTURE CONTENT (%)	CURVE NUMBER	MAX DRY DENSITY (pcf)	OPTIMUM MOISTURE (%)	PERCENT COMP (%)	DIFFER FROM OPT MOISTURE (%)	PASS/ FAIL	
491	04/14/14	N 1354965, E 626267	5	100.6	11.9	SF-1	102.7	14.7	98.0	-2.8	P	
492	04/14/14	N 1355002, E 626198	5	98.8	12.5	SF-1	102.7	14.7	96.2	-2.2	P	
493	04/14/14	N 1355088, E 626138	5	97.2	13.3	SF-3	101.8	15.9	95.5	-2.6	P	
494	04/14/14	N 1355036, E 626243	5	98.2	13.2	SF-1	102.7	14.7	95.6	-1.5	P	
495	04/14/14	N 1354974, E 626317	5	99.1	15.4	SF-1	102.7	14.7	96.5	0.7	P	
496	04/14/14	N 1354787, E 626230	5	99.6	14.5	SF-1	102.7	14.7	97.0	-0.2	P	
CP	04/15/14	-	-	102.2	14.5	SF-1	102.7	14.7	-	-	-	
DR36	04/15/14	N 1354508, E 626080	11	99.0	14.6	SF-1	102.7	14.7	96.4	-0.1	P	
497	04/15/14	N 1354508, E 626080	11	98.2	15.1	SF-1	102.7	14.7	95.6	0.4	P	
498	04/15/14	N 1354400, E 626020	11	98.0	14.0	SF-1	102.7	14.7	95.4	-0.7	P	
499	04/15/14	N 1354263, E 625955	11	97.0	14.3	SF-3	101.8	15.9	95.3	-1.6	P	
500	04/15/14	N 1354226, E 625705	11	98.2	15.2	SF-1	102.7	14.7	95.6	0.5	P	
501	04/15/14	N 1354261, E 625548	11	97.7	16.3	SF-3	101.8	15.9	96.0	0.4	P	
502	04/15/14	N 1354233, E 625442	11	99.0	13.2	SF-1	102.7	14.7	96.4	-1.5	P	
503	04/15/14	N 1354321, E 625472	11	96.8	13.5	SF-3	101.8	15.9	95.1	-2.4	P	
504	04/15/14	N 1354270, E 625649	11	97.6	14.5	SF-3	101.8	15.9	95.9	-1.4	P	
505	04/15/14	N 1354239, E 625863	11	97.8	12.9	SF-3	101.8	15.9	96.1	-3.0	P	
506	04/15/14	N 1354250, E 625430	12	96.8	13.0	SF-3	101.8	15.9	95.1	-2.9	P	
507	04/15/14	N 1354228, E 625445	12	97.1	12.9	SF-3	101.8	15.9	95.4	-3.0	P	
508	04/15/14	N 1354228, E 625523	12	98.2	14.1	SF-3	101.8	15.9	96.5	-1.8	P	
509	04/15/14	N 1354265, E 625666	12	99.3	13.8	SF-1	102.7	14.7	96.7	-0.9	P	
510	04/15/14	N 1354240, E 625743	12	101.0	14.7	SF-8	104.1	15.6	97.0	-0.9	P	

Kevin Lesley

PREPARED BY

04/15/14

DATE



**Brantley
Engineering, LLC**

SUMMARY OF FIELD DENSITY TESTING RESULTS

PROJECT NUMBER: 2014-101

OWNER/ENGINEER: Omni Waste of Osceola, LLC

Cell 10
Fill

PROJECT TITLE: JED Cell 10 Construction

CONTRACTOR: RCS Excavation

DATES: FROM 04/15/14 TO 04/16/14 PAGE 29

TEST NUMBER	TEST DATE	LOCATION OF SAMPLE	LIFT NO OR ELEV (ft)	IN PLACE DETERMINATION		MATCHING PROTOR			TEST RESULTS			REMARK
				DRY DENSITY (pcf)	MOISTURE CONTENT (%)	CURVE NUMBER	MAX DRY DENSITY (pcf)	OPTIMUM MOISTURE (%)	PERCENT COMP (%)	DIFFER FROM OPT MOISTURE (%)	PASS/ FAIL	
511	04/15/14	N 1354240, E 625876	12	98.6	14.0	SF-1	102.7	14.7	96.0	-0.7	P	
512	04/15/14	N 1354250, E 625947	12	100.4	14.4	SF-1	102.7	14.7	97.8	-0.3	P	
513	04/15/14	N 1354380, E 626009	12	99.6	14.3	SF-1	102.7	14.7	97.0	-0.4	P	
514	04/15/14	N 1354238, E 625408	13	97.8	13.8	SF-3	101.8	15.9	96.1	-2.1	P	
515	04/15/14	N 1354239, E 625560	13	98.4	12.2	SF-1	102.7	14.7	95.8	-2.5	P	
CP	04/16/14	-	-	103.2	15.0	SF-1	102.7	14.7	-	-	-	
DR37	04/16/14	N 1354239, E 625667	13	98.5	13.2	SF-1	102.7	14.7	95.9	-1.5	P	
516	04/16/14	N 1354239, E 625667	13	98.6	13.0	SF-1	102.7	14.7	96.0	-1.7	P	
517	04/16/14	N 1354235, E 625802	13	99.2	13.5	SF-1	102.7	14.7	96.6	-1.2	P	
518	04/16/14	N 1354242, E 625939	13	97.1	13.5	SF-3	101.8	15.9	95.4	-2.4	P	
519	04/16/14	N 1354238, E 625431	14	99.5	12.8	SF-1	102.7	14.7	96.9	-1.9	P	
520	04/16/14	N 1354259, E 625498	14	100.0	13.3	SF-1	102.7	14.7	97.4	-1.4	P	
521	04/16/14	N 1354237, E 625555	14	97.6	14.4	SF-3	101.8	15.9	95.9	-1.5	P	
522	04/16/14	N 1354237, E 625671	14	98.9	13.0	SF-1	102.7	14.7	96.3	-1.7	P	
523	04/16/14	N 1354240, E 625781	14	97.7	13.7	SF-3	101.8	15.9	96.0	-2.2	P	
524	04/16/14	N 1354241, E 625872	14	97.3	12.9	SF-3	101.8	15.9	95.6	-3.0	P	
525	04/16/14	N 1354261, E 625919	14	97.1	12.9	SF-3	101.8	15.9	95.4	-3.0	P	
526	04/16/14	N 1354307, E 625989	14	98.0	13.4	SF-3	101.8	15.9	96.3	-2.5	P	
527	04/16/14	N 1354999, E 626398	5	99.4	16.1	SF-1	102.7	14.7	96.8	1.4	P	
528	04/16/14	N 1354950, E 626501	5	102.2	13.2	SF-8	104.1	15.6	98.2	-2.4	P	
529	04/16/14	N 1354918, E 626444	5	95.7	15.0	SF-3	101.8	15.9	94.0	-0.9	F	Density
530	04/16/14	N 1355032, E 626311	5	98.3	12.9	SF-3	101.8	15.9	96.6	-3.0	P	

Kevin Lesley

PREPARED BY

04/16/14

DATE



**Brantley
Engineering, LLC**

SUMMARY OF FIELD DENSITY TESTING RESULTS

PROJECT NUMBER: 2014-101

OWNER/ENGINEER: Omni Waste of Osceola, LLC

Cell 10
Fill

PROJECT TITLE: JED Cell 10 Construction

CONTRACTOR: RCS Excavation

DATES: FROM 04/16/14 TO 04/21/14 PAGE 30

TEST NUMBER	TEST DATE	LOCATION OF SAMPLE	LIFT NO OR ELEV (ft)	IN PLACE DETERMINATION		MATCHING PROTOR			TEST RESULTS			REMARK
				DRY DENSITY (pcf)	MOISTURE CONTENT (%)	CURVE NUMBER	MAX DRY DENSITY (pcf)	OPTIMUM MOISTURE (%)	PERCENT COMP (%)	DIFFER FROM OPT MOISTURE (%)	PASS/ FAIL	
529R	04/16/14	N 1354918, E 626444	5	97.3	14.2	SF-3	101.8	15.9	95.6	-1.7	P	Retest
531	04/16/14	N 1354742, E 626195	6	98.2	12.9	SF-3	101.8	15.9	96.5	-3.0	P	
CP	04/18/14	-	-	103.2	15.0	SF-3	101.8	15.9	-	-	-	
DR38	04/18/14	N 1354872, E 626276	6	98.5	13.2	SF-3	101.8	15.9	96.8	-2.7	P	
532	04/18/14	N 1354872, E 626276	6	97.4	13.4	SF-3	101.8	15.9	95.7	-2.5	P	
533	04/18/14	N 1354999, E 626300	6	99.8	12.2	SF-1	102.7	14.7	97.2	-2.5	P	
534	04/18/14	N 1355043, E 626207	6	98.1	13.6	SF-3	101.8	15.9	96.4	-2.3	P	
535	04/18/14	N 1355098, E 626148	6	100.9	13.1	SF-1	102.7	14.7	98.2	-1.6	P	
536	04/18/14	N 1355099, E 626120	7	101.7	13.0	SF-8	104.1	15.6	97.7	-2.6	P	
537	04/18/14	N 1355051, E 626190	7	99.9	13.3	SF-1	102.7	14.7	97.3	-1.4	P	
538	04/18/14	N 1355007, E 626276	7	101.4	13.2	SF-8	104.1	15.6	97.4	-2.4	P	
539	04/18/14	N 1354980, E 626395	6	100.7	12.9	SF-1	102.7	14.7	98.1	-1.8	P	
540	04/18/14	N 1354950, E 626437	6	100.2	16.1	SF-1	102.7	14.7	97.6	1.4	P	
541	04/18/14	N 1354980, E 626380	7	99.1	14.5	SF-1	102.7	14.7	96.5	-0.2	P	
542	04/18/14	N 1354946, E 626431	7	100.9	13.6	SF-1	102.7	14.7	98.2	-1.1	P	
543	04/18/14	N 1354902, E 626479	7	100.6	15.2	SF-1	102.7	14.7	98.0	0.5	P	
CP	04/21/14	-	-	103.2	15.0	SF-1	102.7	14.7	-	-	-	
DR39	04/21/14	N 1354670, E 626166	7	98.5	13.2	SF-1	102.7	14.7	95.9	-1.5	P	
544	04/21/14	N 1354670, E 626166	7	100.2	13.3	SF-1	102.7	14.7	97.6	-1.4	P	
545	04/21/14	N 1354768, E 626205	7	101.3	14.5	SF-8	104.1	15.6	97.3	-1.1	P	
546	04/21/14	N 1354872, E 626271	7	99.7	14.6	SF-1	102.7	14.7	97.1	-0.1	P	

Kevin Lesley

PREPARED BY

04/21/14

DATE



**Brantley
Engineering, LLC**

SUMMARY OF FIELD DENSITY TESTING RESULTS

PROJECT NUMBER: 2014-101

OWNER/ENGINEER: Omni Waste of Osceola, LLC

Cell 10
Fill

PROJECT TITLE: JED Cell 10 Construction

CONTRACTOR: RCS Excavation

DATES: FROM 04/21/14 TO 04/22/14 PAGE 31

TEST NUMBER	TEST DATE	LOCATION OF SAMPLE	LIFT NO OR ELEV (ft)	IN PLACE DETERMINATION		MATCHING PROTOR			TEST RESULTS			REMARK
				DRY DENSITY (pcf)	MOISTURE CONTENT (%)	CURVE NUMBER	MAX DRY DENSITY (pcf)	OPTIMUM MOISTURE (%)	PERCENT COMP (%)	DIFFER FROM OPT MOISTURE (%)	PASS/ FAIL	
547	04/21/14	N 1354850, E 626261	8	99.6	13.7	SF-1	102.7	14.7	97.0	-1.0	P	
548	04/21/14	N 1354981, E 626319	8	100.7	15.8	SF-1	102.7	14.7	98.1	1.1	P	
549	04/21/14	N 1355031, E 626251	8	100.2	16.1	SF-1	102.7	14.7	97.6	1.4	P	
550	04/21/14	N 1355090, E 626147	8	100.9	14.3	SF-1	102.7	14.7	-	-	-	
551	04/21/14	N 1355082, E 626160	9	100.0	12.9	SF-1	102.7	14.7	97.4	-1.8	P	
552	04/21/14	N 1355064, E 626211	9	99.1	14.8	SF-1	102.7	14.7	96.5	0.1	P	
553	04/21/14	N 1355001, E 626309	9	97.4	15.6	SF-3	101.8	15.9	95.7	-0.3	P	
554	04/21/14	N 1354904, E 626291	9	97.6	13.4	SF-3	101.8	15.9	95.9	-2.5	P	
555	04/21/14	N 1355105, E 626098	10	98.2	12.9	SF-3	101.8	15.9	96.5	-3.0	P	
556	04/21/14	N 1355073, E 626177	10	99.9	14.3	SF-1	102.7	14.7	97.3	-0.4	P	
557	04/21/14	N 1355015, E 626290	10	98.0	15.8	SF-3	101.8	15.9	96.3	-0.1	P	
CP	04/22/14	-	-	102.0	16.0	SF-3	101.8	15.9	-	-	-	
DR40	04/22/14	N 1354990, E 626328	10	98.5	15.5	SF-3	101.8	15.9	96.8	-0.4	P	
558	04/22/14	N 1354990, E 626328	10	97.9	16.2	SF-3	101.8	15.9	96.2	0.3	P	
559	04/22/14	N 1355080, E 626170	11	99.7	14.1	SF-1	102.7	14.7	97.1	-0.6	P	
560	04/22/14	N 1355038, E 626230	11	97.6	14.7	SF-3	101.8	15.9	95.9	-1.2	P	
561	04/22/14	N 1354998, E 626320	11	98.3	14.7	SF-3	101.8	15.9	96.6	-1.2	P	
562	04/22/14	N 1355090, E 626138	12	99.5	13.2	SF-1	102.7	14.7	96.9	-1.5	P	
563	04/22/14	N 1355046, E 626228	12	98.8	12.5	SF-1	102.7	14.7	96.2	-2.2	P	

Kevin Lesley

PREPARED BY

04/22/14

DATE