

Density Test Report

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

ASEC Report ID : 82221
 Name of the Project : Grove at E. Thompson Mill Rd
 Project Location : Buford
 Weather : sunny
 Departure Time : 06/06/2025 17:00
 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
06/06/2025	1	18.8	0.0				NaN		D2937	Pass
Location : NW pond #2 fill over OCS, Elv/Depth :1 foot over OCS Comment : moisture content check Tested By : Sean Willett										
06/06/2025	2	28.5	0.0				NaN		D2937	Pass
Location : SE pond #1, Elv/Depth :1 foot over OCS Comment : moisture content check Tested By : Sean Willett										
06/06/2025	3	19.5	95.3	2025-023 SP	103.5	18.9	92.1	95	D2937	Fail
Location : NW pond #2 over OCS, Elv/Depth :1 foot over OCS Comment : moisture content check Tested By : Sean Willett										
06/06/2025	4	18.1	97.2	2025-023 SP	103.5	18.9	93.9	95	D2937	Fail
Location : NW pond #2 over OCS, Elv/Depth :1 foot over OCS Comment : Contractor re-compacted again after provided test results. Tested By : Sean Willett										
06/05/2025	5	17.0	0.0				NaN		D2937	Pass
Location : SE pond #1 OCS fill pile, Elv/Depth :1 foot over OCS Comment : moisture content check on fill being used Tested By : Sean Willett										
06/06/2025	6	18.9	96.8	2025-023 SP	103.5	18.9	93.5	95	D2937	Fail
Location : NW pond #2 OCS, Elv/Depth :2 feet over OCS Comment : contractor continued compaction after density testing Tested By : Sean Willett										
06/06/2025	7	19.6	95.6	2025-023 SP	103.5	18.9	92.4	95	D2937	Fail
Location : NW pond #2 OCS, Elv/Depth :2 foot over OCS Comment : contractor continued compaction after density testing Tested By : Sean Willett										
06/06/2025	8	21.2	91.4	2025-023 SP	103.5	18.9	88.3	95	D2937	Fail
Location : SE pond #1 OCS, Elv/Depth :2 foot over OCS Comment : contractor continued compaction after density testing Tested By : Sean Willett										
06/06/2025	9	24.2	90.3	2025-023 SP	103.5	18.9	87.2	95	D2937	Fail
Location : SE pond #1 OCS, Elv/Depth :2 foot over OCS Comment : Moisture content too high, recommended to allow time to aerate before re-compaction Tested By : Sean Willett										

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06/06/2025	10	19.1	94.1	2025-023 SP	103.5	18.9	90.9	95	D2937	Fail
Location : SE Pond #1 (Lot directly north of OCS , Elv/Depth :2 foot over OCS Comment : contractor continued compaction after density testing Tested By : Sean Willett										
06/06/2025	11	19.9	93.2	2025-023 SP	103.5	18.9	90.0	95	D2937	Fail
Location : NW pond #2 OCS, Elv/Depth :3 foot over OCS Comment : contractor continued compaction after density testing Tested By : Sean Willett										
06/06/2025	12	15.8	92.7	2025-023 SP	103.5	18.9	89.6	95	D2937	Fail
Location : NW pond #2 OCS, Elv/Depth :3 feet over OCS Comment : contractor continued compaction after density testing Tested By : Sean Willett										
06/06/2025	13	18.8	95.5	2025-023 SP	103.5	18.9	92.3	95	D2937	Fail
Location : SE pond #1 OCS, Elv/Depth :3 feet over OCS Comment : contractor continued compaction after density testing 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