



Olathe
1700 East 123rd Street
Olathe,
Phone: 913-829-0078 | Fax: 913-829-0258

Compaction Test Report

Report #: SNG-000006
Test Method: D6938 / T310

Client:

Hunt Midwest
8300 NE Underground Dr STE 100
Kansas City, MO 64161-9736

Project:

020-3102
Hunt Midwest Hook Farms First Plat
Lee's Summit, MO

Test Results

Test #	Retest Of	Test Date	Proctor ID	Method	Soil Classification	Optimum Moisture (%)	Maximum Dry Density (pcf)	In Place Moisture (%)	In Place Dry Density (pcf)	In Place Wet Density (pcf)	Probe Depth (in)	Percent Compaction	Min/Max Comp. (%)	Optimum Moisture Tolerance (%)	Remark
338		1/12/21	81841	B	CH	23.3	93.2	24.8	95.1	118.7	8	102	95 / 103	-2 / 2	A
339		1/12/21	81841	B	CH	23.3	93.2	25.2	93.7	117.3	8	101	95 / 103	-2 / 2	A
345		1/12/21	81841	B	CH	23.3	93.2	24.3	95.7	119.0	8	103	95 / 103	-2 / 2	A
346		1/12/21	81841	B	CH	23.3	93.2	23.8	94.7	117.2	8	102	95 / 103	-2 / 2	A
347		1/12/21	81841	B	CH	23.3	93.2	23.3	95.7	118.0	8	103	95 / 103	-2 / 2	A
356		1/13/21	81840	B	CL-CH	20.8	99.9	21.1	101.4	122.8	8	102	95 / 103	-2 / 2	A
357		1/13/21	81840	B	CL-CH	20.8	99.9	18.9	100.0	118.9	8	100	95 / 103	-2 / 2	A
358		1/13/21	81840	B	CL-CH	20.8	99.9	21.2	102.4	124.1	8	103	95 / 103	-2 / 2	A

Test Information

Test #	Test Location	Elevation	Reference	Gauge Make / Model / SN / Calibrated	Field Technician
338	Mass Grading: SW Farm Field Rd STA 11+00	-3.0	Grade	InstroTek, Inc. / 3500 / 3008 / 9/9/2016	Armstrong, Caleb
339	Mass Grading: SW Farm Field Rd STA 10+00	-2.0	Grade	InstroTek, Inc. / 3500 / 3008 / 9/9/2016	Armstrong, Caleb
345	Mass Grading: SW Farm Field Rd STA 10+00	-1.0	Grade	InstroTek, Inc. / 3500 / 3008 / 9/9/2016	Armstrong, Caleb
346	Mass Grading: SW Farm Field Rd STA 11+00	-2.0	Grade	InstroTek, Inc. / 3500 / 3008 / 9/9/2016	Armstrong, Caleb
347	Mass Grading: SW Farm Field Rd STA 12+00	-2.0	Grade	InstroTek, Inc. / 3500 / 3008 / 9/9/2016	Armstrong, Caleb
356	Mass Grading: SW Farm Field Rd STA 12+00	-1.0	Grade	InstroTek, Inc. / 3500 / 3008 / 9/9/2016	Armstrong, Caleb
357	Mass Grading: SW Farm Field Rd STA 11+00	-1.0	Grade	InstroTek, Inc. / 3500 / 3008 / 9/9/2016	Armstrong, Caleb
358	Mass Grading: SW Farm Field Rd STA 10+00	0.0	Grade	InstroTek, Inc. / 3500 / 3008 / 9/9/2016	Armstrong, Caleb

Remarks	Comments
A: Tests results comply with specifications	Tests are "Direct Transmission" (Method A) unless probe depth is noted as "Backscatter". Gauge calibration data on file with the testing agency.



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359		1/13/21	81840	B	CL-CH	20.8	99.9	19.7	100.3	120.1	8	100	95 / 103	-2 / 2	A
360		1/13/21	81840	B	CL-CH	20.8	99.9	20.1	97.2	116.7	8	97	95 / 103	-2 / 2	A
394		1/18/21	80181	B	CL	16.1	105.4	16.8	100.9	117.9	8	96	95 / 103	-2 / 2	A
395		1/18/21	80181	B	CL	16.1	105.4	16.1	101.9	118.3	8	97	95 / 103	-2 / 2	A
396		1/18/21	80181	B	CL	16.1	105.4	17.3	105.4	123.6	8	100	95 / 103	-2 / 2	A
397		1/18/21	80181	B	CL	16.1	105.4	17.9	102.6	121.0	8	97	95 / 103	-2 / 2	A
398		1/18/21	80181	B	CL	16.1	105.4	17.1	102.9	120.5	8	98	95 / 103	-2 / 2	A

Test Information

Test #	Test Location	Elevation	Reference	Gauge Make / Model / SN / Calibrated	Field Technician
359	Mass Grading: SW Farm Field Rd STA 11+00	0.0	Grade	InstroTek, Inc. / 3500 / 3008 / 9/9/2016	Armstrong, Caleb
360	Mass Grading: SW Farm Field Rd STA 12+00	0.0	Grade	InstroTek, Inc. / 3500 / 3008 / 9/9/2016	Armstrong, Caleb
394	Mass Grading: SW Farm Field Rd STA 14+00	-1.0	Grade	InstroTek, Inc. / 3500 / 3008 / 9/9/2016	Armstrong, Caleb
395	Mass Grading: SW Farm Field Rd STA 13+00	-2.0	Grade	InstroTek, Inc. / 3500 / 3008 / 9/9/2016	Armstrong, Caleb
396	Mass Grading: SW Farm Field Rd STA 13+00	-1.0	Grade	InstroTek, Inc. / 3500 / 3008 / 9/9/2016	Armstrong, Caleb
397	Mass Grading: SW Farm Field Rd STA 13+00	0.0	Grade	InstroTek, Inc. / 3500 / 3008 / 9/9/2016	Armstrong, Caleb
398	Mass Grading: SW Farm Field Rd STA 14+00	0.0	Grade	InstroTek, Inc. / 3500 / 3008 / 9/9/2016	Armstrong, Caleb

Remarks

Comments

A: Tests results comply with specifications

Tests are "Direct Transmission" (Method A) unless probe depth is noted as "Backscatter". Gauge calibration data on file with the testing agency.

Stewart Legg
Project Manager