



Construction Materials Testing
Sewerline Installation—Backfill Compaction
Cordova Trails Unit 1
Seguin, Texas

InTEC Project No. S212171-1
October 25, 2023

Ashton Woods
17319 San Pedro Avenue, Suite 140
San Antonio, Texas 78232



Integrated Testing and Engineering Company of San Antonio, L.P.

Geotechnical & Environmental Engineering • Construction Services • Geologic Assessment

E.A. Palaniappan, Ph.D., P.E.
Murali Subramaniam, Ph.D., P.E.
Kausi Subramaniam, B.S.

October 25, 2023

Ashton Woods
17319 San Pedro Avenue, Suite 140
San Antonio, Texas 78232

Attention: Mr. Kyle Lents

Re: Construction Materials Testing
Sewerline Installation – Backfill Compaction
Cordova Trails Unit 1
Seguin, Texas

InTEC Project #: S212171-1

Gentlemen:

Integrated Testing and Engineering Company of San Antonio, L.P. (InTEC) performed compaction evaluation at the above referenced project site between March 1, 2021 and May 24, 2022.

Field density tests were performed on an “on call” basis by the contractor. Full time observation of fill placement was not performed. The Laboratory Compaction and Field Density Tests results at the above referenced project site are presented for your review.

We appreciate and wish to thank you for the opportunity to be of service to you on this project. If we can be of additional assistance, or if you have any questions, please call us.

Respectfully Submitted,
InTEC of San Antonio, L.P.

Murali Subramaniam, Ph.D., P.E.

Copies Submitted: Above (1)



[Signature]
10/30/2023

LABORATORY COMPACTION TEST RESULTS



TESTED FOR:

Ashton Woods
17319 San Pedro Avenue, Suite 140
San Antonio, Texas 78232

PROJECT:

Compaction Evaluation
Cordova Trails Unit 1
Seguin, Texas

PROJECT NO: S212171

SOIL ID	16023		
SOIL TYPE	Tan and dark brown clay with gravel		
TEST METHOD	Tex 114E		
SAMPLE DATE	6/21/2021		
MAXIMUM DRY DENSITY	102.2 PCF		
OPTIMUM WATER CONTENT	20.4 %		

DISTRIBUTION:	Above (1)		
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Respectfully submitted

murali

Murali Subramaniam, Ph.D., P.E.

Integrated Engineering and Testing Company of San Antonio, L.P.

12028 Radium, San Antonio, Texas 78216

Phone: (210) 525-9033

Fax: (210) 525-9032

LABORATORY COMPACTION TEST RESULTS



TESTED FOR:

Ashton Woods
17319 San Pedro Avenue, Suite 140
San Antonio, Texas 78232

PROJECT:

Compaction Evaluation
Cordova Trails Unit 1
Seguin, Texas

PROJECT NO: S212171

SOIL ID	18050		
SOIL TYPE	Tan gravelly clay		
TEST METHOD	Tex 114E		
SAMPLE DATE	2/08/2022		
MAXIMUM DRY DENSITY	126.9 PCF		
OPTIMUM WATER CONTENT	9.3 %		

DISTRIBUTION:	Above (1)		
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Respectfully submitted

murali

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InTEC of San Antonio
12028 Radium
San Antonio, TX 78216
Phone: 210-525-9033

Compaction Evaluation

Report Date: 10/30/2023
Test Method: ASTM D6938, Tex 115E

Client:

Ashton Woods
17319 San Pedro, Ste. 140
San Antonio, TX 78232

Project:

S212171
Cordova Trails Unit 1
29.628389, -97.985009
Seguin, TX

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 Comp. (%)	Optimum Moisture Tolerance (%)	Remark
1144		03/01/22	U16023		CH	20.4	102.2	18.5	100.7	119.3	6	98.5	95	-2 / 2	C
1145		03/01/22	U16023		CH	20.4	102.2	19.2	99.2	118.2	6	97.1	95	-2 / 2	C
1146		03/01/22	U16023		CH	20.4	102.2	19.6	98.2	117.5	6	96.1	95	-2 / 2	C
1147		03/01/22	U16023		CH	20.4	102.2	18.5	101.9	120.7	6	99.7	95	-2 / 2	C
1148		03/01/22	U16023		CH	20.4	102.2	19.3	99.3	118.5	6	97.2	95	-2 / 2	C
1149		03/01/22	U16023		CH	20.4	102.2	19.0	98.4	117.1	6	96.3	95	-2 / 2	C
1150		03/03/22	U16023		CH	20.4	102.2	18.5	101.4	120.2	6	99.2	95	-2 / 2	C
1151		03/03/22	U16023		CH	20.4	102.2	20.1	98.8	118.6	6	96.7	95	-2 / 2	C
Test Information															
Test #	Test Location							Elevation	Reference		Gauge Make / Model / SN / Calibrated			Field Technician	
1144	Sewer Main: Line A STA 10+50								1st Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher	
1145	Sewer Main: Line A STA 12+50								1st Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher	
1146	Sewer Main: Line A STA 8+25								1st Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher	
1147	Sewer Main: Line A STA 9+00								2nd Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher	
1148	Sewer Main: Line A STA 10+50								2nd Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher	
1149	Sewer Main: Line A STA 12+50								2nd Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher	
1150	Sewer Main: Line A STA 14+00								1st Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher	
1151	Sewer Main: Line A STA 16+00								1st Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher	
Remarks					Comments										
C: Compliant					Tests are "Direct Transmission" (Method A) unless probe depth is noted as "Backscatter". Gauge calibration data on file with the testing agency.										

Testing performed when called in.
InTEC did not observe the installation of the material.
Testing directed by the City Inspector when present.
Test results apply only to the specific locations and materials noted and may not represent any other locations or elevations.



InTEC of San Antonio
12028 Radium
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1152		03/03/22	U16023		CH	20.4	102.2	18.9	98.9	117.6	6	96.8	95	-2 / 2	C
1153		03/03/22	U16023		CH	20.4	102.2	20.7	97.9	118.2	6	95.8	95	-2 / 2	C
1154		03/04/22	U16023		CH	20.4	102.2	20.7	102.8	124.1	6	100.6	95	-2 / 2	C
1155		03/04/22	U16023		CH	20.4	102.2	21.4	102.5	124.4	6	100.3	95	-2 / 2	C
1156		03/04/22	U16023		CH	20.4	102.2	20.3	99.4	119.6	6	97.3	95	-2 / 2	C
1157		03/04/22	U16023		CH	20.4	102.2	19.9	100.8	120.8	6	98.6	95	-2 / 2	C
1158		03/04/22	U16023		CH	20.4	102.2	20.4	103.2	124.3	6	101.0	95	-2 / 2	C
1159		03/04/22	U16023		CH	20.4	102.2	20.8	101.3	122.4	6	99.1	95	-2 / 2	C
Test Information															
Test #	Test Location						Elevation	Reference		Gauge Make / Model / SN / Calibrated			Field Technician		
1152	Sewer Main: Line A STA 16+25							2nd Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher		
1153	Sewer Main: Line A STA 17+00							2nd Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher		
1154	Sewer Main: Line A STA 11+50							3rd Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher		
1155	Sewer Main: Line A STA 11+50							4th Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher		
1156	Sewer Main: Line A STA 14+50							2nd Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher		
1157	Sewer Main: Line A STA 16+50							3rd Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher		
1158	Sewer Main: Line B STA 2+00							1st Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher		
1159	Sewer Main: Line B STA 3+00							1st Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher		
Remarks					Comments										
C: Compliant					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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1160		03/14/22	U16023		CH	20.4	102.2	19.2	100.8	120.1	6	98.6	95	-2 / 2	C
1161		03/14/22	U16023		CH	20.4	102.2	19.9	98.6	118.2	6	96.5	95	-2 / 2	C
1162		03/14/22	U16023		CH	20.4	102.2	19.9	100.2	120.1	6	98.0	95	-2 / 2	C
1163		03/14/22	U16023		CH	20.4	102.2	19.9	98.5	118.1	6	96.4	95	-2 / 2	C
1164		03/14/22	U16023		CH	20.4	102.2	19.2	99.2	118.3	6	97.1	95	-2 / 2	C
1165		03/14/22	U16023		CH	20.4	102.2	20.1	99.8	119.8	6	97.7	95	-2 / 2	C
1166		03/15/22	U18050		GC	9.3	126.9	10.2	125.8	138.6	6	99.1	95	-2 / 2	C
1167		03/15/22	U18050		GC	9.3	126.9	9.4	121.0	132.4	6	95.4	95	-2 / 2	C
Test Information															
Test #	Test Location							Elevation	Reference		Gauge Make / Model / SN / Calibrated			Field Technician	
1160	Sewer Main: Line B STA 3+00								2nd Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher	
1161	Sewer Main: Line B STA 6+00								1st Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher	
1162	Sewer Main: Line C STA 5+50								2nd Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher	
1163	Sewer Main: Line C STA 6+50								2nd Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher	
1164	Sewer Main: Line C STA 5+50								2nd Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher	
1165	Sewer Main: Line C STA 6+50								2nd Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher	
1166	Sewer Main: Line B STA 2+50								3rd Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher	
1167	Sewer Main: Line C STA 5+50								3rd Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher	
Remarks					Comments										
C: Compliant					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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1168		03/15/22	U16023		CH	20.4	102.2	18.9	101.1	120.2	6	98.9	95	-2 / 2	C
1169		03/15/22	U16023		CH	20.4	102.2	19.8	102.4	122.7	6	100.2	95	-2 / 2	C
1170		03/15/22	U16023		CH	20.4	102.2	18.6	101.3	120.1	6	99.1	95	-2 / 2	C
1178		03/15/22	U18050		GC	9.3	126.9	9.1	124.9	136.3	6	98.4	95	-2 / 2	C
1182		03/16/22	U18050		GC	9.3	126.9	11.0	121.8	135.2	6	96.0	95	-2 / 2	C
1183		03/16/22	U18050		GC	9.3	126.9	10.5	120.5	133.2	6	95.0	95	-2 / 2	C
1184		03/16/22	U16023		CH	20.4	102.2	18.9	101.6	120.8	6	99.4	95	-2 / 2	C
1185		03/16/22	U16023		CH	20.4	102.2	19.5	102.6	122.6	6	100.4	95	-2 / 2	C
Test Information															
Test #	Test Location							Elevation	Reference		Gauge Make / Model / SN / Calibrated			Field Technician	
1168	Sewer Main: Line C STA 2+50								1st Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher	
1169	Sewer Main: Line B STA 5+50								2nd Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher	
1170	Sewer Main: Line B STA 6+00								3rd Lift		Troxler / 3430 / 24204 / 06/04/2021			Vidal, Efrain	
1178	Sewer Main: Line C STA 2+50								2nd Lift		Troxler / 3430 / 24204 / 06/04/2021			Vidal, Efrain	
1182	Sewer Main: Line E STA 10+30								1st Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher	
1183	Sewer Main: Line E STA 10+80								1st Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher	
1184	Sewer Main: Line G STA 2+50								1st Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher	
1185	Sewer Main: Line G STA 5+80								1st Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher	
Remarks					Comments										
C: Compliant					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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1186		03/16/22	U18050		GC	9.3	126.9	10.6	122.2	135.2	6	96.3	95	-2 / 2	C
1187		03/16/22	U18050		GC	9.3	126.9	8.9	122.7	133.6	6	96.7	95	-2 / 2	C
1188		03/17/22	U18050		GC	9.3	126.9	10.2	122.1	134.6	6	96.2	95	-2 / 2	C
1189		03/17/22	U18050		GC	9.3	126.9	11.0	121.1	134.4	6	95.4	95	-2 / 2	C
1190		03/17/22	U16023		CH	20.4	102.2	18.9	102.9	122.3	6	100.7	95	-2 / 2	C
1191		03/17/22	U16023		CH	20.4	102.2	20.4	99.8	120.1	6	97.7	95	-2 / 2	C
1192		03/17/22	U16023		CH	20.4	102.2	22.3	99.6	121.8	6	97.5	95	-2 / 2	C
1193		03/17/22	U16023		CH	20.4	102.2	21.8	99.2	120.8	6	97.1	95	-2 / 2	C
Test Information															
Test #	Test Location							Elevation	Reference		Gauge Make / Model / SN / Calibrated			Field Technician	
1186	Sewer Main: Line G STA 2+80								2nd Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher	
1187	Sewer Main: Line E STA 10+50								2nd Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher	
1188	Sewer Main: Line E STA 10+80								3rd Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher	
1189	Sewer Main: Line G STA 2+80								3rd Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher	
1190	Sewer Main: Line E STA 9+00								1st Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher	
1191	Sewer Main: Line E STA 8+00								1st Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher	
1192	Sewer Main: Line E STA 9+00								2nd Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher	
1193	Sewer Main: Line E STA 8+00								2nd Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher	
Remarks					Comments										
C: Compliant					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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1194		03/18/22	U16023		CH	20.4	102.2	19.6	100.6	120.3	6	98.4	95	-2 / 2	C
1195		03/18/22	U16023		CH	20.4	102.2	20.7	100.7	121.5	6	98.5	95	-2 / 2	C
1196		03/18/22	U18050		GC	9.3	126.9	9.2	126.9	138.6	6	100.0	95	-2 / 2	C
1197		03/18/22	U18050		GC	9.3	126.9	11.0	125.1	138.9	6	98.6	95	-2 / 2	C
1198		03/18/22	U18050		GC	9.3	126.9	11.1	125.4	139.3	6	98.8	95	-2 / 2	C
1199		03/18/22	U18050		GC	9.3	126.9	10.5	126.9	140.2	6	100.0	95	-2 / 2	C
1200		03/18/22	U18050		GC	9.3	126.9	10.2	124.9	137.6	6	98.4	95	-2 / 2	C
1201		03/18/22	U18050		GC	9.3	126.9	9.6	127.9	140.2	6	100.8	95	-2 / 2	C
Test Information															
Test #	Test Location							Elevation	Reference		Gauge Make / Model / SN / Calibrated			Field Technician	
1194	Sewer Main: Line E STA 8+00								3rd Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher	
1195	Sewer Main: Line E STA 9+00								3rd Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher	
1196	Sewer Main: Line E STA 10+30								4th Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher	
1197	Sewer Main: Line E STA 10+80								4th Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher	
1198	Sewer Main: Line E STA 8+00								4th Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher	
1199	Sewer Main: Line E STA 9+00								4th Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher	
1200	Sewer Main: Line E STA 5+00								1st Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher	
1201	Sewer Main: Line E STA 6+00								1st Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher	
Remarks					Comments										
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Phone: 210-525-9033

Compaction Evaluation

Report Date: 10/30/2023
Test Method: ASTM D6938, Tex 115E

Client:

Ashton Woods
17319 San Pedro, Ste. 140
San Antonio, TX 78232

Project:

S212171
Cordova Trails Unit 1
29.628389, -97.985009
Seguin, TX

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 Comp. (%)	Optimum Moisture Tolerance (%)	Remark
1202		03/24/22	U16023		CH	20.4	102.2	18.9	101.4	120.6	6	99.2	95	-2 / 2	C
1203		03/24/22	U16023		CH	20.4	102.2	19.2	101.5	121.0	6	99.3	95	-2 / 2	C
1204		03/24/22	U16023		CH	20.4	102.2	18.5	98.6	116.8	6	96.5	95	-2 / 2	C
1205		03/24/22	U16023		CH	20.4	102.2	20.7	101.7	122.8	6	99.5	95	-2 / 2	C
1206		03/24/22	U16023		CH	20.4	102.2	18.6	98.6	116.9	6	96.5	95	-2 / 2	C
1207		03/24/22	U16023		CH	20.4	102.2	19.2	100.6	119.9	6	98.4	95	-2 / 2	C
1208		03/24/22	U16023		CH	20.4	102.2	18.6	101.6	120.5	6	99.4	95	-2 / 2	C
1209		03/24/22	U16023		CH	20.4	102.2	20.6	101.8	122.8	6	99.6	95	-2 / 2	C
Test Information															
Test #	Test Location						Elevation	Reference		Gauge Make / Model / SN / Calibrated			Field Technician		
1202	Sewer Main: Line F STA 2+00							1st Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher		
1203	Sewer Main: Line F STA 4+00							1st Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher		
1204	Sewer Main: Line F STA 5+50							1st Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher		
1205	Sewer Main: Line F STA 2+00							2nd Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher		
1206	Sewer Main: Line F STA 4+00							2nd Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher		
1207	Sewer Main: Line F STA 5+50							2nd Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher		
1208	Sewer Main: Line F STA 2+00							3rd Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher		
1209	Sewer Main: Line F STA 4+00							3rd Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher		
Remarks					Comments										
C: Compliant					Tests are "Direct Transmission" (Method A) unless probe depth is noted as "Backscatter". Gauge calibration data on file with the testing agency.										

Testing performed when called in.
InTEC did not observe the installation of the material.
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12028 Radium
San Antonio, TX 78216
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1210		03/24/22	U16023		CH	20.4	102.2	21.7	100.1	121.8	6	97.9	95	-2 / 2	C
1356		04/21/22	U18050		GC	9.3	126.9	10.2	123.9	136.5	6	97.6	95	-2 / 2	C
1357		04/21/22	U18050		GC	9.3	126.9	9.6	120.5	132.1	6	95.0	95	-2 / 2	C
1358		04/21/22	U18050		GC	9.3	126.9	10.9	122.4	135.7	6	96.5	95	-2 / 2	C
1359		04/21/22	U18050		GC	9.3	126.9	10.2	125.8	138.6	6	99.1	95	-2 / 2	C
1360		04/21/22	U18050		GC	9.3	126.9	10.7	123.7	136.9	6	97.5	95	-2 / 2	C
1361		04/21/22	U18050		GC	9.3	126.9	11.3	121.4	135.1	6	95.7	95	-2 / 2	C
1362		04/22/22	U18050		GC	9.3	126.9	11.1	122.6	136.2	6	96.6	95	-2 / 2	C
Test Information															
Test #	Test Location						Elevation	Reference		Gauge Make / Model / SN / Calibrated			Field Technician		
1210	Sewer Main: Line F STA 5+50							3rd Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher		
1356	Sewer Main: Line D STA 2+00							1st Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher		
1357	Sewer Main: Line D STA 4+00							1st Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher		
1358	Sewer Main: Line D STA 2+00							2nd Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher		
1359	Sewer Main: Line D STA 4+00							2nd Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher		
1360	Sewer Main: Line D STA 2+00							3rd Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher		
1361	Sewer Main: Line D STA 4+00							3rd Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher		
1362	Sewer Main: Line D STA 2+00							4th Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher		
Remarks					Comments										
C: Compliant					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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1363		04/22/22	U18050		GC	9.3	126.9	9.6	126.4	138.5	6	99.6	95	-2 / 2	C
1364		04/22/22	U18050		GC	9.3	126.9	9.9	125.7	138.1	6	99.1	95	-2 / 2	C
1365		04/22/22	U18050		GC	9.3	126.9	11.3	123.4	137.3	6	97.2	95	-2 / 2	C
1366		04/22/22	U18050		GC	9.3	126.9	10.4	122.5	135.2	6	96.5	95	-2 / 2	C
1367		04/22/22	U18050		GC	9.3	126.9	10.0	123.3	135.6	6	97.2	95	-2 / 2	C
1368		04/25/22	U16023		CH	20.4	102.2	18.6	99.3	117.8	6	97.2	95	-2 / 2	C
1369		04/25/22	U16023		CH	20.4	102.2	21.2	98.1	118.9	6	96.0	95	-2 / 2	C
1370		04/27/22	U18050		GC	9.3	126.9	11.3	120.9	134.6	6	95.3	95	-2 / 2	C
Test Information															
Test #	Test Location							Elevation	Reference		Gauge Make / Model / SN / Calibrated			Field Technician	
1363	Sewer Main: Line D STA 4+00								4th Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher	
1364	Sewer Main: Line D STA 2+00								5th Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher	
1365	Sewer Main: Line D STA 4+00								5th Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher	
1366	Sewer Main: Line D STA 2+00								6th Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher	
1367	Sewer Main: Line D STA 4+00								6th Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher	
1368	Sewer Main: Line D STA 7+00								1st Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher	
1369	Sewer Main: Line D STA 9+00								1st Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher	
1370	Sewer Main: Line D STA 7+00								2nd Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher	
Remarks					Comments										
C: Compliant					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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1371		04/27/22	U18050		GC	9.3	126.9	10.9	122.4	135.7	6	96.5	95	-2 / 2	C
1372		04/27/22	U18050		GC	9.3	126.9	10.2	123.2	135.8	6	97.1	95	-2 / 2	C
1373		04/27/22	U18050		GC	9.3	126.9	10.8	121.1	134.2	6	95.4	95	-2 / 2	C
1374		04/27/22	U18050		GC	9.3	126.9	9.5	120.8	132.3	6	95.2	95	-2 / 2	C
1375		04/27/22	U18050		GC	9.3	126.9	10.8	121.7	134.8	6	95.9	95	-2 / 2	C
1376		04/28/22	U18050		GC	9.3	126.9	11.2	121.7	135.3	6	95.9	95	-2 / 2	C
1377		04/28/22	U18050		GC	9.3	126.9	10.7	122.8	135.9	6	96.8	95	-2 / 2	C
1378		04/28/22	U18050		GC	9.3	126.9	10.4	122.9	135.7	6	96.8	95	-2 / 2	C
Test Information															
Test #	Test Location							Elevation	Reference		Gauge Make / Model / SN / Calibrated			Field Technician	
1371	Sewer Main: Line D STA 9+00								2nd Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher	
1372	Sewer Main: Line D STA 7+00								3rd Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher	
1373	Sewer Main: Line D STA 9+00								3rd Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher	
1374	Sewer Main: Line D STA 7+00								4th Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher	
1375	Sewer Main: Line D STA 9+00								4th Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher	
1376	Sewer Main: Line D STA 7+00								5th Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher	
1377	Sewer Main: Line D STA 9+00								5th Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher	
1378	Sewer Main: Line D STA 7+00								6th Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher	
Remarks					Comments										
C: Compliant					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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1379		04/28/22	U18050		GC	9.3	126.9	9.5	123.8	135.6	6	97.6	95	-2 / 2	C
1380		04/28/22	U18050		GC	9.3	126.9	10.7	123.9	137.2	6	97.6	95	-2 / 2	C
1381		04/29/22	U18050		GC	9.3	126.9	9.9	122.7	134.8	6	96.7	95	-2 / 2	C
1382		04/29/22	U18050		GC	9.3	126.9	10.6	120.7	133.5	6	95.1	95	-2 / 2	C
1383		04/29/22	U18050		GC	9.3	126.9	9.6	121.5	133.2	6	95.7	95	-2 / 2	C
1436		05/05/22	U16023		CH	20.4	102.2	21.3	101.5	123.1	6	99.3	95	-2 / 2	C
1437		05/05/22	U16023		CH	20.4	102.2	21.5	101.5	123.3	6	99.3	95	-2 / 2	C
1438		05/05/22	U16023		CH	20.4	102.2	19.9	100.7	120.7	6	98.5	95	-2 / 2	C
Test Information															
Test #	Test Location							Elevation	Reference		Gauge Make / Model / SN / Calibrated			Field Technician	
1379	Sewer Main: Line D STA 9+00								6th Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher	
1380	Sewer Main: Line K STA 1+75								1st Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher	
1381	Sewer Main: Line K STA 2+00								2nd Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher	
1382	Sewer Main: Line K STA 2+00								3rd Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher	
1383	Sewer Main: Line K STA 2+00								4th Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher	
1436	Sewer Main: Line A STA 18+25								1st Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher	
1437	Sewer Main: Line A STA 18+25								2nd Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher	
1438	Sewer Main: Line A STA 18+25								3rd Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher	
Remarks					Comments										
C: Compliant					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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1439		05/06/22	U16023		CH	20.4	102.2	21.1	100.6	121.8	6	98.4	95	-2 / 2	C
1440		05/06/22	U16023		CH	20.4	102.2	19.6	101.1	120.9	6	98.9	95	-2 / 2	C
1441		05/06/22	U16023		CH	20.4	102.2	20.5	99.8	120.3	6	97.7	95	-2 / 2	C
1442		05/09/22	U18050		GC	9.3	126.9	7.8	123.1	132.7	6	97.0	95	-2 / 2	C
1443		05/09/22	U18050		GC	9.3	126.9	10.4	121.8	134.5	6	96.0	95	-2 / 2	C
1444		05/10/22	U16023		CH	20.4	102.2	21.4	102.7	124.7	6	100.5	95	-2 / 2	C
1445		05/10/22	U16023		CH	20.4	102.2	22.3	99.2	121.3	6	97.1	95	-2 / 2	C
1446		05/11/22	U18050		GC	9.3	126.9	8.9	123.2	134.2	6	97.1	95	-2 / 2	C
Test Information															
Test #	Test Location						Elevation	Reference		Gauge Make / Model / SN / Calibrated			Field Technician		
1439	Sewer Main: Line A STA 18+25							4th Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher		
1440	Sewer Main: Line A STA 18+25							5th Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher		
1441	Sewer Main: Line A STA 18+25							6th Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher		
1442	Sewer Main: Line E STA 2+50							1st Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher		
1443	Sewer Main: Line E STA 2+50							2nd Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher		
1444	Sewer Main: Line E STA 2+50							3rd Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher		
1445	Sewer Main: Line E STA 2+50							4th Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher		
1446	Sewer Main: Line E STA 2+50							5th Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher		
Remarks					Comments										
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1447		05/11/22	U18050		GC	9.3	126.9	11.1	120.6	134.0	6	95.0	95	-2 / 2	C
1448		05/12/22	U18050		GC	9.3	126.9	10.2	123.8	136.4	6	97.6	95	-2 / 2	C
1449		05/12/22	U18050		GC	9.3	126.9	9.9	120.9	132.9	6	95.3	95	-2 / 2	C
1450		05/13/22	U18050		GC	9.3	126.9	10.3	121.7	134.2	6	95.9	95	-2 / 2	C
Test Information															
Test #	Test Location						Elevation	Reference		Gauge Make / Model / SN / Calibrated			Field Technician		
1447	Sewer Main: Line E STA 2+50							6th Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher		
1448	Sewer Main: Line A STA 7+00							1st Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher		
1449	Sewer Main: Line A STA 7+00							2nd Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher		
1450	Sewer Main: Line A STA 7+00							3rd Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher		
Remarks					Comments										
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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 Comp. (%)	Optimum Moisture Tolerance (%)	Remark
1451		05/13/22	U18050		GC	9.3	126.9	10.0	125.1	137.6	6	98.6	95	-2 / 2	C
1452		05/16/22	U18050		GC	9.3	126.9	10.3	124.5	137.3	6	98.1	95	-2 / 2	C
1453		05/16/22	U18050		GC	9.3	126.9	9.5	124.7	136.5	6	98.3	95	-2 / 2	C
1454		05/16/22	U18050		GC	9.3	126.9	9.0	122.6	133.6	6	96.6	95	-2 / 2	C
Test Information															
Test #	Test Location						Elevation	Reference		Gauge Make / Model / SN / Calibrated			Field Technician		
1451	Sewer Main: Line A STA 7+00							4th Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher		
1452	Sewer Main: Line A STA 7+00							5th Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher		
1453	Sewer Main: Line A STA 7+00							6th Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher		
1454	Sewer Main: Line A STA 7+00							7th Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher		
Remarks					Comments										
C: Compliant					Tests are "Direct Transmission" (Method A) unless probe depth is noted as "Backscatter". Gauge calibration data on file with the testing agency.										

Testing performed when called in.
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InTEC of San Antonio
12028 Radium
San Antonio, TX 78216
Phone: 210-525-9033

Compaction Evaluation

Report Date: 10/30/2023
Test Method: ASTM D6938, Tex 115E

Client:

Ashton Woods
17319 San Pedro, Ste. 140
San Antonio, TX 78232

Project:

S212171
Cordova Trails Unit 1
29.628389, -97.985009
Seguin, TX

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 Comp. (%)	Optimum Moisture Tolerance (%)	Remark
1171		03/15/22	U16023		CH	20.4	102.2	20.1	100.6	120.8	6	98.4	95	-2 / 2	C
1172		03/15/22	U16023		CH	20.4	102.2	19.6	101.2	121.0	6	99.0	95	-2 / 2	C
1173		03/15/22	U16023		CH	20.4	102.2	18.7	100.2	118.9	6	98.0	95	-2 / 2	C
1174		03/15/22	U16023		CH	20.4	102.2	19.2	100.9	120.3	6	98.7	95	-2 / 2	C
1175		03/15/22	U16023		CH	20.4	102.2	20.1	100.2	120.4	6	98.0	95	-2 / 2	C
1176		03/15/22	U16023		CH	20.4	102.2	19.6	100.8	120.5	6	98.6	95	-2 / 2	C
1177		03/15/22	U18050		GC	9.3	126.9	10.1	123.6	136.1	6	97.4	95	-2 / 2	C
1179		03/15/22	U18050		GC	9.3	126.9	9.9	125.8	138.2	6	99.1	95	-2 / 2	C
Test Information															
Test #	Test Location						Elevation	Reference		Gauge Make / Model / SN / Calibrated			Field Technician		
1171	Sewer Laterals: Line B STA 4+86							1st Lift		Troxler / 3430 / 24204 / 06/04/2021			Vidal, Efrain		
1172	Sewer Laterals: Line B STA 5+50							1st Lift		Troxler / 3430 / 24204 / 06/04/2021			Vidal, Efrain		
1173	Sewer Laterals: Line B STA 5+86							1st Lift		Troxler / 3430 / 24204 / 06/04/2021			Vidal, Efrain		
1174	Sewer Laterals: Line B STA 6+50							1st Lift		Troxler / 3430 / 24204 / 06/04/2021			Vidal, Efrain		
1175	Sewer Laterals: Line B STA 6+86							1st Lift		Troxler / 3430 / 24204 / 06/04/2021			Vidal, Efrain		
1176	Sewer Laterals: Line B STA 7+42							1st Lift		Troxler / 3430 / 24204 / 06/04/2021			Vidal, Efrain		
1177	Sewer Laterals: Line C STA 1+98							1st Lift		Troxler / 3430 / 24204 / 06/04/2021			Vidal, Efrain		
1179	Sewer Laterals: Line C STA 2+97							1st Lift		Troxler / 3430 / 24204 / 06/04/2021			Vidal, Efrain		
Remarks					Comments										
C: Compliant					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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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 Comp. (%)	Optimum Moisture Tolerance (%)	Remark
1180		03/15/22	U18050		GC	9.3	126.9	8.5	123.0	133.5	6	96.9	95	-2 / 2	C
1181		03/15/22	U18050		GC	9.3	126.9	9.5	124.0	135.8	6	97.7	95	-2 / 2	C
1211		03/25/22	U16023		CH	20.4	102.2	18.9	101.3	120.4	6	99.1	95	-2 / 2	C
1212		03/25/22	U16023		CH	20.4	102.2	19.6	98.2	117.4	6	96.1	95	-2 / 2	C
1213		03/25/22	U16023		CH	20.4	102.2	20.5	99.1	119.4	6	97.0	95	-2 / 2	C
1214		03/25/22	U16023		CH	20.4	102.2	19.1	100.5	119.7	6	98.3	95	-2 / 2	C
1215		03/25/22	U16023		CH	20.4	102.2	21.3	102.6	124.5	6	100.4	95	-2 / 2	C
1216		03/25/22	U16023		CH	20.4	102.2	20.4	100.2	120.6	6	98.0	95	-2 / 2	C
Test Information															
Test #	Test Location						Elevation	Reference		Gauge Make / Model / SN / Calibrated			Field Technician		
1180	Sewer Laterals: Line C STA 3+97							1st Lift		Troxler / 3430 / 24204 / 06/04/2021			Vidal, Efrain		
1181	Sewer Laterals: Line C STA 4+24							1st Lift		Troxler / 3430 / 24204 / 06/04/2021			Vidal, Efrain		
1211	Sewer Laterals: Line F STA 1+60							1st Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher		
1212	Sewer Laterals: Line F STA 2+09							1st Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher		
1213	Sewer Laterals: Line F STA 2+59							1st Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher		
1214	Sewer Laterals: Line F STA 3+09							1st Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher		
1215	Sewer Laterals: Line F STA 3+59							1st Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher		
1216	Sewer Laterals: Line F STA 4+06							1st Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher		
Remarks					Comments										
C: Compliant					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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1217		03/25/22	U16023		CH	20.4	102.2	19.6	102.5	122.6	6	100.3	95	-2 / 2	C
1218		03/25/22	U16023		CH	20.4	102.2	19.3	101.9	121.6	6	99.7	95	-2 / 2	C
1219		03/25/22	U16023		CH	20.4	102.2	21.3	102.7	124.6	6	100.5	95	-2 / 2	C
1220		03/25/22	U16023		CH	20.4	102.2	21.4	98.6	119.7	6	96.5	95	-2 / 2	C
1221		03/25/22	U16023		CH	20.4	102.2	19.9	101.7	121.9	6	99.5	95	-2 / 2	C
1222		03/25/22	U16023		CH	20.4	102.2	20.8	100.4	121.3	6	98.2	95	-2 / 2	C
1223		03/25/22	U16023		CH	20.4	102.2	19.9	98.1	117.6	6	96.0	95	-2 / 2	C
1224		03/28/22	U18050		GC	9.3	126.9	9.6	126.3	138.4	6	99.5	95	-2 / 2	C
Test Information															
Test #	Test Location						Elevation	Reference		Gauge Make / Model / SN / Calibrated			Field Technician		
1217	Sewer Laterals: Line F STA 4+41							1st Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher		
1218	Sewer Laterals: Line F STA 4+55							1st Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher		
1219	Sewer Laterals: Line F STA 4+79							1st Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher		
1220	Sewer Laterals: Line F STA 5+29							1st Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher		
1221	Sewer Laterals: Line F STA 5+79							1st Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher		
1222	Sewer Laterals: Line F STA 6+29							1st Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher		
1223	Sewer Laterals: Line F STA 6+79							1st Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher		
1224	Sewer Laterals: Line F STA 1+60							2nd Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher		
Remarks					Comments										
C: Compliant					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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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 Comp. (%)	Optimum Moisture Tolerance (%)	Remark
1225		03/28/22	U18050		GC	9.3	126.9	8.5	124.7	135.3	6	98.3	95	-2 / 2	C
1226		03/28/22	U18050		GC	9.3	126.9	8.0	123.8	133.7	6	97.6	95	-2 / 2	C
1227		03/28/22	U18050		GC	9.3	126.9	8.7	125.1	136.0	6	98.6	95	-2 / 2	C
1228		03/28/22	U18050		GC	9.3	126.9	8.6	122.9	133.5	6	96.8	95	-2 / 2	C
1229		03/28/22	U18050		GC	9.3	126.9	9.7	121.3	133.1	6	95.6	95	-2 / 2	C
1230		03/28/22	U18050		GC	9.3	126.9	10.7	124.7	138.0	6	98.3	95	-2 / 2	C
1231		03/28/22	U18050		GC	9.3	126.9	10.1	123.8	136.3	6	97.6	95	-2 / 2	C
1232		03/28/22	U18050		GC	9.3	126.9	10.8	122.1	135.3	6	96.2	95	-2 / 2	C
Test Information															
Test #	Test Location							Elevation	Reference	Gauge Make / Model / SN / Calibrated			Field Technician		
1225	Sewer Laterals: Line F STA 2+09								2nd Lift	Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher		
1226	Sewer Laterals: Line F STA 2+59								2nd Lift	Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher		
1227	Sewer Laterals: Line F STA 3+09								2nd Lift	Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher		
1228	Sewer Laterals: Line F STA 3+59								2nd Lift	Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher		
1229	Sewer Laterals: Line F STA 4+06								2nd Lift	Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher		
1230	Sewer Laterals: Line F STA 4+41								2nd Lift	Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher		
1231	Sewer Laterals: Line F STA 4+55								2nd Lift	Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher		
1232	Sewer Laterals: Line F STA 4+79								2nd Lift	Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher		
Remarks					Comments										
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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 Comp. (%)	Optimum Moisture Tolerance (%)	Remark
1233		03/28/22	U18050		GC	9.3	126.9	9.9	123.6	135.8	6	97.4	95	-2 / 2	C
1234		03/28/22	U18050		GC	9.3	126.9	10.2	122.5	135.0	6	96.5	95	-2 / 2	C
1235		03/28/22	U18050		GC	9.3	126.9	10.2	120.9	133.2	6	95.3	95	-2 / 2	C
1236		03/28/22	U18050		GC	9.3	126.9	10.4	122.8	135.6	6	96.8	95	-2 / 2	C
1237		03/28/22	U18050		GC	9.3	126.9	11.1	123.9	137.7	6	97.6	95	-2 / 2	C
1238		03/28/22	U18050		GC	9.3	126.9	10.4	122.9	135.7	6	96.8	95	-2 / 2	C
1239		03/28/22	U18050		GC	9.3	126.9	10.2	121.8	134.2	6	96.0	95	-2 / 2	C
1240		03/28/22	U18050		GC	9.3	126.9	9.1	123.8	135.1	6	97.6	95	-2 / 2	C
Test Information															
Test #	Test Location							Elevation	Reference	Gauge Make / Model / SN / Calibrated			Field Technician		
1233	Sewer Laterals: Line F STA 5+29								2nd Lift	Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher		
1234	Sewer Laterals: Line F STA 5+79								2nd Lift	Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher		
1235	Sewer Laterals: Line F STA 6+29								2nd Lift	Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher		
1236	Sewer Laterals: Line F STA 6+79								2nd Lift	Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher		
1237	Sewer Laterals: Line C STA 7+59								1st Lift	Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher		
1238	Sewer Laterals: Line C STA 7+21								1st Lift	Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher		
1239	Sewer Laterals: Line C STA 6+57								1st Lift	Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher		
1240	Sewer Laterals: Line C STA 6+21								1st Lift	Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher		
Remarks					Comments										
C: Compliant					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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1241		03/28/22	U18050		GC	9.3	126.9	9.3	122.4	133.8	6	96.5	95	-2 / 2	C
1242		03/28/22	U18050		GC	9.3	126.9	9.2	121.6	132.8	6	95.8	95	-2 / 2	C
1243		03/29/22	U18050		GC	9.3	126.9	11.3	126.3	140.6	6	99.5	95	-2 / 2	C
1244		03/29/22	U18050		GC	9.3	126.9	10.8	123.1	136.4	6	97.0	95	-2 / 2	C
1245		03/29/22	U18050		GC	9.3	126.9	11.0	124.6	138.3	6	98.2	95	-2 / 2	C
1246		03/29/22	U18050		GC	9.3	126.9	11.3	121.6	135.3	6	95.8	95	-2 / 2	C
1247		03/29/22	U18050		GC	9.3	126.9	10.2	124.9	137.6	6	98.4	95	-2 / 2	C
1248		03/29/22	U18050		GC	9.3	126.9	8.8	126.8	138.0	6	99.9	95	-2 / 2	C
Test Information															
Test #	Test Location						Elevation	Reference		Gauge Make / Model / SN / Calibrated			Field Technician		
1241	Sewer Laterals: Line C STA 5+57							1st Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher		
1242	Sewer Laterals: Line C STA 5+10							1st Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher		
1243	Sewer Laterals: Line E STA 4+59							1st Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher		
1244	Sewer Laterals: Line E STA 4+98							1st Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher		
1245	Sewer Laterals: Line E STA 5+59							1st Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher		
1246	Sewer Laterals: Line E STA 6+09							1st Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher		
1247	Sewer Laterals: Line E STA 6+15							1st Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher		
1248	Sewer Laterals: Line E STA 6+59							1st Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher		
Remarks					Comments										
C: Compliant					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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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 Comp. (%)	Optimum Moisture Tolerance (%)	Remark
1249		03/29/22	U18050		GC	9.3	126.9	8.2	125.5	135.8	6	98.9	95	-2 / 2	C
1250		03/29/22	U18050		GC	9.3	126.9	9.4	124.1	135.8	6	97.8	95	-2 / 2	C
1251		03/29/22	U18050		GC	9.3	126.9	9.0	122.5	133.5	6	96.5	95	-2 / 2	C
1252		03/30/22	U16023		CH	20.4	102.2	20.6	98.2	118.4	6	96.1	95	-2 / 2	C
1253		03/30/22	U16023		CH	20.4	102.2	19.4	97.2	116.1	6	95.1	95	-2 / 2	C
1254		03/30/22	U16023		CH	20.4	102.2	21.7	99.6	121.2	6	97.5	95	-2 / 2	C
1255		03/30/22	U16023		CH	20.4	102.2	19.5	99.1	118.4	6	97.0	95	-2 / 2	C
1256		03/30/22	U16023		CH	20.4	102.2	20.6	97.1	117.1	6	95.0	95	-2 / 2	C
Test Information															
Test #	Test Location						Elevation	Reference		Gauge Make / Model / SN / Calibrated			Field Technician		
1249	Sewer Laterals: Line E STA 6+65							1st Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher		
1250	Sewer Laterals: Line E STA 7+59							1st Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher		
1251	Sewer Laterals: Line E STA 7+65							1st Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher		
1252	Sewer Laterals: Line B STA 4+23							1st Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher		
1253	Sewer Laterals: Line B STA 3+90							1st Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher		
1254	Sewer Laterals: Line B STA 3+38							1st Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher		
1255	Sewer Laterals: Line B STA 2+88							1st Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher		
1256	Sewer Laterals: Line B STA 2+38							1st Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher		
Remarks					Comments										
C: Compliant					Tests are "Direct Transmission" (Method A) unless probe depth is noted as "Backscatter". Gauge calibration data on file with the testing agency.										

Testing performed when called in.
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InTEC of San Antonio
12028 Radium
San Antonio, TX 78216
Phone: 210-525-9033

Compaction Evaluation

Report Date: 10/30/2023
Test Method: ASTM D6938, Tex 115E

Client:

Ashton Woods
17319 San Pedro, Ste. 140
San Antonio, TX 78232

Project:

S212171
Cordova Trails Unit 1
29.628389, -97.985009
Seguin, TX

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 Comp. (%)	Optimum Moisture Tolerance (%)	Remark
1257		03/30/22	U16023		CH	20.4	102.2	19.6	98.6	117.9	6	96.5	95	-2 / 2	C
1258		03/30/22	U18050		GC	9.3	126.9	11.0	122.3	135.8	6	96.4	95	-2 / 2	C
1259		03/30/22	U18050		GC	9.3	126.9	9.5	123.9	135.7	6	97.6	95	-2 / 2	C
1260		03/30/22	U18050		GC	9.3	126.9	10.5	124.8	137.9	6	98.3	95	-2 / 2	C
1261		03/30/22	U18050		GC	9.3	126.9	10.7	122.4	135.5	6	96.5	95	-2 / 2	C
1262		03/30/22	U18050		GC	9.3	126.9	9.3	125.8	137.5	6	99.1	95	-2 / 2	C
1263		03/30/22	U18050		GC	9.3	126.9	10.2	123.7	136.3	6	97.5	95	-2 / 2	C
1264		03/31/22	U18050		GC	9.3	126.9	10.6	123.6	136.7	6	97.4	95	-2 / 2	C
Test Information															
Test #	Test Location						Elevation	Reference		Gauge Make / Model / SN / Calibrated			Field Technician		
1257	Sewer Laterals: Line B STA 1+88							1st Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher		
1258	Sewer Laterals: Line B STA 4+86							2nd Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher		
1259	Sewer Laterals: Line B STA 5+50							2nd Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher		
1260	Sewer Laterals: Line B STA 5+86							2nd Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher		
1261	Sewer Laterals: Line B STA 6+50							2nd Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher		
1262	Sewer Laterals: Line B STA 6+86							2nd Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher		
1263	Sewer Laterals: Line B STA 7+42							2nd Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher		
1264	Sewer Laterals: Line C STA 7+64							2nd Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher		
Remarks					Comments										
C: Compliant					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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1265		03/31/22	U18050		GC	9.3	126.9	9.6	124.2	136.1	6	97.9	95	-2 / 2	C
1266		03/31/22	U18050		GC	9.3	126.9	8.6	122.3	132.8	6	96.4	95	-2 / 2	C
1267		03/31/22	U18050		GC	9.3	126.9	8.2	122.6	132.7	6	96.6	95	-2 / 2	C
1268		03/31/22	U18050		GC	9.3	126.9	11.0	125.3	139.1	6	98.7	95	-2 / 2	C
1269		03/31/22	U18050		GC	9.3	126.9	8.0	123.7	133.6	6	97.5	95	-2 / 2	C
1270		03/31/22	U18050		GC	9.3	126.9	8.5	121.4	131.7	6	95.7	95	-2 / 2	C
1271		03/31/22	U18050		GC	9.3	126.9	9.9	123.3	135.5	6	97.2	95	-2 / 2	C
1272		03/31/22	U18050		GC	9.3	126.9	10.2	123.5	136.1	6	97.3	95	-2 / 2	C
Test Information															
Test #	Test Location							Elevation	Reference	Gauge Make / Model / SN / Calibrated			Field Technician		
1265	Sewer Laterals: Line C STA 7+07								2nd Lift	Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher		
1266	Sewer Laterals: Line C STA 6+71								2nd Lift	Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher		
1267	Sewer Laterals: Line C STA 6+07								2nd Lift	Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher		
1268	Sewer Laterals: Line C STA 5+71								2nd Lift	Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher		
1269	Sewer Laterals: Line C STA 4+96								2nd Lift	Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher		
1270	Sewer Laterals: Line C STA 4+55								2nd Lift	Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher		
1271	Sewer Laterals: Line C STA 4+38								2nd Lift	Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher		
1272	Sewer Laterals: Line C STA 1+52								2nd Lift	Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher		
Remarks					Comments										
C: Compliant					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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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 Comp. (%)	Optimum Moisture Tolerance (%)	Remark
1273		03/31/22	U18050		GC	9.3	126.9	9.2	120.5	131.6	6	95.0	95	-2 / 2	C
1274		03/31/22	U18050		GC	9.3	126.9	9.6	122.7	134.5	6	96.7	95	-2 / 2	C
1275		03/31/22	U18050		GC	9.3	126.9	10.7	124.1	137.4	6	97.8	95	-2 / 2	C
1276		03/31/22	U18050		GC	9.3	126.9	7.8	122.3	131.8	6	96.4	95	-2 / 2	C
1277		03/31/22	U18050		GC	9.3	126.9	9.1	120.8	131.8	6	95.2	95	-2 / 2	C
1278		03/31/22	U18050		GC	9.3	126.9	9.0	123.7	134.8	6	97.5	95	-2 / 2	C
1279		04/01/22	U18050		GC	9.3	126.9	10.1	124.1	136.6	6	97.8	95	-2 / 2	C
1280		04/01/22	U18050		GC	9.3	126.9	8.5	121.3	131.6	6	95.6	95	-2 / 2	C
Test Information															
Test #	Test Location							Elevation	Reference		Gauge Make / Model / SN / Calibrated			Field Technician	
1273	Sewer Laterals: Line C STA 1+98								2nd Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher	
1274	Sewer Laterals: Line C STA 2+47								2nd Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher	
1275	Sewer Laterals: Line C STA 2+97								2nd Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher	
1276	Sewer Laterals: Line C STA 3+67								2nd Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher	
1277	Sewer Laterals: Line C STA 3+97								2nd Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher	
1278	Sewer Laterals: Line C STA 4+24								2nd Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher	
1279	Sewer Laterals: Line C STA 1+52								3rd Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher	
1280	Sewer Laterals: Line C STA 1+98								3rd Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher	
Remarks						Comments									
C: Compliant						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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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 Comp. (%)	Optimum Moisture Tolerance (%)	Remark
1281		04/01/22	U18050		GC	9.3	126.9	9.6	122.8	134.6	6	96.8	95	-2 / 2	C
1282		04/01/22	U18050		GC	9.3	126.9	8.9	123.7	134.7	6	97.5	95	-2 / 2	C
1283		04/01/22	U18050		GC	9.3	126.9	9.9	125.8	138.3	6	99.1	95	-2 / 2	C
1284		04/01/22	U18050		GC	9.3	126.9	11.1	122.1	135.7	6	96.2	95	-2 / 2	C
1285		04/01/22	U18050		GC	9.3	126.9	10.3	124.9	137.8	6	98.4	95	-2 / 2	C
1286		04/01/22	U18050		GC	9.3	126.9	11.0	123.3	136.9	6	97.2	95	-2 / 2	C
1287		04/01/22	U18050		GC	9.3	126.9	9.3	121.5	132.8	6	95.7	95	-2 / 2	C
1288		04/01/22	U18050		GC	9.3	126.9	10.5	122.6	135.5	6	96.6	95	-2 / 2	C
Test Information															
Test #	Test Location						Elevation	Reference		Gauge Make / Model / SN / Calibrated			Field Technician		
1281	Sewer Laterals: Line C STA 2+47							3rd Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher		
1282	Sewer Laterals: Line C STA 2+97							3rd Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher		
1283	Sewer Laterals: Line C STA 3+47							3rd Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher		
1284	Sewer Laterals: Line C STA 3+97							3rd Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher		
1285	Sewer Laterals: Line C STA 4+24							3rd Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher		
1286	Sewer Laterals: Line C STA 7+59							3rd Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher		
1287	Sewer Laterals: Line C STA 7+21							3rd Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher		
1288	Sewer Laterals: Line C STA 6+57							3rd Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher		
Remarks					Comments										
C: Compliant					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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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 Comp. (%)	Optimum Moisture Tolerance (%)	Remark
1289		04/01/22	U18050		GC	9.3	126.9	8.3	120.8	130.8	6	95.2	95	-2 / 2	C
1290		04/01/22	U18050		GC	9.3	126.9	8.8	123.8	134.7	6	97.6	95	-2 / 2	C
1291		04/01/22	U18050		GC	9.3	126.9	10.2	121.6	134.0	6	95.8	95	-2 / 2	C
1292		04/01/22	U18050		GC	9.3	126.9	8.9	125.1	136.2	6	98.6	95	-2 / 2	C
1293		04/01/22	U18050		GC	9.3	126.9	10.9	123.7	137.2	6	97.5	95	-2 / 2	C
1384		05/03/22	U18050		GC	9.3	126.9	10.4	121.5	134.1	6	95.7	95	-2 / 2	C
1385		05/03/22	U18050		GC	9.3	126.9	9.4	122.8	134.3	6	96.8	95	-2 / 2	C
1386		05/03/22	U18050		GC	9.3	126.9	9.0	121.4	132.3	6	95.7	95	-2 / 2	C
Test Information															
Test #	Test Location							Elevation	Reference		Gauge Make / Model / SN / Calibrated			Field Technician	
1289	Sewer Laterals: Line C STA 6+21								3rd Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher	
1290	Sewer Laterals: Line C STA 5+71								3rd Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher	
1291	Sewer Laterals: Line C STA 5+57								3rd Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher	
1292	Sewer Laterals: Line C STA 5+10								3rd Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher	
1293	Sewer Laterals: Line C STA 4+55								3rd Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher	
1384	Sewer Laterals: Line D STA 2+04								1st Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher	
1385	Sewer Laterals: Line D STA 2+54								1st Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher	
1386	Sewer Laterals: Line D STA 3+04								1st Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher	
Remarks					Comments										
C: Compliant					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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1387		05/03/22	U18050		GC	9.3	126.9	10.3	123.9	136.7	6	97.6	95	-2 / 2	C
1388		05/03/22	U18050		GC	9.3	126.9	8.9	120.8	131.6	6	95.2	95	-2 / 2	C
1389		05/03/22	U18050		GC	9.3	126.9	10.8	121.2	134.3	6	95.5	95	-2 / 2	C
1390		05/03/22	U18050		GC	9.3	126.9	10.6	124.8	138.0	6	98.3	95	-2 / 2	C
Test Information															
Test #	Test Location							Elevation	Reference		Gauge Make / Model / SN / Calibrated			Field Technician	
1387	Sewer Laterals: Line D STA 3+54								1st Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher	
1388	Sewer Laterals: Line D STA 4+04								1st Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher	
1389	Sewer Laterals: Line D STA 4+54								1st Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher	
1390	Sewer Laterals: Line D STA 5+04								1st Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher	
Remarks						Comments									
C: Compliant						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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1391		05/03/22	U18050		GC	9.3	126.9	11.2	122.7	136.4	6	96.7	95	-2 / 2	C
1392		05/03/22	U18050		GC	9.3	126.9	9.6	125.7	137.8	6	99.1	95	-2 / 2	C
1393		05/03/22	U18050		GC	9.3	126.9	10.4	122.6	135.4	6	96.6	95	-2 / 2	C
1394		05/03/22	U18050		GC	9.3	126.9	10.8	123.6	136.9	6	97.4	95	-2 / 2	C
1395		05/03/22	U18050		GC	9.3	126.9	11.1	124.4	138.2	6	98.0	95	-2 / 2	C
1396		05/03/22	U18050		GC	9.3	126.9	9.7	123.1	135.0	6	97.0	95	-2 / 2	C
1397		05/03/22	U18050		GC	9.3	126.9	10.0	121.7	133.9	6	95.9	95	-2 / 2	C
1398		05/03/22	U18050		GC	9.3	126.9	9.3	121.9	133.2	6	96.1	95	-2 / 2	C
Test Information															
Test #	Test Location							Elevation	Reference		Gauge Make / Model / SN / Calibrated			Field Technician	
1391	Sewer Laterals: Line D STA 5+54								1st Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher	
1392	Sewer Laterals: Line D STA 1+68								2nd Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher	
1393	Sewer Laterals: Line D STA 2+18								2nd Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher	
1394	Sewer Laterals: Line D STA 2+68								2nd Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher	
1395	Sewer Laterals: Line D STA 3+18								2nd Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher	
1396	Sewer Laterals: Line D STA 3+68								2nd Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher	
1397	Sewer Laterals: Line D STA 4+18								2nd Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher	
1398	Sewer Laterals: Line D STA 4+68								2nd Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher	
Remarks					Comments										
C: Compliant					Tests are "Direct Transmission" (Method A) unless probe depth is noted as "Backscatter". Gauge calibration data on file with the testing agency.										

Testing performed when called in.
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InTEC of San Antonio
12028 Radium
San Antonio, TX 78216
Phone: 210-525-9033

Compaction Evaluation

Report Date: 10/30/2023
Test Method: ASTM D6938, Tex 115E

Client:

Ashton Woods
17319 San Pedro, Ste. 140
San Antonio, TX 78232

Project:

S212171
Cordova Trails Unit 1
29.628389, -97.985009
Seguin, TX

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 Comp. (%)	Optimum Moisture Tolerance (%)	Remark
1399		05/03/22	U18050		GC	9.3	126.9	10.2	120.8	133.1	6	95.2	95	-2 / 2	C
1400		05/03/22	U18050		GC	9.3	126.9	11.3	123.6	137.6	6	97.4	95	-2 / 2	C
1401		05/03/22	U18050		GC	9.3	126.9	11.3	120.6	134.2	6	95.0	95	-2 / 2	C
1402		05/03/22	U18050		GC	9.3	126.9	9.4	123.7	135.3	6	97.5	95	-2 / 2	C
1403		05/03/22	U18050		GC	9.3	126.9	9.0	122.7	133.7	6	96.7	95	-2 / 2	C
1404		05/03/22	U18050		GC	9.3	126.9	9.4	124.2	135.9	6	97.9	95	-2 / 2	C
1405		05/03/22	U18050		GC	9.3	126.9	10.5	122.2	135.0	6	96.3	95	-2 / 2	C
1406		05/03/22	U18050		GC	9.3	126.9	10.1	123.4	135.9	6	97.2	95	-2 / 2	C
Test Information															
Test #	Test Location							Elevation	Reference		Gauge Make / Model / SN / Calibrated			Field Technician	
1399	Sewer Laterals: Line D STA 5+18								2nd Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher	
1400	Sewer Laterals: Line D STA 5+67								2nd Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher	
1401	Sewer Laterals: Line D STA 2+04								3rd Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher	
1402	Sewer Laterals: Line D STA 2+54								3rd Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher	
1403	Sewer Laterals: Line D STA 3+04								3rd Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher	
1404	Sewer Laterals: Line D STA 3+54								3rd Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher	
1405	Sewer Laterals: Line D STA 4+04								3rd Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher	
1406	Sewer Laterals: Line D STA 4+54								3rd Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher	
Remarks					Comments										
C: Compliant					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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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 Comp. (%)	Optimum Moisture Tolerance (%)	Remark
1407		05/03/22	U18050		GC	9.3	126.9	9.9	121.5	133.5	6	95.7	95	-2 / 2	C
1408		05/03/22	U18050		GC	9.3	126.9	11.0	121.9	135.3	6	96.1	95	-2 / 2	C
1409		05/04/22	U18050		GC	9.3	126.9	11.0	123.3	136.9	6	97.2	95	-2 / 2	C
1410		05/04/22	U18050		GC	9.3	126.9	9.6	124.8	136.8	6	98.3	95	-2 / 2	C
1411		05/04/22	U18050		GC	9.3	126.9	9.6	122.2	133.9	6	96.3	95	-2 / 2	C
1412		05/04/22	U18050		GC	9.3	126.9	10.5	121.5	134.3	6	95.7	95	-2 / 2	C
1413		05/04/22	U18050		GC	9.3	126.9	10.2	122.8	135.3	6	96.8	95	-2 / 2	C
1414		05/04/22	U18050		GC	9.3	126.9	11.2	123.6	137.4	6	97.4	95	-2 / 2	C
Test Information															
Test #	Test Location						Elevation	Reference		Gauge Make / Model / SN / Calibrated			Field Technician		
1407	Sewer Laterals: Line D STA 5+04							3rd Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher		
1408	Sewer Laterals: Line D STA 5+54							3rd Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher		
1409	Sewer Laterals: Line D STA 6+04							1st Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher		
1410	Sewer Laterals: Line D STA 6+54							1st Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher		
1411	Sewer Laterals: Line D STA 7+15							1st Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher		
1412	Sewer Laterals: Line D STA 7+64							1st Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher		
1413	Sewer Laterals: Line D STA 8+14							1st Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher		
1414	Sewer Laterals: Line D STA 8+64							1st Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher		
Remarks					Comments										
C: Compliant					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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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 Comp. (%)	Optimum Moisture Tolerance (%)	Remark
1415		05/04/22	U18050		GC	9.3	126.9	8.5	124.7	135.3	6	98.3	95	-2 / 2	C
1416		05/04/22	U18050		GC	9.3	126.9	10.0	122.9	135.2	6	96.8	95	-2 / 2	C
1417		05/04/22	U18050		GC	9.3	126.9	10.4	123.3	136.1	6	97.2	95	-2 / 2	C
1418		05/04/22	U18050		GC	9.3	126.9	11.3	121.1	134.8	6	95.4	95	-2 / 2	C
1419		05/04/22	U18050		GC	9.3	126.9	9.2	123.9	135.3	6	97.6	95	-2 / 2	C
1420		05/04/22	U18050		GC	9.3	126.9	10.1	122.5	134.9	6	96.5	95	-2 / 2	C
1421		05/04/22	U18050		GC	9.3	126.9	10.3	122.1	134.7	6	96.2	95	-2 / 2	C
1422		05/04/22	U18050		GC	9.3	126.9	9.3	124.4	136.0	6	98.0	95	-2 / 2	C
Test Information															
Test #	Test Location						Elevation	Reference		Gauge Make / Model / SN / Calibrated			Field Technician		
1415	Sewer Laterals: Line D STA 9+14							1st Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher		
1416	Sewer Laterals: Line D STA 9+64							1st Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher		
1417	Sewer Laterals: Line D STA 10+12							1st Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher		
1418	Sewer Laterals: Line D STA 5+67							2nd Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher		
1419	Sewer Laterals: Line D STA 6+18							2nd Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher		
1420	Sewer Laterals: Line D STA 6+68							2nd Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher		
1421	Sewer Laterals: Line D STA 7+29							2nd Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher		
1422	Sewer Laterals: Line D STA 7+79							2nd Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher		
Remarks					Comments										
C: Compliant					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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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 Comp. (%)	Optimum Moisture Tolerance (%)	Remark
1423		05/04/22	U18050		GC	9.3	126.9	8.9	124.1	135.1	6	97.8	95	-2 / 2	C
1424		05/04/22	U18050		GC	9.3	126.9	8.5	123.0	133.5	6	96.9	95	-2 / 2	C
1425		05/04/22	U18050		GC	9.3	126.9	8.7	122.9	133.6	6	96.8	95	-2 / 2	C
1426		05/04/22	U18050		GC	9.3	126.9	10.7	121.6	134.6	6	95.8	95	-2 / 2	C
1427		05/05/22	U18050		GC	9.3	126.9	11.0	123.8	137.4	6	97.6	95	-2 / 2	C
1428		05/05/22	U18050		GC	9.3	126.9	9.2	120.9	132.0	6	95.3	95	-2 / 2	C
1429		05/05/22	U18050		GC	9.3	126.9	10.7	121.4	134.4	6	95.7	95	-2 / 2	C
1430		05/05/22	U18050		GC	9.3	126.9	9.9	122.5	134.6	6	96.5	95	-2 / 2	C
Test Information															
Test #	Test Location							Elevation	Reference		Gauge Make / Model / SN / Calibrated			Field Technician	
1423	Sewer Laterals: Line D STA 8+29								2nd Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher	
1424	Sewer Laterals: Line D STA 8+79								2nd Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher	
1425	Sewer Laterals: Line D STA 9+29								2nd Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher	
1426	Sewer Laterals: Line D STA 9+79								2nd Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher	
1427	Sewer Laterals: Line D STA 6+04								3rd Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher	
1428	Sewer Laterals: Line D STA 6+54								3rd Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher	
1429	Sewer Laterals: Line D STA 7+15								3rd Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher	
1430	Sewer Laterals: Line D STA 7+64								3rd Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher	
Remarks					Comments										
C: Compliant					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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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 Comp. (%)	Optimum Moisture Tolerance (%)	Remark
1431		05/05/22	U18050		GC	9.3	126.9	10.5	124.1	137.1	6	97.8	95	-2 / 2	C
1432		05/05/22	U18050		GC	9.3	126.9	8.9	124.4	135.5	6	98.0	95	-2 / 2	C
1433		05/05/22	U18050		GC	9.3	126.9	11.1	123.3	137.0	6	97.2	95	-2 / 2	C
1434		05/05/22	U18050		GC	9.3	126.9	10.9	122.9	136.3	6	96.8	95	-2 / 2	C
1435		05/05/22	U18050		GC	9.3	126.9	10.1	121.3	133.6	6	95.6	95	-2 / 2	C
1455		05/17/22	U18050		GC	9.3	126.9	9.9	124.2	136.5	6	97.9	95	-2 / 2	C
1456		05/17/22	U18050		GC	9.3	126.9	9.0	123.3	134.4	6	97.2	95	-2 / 2	C
1457		05/17/22	U18050		GC	9.3	126.9	10.3	122.8	135.4	6	96.8	95	-2 / 2	C
Test Information															
Test #	Test Location							Elevation	Reference		Gauge Make / Model / SN / Calibrated			Field Technician	
1431	Sewer Laterals: Line D STA 8+14								3rd Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher	
1432	Sewer Laterals: Line D STA 8+64								3rd Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher	
1433	Sewer Laterals: Line D STA 9+14								3rd Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher	
1434	Sewer Laterals: Line D STA 9+64								3rd Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher	
1435	Sewer Laterals: Line D STA 10+12								3rd Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher	
1455	Sewer Laterals: Line E STA 1+08								1st Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher	
1456	Sewer Laterals: Line E STA 2+06								1st Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher	
1457	Sewer Laterals: Line E STA 3+56								1st Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher	
Remarks					Comments										
C: Compliant					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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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 Comp. (%)	Optimum Moisture Tolerance (%)	Remark
1458		05/17/22	U18050		GC	9.3	126.9	10.1	123.7	136.2	6	97.5	95	-2 / 2	C
1459		05/17/22	U18050		GC	9.3	126.9	9.4	121.9	133.4	6	96.1	95	-2 / 2	C
1460		05/17/22	U18050		GC	9.3	126.9	9.3	124.1	135.6	6	97.8	95	-2 / 2	C
1461		05/17/22	U18050		GC	9.3	126.9	9.6	124.2	136.1	6	97.9	95	-2 / 2	C
1462		05/17/22	U18050		GC	9.3	126.9	11.0	123.6	137.2	6	97.4	95	-2 / 2	C
1463		05/17/22	U18050		GC	9.3	126.9	9.9	121.5	133.5	6	95.7	95	-2 / 2	C
1464		05/18/22	U18050		GC	9.3	126.9	11.2	123.5	137.3	6	97.3	95	-2 / 2	C
1465		05/18/22	U18050		GC	9.3	126.9	10.5	124.1	137.1	6	97.8	95	-2 / 2	C
Test Information															
Test #	Test Location							Elevation	Reference		Gauge Make / Model / SN / Calibrated			Field Technician	
1458	Sewer Laterals: Line E STA 1+51								2nd Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher	
1459	Sewer Laterals: Line E STA 2+56								2nd Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher	
1460	Sewer Laterals: Line E STA 4+03								2nd Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher	
1461	Sewer Laterals: Line E STA 1+08								3rd Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher	
1462	Sewer Laterals: Line E STA 2+06								3rd Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher	
1463	Sewer Laterals: Line E STA 3+59								3rd Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher	
1464	Sewer Laterals: Line E STA 1+08								4th Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher	
1465	Sewer Laterals: Line E STA 2+06								4th Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher	
Remarks					Comments										
C: Compliant					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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Phone: 210-525-9033

Compaction Evaluation

Report Date: 10/30/2023
Test Method: ASTM D6938, Tex 115E

Client:

Ashton Woods
17319 San Pedro, Ste. 140
San Antonio, TX 78232

Project:

S212171
Cordova Trails Unit 1
29.628389, -97.985009
Seguin, TX

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 Comp. (%)	Optimum Moisture Tolerance (%)	Remark
1466		05/18/22	U18050		GC	9.3	126.9	9.6	125.1	137.1	6	98.6	95	-2 / 2	C
1467		05/18/22	U18050		GC	9.3	126.9	11.1	124.1	137.9	6	97.8	95	-2 / 2	C
1468		05/18/22	U18050		GC	9.3	126.9	9.7	124.4	136.5	6	98.0	95	-2 / 2	C
1469		05/18/22	U18050		GC	9.3	126.9	10.8	123.2	136.5	6	97.1	95	-2 / 2	C
1470		05/18/22	U18050		GC	9.3	126.9	10.8	123.5	136.8	6	97.3	95	-2 / 2	C
1471		05/18/22	U18050		GC	9.3	126.9	9.7	124.4	136.5	6	98.0	95	-2 / 2	C
1472		05/18/22	U18050		GC	9.3	126.9	11.0	122.9	136.4	6	96.8	95	-2 / 2	C
1473		05/19/22	U18050		GC	9.3	126.9	10.1	123.9	136.4	6	97.6	95	-2 / 2	C
Test Information															
Test #	Test Location							Elevation	Reference		Gauge Make / Model / SN / Calibrated			Field Technician	
1466	Sewer Laterals: Line E STA 3+59								4th Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher	
1467	Sewer Laterals: Line E STA 1+51								5th Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher	
1468	Sewer Laterals: Line E STA 2+56								5th Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher	
1469	Sewer Laterals: Line E STA 4+03								5th Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher	
1470	Sewer Laterals: Line E STA 1+08								6th Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher	
1471	Sewer Laterals: Line E STA 2+06								6th Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher	
1472	Sewer Laterals: Line E STA 3+59								6th Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher	
1473	Sewer Laterals: Line A STA 17+28								1st Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher	
Remarks					Comments										
C: Compliant					Tests are "Direct Transmission" (Method A) unless probe depth is noted as "Backscatter". Gauge calibration data on file with the testing agency.										

Testing performed when called in.
InTEC did not observe the installation of the material.
Testing directed by the City Inspector when present.
Test results apply only to the specific locations and materials noted and may not represent any other locations or elevations.



InTEC of San Antonio
12028 Radium
San Antonio, TX 78216
Phone: 210-525-9033

Compaction Evaluation

Report Date: 10/30/2023
Test Method: ASTM D6938, Tex 115E

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1474		05/19/22	U18050		GC	9.3	126.9	9.0	124.8	136.0	6	98.3	95	-2 / 2	C
1475		05/19/22	U18050		GC	9.3	126.9	10.9	122.6	136.0	6	96.6	95	-2 / 2	C
1476		05/19/22	U18050		GC	9.3	126.9	10.8	127.6	141.4	6	100.6	95	-2 / 2	C
1477		05/19/22	U18050		GC	9.3	126.9	8.9	125.5	136.7	6	98.9	95	-2 / 2	C
1478		05/19/22	U18050		GC	9.3	126.9	9.9	126.7	139.2	6	99.8	95	-2 / 2	C
1479		05/19/22	U18050		GC	9.3	126.9	8.5	125.1	135.7	6	98.6	95	-2 / 2	C
1480		05/19/22	U18050		GC	9.3	126.9	9.2	123.1	134.4	6	97.0	95	-2 / 2	C
1481		05/19/22	U18050		GC	9.3	126.9	10.3	124.4	137.2	6	98.0	95	-2 / 2	C
Test Information															
Test #	Test Location							Elevation	Reference		Gauge Make / Model / SN / Calibrated			Field Technician	
1474	Sewer Laterals: Line A STA 18+27								1st Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher	
1475	Sewer Laterals: Line A STA 19+86								1st Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher	
1476	Sewer Laterals: Line A STA 17+73								2nd Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher	
1477	Sewer Laterals: Line A STA 18+77								2nd Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher	
1478	Sewer Laterals: Line A STA 20+30								2nd Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher	
1479	Sewer Laterals: Line A STA 17+28								3rd Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher	
1480	Sewer Laterals: Line A STA 18+27								3rd Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher	
1481	Sewer Laterals: Line A STA 19+86								3rd Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher	
Remarks					Comments										
C: Compliant					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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1482		05/24/22	U18050		GC	9.3	126.9	9.6	125.1	137.1	6	98.6	95	-2 / 2	C
1483		05/24/22	U18050		GC	9.3	126.9	9.9	125.5	137.9	6	98.9	95	-2 / 2	C
1484		05/24/22	U18050		GC	9.3	126.9	9.0	127.7	139.2	6	100.6	95	-2 / 2	C
1485		05/24/22	U18050		GC	9.3	126.9	10.6	127.0	140.5	6	100.1	95	-2 / 2	C
1486		05/24/22	U18050		GC	9.3	126.9	10.2	126.3	139.2	6	99.5	95	-2 / 2	C
1487		05/24/22	U18050		GC	9.3	126.9	10.0	125.1	137.6	6	98.6	95	-2 / 2	C
Test Information															
Test #	Test Location							Elevation	Reference		Gauge Make / Model / SN / Calibrated			Field Technician	
1482	Sewer Laterals: Line A STA 17+28								4th Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher	
1483	Sewer Laterals: Line A STA 18+27								4th Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher	
1484	Sewer Laterals: Line A STA 19+86								4th Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher	
1485	Sewer Laterals: Line A STA 17+73								5th Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher	
1486	Sewer Laterals: Line A STA 18+77								5th Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher	
1487	Sewer Laterals: Line A STA 20+30								5th Lift		Troxler / 3430P / 76814 / 06/06/2021			Morrison, Christopher	
Remarks					Comments										
C: Compliant					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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