

Density Test Report

Date : 06/07/2025
 Project No : 2025C149
 Client Company : Davidson Homes
 Arrival Time : 06/07/2025 09:00
 Onsite Hours : 08:30

ASEC Report ID : 82223
 Name of the Project : Grove at E. Thompson Mill Rd
 Project Location : Buford
 Weather : Sunny
 Departure Time : 06/07/2025 17:30
 ASEC Technician Name : Sean Willett

Test Date	Test Number	Moisture Content (%)	Dry Density (pcf)	Proctor Number	Max. Dry Density (pcf)	Optimum Moisture (%)	Compaction (%)	Specified Compaction (%)	ASTM Test Method	Pass/Fail
06/07/2025	1	18.3	95.5	2025-023 SP	103.5	18.9	92.3	95	D2937	Fail
Location : SE pond #1 OCS, Elv/Depth :4 feet over OCS Comment : contractor continued compaction following density testing Tested By : Sean Willett										
06/07/2025	2	18.6	96.0	2025-023 SP	103.5	18.9	92.8	95	D2937	Fail
Location : SE pond #1 OCS, Elv/Depth :4 feet over OCS Comment : contractor continued compaction after density testing Tested By : Sean Willett										
06/07/2025	3	16.4	93.3	2025-023 SP	103.5	18.9	90.1	95	D2937	Fail
Location : NW pond #2 OCS, Elv/Depth :4 feet over OCS Comment : contractor continued compaction following density testing Tested By : Sean Willett										
06/07/2025	4	15.9	97.4	2025-023 SP	103.5	18.9	94.1	95	D2937	Fail
Location : NW pond #2 OCS, Elv/Depth :4 feet over OCS Comment : contractor continued compaction following density testing Tested By : Sean Willett										
06/07/2025	5	22.7	91.3	2025-023 SP	103.5	18.9	88.2	95	D2937	Fail
Location : SE pond #2 OCS, Elv/Depth :5 feet over OCS Comment : Recommended scarification and aeration before recompacting Tested By : Sean Willett										
06/07/2025	6	20.5	91.6	2025-023 SP	103.5	18.9	88.5	95	D2937	Fail
Location : SE pond #1 OCS, Elv/Depth :5 feet over OCS Comment : contractor continued compaction following density testing Tested By : Sean Willett										
06/07/2025	7	23.1	93.6	2025-023 SP	103.5	18.9	90.4	95	D2937	Fail
Location : SE pond #1 OCS, Elv/Depth :6 feet over OCS Comment : contractor continued compaction following density testing. Recommended aeration to lower moisture contents Tested By : Sean Willett										
06/07/2025	8	22.3	92.2	2025-023 SP	103.5	18.9	89.1	95	D2937	Fail
Location : SE pond #1 OCS, Elv/Depth :6 fet over OCS Comment : contractor continued compaction following density testing. Recommended aeration to lower moisture contents Tested By : Sean Willett										
06/07/2025	9	18.4	94.5	2025-023 SP	103.5	18.9	91.3	95	D2937	Fail
Location : NW pond #1 OCS, Elv/Depth :5 feet over OCS										

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Comment : contractor continued compaction following density testing Tested By : Sean Willett										
06/07/2025	10	15.6	93.7	2025-023 SP	103.5	18.9	90.5	95	D2937	Fail
Location : NW pond #2 OCS, Elv/Depth :5 feet over OCS Comment : contractor continued compaction following density testing Tested By : Sean Willett										
06/07/2025	11	23.4	91.2	2025-023 SP	103.5	18.9	88.1	95	D2937	Fail
Location : SE pond #1 OCS, Elv/Depth :7 feet over OCS Comment : contractor continued compaction following density testing. Recommended aeration to lower moisture contents Tested By : Sean Willett										
06/07/2025	12	22.5	91.6	2025-023 SP	103.5	18.9	88.5	95	D2937	Fail
Location : SE pond #1 OCS, Elv/Depth :7 feet over OCS Comment : contractor continued compaction following density testing. Recommended aeration to lower moisture contents Tested By : Sean Willett										
06/07/2025	13	15.1	97.2	2025-023 SP	103.5	18.9	93.9	95	D2937	Fail
Location : NW pond #2 OCS, Elv/Depth :6 feet over OCS Comment : contractor continued compaction following density testing Tested By : Sean Willett										
06/07/2025	14	14.7	96.3	2025-023 SP	103.5	18.9	93.0	95	D2937	Fail
Location : NW pond #2 OCS, Elv/Depth :6 feet over OCS Comment : contractor continued compaction following density testing Tested By : Sean Willett										
06/07/2025	15	22.4	90.4	2025-023 SP	103.5	18.9	87.3	95	D2937	Fail
Location : NW pond #2 OCS, Elv/Depth :6 feet over OCS Comment : Disregarded test Tested By : Sean Willett										
06/07/2025	16	15.4	98.9	2025-023 SP	103.5	18.9	95.6	95	D2937	Pass
Location : NW pond #2 OCS, Elv/Depth :7 feet over OCS Comment : Tested By : Sean Willett										
06/07/2025	17	13.4	100.1	2025-023 SP	103.5	18.9	96.7	95	D2937	Pass
Location : NW pond #2 OCS, Elv/Depth :7 feet over OCS Comment : Tested By : Sean Willett										

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06/07/2025	18	17.4	94.9	2025-023 SP	103.5	18.9	91.7	95	D2937	Fail
Location : NW pond #2 OCS, Elv/Depth :8 feet over OCS Comment : contractor continued compaction following density testing Tested By : Sean Willett										
06/07/2025	19	18.7	94.3	2025-023 SP	103.5	18.9	91.1	95	D2937	Fail
Location : NW pond #2 OCS, Elv/Depth :8 feet over OCS Comment : contractor continued compaction following density testing. sealed off site due to rain coming in. Tested By : Sean Willett										

Remark: Test performed in general accordance with signed referenced ASTM Method.



Kenneth Mosman

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PROCTOR DATA SUMMARY

TEST DATE	PROCTOR ID	MAX DRY DENSITY (pcf)	OPTIMUM MOISTURE (%)	PROCTOR TYPE	SOIL DESCRIPTION
04/22/2025	2025-022 SP	103.7	16.1	Standard	Brown Sandy SILT
04/22/2025	2025-023 SP	103.5	18.9	Standard	Red Sandy CLAY