



March 3, 2010

Ms. Susan J. Pelz, P.E.
Florida Department of Environmental Protection
Southwest District
13051 North Telecom Parkway
Temple Terrace, Florida 33637-0926

Dept. of Environmental Protection

MAR 04 2010

Southwest District

Subject: Letter of Transmittal
Addendum Number 1 to Certification of Construction Completion Report
Central County Solid Waste Disposal Complex (CCSWDC)
Cells 1-4 of Phase II Class I Landfill
Sarasota County, Florida
FDEP Construction Permit Number 130542-006-SC/01

Dear Ms. Pelz:

On behalf of Sarasota County (County), HDR Engineering, Inc. (HDR) hereby submits four original copies of Addendum Number 1 to the Certification of Construction Completion Reports (Report) for the CCSWDC, Cells 1 through 4, of the Phase II, Class I Landfill Expansion Construction Project, previously submitted to the FDEP on February 12, 2010. As requested by Mr. Steven Morgan of the FDEP, Addendum Number 1 provides additional information to the Construction Quality Assurance documentation prepared by Ardaman and Associates. In particular, Addendum Number 1 includes the Daily Trial Weld Logs, Panel Seaming Logs, and the Non-Destructive Testing Logs for the primary and secondary HDPE geomembrane liners. All four copies of Addendum Number 1 have been signed and sealed by a Professional Engineer, licensed in the state of Florida.

As stated in the original transmittal, the County wishes to receive the Phase II operations permit on or before April 1, 2010, to begin flooring out a portion of Phase II, Cell 1, in the event of severe storms and/or a hurricane during the upcoming summer months. Therefore, your timely review and approval of the enclosed Report would be greatly appreciated. Please let us know if you require additional information and/or clarifications.

Ms. Susan J. Pelz, P.E.

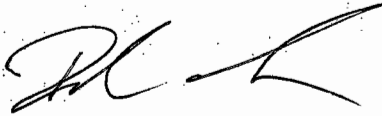
March 3, 2010

Page 2

Please contact me directly with any questions at (813) 262-2776 or my mobile telephone (813) 270-8058 with any questions.

Sincerely,

HDR ENGINEERING, INC.



Richard Siemering
Solid Waste Section Manager

Enclosures

cc: Spencer Anderson, P.E. – Sarasota County
Jack Gibson, Sarasota County
Gary Bennett, Sarasota County
Lois Rose, Sarasota County

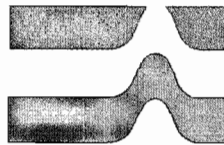
Dept. of Environmental Protection

MAR 4 2010

Southwest District

**Construction Quality Assurance Report
for CCSWDC, Phase II
Sarasota County, Florida**

ADDENDUM 1



Ardaman & Associates, Inc.

Dept. of Environmental Protection

MAR 04 2010

Southwest District

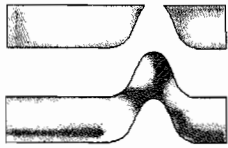
OFFICES

Orlando, 8008 S. Orange Avenue, Orlando, Florida 32809, Phone (407) 855-3860
Bartow, 1525 Centennial Drive, Bartow, Florida 33830, Phone (863) 533-0858
Cocoa, 1300 N. Cocoa Boulevard, Cocoa, Florida 32922, Phone (321) 632-2503
Fort Myers, 9970 Bavaria Road, Fort Myers, Florida 33913, Phone (239) 768-6600
Miami, 2608 W. 84th Street, Hialeah, Florida, 33016, Phone (305) 825-2683
Port Charlotte, 740 Tamiami Trail, Unit 3, Port Charlotte, Florida 33954, Phone (941) 624-3393
Port St. Lucie, 460 NW Concourse Place, Unit #1, Port St. Lucie, Florida 34986-2248, Phone (772) 878-0072
Sarasota, 78 Sarasota Center Boulevard, Sarasota, Florida 34240, Phone (941) 922-3526
Tallahassee, 3175 West Tharpe Street, Tallahassee, Florida 32303, Phone (850) 576-6131
Tampa, 3925 Coconut Palm Drive, Suite 115, Tampa, Florida 33619, Phone (813) 620-3389
West Palm Beach, 2511 Westgate Avenue, Suite 10, West Palm Beach, Florida 33409, Phone (561) 687-8200

MEMBERS:

A.S.F.E.

**American Concrete Institute
American Society for Testing and Materials
Florida Institute of Consulting Engineers**



Ardaman & Associates, Inc.

Geotechnical, Environmental and
Materials Consultants

February 26, 2010
Ardaman File No. 08-7709

Sarasota County Government
Environmental Services – Program Management
1001 Sarasota Center Boulevard
Sarasota, Florida 34240

Attention: Mr. Jack Gibson

Subject: **Addendum 1 to Construction Quality Assurance Report
CCSWDC, Phase II
Sarasota County, Florida**

Dear Mr. Gibson:

As requested and authorized by **Sarasota County Government**, Ardaman & Associates, Inc. (Ardaman) has performed Construction Quality Assurance (CQA) reviews, inspections and testing for the Central County Solid Waste Disposal Complex (CCSWDC) Class I Landfill Expansion in Sarasota County, Florida. Our Construction Quality Assurance Report for the project was documented by our report dated February 10, 2010 (Ardaman File No. 08-7709).

This report is an addendum to our February 10, 2010, report and presents additional information requested by the Florida Department of Environmental Protection (FDEP). Specifically, this includes the Daily Trial Weld Logs, the Panel Seaming Logs and the Non-Destructive Testing Logs for the primary and secondary HDPE geomembrane liners.

Ardaman appreciates this opportunity to be of service to you and looks forward to maintaining our professional relationship as the project concludes. If you have any questions regarding the contents of this report, please do not hesitate to contact our office.

Very truly yours,
Ardaman & Associates, Inc.
Certificate of Authorization No. 5950

Craig G. Obrecht, P.E.
Senior Project Engineer
Florida License No. 55451

CGO/JHK:jk

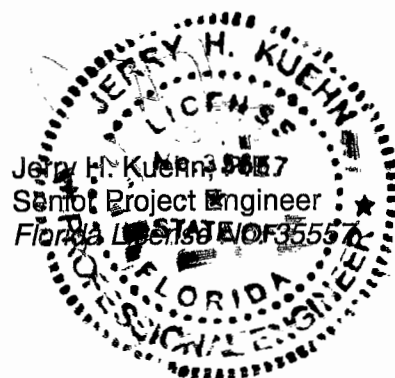


TABLE OF CONTENTS

<u>Section</u>	<u>Title</u>	<u>Page</u>
1.0	INTRODUCTION	1
2.0	ADDITIONAL INFORMATION FOR H.D.P.E. GEOMEMBRADE LINER	1
2.1	Daily Trial Weld Logs.....	1
2.2	Panel Seaming and Non-Destructive Testing Logs.....	2
3.0	CONCLUSIONS	2

LIST OF APPENDICES

<u>Appendix</u>	<u>Title</u>
1	Daily Trial Weld Logs
2	Panel Seaming Logs – Secondary Liner
3	Panel Seaming Logs – Primary Liner
4	Non-Destructive Testing Logs – Secondary Liner
5	Non-Destructive Testing Logs – Primary Liner

1.0 INTRODUCTION

The Phase II expansion of the Class I landfill consisted of four (4) cells and included a composite liner system, leak detection, and leachate collection and handling facilities. Ardaman & Associates, Inc. (Ardaman) provided Construction Quality Assurance (CQA) services to Sarasota County Government for the project. The CQA services are required by the permit and the required services are documented in the CQA Plan and the project plans and specifications prepared by the Design Engineer, HDR Engineering, Inc.

Ardaman's CQA report was documented by our report dated February 10, 2010 (Ardaman file No. 08-7709), which has been submitted to the Florida Department of Environmental Protection (FDEP) for review. Additional information has been requested by the FDEP and is included in this addendum to our earlier report. Specifically, the FDEP has requested the "Trial Seam Logs" and the "Production Seam and Non-Destructive Testing Summary Logs" for the primary and secondary HDPE geomembrane liners. These are included in the Appendices of this report and additional information is provided below. Please refer to our earlier report for other data and information concerning CQA for the geomembrane liner and other construction.

2.0 ADDITIONAL INFORMATION FOR H.D.P.E. GEOMEMBRANE LINER

Routine seaming between adjacent HDPE liner panels was performed by Geo-Synthetics, Inc. (GSI) using the double wedge fusion technique. Extrusion welding was used for liner repairs and in areas where the fusion welding machine could not be used, such as around a tight space. All liner seams were tested non-destructively (i.e., air channel test for double wedge fusion welds; vacuum box or spark test for extrusion welds) in the field by GSI under the observation of the Ardaman field representatives, and destructively (i.e., peel and shear tests) in the field by GSI and at the Ardaman laboratory to verify compliance with the project specifications.

The liner panel placement logs for the primary and secondary HDPE liners, as recorded by Ardaman's field representatives, were included in Appendix 21 of our previous report. The destructive test results performed by Ardaman were included in Tables 6 and 7 of our previous report. The record drawings prepared by GSI for the secondary and primary liners were included as Figures RD-5 and RD-6 of our previous report.

2.1 Daily Trial Weld Logs

Ardaman's field representatives observed daily qualifying test welds performed by GSI and recorded the test weld results. The Daily Trial Weld Logs are included in **Appendix 1** of this report. Please note the following:

- In the "Machine Number" column, a machine number starting with "W" indicates a double wedge fusion welder. An "X" indicates an extrusion welder.
- The "Type Mat." column, "S" indicates the material was smooth liner and "T" indicates textured liner. "ST" indicates the weld was on the smooth edge of the textured liner sheets.
- All temperatures are in degrees Fahrenheit.
- In the Sp/PH column, the "Sp" is the speed (feet per minute) of the double wedge fusion welder, or "PH" is the preheat temperature of the extrusion welder.



The only smooth liner on the project was where the textured Phase 2 liner joins the smooth Phase 1 liner. Test sections were cut and removed from the smooth Phase 1 liner for use, as needed, in the daily trial welds.

2.2 Panel Seaming and Non-Destructive Testing Logs

All panel seaming and non-destructive testing was performed under the observation of the Ardaman field representatives. The panel seaming logs and non-destructive testing logs were maintained by GSI's field CQC personnel and reviewed by Ardaman's CQA field representative.

GSI's Panel Seaming Logs for Cell 1 are included in **Appendix 2** and the logs for Cells 2 to 4 are included in **Appendix 3** of this report. GSI's Non-Destructive Testing Logs for Cell 1 are included in **Appendix 4** and the logs for Cells 2 to 4 are included in **Appendix 5** of this report.

3.0 CONCLUSIONS

This report documents the HDPE geomembrane liner Daily Trial Weld Logs, the Panel Seaming Logs and the Non-Destructive Testing Logs, as part of the overall CQA program. Based upon the results documented herein and in our earlier report, it is our professional opinion that the primary and secondary geomembrane liners for the CCSWDC, Phase II, Class I Landfill were constructed in substantial conformance with the specification requirements.



APPENDIX 1

Daily Trial Weld Logs

(blank)



Ardaman & Associates, Inc

Geotechnical, Environmental and
Materials Consultants

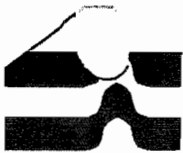
Daily Trial Weld Log

PROJECT: C.C.S.W.D.C. (Sarasota Landfill)
 CLIENT: Sarasota County
 Field Rep: MIKE EILHORN

FILE NO. 08-7709

Extrusion = 78

Test #	Date	Time	Weld Tech	Machine Number	Type Mat.	Amb. Temp	Mach Settings		Peel Specification (Fusion)			Shear Spec.				FTB	P / F
							Temp	Sp/PH	In / Out	In / Out	91 ppi In / Out	120 ppi SH		SH	SH		
1	04.27.09	15:30	V.C.I.	W-84	ST/ST	90°	750	5.0	125 / 124	125 / 129	130 / 128	161	180			YES	PASS
2	04.27.09	16:00	N.S.	W-71	ST/ST	91°	750	6.0	125 / 128	135 / 129	133 / 134	176	180			YES	PASS
3	04.27.09	16:25	S.S.	W-75	ST/ST	90°	750	5.5	115 / 124	121 / 126	126 / 126	182	161			YES	PASS
4	04.28.09	8:57	V.C.I.	W-84	S/T	73°	750	4.5	91 / 131	122 / 137	138 / 132	173	170			YES	PASS
5	04.28.09	13:21	V.C.I.	W-84	ST/ST	87°	750	5.0	122 / 132	119 / 139	123 / 132	171	175			YES	PASS
6	04.28.09	13:36	N.S.	W-71	ST/ST	86°	750	6.0	123 / 136	117 / 130	133 / 134	177	179			YES	PASS
7	04.28.09	13:35	S.S.	W-75	ST/ST	87°	750	6.0	129 / 109	127 / 139	125 / 125	176	171			YES	PASS
8	04.28.09	16:25	V.M.	X-75	T/T	86°	250	250	132 /	136 /	135 /	152	161			YES	PASS
9	04.28.09	16:25	V.M.	X-75	ST/T	86°	250	250	130 /	112 /	131 /	150	163			YES	PASS
10	04.29.09	7:50	V.M.	X-75	T/T	67°	250	250	130 /	150 /	146 /	172	176			YES	PASS
11	04.29.09	7:50	V.M.	X-75	S/T	67°	250	250	130 /	127 /	129 /	171	188			YES	PASS
									/	/	/						
									/	/	/						
									/	/	/						
									/	/	/						
									/	/	/						
									/	/	/						
									/	/	/						
									/	/	/						
									/	/	/						
									/	/	/						
									/	/	/						
									/	/	/						



Ardaman & Associates, Inc

Geotechnical, Environmental and
Materials Consultants

Daily Trial Weld Log

PROJECT: CCSWDC (Sarasota Landfill)
 CLIENT: Sarasota County
 Field Rep: Mike Eggleston

FILE NO. 08-7709

Extraction 70 ppi

Test #	Date	Time	Weld Tech	Machine Number	Type Mat.	Amb. Temp	Mach Settings		Peel Specification Fusion 91 ppi			Shear Spec. 120 ppi				FTB	P/F
							Temp	Sp/PH	In / Out	In / Out	In / Out	SH	SH	SH	SH		
1	4-29-09	13:35	V.M.	75	ST/T	87	250	2.5	132 -	134 -	143 -	161	-	160	-	YES	PASS
1	4-29-09	13:35	V.M.	75	T/T	87	250	2.5	135 -	136 -	136 -	160	-	160	-	YES	PASS
1	4-29-09	13:30	V.C.I.	W-84	ST/ST	87	750	5.0	126 126	124 127	130 125	176	-	170	-	YES	PASS
1	4-29-09	13:22	S.S.	W-75	ST/ST	86	750	6.0	130 130	132 131	141 128	182	-	171	-	YES	PASS
1	4-29-09	14:00	V.S.	71	ST/ST	87	750	5.5	124 Error 127 128	136 134	133 137	163	-	170	-	YES	PASS
1	4-29-09	14:00	K.S.	72	T/T	88	750	5.6	136 137	134 135	129 138	161	-	154	-	YES	PASS
1	4-29-09	14:00	K.S.	72	ST/ST	87	750	6.1	133 135	133 132	137 129	168	-	167	-	YES	PASS
1	4-29-09	14:00	K.S.	72	ST/T	86	750	5.8	134 134	137 134	138 139	164	-	160	-	YES	PASS
1	4-29-09	14:49	F.S.	W-80	ST/ST	87	750	6.0	130 129	124 126	121 126	162	-	159	-	YES	PASS
1	4-29-09	14:53	F.S.	W-80	T/T	87	750	5.7	142 127	132 126	130 129	142	-	144	-	YES	PASS
1	4-30-09	8:15	V.M.	X75	S/ST	70	250	250	108 -	114 -	114 -	191	-	191	-	Y	P
1	4-30-09	8:20	V.M.	X75	ST/ST	70	250	250	159 -	121 -	154 -	173	-	181	-	Y	P
1	4-30-09	8:45	V.C.I.	W-84	S/ST	72	750	4.5	120 141	141 141	141 75% ped					N	F
2	4-30-09	9:20	V.C.I.	W-72	S/T	75	750	5.0	133 108	116 110	141 109	166	-	153	-	Y	P
1	4-30-09	9:50	V.S.	71	ST/ST	78	750	5.5	132 140	127 140	134 143	177	-	171	-	Y	P
1	4-30-09	10:41	S.S.	X75	ST/ST	81	750	5.5	142 130	134 132	123 127	165	-	178	-	Y	P
1	4-30-09	13:30	V.M.	X75	ST/ST	88	250	250	121 -	142 -	14 -	164	-	146	-	Y	P
1	4-30-09	14:01	V.C.I.	W-85	ST/ST	91	750	5.0	114 134	110 126	111 136	159	-	158	-	Y	P



Daily Trial Weld Log

PROJECT: CCSWDC (SARASOTA LANDFILL)
 CLIENT: SARASOTA COUNTY
 Field Rep: ANTONIO VARGAS

FILE NO. 08-7709

EXTRUSION ≥ 70 PPI

RE-TEST

Test #	Date	Time	Weld Tech	Machine Number	Type Mat.	Amb. Temp	Mach Settings		Fusion / Peel Specification ≥ 91 PPI			Shear Spec. ≥ 120 ppi				FTB	P / F
							Temp	Sp/PH	In / Out	In / Out	In / Out	SH	SH	SH	SH		
1	04.30.09	14:00	V.S	W-71	ST/ST	89	750	5.5	119 / 145	118 / 143	108 / 125	159	-	165	-	YES	PASS
1	04.30.09	14:08	S.S	W-75	ST/ST	89	750	5.5	117 / 125	123 / 119	125 / 124	164	-	161	-	YES	PASS
1	04.30.09	14:50	K.S.	W-72	ST/ST	88	750	6.1	121 / 124	125 / 128	123 / 134	163	-	158	-	YES	PASS
1	05.01.09	7:50	V.C.I	W-85	T/T	66	750	4.5	150 / 192	132 / 140	128 (Failed)	-	-	-	-	NO	Failed
1	05.01.09	8:15	V.M.	X-75	T/T	69	250	250	141 / -	141 / -	142 / -	187	-	187	-	YES	PASS
2	05.01.09	8:20	V.M	X-75	ST/ST	69	250	250	137 / -	149 / -	149 / -	178	-	181	-	YES	PASS
1	05.01.09	8:31	V.C.I	W-85	T/T	70	750	4.0	145 / 138	145 / 147	137 / 130	178	-	179	-	YES	PASS
1	05.01.09	9:45	VS	W-71	ST/ST	77	750	5.5	128 / 136	129 / 142	135 / 146	160	-	176	-	Y	P
1	05.01.09	10:0	SS	W-75	ST/ST	79	750	6.0	127 / 120	120 / 138	133 / 121	172	-	178	-	Y	P
1	05.01.09	10:20	VCL	W-72	ST/ST	80	750	5.5	121 / 125	133 / 129	125 / 129	174	-	170	-	Y	P
1	05.01.09	13:00	VS	W-71	ST/ST	87	750	6.0	140 / 118	134 / 119	134 / 130	183	-	163	-	Y	P
1	05.01.09	13:10	VM	X-75	T/T	87	250	250	111 / -	133 / -	131 / -	144	-	138	-	Y	P
1	05.01.09	13:25	SS	W-75	ST/ST	86	750	6.0	123 / 128	125 / 119	127 / 129	157	-	166	-	Y	P
1	05.01.09	13:30	VCL	W-72	ST/ST	88	750	5.5	124 / 126	132 / 121	132 / 131	177	-	178	-	YES	PASS
1	05.01.09	16:5	VS	W-90	ST/ST	86	750	6.0	121 / 131	123 / 130	121 / 131	174	-	165	-	Yes	PASS
1	05.02.09	8:45	VM	X-75	ST/ST	74	750	6.0	135 / -	144 / -	149 / -	173	-	168	-	Yes	Pass
1	05.02.09	8:50	VM	X-75	ST/T	74	750	250	150 / -	150 / -	146 / -	174	-	183	-	Yes	Pass
1	05.02.09	9:25	VCL	W-72	ST/ST	80	750	5.5	121 / 131	123 / 134	121 / 126	174	-	170	-	Yes	Pass



Ardaman & Associates, Inc

Geotechnical, Environmental and
Materials Consultants

Daily Trial Weld Log

PROJECT:

CCSWDC

CLIENT:

Sarasota County

Field Rep:

Antonio Vargas / Mike Milhorn

FILE NO. 08-7709

Extrusion 78

Test #	Date	Time	Weld Tech	Machine Number	Type Mat.	Amb. Temp	Mach Settings		Peel Specification			Shear Spec.		120 ppl		FTB	P/F
							Temp	Sp/PH	In / Out	In / Out	91 ppl In / Out	SH	SH	SH	SH		
1	04-27-09	1530	VCI	W-84	ST/ST	70°	750	5.0	125 / 124	125 / 124	1					VOID	
1	05-02-09	10:00	SS	W-75	/	81	750	6.0	111 / 117	121 / 108	119 / 117	174	-	158	-	Yes	Pass
1	05-02-09	11:03	F.S.	W-90	ST/ST	87	750	5.7	120 / 136	118 / 118	148 / 122	162	-	175	-	Y	P
1	05-02-09	13:00	VCI	W-72	ST/ST	86	750	5.5	115 / 123	131 / 126	116 / 121	162	-	161	-	Yes	Pass
1	05-02-09	13:15	VM	X-75	T/T	84	750	250	148 / -	142 / -	147 / -	160	-	162	-	Yes	Pass
1	05-02-09	13:25	SS	W-75	ST/ST	91	750	6.0	123 / 120	120 / 119	121 / 120	169	-	165	-	Yes	Pass
1	05-02-09	13:53	F.S.	W-80	ST/ST	93	750	5.7	125 / 129	121 / 128	121 / 129	159	-	162	-	Yes	Pass
1	05-02-09	16:50	KS	W-93	ST/ST	84	750	5.5	125 / 124	127 / 124	131 / 126	162	-	155	-	Yes	Pass
1	05-02-09	18:00	SS	W-75	T/T	82	750	5.0	127 / 128	129 / 122	122 / 134					No	Failed
2	05-02-09	18:30	SS	W-75	T/T	84	750	4.0	114 / 127	118 / 136	122 / 134	179	-	181	-	Yes	Pass
1	05-02-09	18:40	F.S.	W-80	T/T	83	750	4.5	127 / 128	127 / 136	131 / 129	181	-	177	-	Yes	Pass
1	05-03-09	7:45	VM	X-75	T/T	71	750	250	143 / -	144 / -	141 / -	176	-	172	-	Yes	Pass
1	05-03-09	7:50	VM	X-75	ST/T	71	750	250	151 / -	133 / -	147 / -	174	-	182	-	Yes	Pass
1	05-03-09	10:10	VCI	W-72	ST/ST	81	750	5.0	132 / 123	133 / 121	121 / 142	180	-	198	-	Yes	Pass
1	05-03-09	10:17	SS	W-75	ST/ST	81	750	6.0	135 / 138	132 / 128	127 / 128	152	-	169	-	Yes	Pass
1	05-03-09	11:20	VCI	W-72	ST/T	84	750	5.0	120 / 131	123 / 136	126 / 128	178	-	169	-	Yes	Pass
1	05-03-09	11:31	VCI	W-72	T/T	84	750	4.5	124 / 135	133 / 143	131 / 128	175	-	173	-	Yes	Pass
	05-03-09	13:30	VM	X-75	T/T	87	750	250	126 / -	133 / -	130 / -	149	-	149	-	Yes	Pass



Daily Trial Weld Log

PROJECT:

CCSWAC

CLIENT:

Sarasota County

Field Rep:

Mike Milhorn

FILE NO. 08-7709

E-78

Test #	Date	Time	Weld Tech	Machine Number	Type Mat.	Amb. Temp	Mach Settings		Peel Specification F-91 ppi			Shear Spec.		120 ppi		FTB	P/F			
							Temp	Sp/PH	In/Out	In/Out	In/Out	SH	SH	SH	SH					
1	05.03.09	14:43	FS	X-75	T/T	87	250	250	139	1	1	1								
1	05.04.09	7:45	UM	X-75	ST/T	71	250	250	139	1	129	1	137	1	198	190	Yes	Pass		
1	05.04.09	7:59	UM	X-75	ST/T	71	250	250	134	1	144	1	131	1	185	182	Yes	Pass		
1	05.04.09	8:55	UCI	W-72	ST/ST	81	750	5.5	132	1	138	1	127	128	1129	180	159	Yes	Pass	
1	05.04.09	9:00	SS	W-75	ST/ST	81	750	6.0	129	1	150	1	136	119	1138	159	189	Yes	Pass	
1	05.04.09	13:00	UCI	W-72	ST/ST	87	750	5.5	117	1	126	1	118	124	1119	125	132	Yes	Pass	
1	05.04.09	13:00	SS	W-75	ST/ST	87	750	6.0	119	1	120	1	122	120	1121	127	159	Yes	Pass	
1	05.04.09	13:05	SS	W-75	ST/T	87	750	6.0	119	1	123	1	126	133	1124	162	169	Yes	Pass	
1	05.04.09	14:35	UCI	W-72	T/T	87	750	4.5	141	1	137	1	127	131	1130	154	162	Yes	Pass	
1	05.04.09	16:25	FS	W-80	ST/ST	85	750	6.0	128	1	126	1	125	126	1118	172	160	Yes	Pass	
1	05.04.09	16:35	FS	W-80	T/T	85	750	5.7	141	1	129	1	130	139	1129	157	163	Yes	Pass	
1	05.05.09	7:50	UM	X-75	T/T	72	250	250	107	1	107	1	120	1	122	1	172	172	Yes	Pass
1	05.05.09	7:55	UM	X-75	ST/T	72	250	250	117	1	128	1	113	1	189	179	Yes	Pass		
1	05.05.09	8:00	UCI	W-72	ST/ST	72	750	5.5	146	1	132	1	127	140	1125	170	170	Yes	Pass	
1	05.05.09	8:05	UCI	W-72	ST/ST	72	750	4.5	121	1	125	1	121	130	1124	160	171	Yes	Pass	
1	05.05.09	8:10	SS	W-75	ST/ST	76	750	6.0	122	1	132	1	127	120	1128	180	175	Yes	Pass	
1	05.05.09	8:30	FS	W-80	ST/ST	77	750	6.0	140	1	127	1	121	124	1120	173	175	Yes	Pass	
1	05.05.09	8:38	FS	W-80	T/T	77	750	5.7	128	1	128	1	132	129	1123	168	166	Yes	Pass	



Daily Trial Weld Log

PROJECT: CCSWAE

CLIENT: _____

Field Rep: MIKE MILHORN

FILE NO. 18-7709

EXPANSION FB

Test #	Date	Time	Weld Tech	Machine Number	Type Mat.	Amb. Temp	Mach Settings		2050 Peel Specification			Shear Spec.				FTB	P/F
							Temp	Sp/PH	91	82 ppi	SH	SH	SH	SH			
1	05.05.09	8:30	TS	W-85	ST/ST	78	750	5.5	120 / 112	130 / 122	117 / 131	187	-	194	-	Yes	Pass
1	05.05.09	8:40	TS	W-85	T/T	78	750	4.5	125 / 117	131 / 117	126 / 130	159	-	162	-	Yes	Pass
1	05.05.09	12:49	FS	W-80	T/ST	84	750	6.0	130 / 125	130 / 120	121 / 120	153	-	157	-	Yes	Pass
1	05.05.09	12:55	TS	W-85	T/T	84	750	4.0	110 / 113	113 / 106	120 / 120	152	-	151	-	Yes	Pass
1	05.05.09	13:00	VM	X-75	T/T	85	250	250	129 / -	143 / -	142 / -	146	-	153	-	Yes	Pass
1	05.05.09	13:00	DK	X-69	T/T	85	265	250	126 / -	127 / -	130 / -	144	-	143	-	Yes	Pass
1	05.05.09	15:15	TS	W-85	ST/ST	84	750	5.5	104 / 124	126 / 105	111 / 123	148	-	151	-	Yes	Pass
1	05.05.09	15:23	TS	W-85	T/T	84	750	4.5	115 / 112	115 / 110	124 / 111	150	-	140	-	Yes	Pass
1	05.05.09	15:10	UCI	W-72	ST/ST	84	750	5.5	120 / 120	125 / 121	120 / 130	156	-	151	-	Yes	Pass
1	05.05.09	15:15	SS	W-75	ST/ST	84	750	6.0	118 / 127	115 / 105	118 / 131	167	-	155	-	Yes	Pass
1	05.06.09	7:45	F.S	W-80	T/T	79	750	5.7	138 / 128	113 / FAILED						NO	FAIL
1	05.06.09	8:10	D.K	X-69	T/T	79	265	250	140 / 122	150 / -	148 / -	160	-	165	-	Y	P
2	05.06.09	8:43	F.S	W-80	T/T	86	750	5.7	133 / 142	135 / 137	131 / 136					NO	F
1	05.06.09	13:00	DK	X-69	T/T	86	265	250	123 / -	121 / -	123 / -	145	-	140	-	Y	P
1	05.06.09	13:30	VM	X-75	T/T	86	250	250	118 / -	104 / -	121 / -	150	-	152	-	Y	P
1	05.06.09	14:29	S.S.	W-75	ST/ST	93	750	6.0	126 / 128	128 / 125	122 / 124	186	-	179	-	Y	P
1	05.06.09	14:35	V.C.I	W-72	ST/ST	93	750	5.5	121 / 126	127 / 126	119 / 134	186	-	183	-	Y	P
1	05.06.09	14:45	TS	W-85	T/T	93	750	4.5	132 / 129	123 / 131	123 / 133	198	-	168	-	Y	P



Ardaman & Associates, Inc

Geotechnical, Environmental and
Materials Consultants

Daily Trial Weld Log

PROJECT: CCSWAC
CLIENT: _____
Field Rep: MICHAEL MILHORN

FILE NO. 08-7709

EXTRUSION 78 PPI

Test #	Date	Time	Weld Tech	Machine Number	Type Mat.	Amb. Temp	Mach Settings		Tension/Peel Specification			Shear Spec.				FTB	P/F
							Temp	Sp/PH	91 In/Out	82 ppi In/Out	120 ppi SH	SH	SH	SH			
1	05.06.09	14:40	TS	W-85	ST/ST	93	750	5.5	118/1109	115/1110	117/1114	183	-	117	-	Y	P
1	05.06.09	17:40	TS	W-85	ST/T	81	750	4.5	115/142	122/144	109/125.7	176	-	174	-	Y	P
1	05.08.09	7:50	VM	X-75	T/T	71	250	250	138/1	151/1	139/1	170	-	165	-	Y	P
1	05.02.09	8:00	VM	Y-75	ST/T	71	250	250	121/1	126/1	118/1	193	-	177	-	Y	P
1	05.02.09	7:47	UCI	W-72	T/T	73	750	4.5	138/1144	137/1135	131/1138	200	-	202	-	Y	P
1	05.02.09	7:50	UCI	W-77	ST/ST	73	750	5.5	124/123	127/122	131/122	203	-	178	-	Y	P
1	05.07.09	9:00	SS	W-75	ST/ST	78	750	6.0	115/132	116/120	119/141	173	-	174	-	Y	P
1	05.07.09	9:05	SS	W-75	ST/T	78	750	6.0	133/122	128/133	135/1118	184	-	164	-	Y	P
1	05.07.09	9:25	TS	W-85	T/T	80	750	5.0	114/122	123/122	120/131	153	-	158	-	Y	P
1	05.07.09	9:30	TS	W-85	ST/T	80	750	6.0	128/125	123/121	128/129	150	-	163	-	Y	P
1	05.07.09	13:00	TS	W-85	T/T	55	750	5.0	115/124	108/124	124/117	146	-	148	-	Y	P
1	05.07.09	13:05	VM	X-75	T/T	87	250	25	133/1	137/1	134/1	156	-	155	-	Y	P
1	05.07.09	14:00	SM	X-79	T/T	93	287	279	101/1	109/1	129/1	146	-	145	-	Y	P
1	05.08.09	8:10	VM	X-79	T/T	72	250	250	106/1	125/1	131/1	170	-	170	-	Y	P
1	05.08.09	8:15	VM	X-79	ST/T	72	250	250	125/1	123/1	119/1	183	-	190	-	Y	P
1	05.08.09	13:30	VM	X-75	T/T	85	250	250	144/1	150/1	147/1	156	-	159	-	X	P
1	05.12.09	8:21	SS	W-75	ST/ST	80	750	5.5	109/1145	122/109	117/128	197	-	173	-	Y	P
1	05.12.09	8:25	UCI	W-72	ST/ST	80	750	5.5	138/142	137/129	130/141	209	-	182	-	Y	P



Ardaman & Associates, Inc

Geotechnical, Environmental and
Materials Consultants

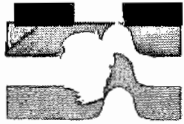
Daily Trial Weld Log

PROJECT: CCSWDC
CLIENT: _____
Field Rep: Michael Milhorn

FILE NO. 08-7709

Est. 78

Test #	Date	Time	Weld Tech	Machine Number	Type Mat.	Amb. Temp	Mach Settings		Peel Specification <i>Sec. 91</i> 92 ppi			Shear Spec. 120 ppi				FTB	P/F
							Temp	Sp/PH	In/Out	In/Out	In/Out	SH	SH	SH	SH		
1	05.12.09	8:20	TS	W-85	ST/ST	83	750	5.5	135/132	121/132	120/128	176	-	183	-	Y	D
1	05.12.09	9:05	MS	W-87	ST/ST	83	750	6.0	96/130	90/peel	1/1					N	F
1	05.12.09	9:25	SP	W-73	ST/ST	84	750	6.0	132/127	122/121	117/121	170	-	169	-	Y	P
2	05.12.09	9:45	MS	W-87	ST/ST	88	750	5.5	112/116	112/110	118/115	162	-	166	-	Y	P
1	05.12.09	13:36	VLT	W-72	ST/ST	93	750	5.5	116/109	112/120	118/121	167	-	147	-	Y	P
1	05.12.09	13:50	VM	X-75	T/T	94	250	250	157/1-	154/1-	147/1-	123	-	163	-	Y	P
1	05.12.09	13:32	MS	W-87	ST/ST	95	750	5.5	120/122	119/121	112/115	155	-	153	-	Y	P
1	05.12.09	14:00	SS	W-75	ST/ST	94	750	7.0	124/121	120/116	120/123	150	-	156	-	Y	P
1	05.12.09	14:08	SP	W-73	ST/ST	94	750	6.0	114/119	115/120	115/124	157	-	152	-	Y	P
1	05.12.09	14:30	TS	W-88	ST/ST	95	750	5.5	116/122	120/126	122/117	150	-	153	-	Y	P
1	05.12.09	14:35	TS	W-81	T/T	95	250	4.5	129/128	120/130	130/122	141	-	146	-	Y	P
1	05.13.09	7:45	VM	X-75	ST/ST	71	250	250	128/1-	107/1-	122/1-	176	-	175	-	Y	P
1	05.13.09	7:55	VM	X-75	T/T	71	250	250	123/1-	124/1-	128/1-	177	-	172	-	Y	P
1	05.13.09	7:59	MS	W-87	ST/ST	73	750	5.5	123/129	119/122	122/124	183	-	184	-	Y	P
1	05.13.09	8:05	SP	W-73	ST/ST	74	750	6.0	130/135	133/131	128/131	187	-	188	-	Y	P
1	05.13.09	8:05	SS	W-88	ST/ST	74	750	5.5	126/132	120/121	126/126	179	-	182	-	Y	P
1	05.13.09	8:10	SS	W-88	T/T	76	750	4.5	145/134	137/130	137/104	171	-	171	-	Y	P
1	05.13.09	7:48	VCS	W-72	ST/ST		750	5.5	120/131	136/124	128/135	179	-	181	-	Y	P



Daily Trial Weld Log

PROJECT: CR SWDC
 CLIENT: _____
 Field Rep: Michael McIlhenny

EXTRUSION 78.

FILE NO. 08-7709

Test #	Date	Time	Weld Tech	Machine Number	Type Mat.	Amb. Temp	Mach Settings		Peel Specification			Shear Spec.				FTB	P/F
							Temp	Sp/PH	77	82 ppi	120 ppi	SH	SH	SH	SH		
1	05.13.09	8:10	SS	W-75	ST/ST	77	750	5.5	132 121	123 131	126 129	181	-	193	-	Y	P
1	05.13.09	13:00	VM	X-75	T/T	73	250	250	148 -	152 -	131 -	151	-	158	-	Y	P
1	05.13.09	13:00	SP	W-73	ST/ST	94	750	6.0	124 125	128 122	131 133	148	-	157	-	Y	P
1	05.13.09	13:04	MS	W-P7	ST/ST	92	750	5.5	122 132	116 124	124 117	152	-	150	-	Y	P
1	05.13.09	13:07	SP	W-73	ST/ST	92	750	4.5	115 119	127 120	121 118	154	-	172	-	Y	P
1	05.13.09	13:05	TS	W-88	ST/ST	91	750	5.5	125 123	123 125	128 125	155	-	153	-	Y	P
1	05.13.09	13:00	TS	W-88	T/T	90	750	4.5	132 120	117 122	123 123	165	-	150	-	Y	P
1	05.13.09	13:04	SS	W-75	ST/ST	88	750	7.0	121 	117 133	121 124	158	-	172	-	Y	P
1	05.13.09	13:05	SS	W-75	T/T	88	750	7.0	127 134	129 132	132 121	149	-	193	-	Y	P
1	05.13.09	13:02	WJ	W-72	ST/ST	89	750	5.0	125 128	126 133	126 127	160	-	161	-	Y	P
1	05.13.09	13:05	WJ	W-72	T/T	89	750	4.5	129 126	129 125	128 118	160	-	158	-	Y	P
1	05.14.09	7:30	VM	X-75	T/T	74	250	250	122 -	130 -	137 -	157	-	161	-	Y	P
1	05.14.09	7:45	VM	X-75	ST/T	74	250	250	127 -	104 -	109 -	164	-	166	-	Y	P
1	05.14.09	8:02	VCI	W-72	ST/T	75	750	5.5	129 128	122 125	128 129	178	-	190	-	Y	P
1	05.14.09	8:05	S.S	W-75	ST/ST	75	750	5.0	134 137	125 140	136 123	177	-	177	-	Y	P
1	05.14.09	8:18	K.S.	X-54	T/T	76	277	287	135 -	130 -	125 -	159	-	173	-	Y	P
1	05.14.09	8:16	SP	W-73	T/T	77	750	5.0	122 120	120 131	126 132	170	-	167	-	Y	P
1	05.14.09	8:20	TS	W-88	ST/ST	77	750	5.5	133 126	123 136	128 142	174	-	174	-	Y	P



Ardaman & Associates, Inc

Geotechnical, Environmental and
Materials Consultants

Daily Trial Weld Log

PROJECT: CCSWDC (Sarasota Landfill)

CLIENT: Sarasota County

Field Rep: Michael Milhorn

FILE NO. 08-7709

Extrusion 28

Test #	Date	Time	Weld Tech	Machine Number	Type Mat.	Amb. Temp	Mach Settings		Peel Specification			Shear Spec.				FTB	P/F
							Temp	Sp/PH	In / Out	In / Out	Fusion 91 ppi	In / Out	SH	SH	SH		
1	05.14.09	13:00	KS	X-54	T/T	90	267	257	135 18	142 1	127 1	140	144	144	-	Y	P
7	05.14.09	12:50	UM	X-75	T/T	90	250	250	120 1	133 1	113 1	149	153	153	-	Y	P
9	05.14.09	14:05	SP	W-73	T/T	90	750	5.0	127 127	119 128	128 123	145	150	150	-	Y	P
1	05.15.09	7:40	UM	X-75	T/T	72	250	250	132 1	123 1	122 1	173	169	169	-	Y	P
1	05.15.09	7:45	UM	X-75	ST/T	72	250	250	110 1	120 1	100 1	174	161	161	-	Y	P
1	05.15.09	13:00	UM	X-75	T/T	83	250	250	137 1	140 1	136 1	153	160	160	-	Y	P
1	05.16.09	7:50	UM	X-75	ST/T	72	250	250	91 1	87 1	109 1	161	165	165	-	Y	P
1	05.16.09	7:55	UM	X-75	T/T	72	250	250	109 1	111 1	101 1	162	187	187	-	Y	P
1	05.16.09	13:10	UM	X-75	ST/T	88	250	250	139 1	144 1	143 1	160	159	159	-	Y	P
1	05.16.09	14:20	NJ	W-73	T/T	86	750	4.5	128 131	190 131	130 128	155	152	152	-	Y	P
1	05.17.09	8:00	UM	X-75	T/T	73	250	50	114 19	89 1	105 1	170	162	162	-	Y	P
1	05.17.09	8:25	UM	X-75	ST/T	73	250	250	111 1	110 1	115 1	164	174	174	-	Y	P
1	05.19.09	16:45	VI	X-75	T/T	83	270	250	116 1	121 1	119 1	172	167	167	-	Y	P
1	05.20.09	7:50	UM	X-75	T/T	71	250	250	105 1	93 1	108 1	168	166	166	-	Y	P
1	05.20.09	7:55	UM	X-75	ST/T	71	250	250	97 1	125 1	113 1	187	171	171	-	Y	P
1	05.20.09	13:05	UM	X-75	T/T	84	250	250	125 1	109 1	128 1	151	157	157	-	Y	P
1	05.21.09	9:30	UM	X-75	T/T	79	250	250	119 1	127 1	132 1	168	176	176	-	Y	P
1	05.22.09	8:30	SS	W-75	ST/ST	73	250	7.0	129 137	134 132	122 128	186	175	175	-	Y	P



Ardaman & Associates, Inc

Geotechnical, Environmental and
Materials Consultants

Daily Trial Weld Log

PROJECT: CCSWDC (Sarasota Landfill)
 CLIENT: Sarasota County
 Field Rep: Mike Milhorn

FILE NO. 08-7709

Extrusion 78

Test #	Date	Time	Weld Tech	Machine Number	Type Mat.	Amb. Temp	Mach Settings		Peel Specification Fusion 91 ppi			Shear Spec. 120 ppi				FTB	P/F
							Temp	Sp/PH	In / Out	In / Out	In / Out	SH	SH	SH	SH		
1	05.22.09	8:35	UCI	W-85	ST/ST	73	750	7.0	133 / 131	133 / 134	126 / 128	183	-	185	-	Y	P
1	05.22.09	8:40	MS	W-87	ST/ST	73	750	7.0	132 / 123	128 / 127	123 / 123	188	-	-	-	Y	P
1	05.22.09	8:35	SM	W-93	ST/ST	73	750	2.0	122 / 135	129 / 131	130 / 127	213	-	187	-	Y	P
1	05.22.09	9:00	NK	W-80	ST/ST	75	760	7.0	136 / 135	135 / 138	141 / 136	189	-	185	-	Y	P
1	5/22	9:20	SP	W73	ST/ST	76	750	7.0	142 / 134	133 / 141	131 / 132	194	-	177	-	Y	P
1	05.22.09	9:20	TS	W81	ST/ST	77	760	7.0	126 / 122	142 / 140	141 / 125	180	-	177	-	Y	P
1	5/22	10:20	NJ	W82	ST/ST	79	750	5.5	137 / 126	142 / 131	136 / 133	189	-	172	-	Y	P
1	05.22.09	11:10	NJ	W-90	ST/ST	87	750	6.5	131 / 131	129 / 128	130 / 131	177	-	125	-	Y	P
1	05.22.09	13:12	NK	W-80	ST/ST	88	760	2.0	125 / 124	129 / 125	132 / 138	169	-	167	-	Y	P
1	05.22.09	13:15	MS	W-87	ST/ST	87	750	2.0	131 / 136	133 / 135	125 / 132	164	-	161	-	Y	P
1	05.22.09	13:25	SS	W-75	ST/ST	88	750	7.0	120 / 128	131 / 128	141 / 125	193	-	169	-	Y	P
1	05.22.09	13:30	UCI	W-85	ST/ST	88	750	7.0	147 / 127	149 / 131	130 / 134	183	-	166	-	Y	P
1	05.22.09	13:40	SM	W-93	ST/ST	86	750	7.0	134 / 122	123 / 137	125 / 129	189	-	172	-	Y	P
1	05.22.09	13:15	NK	W-80	T	88	760	5.5	137 / 138	142 / 109	119 / 135	158	-	159	-	Y	P
1	05.22.09	13:25	SP	W-73	ST/ST	89	750	7.0	135 / 121	126 / 125	125 / 127	162	-	165	-	Y	P
1	05.22.09	13:58	TS	W-81	ST/ST	88	760	7.0	132 / 128	139 / 128	129 / 136	171	-	174	-	Y	P
1	05.22.09	13:30	NK	W-90	ST/ST	88	750	7.0	129 / 127	138 / 123	123 / 136	168	-	167	-	Y	P
1	05.22.09	14:25	UM	X-75	T	89	250	250	122 / -	141 / -	153 / -	160	-	167	-	Y	P



Ardaman & Associates, Inc

Geotechnical, Environmental and
Materials Consultants

Daily Trial Weld Log

PROJECT: CCSWDC (Sarasota Landfill)
 CLIENT: Sarasota County
 Field Rep: Michael Milhorn

FILE NO. 08-7709

Estacion 78

Test #	Date	Time	Weld Tech	Machine Number	Type Mat.	Amb. Temp	Mach Settings		Peel Specification Fusion % ppi			Shear Spec. 120 ppi				FTB	P/F			
							Temp	Sp/PH	In / Out	In / Out	In / Out	SH	SH	SH	SH					
1	05.22.09	16:20	TS	W-81	T	86	760	60	132	132	135	142	139	128	160	-	162	-	Y	P
1	05.23.09	7:50	SM	W-93	ST	73	750	7.0	137	118	131	120	132	1132	184	-	190	-	Y	P
1	05.23.09	8:20	UM	X-75	T	73	250	250	114	1	109	1	88	1	170	-	172	-	Y	P
1	05.23.09	8:25	UM	X-75	ST	73	250	250	114	1	114	1	103	1	185	-	174	-	Y	P
1	05.23.09	8:12	SS	W-75	ST	75	750	7.0	134	1133	134	1130	134	1130	183	-	213	-	Y	P
5	05.23.09	8:20	VCE	W-88	ST	74	750	7.0	135	1130	134	1130	131	1134	184	-	188	-	Y	P
1	05.23.09	8:22	NK	W-90	ST	76	760	7.0	120	1128	134	1124	140	1124	175	-	174	-	Y	P
1	05.23.09	8:27	NK	W-90	T	76	760	5.5	146	1126	142	1131	146	1142	176	-	175	-	Y	P
1	05.23.09	8:30	TS	W-81	ST	76	760	7.0	131	1123	132	1124	135	1130	183	-	185	-	Y	P
1	05.23.09	8:35	TS	W-81	T	76	760	60	129	1137	137	1130	144	1137	175	-	183	-	Y	P
1	05.23.09	8:40	TC	X-62	T	77	270	270	104	1	124	1	118	1	162	-	164	-	Y	P
1	05.23.09	8:42	TC	X-62	ST	77	270	270	119	1	129	1	118	1	163	-	167	-	Y	P
1	5/23	10:40	YR	W-87	ST	82	760	6.0	123	1126	130	1124	123	1131	171	-	170	-	Y	P
1	05.23.09	13:10	UM	X-75	T	87	250	250	131	1	130	1	136	1	172	-	166	-	Y	P
1	05.23.09	13:10	TC	X-62	T	87	250	210	124	1	112	1	14	1	145	-	144	-	Y	P
1	05.23.09	13:10	TS	W-81	T	87	760	6.0	123	1130	130	1135	130	1138	157	-	158	-	Y	P
1	05.23.09	12:50	NK	W-90	T	87	760	5.5	123	1131	133	1130	125	1138	147	-	152	-	Y	P
1	05.24.09	7:50	UM	X-75	T	73	250	250	119	1	111	1	99	1	169	-	163	-	Y	P



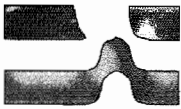
Daily Trial Weld Log

PROJECT: CCSWDC (Sarasota Landfill)
 CLIENT: Sarasota County
 Field Rep: Michael Milhorn

FILE NO. 08-7709

Extension 78

Test #	Date	Time	Weld Tech	Machine Number	Type Mat.	Amb. Temp	Mach Settings		Peel Specification Fusion 91 ppi			Shear Spec. 12P ppi				FTB	P/F
							Temp	Sp/PH	In / Out	In / Out	In / Out	SH	SH	SH	SH		
1	05.24.09	7:55	UM	X-75	ST	73	250	250	134 -	145 -	144 -	175	-	184	-	Y	P
1	05.24.09	8:30	TC	X62	T	74	270	250	107 -	130 -	129 -	171	-	169	-	Y	P
1	05.24.09	8:35	TC	X-62	ST	74	270	250	90 -	100 -	100 -	171	-	166	-	Y	P
1	05.24.09	12:50	TC	X62	T	86	250	210	137 -	152 -	141 -	143	-	147	-	Y	P
1	05.24.09	14:00	UM	X-75	T	87	250	250	144 -	140 -	150 -	190	-	157	-	Y	P
1	05.25.09	8:05	UM	X-75	T	71	250	250	101 -	99 -	92 -	180	-	184	-	Y	P
1	05.25.09	13:00	UM	X-75	T	85	250	250	128 -	130 -	137 -	163	-	161	-	Y	P
1	05.25.09	13:00	TC	X-62	T	85	250	200	119 -	125 -	120 -	161	-	161	-	Y	P
1	05.25.09	13:26	YR	W-87	T	85	760	6.0	118 121	129 122	129 128	154	-	157	-	Y	P
1	05.25.09	13:35	YR	W-87	ST	86	760	6.0	127 119	115 119	134 122	162	-	164	-	Y	P
1	05.26.09	9:01	UM	X-75	T	77	250	250	101 -	96 -	104 -	174	-	169	-	Y	P
1	05.26.09	9:30	UCI	W-85	ST	78	750	7.0	122 125	119 127	126 128	165	-	166	-	Y	P
1	05.26.09	9:24	WK	W-90	ST	79	760	7.0	124 127	126 123	129 123	150	-	123	-	Y	P
1	05.26.09	9:40	TS	W-81	ST	79	760	7.0	109 113	106 119	126 130	166	-	170	-	Y	P
1	05.26.09	9:30	BM	W-87	ST	80	760	7.0	131 112	115 125	125 113	157	-	165	-	Y	P
1	05.26.09	13:24	WK	W-90	ST	86	760	7.0	116 120	125 134	120 126	172	-	157	-	Y	P
1	05.26.09	13:20	UCI	W-85	ST	85	750	7.0	129 129	116 112	119 124	149	-	165	-	Y	P
1	05.26.09	13:40	UM	X-75	T	86	250	250	125 -	120 -	131 -	151	-	155	-	Y	P



Ardaman & Associates, Inc

Geotechnical, Environmental and
Materials Consultants

Daily Trial Weld Log

PROJECT: CCSWDC (Sarasota Landfill)

CLIENT: Sarasota County

Field Rep: Michael Milhorn

FILE NO.

08-7709

Extrusion 28

121

Test #	Date	Time	Weld Tech	Machine Number	Type Mat.	Amb. Temp	Mach Settings		Peel Specification <i>System 91 ppi</i>			Shear Spec. <i>ppi</i>				FTB	P/F
							Temp	Sp/PH	In / Out	In / Out	In / Out	SH	SH	SH	SH		
1	5-25-09	13:30	BM	W-87	ST/ST	87	760	70	130 115	123 127	119 131	146	-	155	-	Y	P
1	5-26-09	13:35	SM	W-83	ST/ST	87	760	7.0	121 128	131 124	122 125	157	-	161	-	Y	P
1	5-26-09	13:55	TS	W-81	ST/ST	87	760	7.0	120 118	123 119	126 116	152	-	182	-	Y	P
1	5-26-09	15:20	TS	W-81	T/ST	87	760	5.5	137 135	139 125	137 135	159	-	150	-	Y	P
1	5-26-09	19:20	TS	W-81	T/T	82	760	6.0	133 130	122 136	136 137	151	-	153	-	Y	P
1	5-27-09	8:02	NK	W-90	ST/ST	74	760	7.0	126 134	130 138	139 126	182	-	188	-	Y	P
1	5-27-09	8:05	UCF	W-88	ST/ST	74	750	7.0	128 137	131 123	127 127	184	-	181	-	Y	P
1	5-27-09	8:10	UM	X-75	ST/ST	76	250	250	118 -	117 -	114 -	126	-	122	-	Y	P
1	5-27-09	8:15	UM	X-76	T/T	76	250	250	120 -	135 -	111 -	167	-	14	-	Y	P
1	5-27-09	8:10	TC	X62	T/T	77	250	250	108 -	128 -	109 -	170	-	166	-	Y	P
1	5-27-09	8:15	TC	X62	ST/ST	77	250	250	118 -	119 -	111 -	175	-	172	-	Y	P
1	5-27-09	8:05	SM	W-93	ST/ST	77	760	7.0	131 136	131 138	127 132	180	-	180	-	Y	P
1	5-27-09	8:25	TS	W-81	ST/T	78	760	5.5	127 127	134 142	129 132	198	-	174	-	Y	P
1	5-27-09	8:20	TS	W-81	ST/ST	78	760	7.0	121 129	132 130	139 130	181	-	177	-	Y	P
	5/27	10:31	KC	W-93	T/T	84	760	6	120 122	117 129	122 121	154	-	150	-	Y	P
1	5-27-09	13:00	UM	X-75	T/T	87	250	250	121 -	126 -	131 -	165	-	128	-	Y	P
1	5-27-09	13:15	JL	X62	T/T	87	250	250	117 -	105 -	107 -	147	-	134	-	Y	P
1	5-27-09	13:00	DK	X69	T/T	88	260	250	145 -	126 -	137 -	145	-	147	-	Y	P



Ardaman & Associates, Inc.

Geotechnical, Environmental and
Materials Consultants

Daily Trial Weld Log

PROJECT: CCSWDC (Sarasota Landfill)

CLIENT: Sarasota County

Field Rep: Mike Milhorn

FILE NO. 08-7709

Extraction 78

Test #	Date	Time	Weld Tech	Machine Number	Type Mat.	Amb. Temp	Mach Settings		Peel Specification <i>Extraction 78</i>			Shear Spec. <i>120 ppi</i>				FTB	P/F
							Temp	Sp/PH	In / Out	In / Out	In / Out	SH	SH	SH	SH		
1	5-28-09	7:47	UM	X-75	T/T	76	250	250	119 -	115 -	122 -	153	-	154	-	Y	P
1	5-28-09	8:10	UCI	W-85	ST/ST	79	750	7.0	147 128	133 124	124 132	180	-	179	-	Y	P
1	5-28-09	8:26	NK	W-90	ST/ST	81	760	7.0	123 139	127 145	128 137	173	-	178	-	Y	P
1	5-28-09	8:40	TS	W-81	ST/ST	81	760	7.0	131 126	125 117	120 123	201	-	171	-	Y	P
1	5-28-09	9:30	VS	W-83	ST/ST	83	760	7.5	122 131	124 123	132 129	179	-	167	-	Y	P
1	5/28/09	9:30	BM	W-87	ST/ST	83	760	7.0	126 126	140 135	131 128	178	-	175	-	Y	P
1	5/28/09	13:10	UM	X-75	T/T	83	250	250	120 -	121 -	133 -	136	-	164	-	Y	P
1	5/28/09	13:05	US	W-93	ST/ST	85	760	7.0	132 122	121 124	125 124	164	-	166	-	Y	P
1	5/28/09	13:05	BM	W-87	ST/ST	85	760	7.0	136 136	120 130	135 129	170	-	174	-	Y	P
1	5/28/09	13:03	NK	W-90	ST/ST	85	760	7.0	140 129	129 119	140 122	173	-	174	-	Y	P
1	5/28/09	13:15	TS	W-81	ST/ST	84	760	7.0	132 131	129 127	136 125	171	-	174	-	Y	P
1	5/28/09		TS	W-81	T/T	84	760	6.0	140 135	138 130	120 139	152	-	147	-	Y	P
1	05-28-09	14:30	BM	W-87	T/T	88	760	7.0	141 132	138 118	139 129	172	-	185	-	Y	P
1	05-28-09	14:40	TS	W-81	ST/T	88	760	5.5	138 125	127 119	120 135	161	-	157	-	Y	P
1	5-28-09	14:40	BM	W-87	ST/T	85	760	7.0	126 130	119 141	125 119	162	-	170	-	Y	P
1	5-28-09	17:15	UCI	W-97	ST/ST	83	750	7.0	127 123	126 141	124 123	164	-	165	-	Y	P
1	5-28-09	18:48	SM	W-16	ST/T	81	760	5.5	136 123	133 125	120 135	162	-	167	-	Y	P
1	5-29-09	8:00	UM	X-75	T/T	76	250	250	92 -	84 -	109 -	165	-	162	-	Y	P



Ardaman & Associates, Inc

Geotechnical, Environmental and
Materials Consultants

Daily Trial Weld Log

PROJECT: CCSWDC (Sarasota Landfill)

CLIENT: Sarasota County

Field Rep: MM

FILE NO. 08-7709

Extrusion 7P

Test #	Date	Time	Weld Tech	Machine Number	Type Mat.	Amb. Temp	Mach Settings		Peel Specification <i>Extrusion 91 ppi</i>			Shear Spec. <i>120 ppi</i>				FTB	P/F
							Temp	Sp/PH	In / Out	In / Out	In / Out	SH	SH	SH	SH		
1	5-29-09	8:16	UM	X-75	T/T	76	250	250	88 -	95 -	102 -	167	-	168	-	Y	P
1	5-29-09	8:30	SM	W-93	S/S	76	760	7	134 120	123 127	134 125	181	-	171	-	Y	P
1	5-29-09	8:45	SM	W-93	S/S	76	760	7	136 137	126 137	123 133	173	-	188	-	Y	P
1	5-29-09	8:42	SM	W-93	T/T	76	760	7	119 119	120 139	124 118	167	-	163	-	Y	P
1	5-29-09	8:30	VS	W-97	S/S	77	760	6.5	131 147	143 126	147 125	173	-	193	-	Y	P
1	5-29-09	9:37	US	W-90	S/S	83	760	6.7	120 122	123 131	130 123	167	-	169	-	Y	P
1	5-29-09	10:55	ULI	U-72	S/S	83	750	6.0	127 130	126 126	126 123	194	-	164	-	Y	P
1	5-29-09	11:05	BM	W-76	S/S	83	760	7.0	124 127	126 122	126 127	165	-	169	-	Y	P
1	5-29-09	13:00	UM	X-75	T/T	83	250	250	120 -	125 -	134 -	141	-	168	-	Y	P
1	5-29-09	13:30	VS	W-97	S/S	84	750	2.5	124 135	118 137	130 123	167	-	168	-	Y	P
1	5-29-09	13:26	NK	W-81	S/S	83	760	7.0	123 144	131 131	123 126	164	-	165	-	Y	P
1	5-29-09	13:30	SM	W-93	S/S	83	760	7.0	127 122	137 126	124 139	169	-	167	-	Y	P
1	5-29-09	17:40	SM	W-93	T/T	85	760	7.0	137 140	135 145	138 146	184	-	171	-	Y	P
1	5-30-09	8:00	UM	X-75	T/T	78	250	250	104 -	114 -	93 -	159	-	169	-	Y	P
1	5-30-09	8:10	UM	X-75	S/S	78	250	250	104 -	100 -	102 -	163	-	170	-	Y	P
1	5-30-09	13:10	VM	X-75	T/T	83	250	250	134 -	119 -	112 -	167	-	164	-	Y	P
1	5-31-09	8:44	SL	X-70	S/S	78	260	250	121 -	116 -	124 -	166	-	171	-	Y	P
1	5-31-09	9:38	EW	X-53	T/S	77	250	250	117 -	120 -	125 -	162	-	164	-	Y	P



Ardaman & Associates, Inc
 Geotechnical, Environmental and
 Materials Consultants

Daily Trial Weld Log

PROJECT: CCSWDC (Sarasota Landfill)
 CLIENT: Sarasota County
 Field Rep: MM/AW

FILE NO. 08-7709

Extrusion 72

Test #	Date	Time	Weld Tech	Machine Number	Type Mat.	Amb. Temp	Mach Settings		Peel Specification <i>Fusion 91 ppi</i>			Shear Spec. <i>121 ppi</i>				FTB	P/F	
							Temp	Sp/PH	In / Out	In / Out	In / Out	SH	SH	SH	SH			
1	5/31	10:00	VM	X-75	ST/ST	80	250	250	121 / -	129 / -	130 / -	162	163			Y	P	
1	6/1	7:55	MS	97	ST/ST	72	750	7.0	136 / 133	136 / 143	136 / 137	180	-	181	-		Y	P
1	6/1	8:05	NK	W-75	ST/ST	73	760	7.0	123 / 140	137 / 121	138 / 129	179	-	180	-		Y	P
1	6/1	8:05	SM	W-93	ST/ST	73	760	7.0	129 / 120	137 / 122	121 / 110	179	-	177	-		Y	P
1	6/1	8:20	SW	W-72	ST/ST	74	750	7.0	116 / 123	117 / 124	106 / 98	176	-	176	-		Y	P
1	6/1	10:20	VM	X-75	ST/ST	77	250	250	125 / -	126 / -	129 / -	156	-	153	-		Y	P
1	6/1	1:35	VM	X-75	T/T	83	250	250	120 / -	110 / -	120 / -	150	-	160	-		Y	P
1	6/1	1:50	NK	W-75	ST/ST	84	750	7.0	128 / 127	134 / 127	126 / 130	158	-	180	-		Y	P
1	6/1	1:50	SW	W-72	ST/ST	84	750	7.0	120 / 123	120 / 129	126 / 122	158	-	160	-		Y	P
1	6/1	2:04	MS	W-95	ST/ST	85	750	8.0	124 / 128	126 / 119	125 / 134	154	-	160	-		Y	P
1	6/1	2:00	SM	W-93	ST/ST	85	760	8.0	124 / 122	124 / 118	123 / 126	166	-	160	-		Y	P
1	6/2	7:57	NK	W-75	ST/ST	73	760	7.0	136 / 131	141 / 135	136 / 130						N	F
1	6/2	7:55	VS	W-97	ST/ST	73	750	6.0	137 / 138	143 / 145	146 / 139	167	-	173	-		Y	P
1	6/2	8:10	VM	X-75	T/T	74	250	250	114 / 124	122 / -	114 / -	178	-	183	-		Y	P
1	6/2	8:15	VM	X-75	ST/ST	74	250	250	109 / -	120 / -	121 / -	186	-	179	-		Y	P
1	6/2	8:20	ZB	X-3	T/T	74	260	250	126 / -	127 / -	122 / -	206	-	190	-		Y	P
2	6/2	8:43	NK	W-75	ST/ST	74	760	7.0	131 / 128	140 / 131	134 / 124	181	-	194	-		Y	P
1	6/2	8:50	SM	W-93	ST/ST	79	760	7.0	134 / 136	133 / 124	132 / 132	187	-	185	-		Y	P



Daily Trial Weld Log

PROJECT: CCSWDC (Sarasota Landfill)
 CLIENT: Sarasota County
 Field Rep: MM

FILE NO. 08-7709

Extrusion 7P

Test #	Date	Time	Weld Tech	Machine Number	Type Mat.	Amb. Temp	Mach Settings		Peel Specification <i>Extrusion 7P</i>			Shear Spec. 121 ppl				FTB	P/F
							Temp	Sp/PH	In/Out	In/Out	In/Out	SH	SH	SH	SH		
1	6/2	9:30	MS	W-76	S/S	76	760	7.0	131/133	130/132	130/129	179	-	179	-	Y	P
1	6/2	10:00	VS	W-97	S/S	77	750	7.0	134/132	134/135	129/133	179	-	175	-	Y	P
1	6/2	11:00	SM	W-93	S/T	80	760	8.0	143/136	132/146	136/139	162	-	167	-	Y	P
1	6/2	13:30	UM	X-75	T/T	83	250	250	111/-	113/-	118/-	166	-	159	-	Y	P
1	6/2	13:15	VS	W-97	S/S	83	750	7.5	130/131	126/132	131/126	164	-	165	-	Y	P
1	6/2	13:11	MS	W-76	S/S	83	750	7.0	131/131	127/132	135/134	168	-	170	-	Y	P
1	6/2	13:15	NK	W-75	S/S	83	750	7.0	118/119	125/131	130/137	188	-	162	-	Y	P
1	6/2	13:10	SM	W-93	S/S	83	760	7.0	130/127	131/128	128/130	165	-	162	-	Y	P
1	6/2	13:45	MS	W-72	S/S	83	750	7.5	125/137	124/129	128/139	168	-	169	-	Y	P
1	6/2	13:30	ZB	X-90	T/T	84	260	250	128/140	120/-	133/-	146	-	159	-	Y	P
1	6/2	16:10	VS	W-97	T/T	85	250	7.0	112/125	133/124	135/122	147	-	144	-	Y	P
1	6/3	7:45	UM	X-73	T/T	74	250	250	121/-	114/-	113/-	183	-	180	-	Y	P
1	6/3	7:50	UM	X-73	S/T	74	250	250	129/100% Pool	137/110% Pool						N	F
1	6/3	7:58	NK	W-75	S/S	74	760	7.0	142/136	136/129	116/134	185	-	209	-	Y	P
1	6/3	8:00	Bm	W-97	S/S	74	760	7.0	149/138	155/142	154/135	192	-	194	-	Y	P
1	6/3	7:50	MS	W-97	S/S	74	750	7.0	130/131	142/136	137/144	161	-	189	-	Y	P
1	6/3	8:10	VS	W-72	S/S	74	760	7.0	131/132	139/135	134/127	181	-	186	-	Y	P
2	6/3	8:35	UM	X-93	S/T	74	250	250	104/-	125/-	115/-	168	-	178	-	Y	P



Ardaman & Associates, Inc

Geotechnical, Environmental and
Materials Consultants

Daily Trial Weld Log

PROJECT: CCSWDC (Sarasota Landfill)

CLIENT: Sarasota County

Field Rep: MM

FILE NO. 08-7709

Test #	Date	Time	Weld Tech	Machine Number	Type Mat.	Amb. Temp	Mach Settings		Peel Specification			Shear Spec.				FTB	P/F			
							Temp	Sp/PH	In / Out	In / Out	ppi In / Out	SH	SH	SH	SH					
1	6/3	8:30	SM	W-93	ST/ST	75	760	7.0	138	1133	144	1146	142	1124	185	-	193	-	Y	P
1	6/3	8:45	MJ	72	S	75	750	8.5	137	1135	125	1141	136	1137	186	-	181	-	Y	P
1	6/3	13:02	NK	W-75	T/T	82	760	7.0	131	1130	131	1127	128	1127	166	-	170	-	Y	P
1	6/3	13:04	NK	W-75	ST/ST	82	760	7.0	119	1123	125	1118	123	1123	162	-	164	-	Y	P
1	6/3	13:05	BM	W-98	ST/ST	82	760	7.0	123	1132	98	100%	peel						N	F
1	6/3	13:17	MS	W-97	ST/ST	82	750	8.0	126	1125	124	1126	125	1125	174	-	166	-	Y	P
1	6/3	13:20	BM	W-97	ST/ST	82	760	7.0	128	1133	125	1125	125	1127	166	-	163	-	Y	P
1	6/3	13:30	UM	W-75	T/T	82	250	250	111	111	114	111	103	111	174	-	174	-	Y	P
1	6/3	13:10	BM	W-97	T/T	82	760	7.0	95	125%	peel								N	F
1	6/3	13:10	SM	W-93	ST/ST	81	760	8.0	128	1125	125	1122	129	1127	174	-	160	-	Y	P
1	6/3	13:15	VS	W-76	ST/ST	81	760	7.0	129	1127	135	1127	136	1128	170	-	167	-	Y	P
1	6/3	13:11	MS	W-72	ST/ST	80	750	8.0	134	1128	128	1134	129	1133	172	-	169	-	Y	P
1	6/3	13:17	VS	W-76	T/T	80	750	7.0	128	1134	134	1138	144	1135	164	-	163	-	Y	P
1	6/3	13:40	BM	W-98	ST/T	81	760	6.0	144	1128	132	1118	128	1129	168	-	175	-	Y	P
1	6/3	13:45	BM	W-98	T/T	81	760	5.0	144	1123	126	1134	142	1128	169	-	173	-	Y	P
1	6/4	8:15	VS	W-76	ST/ST	76	760	7.0	139	1138	138	1135	134	1135	183	-	183	-	Y	P
1	6/4	7:50	BM	W-76	ST/T	76	760	6.0	136	1133	129	1131	135	1132	175	-	170	-	Y	P
1	6/4	8:00	BM	W-76	ST/ST	76	760	6.5	135	1132	136	1125	141	1133	178	-	178	-	Y	P



Ardaman & Associates, Inc

Geotechnical, Environmental and
Materials Consultants

Daily Trial Weld Log

PROJECT: CCSWDC (Sarasota Landfill)

CLIENT: Sarasota County

Field Rep: MM/AW

FILE NO. 08-7709

EXT = 78

Test #	Date	Time	Weld Tech	Machine Number	Type Mat.	Amb. Temp	Mach Settings		Peel Specification			Shear Spec.				FTB	P/F
							Temp	Sp/PH	In / Out	In / Out	91 ppi In / Out	120 ppi SH		SH	SH		
1	6/4	8:10	UM	X-75	T/T	76	250	250	100 -	102 -	97 -	139	-	180	-	Y	P
1	6/4	8:35	UM	X-75	S/S	76	250	250	83 -	105 -	105 -	161	-	161	-	Y	P
1	6/4	8:02	MS	W-97	S/S	76	750	7.0	132 127	126 119	126 120	168	-	173	-	Y	P
1	6/4	8:20	MS	W-97	T/S	76	750	6.0	120 126	129 130							F
1	6/4	8:36	NK	W-75	S/S	77	760	7.0	129 130	136 125	133 118	171	-	171	-	Y	P
1	6/4	8:40	SM	W-93	S/S	77	760	7.0	136 125	132 127	128 132	181	-	176	-	Y	P
1	6/4	8:50	MS	W-72	T/S	77	750	7.0	129 132	107 131	126 140	165	-	167	-	Y	P
2	6/4	9:02	MS	W-97	S/S	77	250	6.0	130 123	120 114	129 115	162	-	171	-	Y	P
1	6/4	13:00	UM	X-75	T/T	84	250	250	130 134	134 -	125 -	149	-	154	-	Y	P
1	6/4	13:04	NK	W-75	S/S	84	760	7.0	126 119	121 124	126 131	158	-	161	-	Y	P
1	6/4	13:05	SM	W-93	S/S	85	760	8.0	121 121	128 131	127 121	160	-	170	-	X	P
1	6/4	13:10	MS	W-97	S/S	85	750	8.0	124 121	125 118	122 123	154	-	157	-	Y	P
1	6/4	13:15	MS	W-72	S/T	84	760	6.3	130 131	122 133	131 131	151	-	152	-	Y	P
1	6/5	13:30	UM	X-75	T/T	83	250	250	147 -	144 -	137 -	162	-	159	-	Y	P
1	6/5	14:20	SM	X-70	T/T	83	260	250	111 -	107 -	106 -	157	-	164	-	Y	P
1	6/4	7:40		X-75	T/T	77	250	250	123 -	125 -	120 -	165	-	165	-	Y	P
1	6/6	7:50	UM	X-75	S/S	77	250	250	110 -	114 -	127 -	158	-	165	-	Y	P
1	6/7	7:50	UM	X-75	T/T	77	250	250	109 -	104 -	108 -	159	-	159	-	Y	P



Ardaman & Associates, Inc
 Geotechnical, Environmental and
 Materials Consultants

Daily Trial Weld Log

PROJECT: CCSWDC (Sarasota Landfill)
 CLIENT: Sarasota County
 Field Rep: MM/AW

FILE NO. 08-7709

EXTRUSION = 78

Test #	Date	Time	Weld Tech	Machine Number	Type Mat.	Amb. Temp	Mach Settings		Peel Specification			Shear Spec.				FTB	P/F
							Temp	Sp/PH	In / Out	In / Out	ppi	SH	SH	SH	SH		
1	6/7	7:55	VM	X-75	ST/T	77	250	250	1141 - 1061	981	162 - 160					Y	P
2	6/7	8:30	VM	X-75	T/T	85	250	250	1191 - 1161	1071 -						F	F
2	6/7	8:40	VM	X-75	ST/T	85	250	250	1031 - 1141	1131 -	151 - 152 -					Y	P
3	6/7	9:30	VM	X-75	T/T	85	250	250	1001 - 931	1081 -	141 - 155 -					Y	P
1	6/1	10:10	BM	X-56	T/T	87	250	250	901 - 691	-						F	F
2	6/1	10:50	BM	X-56	T/T	87	250	250	1111 - 1291	1031 -	158 - 155 -					P	P
3	6/7	1:20	VM	X-75	T/T	87	250	250	1241 - 1321	1261 -	154 - 155 -					P	P
1	6/7	1:00	BM	X-56	T/T	87	250	250	1211 - 1231	1201 -	158 - 153 -					P	P
1	6/7	1:14	N/B	W-75	ST/ST	87	760	7.0	1291/122	131/116	1261/121	157 - 164				P	P
1	6/7	2:28	N/B	W-75	T/T	85	760	7.0	1271/115	1221	-					F	F
1	6/8	7:50	BM	X-56	T/T	720	260	260	981 - 1121	1351 -	170 - 168 -					Y	P
1	6/8	7:48	NK	W-75	ST/ST	720	760	7.0	1311/130	1291/138	1351/134	198 - 167 -				Y	P
1	6/8	7:50	NK	W-75	T/T	720	760	7.0	1341/140	1221/119	1291/129	183 - 171 -				Y	P
1	6/8	7:50	VM	X-75	ST/T	780	250	250	1171 - 1151	1101 -	167 - 180 -						
1	6/8	7:53	VM	X-75	T/T	800	250	250	1051 - 1221	1291 -	159 - 158 -					X	P
1	6/8	7:00	BM	X-56	T/T	800	260	260	1111 - 1211	1141 -	159 - 161 -					Y	P
1	6/9	7:45	VS	W-76	ST/ST	750	760	7.0	1281/130	1291/133	1101/139	180 - 170 -				X	P
1	6/9	7:56	NK	W-75	ST/ST	750	760	7.0	1351/134	1381/136	1361/120	169 - 182 -				Y	P
1	6/8	1:10	VM	X-75	T/T	80	250	250	1051/122	122	129	159	158			X	P



Daily Trial Weld Log

PROJECT: CCSWDC (Sarasota Landfill)

CLIENT: Sarasota County

Field Rep: AW

FILE NO. 08-7709

Exhaustion 78

Test #	Date	Time	Weld Tech	Machine Number	Type Mat.	Amb. Temp	Mach Settings		Peel Specification Fusion 91 ppi			Shear Spec. 121 ppi				FTB	P/F
							Temp	Sp/PH	In / Out	In / Out	In / Out	SH	SH	SH	SH		
1	6/9	7:45	VM	K75	T	750	250	250	118 -	111 -	121 -	172	-	175	-	Y	P
1	6/9	7:51	MS	W97	ST/ST	750	750	7.0	143 133	135 140	130 141	185	-	180	-	Y	P
1	6/9	8:00	KP	W67	ST/ST	760	750	7.0	123 123	139 137	140 146	176	-	177	-	Y	P
1	6/9	8:00	S.M.	W93	ST/ST	760	760	8.0	127 132	130 127	130 132	154	-	155	-	Y	P
1	6/9	8:05	M.S.	W72	ST/ST	760	760	7.0	129 121	122 130	133 121	173	-	175	-	Y	P
1	6/9	8:30	WT	W80	ST/ST	760	750	7.0	129 133	127 133	132 128	177	-	171	-	Y	P
1	6/9	8:00	BM	W98	ST/ST	770	700	7.0	129 135	141 129	134 140	177	-	178	-	Y	P
1	6/9	10:35	KP	W67	ST/ST	820	750	6.5	131 131	126 127	117 106	161	-	161	-	Y	P
1	6/9	1:00	MS	W97	ST/ST	830	750	8.0	114 115	121 112	114 112	158	-	140	-	Y	P
1	6/9	1:10	W.T.	W80	ST/ST	830	760	7.0	130 131	134 129	135 135	165	-	164	-	Y	P
1	6/9	1:00	B.M.	W98	ST/ST	840	760	7.0	125 128	120 129	123 129	160	-	152	-	Y	P
1	6/9	1:30	N.K.	W75	ST/ST	840	760	7.0	119 132	133 120	130 126	166	-	163	-	Y	P
1	6/9	1:05	M.J.	W72	ST/ST	840	760	7.5	135 146	126 137	128 127	171	-	171	-	Y	P
1	6/9	1:00	VS	W76	ST/ST	840	760	8.0	118 120	122 123	122 127	152	-	153	-	Y	P
1	6/9	1:20	VM	K75	T	840	250	250	117 -	133 -	125 -	153	-	150	-	Y	P
1	6/9	1:40	S.M.	W93	ST/ST	840	760	7.0	104 131	126 120	128 128	153	-	152	-	Y	P
1	6/9	2:48	KP	W67	ST/ST	850	750	6.5	124 139	125 120	136 122	166	-	163	-	Y	P
1	6/10	8:40	VM	X75	T	790	250	250	119 -	122 -	128 -	170	-	180	-	Y	P



Ardaman & Associates, Inc
 Geotechnical, Environmental and
 Materials Consultants

Daily Trial Weld Log

PROJECT: CCSWDC (Sarasota Landfill)
 CLIENT: Sarasota County
 Field Rep: AW

FILE NO. 08-7709

EXTRUSION = 78

Test #	Date	Time	Weld Tech	Machine Number	Type Mat.	Amb. Temp	Mach Settings		Peel Specification 91			Shear Spec. 120				FTB	P/F
							Temp	Sp/PH	In / Out	124 In / Out	126 In / Out	SH	SH	SH	SH		
1	6/10	8:00	S.M.	W93	ST/ST	80°	760	7.0	127 / 129	124 / 128	126 / 120	158	-	157	-	Y	P
1	6/10	8:15	K.P.	W67	ST/ST	80°	750	7.0	127 / 128	132 / 132	135 / 135	170	-	172	-	Y	P
1	6/10	8:06	N.K.	W75	ST/ST	82°	760	7.0	129 / 128	129 / 129	131 / 128	163	-	125	-	Y	P
1	6/10	8:05	M.S.	W97	ST/ST	82°	750	7.0	137 / 144	133 / 138	145 / 136	174	-	171	-	Y	P
1	6/10	8:00	NK	W-75	ST/T	82°	760	7.0	129 / 132	134 / 137	129 / 133	163	-	160	-	Y	P
1	6/10	1:20	VM	X75	T/T	87°	250	250	118 / -	110 / -	118 / -	147	-	146	-	Y	P
1	6/10	1:25	NK	W75	T/T	89°	760	7.0	124 / 116	116 / 119	125 / 129	154	-	155	-	Y	P
1	6/10	2:25	NK	W75	ST/ST	89°	760	7.0	138 / 129	131 / 133	126 / 128	167	-	162	-	Y	P
1	6/10	2:20	KP	W67	ST/ST	89°	750	7.0	131 / 136	119 / 141	137 / 133	160	-	167	-	Y	P
1	6/10	1:35	SM	W93	ST/ST	89°	760	7.0	121 / 135	118 / 120	117 / 125	161	-	150	-	Y	P
1	6/10	2:04	MS	W97	ST/ST	89°	750	8.0	133 / 130	135 / 134	129 / 135	166	-	155	-	Y	P
1	6/10	2:35	NK	W75	ST/T	89°	760	7.0	129 / 125	126 / 124	127 / 122	158	-	152	-	Y	P
1	6/10	5:30	SK	W-98	ST/ST	92°	760	7.0	126 / 125	127 / 130	123 / 129	162	-	144	-	Y	P
1	6/11	7:55	MS	W97	ST/ST	81°	750	7.0	125 / 115	133 / 131	137 / 140	132	-	160	-	Y	P
1	6/11	8:00	KP	W67	ST/ST	81°	750	7.0	127 / 139	136 / 149	139 / 139	176	-	187	-	Y	P
1	6/11	8:10	W.T.	W98	ST/ST	81°	760	7.0	142 / 129	135 / 132	132 / 129	179	-	173	-	Y	P
1	6/11	8:10	VM	X75	T/T	87°	250	250	130 / -	140 / -	121 / -	170	-	176	-	Y	P
1	6/11	8:05	SM	W93	ST/ST	82°	760	7.0	128 / 122	127 / 127	120 / 130	165	-	157	-	Y	P



Ardaman & Associates, Inc

Geotechnical, Environmental and
Materials Consultants

Daily Trial Weld Log

PROJECT: CCSWDC (Sarasota Landfill)

CLIENT: Sarasota County

Field Rep: AW

FILE NO. 08-7709

Extension = 78

Test #	Date	Time	Weld Tech	Machine Number	Type Mat.	Amb. Temp	Mach Settings		Peel Specification 91 ppi			Shear Spec. 120 ppi				FTB	P/F
							Temp	Sp/PH	In / Out	In / Out	In / Out	SH	SH	SH	SH		
1	6/11	8:16	NK	W75	ST/ST	80	760	7.0	123 / 121	127 / 122	127 / 126	173	-	175	-	Y	P
1	6/11	8:20	NK	W75	T/T	80	760	7.0	peel							N	F
2	6/11	8:57	NK	W75	T/T	80	760	5.5	130 / 133	123 / 134	130 / 135	160	-	158	-	Y	P
1	6/11	1:05	MS	W95	ST/ST	86	750	8.0	123 / 122	124 / 126	123 / 12	147	-	147	-	Y	P
1	6/11	1:10	VM	X75	T/T	86	250	250	120 / -	124 / -	125 / -	161	-	155	-	Y	P
1	6/11	1:25	WT	98	ST/ST	86	760	7.0	114 / 115	133 / 149	131 / 119	145	-	145	-	Y	P
1	6/11	1:16	NK	75	T/T	86	760	7.0	133 / 128	110 / 131	131 / 136	146	-	151	-	Y	P
1	6/11	1:15	KP	N67	ST/ST	86	750	7.0	144 / 131	121 / 144	127 / 127	141	-	153	-	Y	P
1	6-11	1:20	SM	93	S/S	87	760	8.0	130 / 127	134 / 130	134 / 139	166		167		Y	P
1	6-11	2:10	WT	98	S/T	86	760	7.0	116 / 120	118 / 130	127 / 125	148		149		Y	P
1	6-11	1:15	KP	67	S/S	86	750	7.0								N	F
T	6/11	4:30	PT	56		93	260	240	113 / -	112 / -	109 / -	145		149		Y	P
1	6-12	7:44	VM	M75	T/T	81	250	250	116 / -	116 / -	122 / -	176		197		Y	P
1	6-12	8:27	NK	75	S/S	81	760	7.0	125 / 116	131 / 126	116 / 122	170		164		Y	P
1	6-12	8:30	VS	97	S/S	80	750	7.0	125 / 121	122 / 136	123 / 123	152		159		Y	P
1	6-12	8:40	SK	98	S/S	83	760	7.0	140 / 124	133 / 132	130 / 139	164		172		Y	P
1	6-12	9:15	WT	67	S/T	82	760	7.0	122 / 134	126 / 125	120 / 123	162		144		Y	P
1	6-12	1:30	VM	M75	T/T	86	250	250	123 / -	130 / -	134 / -	170		178		Y	P



Ardaman & Associates, Inc

Geotechnical, Environmental and
Materials Consultants

Daily Trial Weld Log

PROJECT: CCSWDC (Sarasota Landfill)
 CLIENT: Sarasota County
 Field Rep: AW

FILE NO. 08-7709

Extrusion = 78

Test #	Date	Time	Weld Tech	Machine Number	Type Mat.	Amb. Temp	Mach Settings		Peel Specification 91 ppi			Shear Spec. 120 ppi				FTB	P/F
							Temp	Sp/PH	In / Out	In / Out	In / Out	SH	SH	SH	SH		
1	6-12	1:10	VS	97	ST/T	86°	750	7.5	125 / 126	108 / 116	118 / 118	150		146		Y	P
1	6-12	1:08	NK	75	ST/T	86°	760	7.6	90 / Peel	33 / Peel						N	F
1	6-12	1:10	SM	98	ST/T	86°	760	8.0	124 / 122	112 / 121	126 / 129	161		158		Y	P
1	6-12	1:30	WT	67	ST/T	86°	760	7.5	111 / 111	113 / 117	117 / 116	146		142		Y	P
1	6-12	1:35	WT	67	ST/T	86°	760	7.5	109 / 125	123 / 109	119 / 124	152		127		Y	P
1	6-12	2:50	NK	75	ST/T	86°	760	7.5	119 / 119	125 / 125	125 / 125	156		156		Y	P
1	6-13	7:54	NK	75	ST/T	76°	760	7.0	98 / 133	117 / 129	126 / 104	122		175		Y	P
1	6-13	8:30	VS	53	T/T	77	260	260	114 /	125 /	134 /	155		157		Y	P
1	6-13	8:38	VM	75 Mx	T/T	77	250	250	132 /	130 /	130 /	129		192		Y	P
1	6-13	1:10	VM	85	T/T	85	250	250	128 /	130 /	137 /	151		132		Y	P
1	6-13	1:15	VS	53	T/T	85	250	250	114 /	117 /	101 /	144		143		Y	P
1	6-13	1:18	NK	75	S/T	84	760	7.0	115.2 / 116	117 / 116	117 / 119	148		141		Y	P
1	6-13	1:30	SM	98	S/T	85	760	8.0	127 / 131	132 / 117	122 / 118	157	-	146	-	Y	P
1	6-13	2:05	K.C.	W97	ST/ST	84°	760	7.0	146 / 146	146 / 116	116 / 117	139	-	142	-	Y	P
1	6-14	7:50	J.M.	X-75	T/T	77	250	250	140 / -	150 / -	143 / -	173	-	172	-	X	P
1	6-14	7:57	N.S.	W-75	ST/T	77	760	7.0	129 / 117	120 / 124	125 / 88					N	F
1	6-14	8:10	J.S.	X-83	T/T	80	260	260	125 / -	105 / -	116 / -	160	-	186	-	Y	P
2	6-14	8:50	NK	W-75	ST/T	85	760	7.0	120 / 122	117 / 117	137 / 121	169	-	173	-	Y	P



Daily Trial Weld Log

PROJECT: CCSWDC (Sarasota Landfill)

CLIENT: Sarasota County

Field Rep: AW

Extension 78

FILE NO. 08-7709

Test #	Date	Time	Weld Tech	Machine Number	Type Mat.	Amb. Temp	Mach Settings		Peel Specification 91 ppi			Shear Spec. 120 ppi				FTB	P/F			
							Temp	Sp/PH	In/Out	In/Out	In/Out	SH	SH	SH	SH					
1	06.14	1:00	XS	X-53	T/T	94	260	260	129	1 -	131	1 -	128	1 -	154	-	152	-	Y	P
1	06.14	1:10	VM	X-75	T/T	94	250	250	110	1 -	119	1 -	127	1 -	162	-	149	-	Y	P
1	06.15	7:30	VM	X-75	T/T	80°	250	250	132	1 -	133	1 -	131	1 -	168	-	163	-	Y	P
1	6-15	8:30	VS	X53	T/T	80°	260	260	94	1 -	115	1 -	123	1 -	144	-	130	-	Y	P
1	6-15	1:07	VS	X53	T/T	86°	260	260	123	1 -	128	1 -	121	1 -	140	-	139	-	Y	P
1	6-15	1:16	VM	X75	T/T	88°	250	250	128	1 -	125	1 -	127	1 -	148	-	146	-	Y	P
1	6-15	2:50	NS	W75	ST/ST	85°	760	7.0	118	122	124	120	121	121	143	-	143	-	Y	P
1	6-15	3:07	K.C	W98	ST/ST	85°	700	7.0	132	132	135	129	130	128	162	-	168	-	Y	P
1	6-15	3:10	K.P	W67	ST/ST	80°	750	7.0	117	119	118	121	121	120	155	-	153	-	Y	P
1	6-15	3:35	S.M.	W93	ST/ST	85°	760	7.0	117	116	115	122	121	120	146	-	154	-	Y	P
1	6-16	8:00	AS	W98	ST/ST	81°	760	6.5	145	145	143	144	144	144	173	-	172	-	Y	P
1	6-16	8:00	AS	W98	T/T	81°	760	6.0	132	132	131	126	135	131	167	-	169	-	Y	P
1	6-16	8:15	VS	X53	T/T	82°	260	260	87	1 -	89	1 -	93	1 -	159	-	157	-	Y	P
1	6-16	8:30	VM	X75	T/T	82°	250	250	124	1 -	135	1 -	131	1 -	165	-	165	-	Y	P
1	6-16	1:05	VS	X53	T/T	91°	260	260	138	1 -	148	1 -	131	1 -	139	-	136	-	Y	P
1	6-16		VM	X75	T/T	89°	250	250	138	1 -	140	1 -	143	1 -	153	-	153	-	Y	P
1	6-17	8:20	VM	X75	T/T	75°	250	250	127	1 -	123	1 -	127	1 -	173	-	192	-	Y	P
1	6-17	8:30	VS	X53	T/T	79°	260	250	107	1 -	110	1 -	101	1 -	163	-	163	-	Y	P



Daily Trial Weld Log

PROJECT: CCSWDC (Sarasota Landfill)

CLIENT: Sarasota County

Field Rep: AW

FILE NO. 08-7709

Extension 76

Test #	Date	Time	Weld Tech	Machine Number	Type Mat.	Amb. Temp	Mach Settings		Peel Specification 91 ppi			Shear Spec. 120 ppi				FTB	P/F
							Temp	Sp/PH	In / Out	In / Out	In / Out	SH	SH	SH	SH		
2	6/17	1:10	VS	X53	T	92	250	250	118 118	120 120	139	143			Y	P	
2	6/17	1:20	JM	X75	T	93	250	250	140 143	147 147	158	176			Y	P	
1	6/18	8:30	VS	W97	ST	92	750	7.0	127 124	121 121	127 119	163	163		Y	P	
1	6/18	8:40	N/S	W75	ST	92	760	7.0	137 141	135 139	139 137	171	173		Y	P	
1	6/18	8:40	AS	W98	ST	92	760	6.5	125 135	119 127	124 128	171	170		Y	P	
1	6/18	9:00	S.M.	W93	ST	92	750	7.0	123 133	129 133	130 142	173	170		Y	P	
1	6/18	9:00	SK	W72	ST	96	760	7.0	126 125	127 122	120 123	153	164		Y	P	
1	6/18	9:00	KP	W67	ST	96	760	7.0	131 133	131 135	133 128	170	167		Y	P	
1	6/18	1:30	VS	W97	ST	96	760	8.0	121 116	114 123	121 115	147	148		Y	P	
1	6/18	1:40	N/S	W75	ST	96	760	7.0	124 120	123 124	124 121	148	151		Y	P	
1	6/18	1:40	VS	W97	T	96	760	6.5	127 						Y	P	
1	6/18	1:40	AS	W98	ST	96	760	7.0	129 122	120 118	122 122	158	154		X	P	
1	6/18	1:35	SK	W72	ST	96	760	8.0	114 115	114 114	113 115	153	153		X	P	
1	6/18	1:45	KP	W67	ST	96	760	8.0	115 118	122 123	121 118	149	150		X	P	
1	6/18	1:35	SM	W93	ST	96	760	8.0	114 119	123 116	121 117	145	151		Y	P	
1	6/18	2:05	NK	W75	T	96	760	5.5	117 127	129 114	119 120	150	147		Y	P	
1	6/18	2:21	AS	W98	ST	96	760	7.0	121 133	119 122	121 120	151	140		Y	P	
1	6/19	7:50 ^{AM}	VS	W97	ST	81	760	7.0	130 132	132 132	137 134	182	178		Y	P	



Ardaman & Associates, Inc

Geotechnical, Environmental and
Materials Consultants

Daily Trial Weld Log

PROJECT: CCSWDC (Sarasota Landfill)
CLIENT: Sarasota County
Field Rep: AW

FILE NO. 08-7709

Test #	Date	Time	Weld Tech	Machine Number	Type Mat.	Amb. Temp	Mach Settings		Peel Specification 91 ppi			Shear Spec. 120 ppi				FTB	P/F	
							Temp	Sp/PH	In / Out	In / Out	In / Out	SH	SH	SH	SH			
1	6/19	7:52	A.S	w98	ST	81°	760	6.5	138/145	143/140	137/138	166	171			Y	P	
1	6/19	7:59	V.M	x75	T	81°	250	250	137	137	132	198	187			Y	P	
1	6/19	7:58	N.K.	w75	ST	83	760	7.0	129/128	122/132	143/139	179	177			Y	P	
1	6/19	7:45	N.K.	w75	T	84	760	7.0	129/132	127/131	140/140	155	159			Y	P	
1	6/19	8:00	KP	w67	ST	85	760	7.0	135/115	136/143	143/143	162	162			Y	P	
1	6/19	8:00	Sm	w93	ST	87	760	7.0	123/124	140/128	129/142	172	171			Y	P	
1	6/19	8:00	SK	w72	T	88	760	7.0	125/124	123/128	117/126	169	166			Y	P	
2	6/19	1:30	VM	x75	T	96	250	250	137	-	136	138	177	181			Y	P
2	6/19	1:02	NK	w75	T	96	760	7.0	125/111	121/110	131/129	153	153			Y	P	
2	6/19	1:15	AS	w98	ST	97	760	6.5	131/135	132/141	136/127	165	167			Y	P	
2	6/19	1:15	AS	w98	T	97	760	6.5	148/148	140/132	142/135	150	153			Y	P	
2	6/19	1:25	VS	w97	ST	97	760	7.0	129/114	126/117	119/128	148	146			Y	P	
2	6/19	1:25	Sm	w93	ST	96	760	8.0	182/131	130/126	131/124	157	159			Y	P	
1	6-20	7:44	VM	x75	T	80	250	250	139	130	131	162	158			Y	P	
1	6-20	8:30	VS	x53	T	83	260	260	111	103	113	152	148			Y	P	
1	6-20	11:15	BM	x56	T	103	260	250	136	124	131	160	164			Y	P	
1	6-20	1:10	VM	x75	T	90	250	250	122	133	132	166	149			Y	P	
1	6-20	1:30	VM	56	T	90	250	250	134	125	130	163	164			Y	P	



Ardaman & Associates, Inc

Geotechnical, Environmental and
Materials Consultants

Daily Trial Weld Log

PROJECT: CCSWDC (Sarasota Landfill)
 CLIENT: Sarasota County
 Field Rep: AW

FILE NO. 08-7709

Test #	Date	Time	Weld Tech	Machine Number	Type Mat.	Amb. Temp	Mach Settings		Peel Specification 91 ppi			Shear Spec. 120 ppi				FTB	P/F	
							Temp	Sp/PH	In/Out	In/Out	In/Out	SH	SH	SH	SH			
	6-20	1:40	Kc	X53	T	91°	250	250	127	129	129	135	134			Y	P	
1	6/21	8:00	ms	X53	T	80°	250	250	120	127	125	157	147			Y	P	
1	6/21	8:00	Bm	X73	T	83°	260	260	121	114	121	156	164			Y	P	
2	6/21	11:00	Bm	X73	T	91°	260	260	142	141	145	158	156			Y	P	
2	6/21	1:00	ms	X53	T	90°	250	250	127	131	131	155	157			Y	P	
1	6/22	7:30	vm	X75	T	84°	250	250	130	133	126	162	178			Yes	Pass	
1	6/22	9:30	Bm	56	T	89°	260	260	144	122	118	157	159			Yes	Pass	
2	6/22	1:06	Bm	X53	T	95°	260	260	129	140	131	147	146			yes	Pass	
2	6/22	1:30	vm	X75	T	95°	250	250	141	137	130	160	164			yes	Pass	
1	6/23	8:30	AG	W98	ST	86°	760	6.5	121	121	119	120	118	122	168	153	yes	Pass
1	6/23	8:30	SM	W93	ST	86°	760	7	139	131	131	1135	125	140	169	168	yes	Pass
1	6/23	8:35	SK	W72	ST	86°	760	7	125	125	128	129	129	123	161	161	yes	Pass
1	6/23	8:33	KP	W67	ST	87°	760	7	130	128	126	1131	131	1131	162	156	yes	Pass
1	6/23	8:50	ms	W97	ST	87°	750	7	117	122	125	120	125	118	160	155	yes	Pass
1	6/23	8:43	NK	W75	ST	87°	760	7	125	122	126	125	131	122	165	163	yes	Pass
1	6/23	8:35	NK	W75	T	87°	760	6	125	125	126	126	111	1135	160	161	yes	Pass
2	6/23	1:10	SK	W72	ST	91°	760	7	118	122	116	116	115	117	154	144	yes	Pass
2	6/23	1:15	NK	W75	T	91°	760	6	133	123	124	122	130	129	153	146	yes	Pass



Daily Trial Weld Log

PROJECT: CCSWDC (Sarasota Landfill)
 CLIENT: Sarasota County
 Field Rep: AW

FILE NO. 08-7709

Test #	Date	Time	Weld Tech	Machine Number	Type Mat.	Amb. Temp	Mach Settings		Peel Specification 91 ppi			Shear Spec. 120 ppi				FTB	P/F
							Temp	Sp/PH	In / Out	In / Out	In / Out	SH	SH	SH	SH		
2	6/23	1:15	AS	W98	ST/ST	91°	760	7	125/122	129/128	125/119	149	188			yes	Pass
1	6/23	1:25	VM	X75	T/T	91°	250	250	123/	129/	126/	182	182			yes	Pass
2	6/23	1:15	KP	W67	ST/ST	91°	760	7.0	118/124	127/127	126/124	148	145			yes	Pass
2	6/23	1:20	Sm	W93	ST/ST	91°	760	7.5	122/115	127/118	124/128	155	149			yes	Pass
1	6/24	7:50	VM	X75	T/T	77°	250	250	115/	115/	121/	167	170			yes	Pass
1	6/24	7:52	AS	W98	ST/ST	78°	700	7.0	139/123	132/140	141/130	149	151			yes	Pass
1	6/24	7:53	NK	W75	ST/ST	78°	760	7.0	124/116	118/130	130/122	184	162			yes	Pass
1	6/24	7:56	NK	W75	T/T	79°	760	5	125/108	127/127	116/121	160	163			yes	Pass
1	6/24	8:05	KP	W67	ST/ST	79°	760	7.0	136/129	125/140	151/128	166	168			yes	Pass
1	6/24	8:20	SK	W72	ST/ST	79°	760	7.0	121/124	130/130	124/136	178	179			yes	Pass
1	6/24	8:20	Sm	W93	T/T	79°	760	6.0	131/135	132/135	127/126	164	161			yes	Pass
1	6/24	8:20	Sm	W93	ST/ST	80°	760	7.0	133/125	116/122	123/125	169	171			yes	Pass
2	6/24	10:35	SK	W72	T/T	81°	760	5.5	126/134	123/122	120/134	156	169			yes	Pass
2	6/24	2:00	NK	X75	T/T	82°	250	250	146/	146/	146/	164	182			Yes	Pass
2	6/24	3:00	AS	W98	ST/ST	85°	760	6.5	117/	117/	117/					Fail	
2	6/24	1:50	NK	W75	T/T	85°	760	5.5	104/137	139/111	137/131	151	152			yes	Pass
2	6/24	1:55	NK	W75	ST/ST	85°	760	7.0	118/119	116/119	130/129	146	151			yes	Pass
2	6/27	3:05	KP	W67	ST/ST	85°	760	7.0	116/132	132/97	134/117	155	149			yes	Pass



Ardaman & Associates, Inc
 Geotechnical, Environmental and
 Materials Consultants

Daily Trial Weld Log

PROJECT: CCSWDC (Sarasota Landfill)
 CLIENT: Sarasota County
 Field Rep: AW

FILE NO. 08-7709

Test #	Date	Time	Weld Tech	Machine Number	Type Mat.	Amb. Temp	Mach Settings		Peel Specification <u>91</u> ppi			Shear Spec. <u>120</u> ppi				FTB	P/F	
							Temp	Sp/PH	In/Out	In/Out	In/Out	SH	SH	SH	SH			
2	6/24	3:00	SM	W93	T	84	760	6.0	128/131	136/130	123/129	169	152			yes	Pass	
2	6/24	3:08	SK	W72	ST	85	760	5.8	124/125	121/118	120/115	168	163			yes	Pass	
3	6/24	3:54	SM	W98	T	85	760	6.5	124/131	118/134	132/125	161	153			yes	Pass	
2	6/24	3:05	SM	W98	ST	85	760	7.0	131/128	125/131	124/120	149	166			yes	Pass	
1	6/25	7:50	NM	X75	T	78	250	250	142	147	132	163	178			yes	Pass	
1	6/25	7:45	NK	W75	ST	78	760	7.0	131/128	124/125	125/130	161	149			yes	Pass	
1	6/25	7:50	NK	W75	T	78	760	7.0	134	Reel						Fail		
1	6/25	7:55	AS	W98	ST	78	760	7.0	132/126	117/114	138/125	177	172			yes	Pass	
1	6/25	8:00	KP	W67	ST	79	760	7.0	97	129	129/128	119/112	133	157			yes	Pass
1	6/25	8:05	SM	W93	ST	79	760	7.0	135/132	124/131	132/130	173	171			yes	Pass	
1	6/25	8:07	KP	W67	ST	79	760	5.0	157	157	118/136	130/129	166	161			yes	Pass
1	6/25	8:40	NK	W75	T	80	760	5.0	128/138	138/133	133/133	153	170			yes	Pass	
2	6/25	1:19	NM	X75	T	87	250	250	138	141	136	164	174			yes	Pass	
1	6/25	1:20	VS	X53	T	87	250	250	106	150	129/193	139	140			yes	Pass	
1	6/26	7:50	NM	X75	T	79	250	250	140	135	132	176	180			yes	Pass	
1	6/26	8:15	BM	X56	T	81	260	260	99	95	124	160	162			yes	Pass	
1	6/26	11:15	NM	X61	T	83	250	250	94	116	108	160	171			yes	Pass	
2	6/26	1:20	NM	X75	T	84	260	260	136	126	131	155	156			yes	Pass	



Daily Trial Weld Log

PROJECT: Sarasota land fill

CLIENT:

Field Rep: Alan Watson

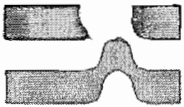
Sarasota land fill

Alan Watson

EXTENSION = 120

FILE NO: 28 7709

Test #	Date	Time	Weld Tech	Machine Number	Type Mat.	Amb. Temp	Mach Settings		F510 Peel Specification 91			82 ppi		Shear Spec. 120 ppi		FTB	P/F			
							Temp	Sp/PH	In / Out	In / Out	In / Out	SH	SH	SH	SH					
2	6/26	1:06	Bm	X56	T	84°	260	260	144	129	143	167	162			yes	Pass			
1	6/26	7:40	VM	X75	T	90°	250	250	139	135	139	170	189			yes	Pass			
1	6/27	8:00	Bm	X56	T	95°	260	260	121	142	121	123	170			yes	Pass			
1	6/27	9:25	P.T.P.	54	T	88°	260	250	127	134	148	162	163			yes	Pass			
1	6/27	9:00	L.R.	X-99	T	89°	240	260	137	140	136	151				yes	Pass			
1	6/27	9:00	S.H.	X58	T	85°	270	270	115	114	106	150	157			yes	Pass			
1	6-27-09	1:00	B.M.	X56	T	85°	260	260	125	130	129	155	158			Y	P			
1	6-27-09	1:20	VM	X75	T	85°	250	250	114	120	126	147	147			Y.	P			
1	6-27-09	1:25	S.H.	X58	T	87°	270	270	111	124	126	145	140			Y	P			
1	6-27-09	1:55	JA	X61	T	86°	270	275	139	124	111	136	140			X	P			
1	6-27-09	2:15	P.T.P.	X54	T	89°	260	250	141	142	134	157	131			Y	P			
1	6-27-09	3:00	L.R.	X59	T	88°	260	250	142	144	145	153	158			Y	P			
1	6/29/09	10:30	Bm	X68	T	86°	270	270	133	139	141	174	169			yes	Pass			
2	6/29	1:20	Bm	X68	T	88°	270	270	129	125	129	162	159			yes	Pass			
1	7/03	1:32	ANN	W98	ST	93	760	6.5	120	126	129	126	140	129	161	-	159	-	YES	PASS
1	7-03	1:30	SM	W93	T	94	760	5.9	125	124	122	127	129	127	149	-	151	-	YES	PASS.
1	7.3.09	1:40	PTP	X56	T	94	260	250	139	133	133	160	155			yes	Pass			
1	7-4-09	8:50	AS	W98	ST	84	760	6.5	128	128	134	129	141	130	168	170			yes	Pass

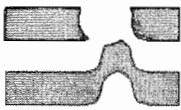


Daily Trial Weld Log

PROJECT: CCSWDC
 CLIENT: _____
 Field Rep: AW/AV

FILE NO. 08-7709

Test #	Date	Time	Weld Tech	Machine Number	Type Mat.	Amb. Temp	Mach Settings		Peel Specification			Shear Spec.		120 ppi		FTB	P/F		
							Temp	Sp/PH	In / Out	In / Out	82 ppi In / Out	SH	SH	SH	SH				
1	7/4/09	8:55	KP	W67	ST/ST	84°	760	7:0	121	125	128	127	122	115	159	162		yes	Pass
1	7/4/09	8:45	SM	W93	ST/ST	89°	760	7:0	121	122	122	118	130	123	163	166		yes	Pass
1	7/4/09	8:45	S.S	W99	ST/ST	84°	760	7:0	140	133	132	124	137	145	174	167		yes	Pass
1	7/4/09	9:16	NIS	W75	ST/ST	84°	760	7:0	129	131	129	127	133	137	171	125		yes	Pass
2	7/4/09	2:10	VM	X68	ST/ST	91	250	250	121	120	126	126	126	174	170				
2	7/4/09	1:55	SM	W93	ST/ST	91	760	6:5	121	110	119	118	116	126	153	153			
2	7/4/09	1:55	AS	W98	ST/ST	91	760	6:5	131	122	120	128	131	120	155	153			
1	7/4/09	2:05	PTP	X56	ST/ST	91	250	260	122	122	131	131	131	146	142				
2	7/4/09	2:11	KP	W67	ST/ST	91	760	7:0	120	131	130	130	130	130	157	157			
1	7/6/09	8:50	VM	X68	T/T	85°	250	250	122	131	112	112	153	156			yes	Pass	
2	7/6/09	1:10	VM	X68	T/T	92°	250	250	128	130	126	126	161	160			yes	Pass	
1	7/6/09	1:45	AS	W98	ST/ST	92°	760	7.5	120	130	128	130	138	134	155	156		Yes	Pass
1	7/6/09	1:33	NK	W75	T/T	92°	760	7.5	134	126	124	124	128	134	138	138		Yes	Pass

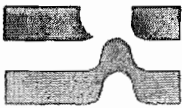


Daily Trial Weld Log

PROJECT: CCSWDC
 CLIENT: _____
 Field Rept: AW/AV

FILE NO. 08-7709

Test #	Date	Time	Weld Tech	Machine Number	Type Mat.	Amb. Temp	Mach Settings		Peel Specification			Shear Spec.		120 ppi		FTB	P/F
							Temp	Sp/PH	In / Out	In / Out	82 ppi In / Out	SH	SH	SH	SH		
1	7/6/09	1:33	NK	W75	ST/ST	92°	760	7.0	138/138	135/117	117/117	148	150			yes	Pass
1	7/6/09	1:55	Sm	W76	ST/ST	92°	760	7.5	125/128	127/126	130/132	164	162			yes	Pass
1	7/6/09	1:40	KP	W97	ST/ST	92°	760	7.0	151/181	126/131	122/117	161	162			yes	Pass
1	7/6/09	2:36	Sm	W98	ST/T	92°	760	6.5	114/128	121/115	123/127	147	157			yes	Pass
1	7/6/09	2:35	KP	W97	ST/T	92°	760	5.5	111/105	105/109	115/109	141	139			yes	Pass
1	7/7/09	2:50	AS	W90	T	95	760	6.5	114/123	127/115	123/127	157	148			yes	Pass
1	7/7/09	7:46	VM	X68	T	83	250	250	125/	126/	134/	178	180			yes	Pass
1	7/7/09	9:00	AS	W90	ST/ST	88°	760	6.5	134/131	138/131	139/132	162	164			yes	Pass
1	7/7/09	9:15	NK	W75	ST/ST	88	760	8	124/124	124/127	134/128	166	166			yes	Pass
1	7/7/09	9:10	NK	W75	T/T	88	760	5	125/130	125/111	123/127	159	160			yes	Pass
1	7/7/09	9:20	Sm	W76	ST/ST	88	760	7	121/132	137/124	138/131	165	168			yes	Pass
2	7/7/09	11:30	VM	X68	T/T	91°	250	250	132/	129/	136/	159	166			yes	Pass
1	7/8/09	10:55	H.S	W98	ST/ST	89°	760	7.0	145/133	134/143	137/135	160	161			yes	Pass
1	7/8/09	11:20	Sm	W76	ST/ST	90	760	7.0	130/121	135/126	130/132	167	166			yes	Pass
1	7/8/09	11:30	KP	W97	ST/ST	90°	760	7.0	122/124	120/120	124/122	165	166			yes	Pass
1	7/8/09	11:30	NK	W75	T/T	90°	760	5.0	103/114	121/115	118/129	157	166			yes	Pass
1	7/8/09	11:35	NK	W75	ST/ST	90°	760	7.0	123/116	125/119	125/123	155	154			yes	Pass
1	7/8/09	3:10	VM	X68	T/T	93°	250	250	134/	145/	138/	155	157			yes	Pass



Ardaman & Associates, Inc

Geotechnical, Environmental and
Materials Consultants

Daily Trial Weld Log

PROJECT:

CCSWDC

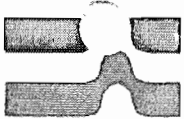
CLIENT:

Field Rep:

AW/AV

FILE NO. 08-7709

Test #	Date	Time	Weld Tech	Machine Number	Type Mat.	Amb. Temp	Mach Settings		Peel Specification		82 ppi			Shear Spec.		120 ppi		FTB	P/F
							Temp	Sp/PH	In / Out	In / Out	In / Out	SH	SH	SH	SH				
2	7/8/09	5:01	KP	w97	ST/T	92°	760	5.5	124/118	118/122	131/122	153	151					Y	P
2	7/8/09	5:03	NK	w76	ST/T	92°	760	5.5	114/124	132/112	125/116	150	149					Y	P
1	7/9/09	8:01	VM	x68	T/T	77°	250	250	128/1	125/1	130/1	163	166					yes	Pass
1	7/9/09	8:27	AM	w98	ST/ST	81°	650	6.5	145/134	138/143	149/138	174	173					yes	Pass
1	7/9/09	8:30	NK	w75	ST/ST	81°	650	7.0	124/123	123/124	125/118	167	169					yes	Pass
1	7/9/09	8:20	SM	w76	ST/ST	82°	760	7.0	126/133	124/125	121/124	169	166					yes	Pass
1	7/9/09	8:26	AS	w98	ST/T	82°	760	5.5	142/136	140/134	133/135	164	162					yes	Pass
1	7/9/09	8:25	SM	w76	T/T	83°	760	5.5	124/124	121/120	22/120	178	160					yes	Pass
1	7/9/09	8:20	KP	w97	ST/T	84°	760	5.5	138/133	132/130	126/126	148	175					yes	Pass
1	7/9/09	8:19	KP	w97	ST/ST	84°	760	6.5	126/135	130/124	138/129	167	165					yes	Pass
1	7/9/09	8:31	NK	w75	T/T	84°	760	5.5	131/140	135/121	124/135	157	160					yes	Pass
1	7/9/09	8:30	NK	w75	ST/T	84°	760	5.5	130/125	119/129	126/119	164	158					yes	Pass
2	7/9/09	1:10	VM	x68	T/T	88°	250	250	126/1	128/1	131/1	171	171					yes	Pass
2	7/9/09	1:05	AS	w98	ST/T	88°	760	5.5	123/129	129/126	122/121	152	152					yes	Pass
2	7/9/09	1:05	AS	w98	ST/ST	88°	760	6.5	128/131	127/126	136/124	162	157					yes	Pass
2	7/9/09	1:03	NK	w75	ST/T	88°	760	5.5	134/124	128/127	126/130	158	142					yes	Pass
2	7/9/09	1:04	NK	w75	T/T	88°	760	5.5	129/124	128/124	129/126	141	138					yes	Pass
2	7/9/09	1:00	NK	w75	ST/ST	88°	760	7.0	133/124	126/116	130/117	153	156					yes	Pass



Daily Trial Weld Log

PROJECT: CCSWDC
 CLIENT: _____
 Field Rep: AW/AV

FILE NO. 08-7709

Test #	Date	Time	Weld Tech	Machine Number	Type Mat.	Amb. Temp	Mach Settings		Peel Specification			Shear Spec.		120 ppi		FTB	P/F
							Temp	Sp/PH	In / Out	In / Out	82 ppi In / Out	SH	SH	SH	SH		
2	7/9/09	1:35	Sm	w76	ST/ST	89°	760	7.5	137/117	112/113	121/115	151	147			yes	Pass
2	7/9/09	1:38	KP	w97	ST/ST	89°	760	6.5	125/124	123/122	122/126	151	157			yes	Pass
1	7/10/09	7:16	VM	x56	T	76°	250	250	114/	119/	167/	187	183			yes	Pass
2	7/10/09	1:10	VM	x56	T	90	250	250	141/	139/	148/	152	154			yes	Pass
1	7/10/09	4:05	AS	w56	T	95°	760	5	117/117	124/122	124/122	136	141			yes	Pass
1	7/10/09	4:10	NK	w75	T	95	760	5.5	FAIL	Peel							F
2	7/10/09	4:20	NK	w75	T	85	760	5.5	141/140	139/137	143/129	159	154			yes	Pass
1	7/10/09	7:30	VM	x56	T	75	250	250	127/	129/	125/	176	173			yes	Pass
1	7/11/09	8:00	NK	w75	ST/ST	77	760	7.0	135/136	140/136	137/136	181	182			yes	Pass
1	7/11/09	8:20	KP	w97	ST/ST	77°	760	6.5	125/126	128/125	123/128	171	173			yes	Pass
1	7/11/09	8:26	SS	w80	ST/ST	78°	760	6.5	134/135	139/131	132/130	130	171			yes	Pass
1	7/11/09	7:55	AS	w98	T	77	760	6.5	123/132	134/128	122/125	167	170			yes	Pass
1	7/11/09	8:28	Sm	w76	T	78	760	5.0	128/127	118/113	123/124	160	163			yes	Pass
1	7/11/09	7:53	AS	w98	ST/ST	79	760	6.5	133/138	137/134	142/138	173	173			yes	Pass
2	7/11	1:00	Sm	w76	T	86	760	5.1	130/124	120/122	136/125	160	139			yes	Pass
2	7/11	1:08	NK	w75	ST/ST	86	760	7.0	117/120	119/120	111/116	151	150			yes	Pass
2	7/11	1:17	KP	w97	ST/ST	87	760	7.0	115/117	119/123	120/119	146	140			yes	Pass
2	7/11	1:15	SS	w80	ST/ST	87	760	7.5	117/126	114/122	120/124	154	151			yes	Pass

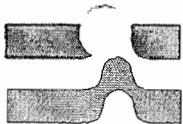


Daily Trial Weld Log

PROJECT: CCSWDC
CLIENT: _____
Field Rep: AW/AV

FILE NO. 08-7709

Test #	Date	Time	Weld Tech	Machine Number	Type Mat.	Amb. Temp	Mach Settings		Peel Specification			Shear Spec.		120 ppi		FTB	P/F		
							Temp	Sp/PH	In / Out	In / Out	In / Out	SH	SH	SH	SH				
2	7/11	1:15	VM	X56	T	89	250	250	118	121	131	149	154			Y	P		
2	7/11	1:30	AS	W98	ST	89	760	6.5	124	131	129	1127	119	128			yes	Pass	
2	7/11	1:30	AS	W98	T	89	760	5.0	132	123	128	1118	129	122			yes	Pass	
1	7/12	7:30	VM	X56	T	79	250	250	100	108	103		155	163			yes	Pass	
1	7/12	9:20	PTP	X54	T	84	250	260	120	137	145		165	151			yes	Pass	
2	7/12	1:12	VM	X56	T	82	250	250	123	125	125		163	159			yes	Pass	
1	7/12	2:00	PTP	X40	T	95	255	250	104	124	123		141	143			yes	Pass	
1	7/13	7:40	VM	X56	T	79	250	250	132	132	137		162	160			yes	Pass	
1	7/13	8:00	SS	W80	ST	80	760	7.0	119	127	129	125	128	122			yes	Pass	
1	7/13	8:08	NK	W75	ST	80	760	7.0	127	137	127	140	132	124			yes	Pass	
1	7/13	8:40	Sm	W76	ST	80	760	7.0	135	130	128	131	132	131			yes	Pass	
1	7/13	8:02	KP	W97	ST	80	760	6.5	128	135	135	130	133	142			yes	Pass	
1	7/13	8:45	PTP	X40	T	81	255	250	138	147	148		163	161			YES	PASS	
1	7/13	8:50	AS	W98	ST	81	760	6.5	121	124	119	125	142	124			YES	PASS	
1	7/13	9:30	AS	W98	T	82	760	4.5	149	132	152	132	135	161	160			YES	PASS
2	7/13	1:10	SS	W80	ST	89	760	7.5	116	123	131	129	143	129			yes	Pass	
2	7/13	1:10	SS	X56	T	88	250	250	136	146	152		189	181			yes	Pass	
2	7/13	1:15	PTP	X40	T	88	250	250	135	134	140		147	150			yes	Pass	



Ardaman & Associates, Inc

Geotechnical, Environmental and

Materials Consultants

Daily Trial Weld Log

PROJECT: CCSW DC

CLIENT: _____

Field Rep: AW/AV

Extension 91

FILE NO. 08-779

Test #	Date	Time	Weld Tech	Machine Number	Type Mat.	Amb. Temp	Mach Settings		Peel Specification 70			Shear Spec. 120 ppi				FTB	P/F
							Temp	Sp/PH	In / Out	In / Out	82 ppi In / Out	SH	SH	SH	SH		
2	7/13/09	1:30	NK	W75	ST/ST	89	760	7.0	120 133	138 132	126 130	162	163			yes	Pass
2	7/13/09	1:45	AS	W98	ST/ST	89	760	6.5	131 135	143 130	147 129	165	177			yes	Pass
1	7/14/09	7:30	VM	X56	T/T	76	250	250	111 -	113 -	129 -	183	187			yes	Pass
1	7/14/09	8:00	P.T.P	X40	T/T	78	250	250	104 -	122 -	125 -	160	164			Yes	Pass
1	7-14-09	1:05	P.T.P	X40	T/T	91	250	250	126 -	133 -	130 -	150	-	147	-	YES	Pass
1	7-14-09	1:10	V.M	X56	T/T	91	250	250	128 -	141 -	146 -	154	-	155	-	YES	Pass
1	7/14/09	1:30	VM	X68	T/T	91	250	250	133 -	133 (173)	126 -	155	-	156	-	YES	Pass
1	7-15-09	7:50	UM	X68	T/T	79	250	250	141 -	119 -	125 -	165	-	164	-	Y	P
1	7-15-09	8:31	KP	W97	ST/ST	80	760	7.0	128 143	137 138	141 141	172	-	176	-	Y	P
1	7-15-09	8:18	SS	W80	ST/ST	80	760	7.0	131 128	137 129	135 134	172	-	172	-	X	P
1	7-15-09	8:30	SM	W76	ST/ST	840	760	7.0	134 145	139 148	132 134	175	-	175	-	X	P
1	7-15-09	8:17	AS	W98	ST/ST	840	760	6.0	153 135	135 136	139 135	165	-	166	-	Y	P
1	7-15-09	8:25	NK	W75	ST/ST	85	760	7.0	133 126	133 130	136 132	168	-	155	-	Y	P
1	7-15-09	8:20	AS	W98	T/T	86	760	5.0	128 133	130 128	131 115	147	-	152	-	X	P
1	7-15-09	8:30	KP	W97	T/T	86	760	5.5	140 138	141 130	147 139	165	-	159	-	Y	P
1	7-15-09	8:22	NK	W75	T/T	86	760	5.5	122 115	133 132	126 119	158	-	158	-	Y	P
1	7-15-09	1:40	VM	X68	T/T	89	750	250	105 -	116 -	122 -	157	-	156	-	Y	P
1	7-15-09	2:08	KP	W97	ST/ST	89	760	7.0	125 130	131 129	133 127	161	-	160	-	X	P



Ardaman & Associates, Inc
 Geotechnical, Environmental and
 Materials Consultants

Daily Trial Weld Log

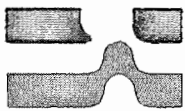
PROJECT: CCSWDC (Sarasota Landfill)

CLIENT: Sarasota County

Field Rep: ALLEN WATSON / ANTONIO VARGAS EXTRUSION 920

FILE NO. 08-7709

Test #	Date	Time	Weld Tech	Machine Number	Type Mat.	Amb. Temp	Mach Settings		Fusion Peel Specification <u>98</u>			Shear Spec. <u>91</u>				FTB	P/F
							Temp	Sp/PH	In / Out	In / Out	ppi	SH	SH	SH	SH		
1	7-15-09	2:00	SM	W76	ST/ST	90°	760	7.5	124 / 129	131 / 130	134 / 133	158	-	161	-	Y	P
1	7-15-09	2:00	AS	W98	ST/ST	90°	760	6.0	127 / 129	118 / 124	123 / 122	155	-	158	-	Y	P
1	7-15-09	2:05	SS	W80	ST/ST	91°	760	7.0	132 / 121	124 / 131	124 / 122	156	-	157	-	Y	P
1	7-15-09	1:50	NK	W72	ST/ST	92°	760	7.0	135 / 131	125 / 126	138 / 119	154	-	155	-	Y	P
1	7-15-09	1:45	NK	W72	T/T	92°	760	5.0	128 / 134	130 / 129	130 / 135	146	-	147	-	Y	P
1	7-15-09	2:05	AS	W98	T/T	92°	760	5.0	124 / 123	134 / 124	137 / 117	147	-	149	-	Y	P
1	7-15-09	4:15	AS	W98	S/T	92°	760	5.0	126 / 126	130 / 129	124 / 123	155	-	152	-	Y	P
1	7-16-09	7:30	VM	X68	T/T	77°	250	250	140 / -	139 / -	143 / -	163	-	165	-	X	P
1	7-16-09	7:35	SS	W98	T/T	77°	760	5.0	137 / 138	138 / 142	137 / 127	159	-	161	-	Y	P
1	7-16-09	7:40	SS	W98	ST/ST	77°	760	6.0	142 / 130	128 / 141	139 / 131	177	-	177	-	X	P
1	7-16-09	7:49	KP	W98	ST/ST	81°	760	5.0	133 / 134	132 / 146	137 / 135	178	-	175	-	Y	P
1	7-16-09	7:51	KP	W97	ST/ST	80°	760	7.0	137 / 129	138 / 139	128 / 143	179	-	177	-	Y	P
1	7-16-09	7:50	SM	W76	ST/ST	81°	760	7.0	127 / 130	136 / 131	134 / 129	171	-	170	-	Y	P
1	7-16-09	7:55	SM	W76	T/T	80°	760	5.5	130 / 140	138 / 133 144 / 132	139 / 132 131 / 129	158	-	151	-	Y	P
1	7-16-09	7:50	SS	W80	ST/ST	82°	760	7.0	128 / 126	133 / 131	132 / 141	163	-	157	-	X	P
1	7-16-09	10:30	PTP	X40	T/T	87°	250	250	134 / -	126 / -	124 / -	153	-	152	-	Y	P
1	7-16-09	1:10	PTP	X40	T/T	90°	250	250	135 / -	129 / -	126 / -	141	-	147	-	X	P
1	7-16-09	1:15	VM	X68	T/T	91°	250	250	126 / -	124 / -	127 / -	169	-	170	-	Y	P



Daily Trial Weld Log

PROJECT: CC SW DC
CLIENT: SARASOTA COUNTY
Field Rep: ALEN WATSON / ANTONIO VARGAS extension 78

FILE NO. 08-7709

Test #	Date	Time	Weld Tech	Machine Number	Type Mat.	Amb. Temp	Mach Settings		Weld Specification		82 ppl			Shear Spec.		120 ppl		FTB	P/F
							Temp	Sp/PH	In / Out	In / Out	In / Out	SH	SH	SH	SH				
1	07.17.09	7:55	PTP	X-61	T	77	250	250	136 -	135 -	125 -	150	-	157	-	YES	PASS		
(*) 1	07.17.09	8:05	VM	X-68	T	77	250	250	130 -	127 -	129 -	169	-	174	-	YES	PASS		
2	07.17.09	1:10	PTP	X-61	T	92	250	250	120 -	126 -	123 -	138	-	137	-	YES	PASS		
(*) 2	07.17.09	1:20	VM	X-68	T	68	250	250	150 -	153 -	149 -	162	-	159	-	YES	PASS		
(*) 1	07.15.09	7:30	KP	W-97	ST		760	7.0	133 124	131 128	142 126	171	-	175	-	YES	PASS		
(*) 1	07.15.09	5:05	SM	W-96	ST		760	7.0	133 118	135 121	140 117	177	-	173	-	YES	PASS		
(*) 1	07.19.09	7:30	V.M.	X-68	T	78°	250	250	135 -	136 -	116 -					NO	FAILED		
(*) 2	07.18.09	8:10	VM	X-68	T	81°	250	250	149 -	148 -	150 -	157	-	161	-	YES	PASS		
1	07.20.09	7:30	SM	W76	ST	88°	760	7.0	124 125	129 126	124 117	149	-	157	-	Y	P		
1	7-20-09	8:10	AS	W98	ST	88°	760	5.0	129 128	133 131	137 112	155	-	157	-	Y	P		
1	7-20-09	1:52	KP	W97	ST	88°	760	7.0	133 134	131 134	121 132	160	-	158	-	Y	P		
1	7-20	1:50	NK	W72	ST	88°	760	7.0	127 126	135 126	135 126	158	-	162	-	Y	P		
1	7-20-09	1:48	NK	W72	T	88°	760	5.5	110 119	125 124	114 124	154	-	147	-	Y	P		
1	7-20-09	3:05	AS	W98	ST	88°	760	6.5	125 128	134 126	112 109	143	-	143	-	Y	P		
1	07.21.09	7:50	AS	W98	ST	74°	760	6.5	139 131	135 147	137 134	181	-	183	-	Y	P		
(*) 1	07.21.09	8:10	VM	X-68	T	74°	250	250	153 -	150 -	140 -	170	-	167	-	Y	P		
(*) 1	07.21.09	8:09	NK	W95	T	75°	760	5.5	140 142	149 140	145 128	169	-	177	-	Y	P		
(*) 1	07.21.09	8:04	NK	W72	ST	75°	760	7.0	143 134	140 131	148 136	191	-	191	-	Y	P		

(*) (*) (*) COUPONS FROM SEAMS WELDED ON 07.15.09. WEDGER WELDN'T TESTED AFTER (5) HOURS.

(1) 343/343 # (2) 345/346 (*) TENSIDMETER N: 89022

Daily Trial Weld Log

PROJECT: CCSWDC
 CLIENT: SARASOTA County
 Field Rep: Allen WATSON / Antonio VAKSASS

FILE NO. 08-7709

Extrusion 78

Test #	Date	Time	Weld Tech	Machine Number	Type Mat.	Amb. Temp	Mach Settings		Peel Specification 91 82 ppi			Shear Spec. 120 ppi				FTB	P/F
							Temp	Sp/PH	In / Out	In / Out	In / Out	SH	SH	SH	SH		
1	7-28-09	9:15	KP	N97	T	84°	760	5.5	140 / 137	140 / 132	128 / 125	158	-	156	-	Y	P
1	7-28-09	9:20	KP	W97	T	86°	760	5.5	123 / 126	133 / 119	130 / 133	158	-	150	-	Y	P
1	7-28-09	1:20	VM	X68	T	94°	250	2.50	140 / -	135 / -	140 / -	152	-	160	-	Y	P
1	07-29-09	7:30	VM	X68	T	78°	250	2.50	105 / -	132 / -	134 / -	169	-	172	-	Y	P
1	07-29-09	7:40	V.M.	X68	T	79	250	2.50	91 / -	96 / -	93 / -	171	-	183	-	Y	P
1	7-30-09	1:20	VM	X68	T	92°	250	2.50	117 / -	126 / -	118 / -	166	-	180	-	Y	P
1	7-31-09	1:30	VM	X68	T	84°	250	2.50	93 / -	117 / -	118 / -	167	-	157	-	Y	P
1	08-01-09	11:30	SV	X40	T	95°	250	2.60	104 / -	107 / -	116 / -	128	-	132	-	Y	P
1	08-05-09	3:00	ZB	X40	T	96°	250	2.50	180 / -	116 / -	120 / -	143	-	148	-	Y	P
1	08-06-09	8:30	ZB W98	W98	ST	82°	800	8.5	119 / 135	141 / 142	141 / 144	165	-	169	-	Y	P
1	08-06-09	8:35	ZB W98	W98	ST	84	800	8.0	55 /							N	F
1	08-06-09	1:35	A.S.	W98	ST	87	760	7.5	126 / 125	121 / 127	128 / 130	169	-	149	-	Y	P
1	8-7-09	8:05	A.S.	W98	ST	77°	760	7.5	136 / 130	138 / 138	143 / 143	182	-	187	-	Y	P
1	8-7-09	8:06	A.S.	W98	ST	77°	760	6.5	131 / 130	131 / 137	141 / 124	168	-	180	-	Y	P
1	8-7-09	10:57	A.S.	W.98	T	88°	750	5.3	137 / 137	137 / 135	127 / 127	166	-	167	-	Y	P
1	8-7-09	1:00	AS	W98	ST	96°	760	7.5	121 / 121	119 / 116	112 / 124	159	-	149	-	Y	P
1	8-7-09	1:03	AS	W98	ST	96°	760	7.5	117 / 119	113 / 118	111 / 121	135	-	133	-	Y	P
1	8-7-09	1:06	AS	W98	T	96°	760	7.5	119 / 122	128 / 119	120 / 116	135	-	134	-	Y	P

⊗ TENSIO METER NAL -1007

42/47



Daily Trial Weld Log

PROJECT: C.C.S.W.D.C. (Sarasota Landfill)
 CLIENT: Sarasota County
 Field Rep: Allen Watson / Antonio J Vargas

FILE NO. 08-7709

Extrusion = 78

Test #	Date	Time	Weld Tech	Machine Number	Type Mat.	Amb. Temp	Mach Settings		Peel Specification (Fusion)		91 ppi	Shear Spec.		120 ppi		FTB	P/F
							Temp	Sp/PH	In / Out	In / Out	In / Out	SH	SH	SH	SH		
1	8.8.09	8:20	A.S.	W-98	ST/ST	79°	760	7.5	136 / 132	129 / 133	132 / 144	167	-	165	-	Y	P
1	8.8.09	8:26	A.S.	W-98	ST/T	79°	760	5.5	132 / 130	131 / 138	134 / 130	162	-	158	-	Y	P
1	8.8.09	8:37	A.S.	W-98	T/T	79°	760	5.5	136 / 132	137 / 137	138 / 132	165	-	162	-	Y	P
1	8.8.09	13:30	A.S.	W-97	T/T	95°	760	5.5	134 / 128	137 / 134	131 / 123	143	-	147	-	Y	P
1	8.8.09	13:35	A.S.	W-97	ST/ST	95°	760	7.5	122 / 119	135 / 116	120 / 122	154	-	152	-	Y	P
1	8-10-09	8:35	KC	W97	ST/ST	82°	760	7.5	127 / 132	131 / 122	134 / 125	171	-	173	-	Y	P
1	8-10-09	8:36	KC	W97	ST/T	82°	760	6.5	125 / 134	140 / 134	138 / 132	163	-	165	-	Y	P
1	8-10-09	1:18	KC	W97	T/T	98°	760	5.5	139 / 139	150 / 137	146 / 138	155	-	149	-	Y	P
1	8-10-09	1:18	KC	W97	ST/ST	98°	760	7.5	125 / 123	123 / 118	133 / 126	159	-	159	-	Y	P
1	8-10-09	1:22	KC	W97	ST/ST	98°	760	6.5	137 / 130	131 / 123	132 / 136	159	-	159	-	Y	P
1	8-11-09	8:05	KC	W97	ST/T	80°	760	6.5	132 / 140	136 / 139	136 / 137	175	-	170	-	Y	P
1	8-11-09	8:00	KC	W97	T/T	80°	760	5.5	152 / 132	135 / 146	138 / 134	160	-	170	-	Y	P
1	8-11-09	1:10	KC	W97	T/T	97°	760	5.5	141 / 134	143 / 134	140 / 132	180	-	154	-	Y	P
1	8-11-09	3:50	ZB	K40	T/T	97°	250	250	117 / -	109 / -	122 / -	136	-	142	-	Y	P
1	8-12-09	9:00	KC	X54	T/T	83°	250	260	109 / -	121 / -	117 / -	148	-	152	-	Y	P
2	8/12/09	1:30	KC	X54	T/T	80°	250	260	117 / -	116 / -	121 / -	176	-	169	-	Y	P
1	8/13/09	7:55	KC	X54	T/T	78°	256	260	107 / -	107 / -	114 / -	157	165			Y	P
2	8/13/09	11:15	KC	X54	T/T	94°	250	260	111 / -	140 / -	152 / -	149	158			Y	P



Daily Trial Weld Log

PROJECT: C.C.S.W.D.C. (Sarasota Landfill)
CLIENT: Sarasota County
Field Rep: Allen Watson / Antonio J Vargas

FILE NO. 08-7709

Extrusion = 78

Test #	Date	Time	Weld Tech	Machine Number	Type Mat.	Amb. Temp	Mach Settings		Peel Specification (Fusion)			Shear Spec.				FTB	P/F
							Temp	Sp/PH	In / Out	In / Out	91 ppi In / Out	SH	SH	SH	SH		
1	08-13-09	4:20	K.S.	X93	T/T	94	250	260	1101 -	1121 -	1211	158	-	149	-	Y	P.
1	8/14/09	7:30	K.S.	X93	T/T	79	267	257	1041	1341	1281	169		164		Y	P
1	8/14/09	9:50	K.C.	X56	T/T	85	256	250	1281	1251	1071	170		166		Y	P
2	8/14/09	1:20	K.C.	X56	T/T	87	250	250	1191	1131	1201	148		155		Y	P
2	8/14/09	1:15	K.S.	X93	T/T	87	267	257	1321	1121	1361	154		151		Y	P
1	8/15/09	8:15	K.C.	X56	T/T	80	250	250	1121	Full Peel							F
2	8/15/09	7:30	K.S.	X73	T/T	80	257	257	1271	1291	1141	156		162		Y	P
1	8/15/09	8:15	K.C.	X56	T/T	80	250	250	1021	1001	991	142		166		Y	P
1	8/15/09	13:20	K.C.	X56	T/T	94	250	260	1091	1051	1101	148		141		Y	P
2	8/15/09	13:10	K.S.	X73	T/T		267	257	1251	1171	1241	158		154		Y	P
1	8/17/09	8:10	K.S.	X73	T/T	79	267	257	1201	1271	1291	171		164		Y	P
1	8/17/09	9:15	K.C.	X56	T/T	80	250	260	991	1131	1041	162		154		Y	P
2	8/17/09	11:30	K.S.	X73	T/T	97	260	250	1361	1281	1361	139		143		Y	P
2	8/17/09	2:10	K.B.	X-40	T/T	96	250	250	1091 -	1161 -	1221	141	-	154		Y	P
1	8/18/09	6:40	K.C.	X-40	T/T	77	250	260	1391	1521	1341	167		170		Y	P
2	8/18/09	8:00	K.S.	X73	T/T	79	257	267	1351	1441	1331	153		154		Y	P
2	8-18-09	1:30	K.C.	X-55	T/T	95	250	260	1101 -	1311	1121 -	152		152		Y	P
1	08-19-09	8:05	K.C.	X-55	T/T	85	250	260	991 -	1061 -	1211 -	158		161		Y	P



Ardaman & Associates, Inc

Geotechnical, Environmental and
Materials Consultants

Daily Trial Weld Log

PROJECT: C.C.S.W.D.C. (Sarasota Landfill)

CLIENT: Sarasota County

Field Rep: Allen Watson / Antonio J Vargas

Extrusion = 78

FILE NO. 08-7709

Test #	Date	Time	Weld Tech	Machine Number	Type Mat.	Amb. Temp	Mach Settings		Peel Specification (Fusion)			Shear Spec.				FTB	P/F
							Temp	Sp/PH	In / Out	In / Out	In / Out	91 ppi	120 ppi				
							Temp	Sp/PH	In / Out	In / Out	In / Out	SH	SH	SH	SH		
1	08-19-09	8:00	K.S.	X-73	T/T	81°	267	257	129 -	113 -	141 -	162	-	175	-	Y	P
1	8-19-09	1:15	K.C.	X55	T/T	97°	250	260	120 -	129 -	132 -	149	-	143	-	Y	P
2	08-19-09	2:00	K.S.	X-73	T/T	96°	267	257	119 -	126 -	117 -	144	-	140	-	Y	P
1	08-20-09	8:36	M.C.	W-97	T/T	85°	750	5.0	124 126	128 127	122 137	177	-	170	-	Y	P
1	08-20-09	8:31	A.S.	W-98	ST/ST	85°	750	6.5	147 133	147 132	147 135	162	-	168	-	Y	P
2	08-20-09	8:30	M.C.	W-97	ST/T	85°	750	5.5	132 136	132 136	115 134	166	-	165	-	Y	P
1	8-20-09	1:35	AS	W98	ST/ST	98°	750	6.5	131 120	120 132	115 111	156	-	165	-	Y	P
1	8-20-09	1:00	MC	W97	ST/T	98°	750	5.0	114 125	127 119	122 122	137	-	146	-	Y	P
1	8-20-09	1:00	MC	W97	T/T	98°	750	5.0	111 114	110 115	117 115	140	-	145	-	Y	P
1	8-20-09	1:50	ZB	X55	T/T	98°	250	250	100 -	98 -	98 -	146	-	151	-	Y	P
1	8-21-09	8:10	UM	X73	T/T	80°	250	250	96 -	100 -	105 -	150	-	160	-	Y	P
1	8-21-09	8:00	MC	W97	ST/T	82°	750	5.0	127 118	120 135	118 123	169	-	170	-	Y	P
1	8-21-09	8:00	MC	W97	T/T	82°	750	5.0	145 137	132 143	132 133	184	-	176	-	Y	P
1	8-21-09	8:00	AS	W98	ST/ST	82°	750	6.5	131 125	125 130	136 130	165	-	165	-	Y	P
1	8-21-09	8:15	ZB	X55	T/T	85°	250	250	108 -	112 -	100 -					N	F
1	8-21-09	9:00	ZB	X55	T/T	87°	250	250	134 -	128 -	126 -	158	-	162	-	Y	P
1	8/22/09	8:00	VM	X73	T/T	79°	250	250	111 -	101 -	103 -	171	-	169	-	Y	P
2	8/22/09	1:11	VM	X73	T/T	91°	250	250	148 -	141 -	148 -	162	-	158	-	Y	P



Daily Trial Weld Log

PROJECT: C.C.S.W.D.C. (Sarasota Landfill)
 CLIENT: Sarasota County
 Field Rep: Allen Watson / Antonio J Vargas

FILE NO. 08-7709

Extrusion = 78

Test #	Date	Time	Weld Tech	Machine Number	Type Mat.	Amb. Temp	Mach Settings		Peel Specification (Fusion)		91 ppi		Shear Spec. 120 ppi		FTB	P/F			
							Temp	Sp/PH	In/Out	In/Out	In/Out	SH	SH	SH			SH		
1	8/23/09	8:00	VM	X73	T/T	78°	250	250	90	103	117	159	-	167	Y	P			
1	8/23/09	8:30	MC	W97	ST	81°	750	6.5	126	122	127	114	113	125	188	-	175	Y	P
1	8-23-09	8:20	AS	W98	ST	81°	750	6.5	143	134	145	133	133	139	164	-	166	Y	P
1	8/23/09	10:05	AS	W98	T/T	80	750	6.5	114	126	Fail	Fail	Peel				N	Fail	
2	8/23/09	10:50	AS	W98	T/T	91	750	5.5	120	130	125	138	127	126	150	-	155	Y	P
2	8/23/09	1:10	MC	W97	ST	94°	750	5.0	133	127	134	130	127	139	163	-	159	Y	P
2	8/23/09	1:20	VM	X73	T/T	97°	250	250	140	-	134	-	130	-	158	-	163	Y	P
1	8/23/09	2:00	PTP	X40	T/T	94	250	250	121	-	121	-	119	-	148	-	149	Y	P
7	8.23.09	3:00	KS	X55	T/T	93	260	250	127	-	124	-	FAILED					N	F
2	08-23-09	3:40	KS	X-55	T/T	91	260	250	182	-	110	-	117	-	152	-	163	Y	P
1	8-24-09	8:30	KC	X73	T/T	79°	260	260	Peel									N	F
1	8-24-09	8:40	KC	X73	T/T	79°	250	260	146	-	143	-	110	-	168	-	169	X	P
1	8-24-09	1:30	KS	X73	T/T	97°	257	267	114	-	115	-	108	-	156	-	154	Y	P
1	8-25-09	10:00	KS	X73	T/T	87°	257	267	120	-	115	-	128	-	163	-	160	Y	P
1	8-26-09	8:50	KC	X73	T/T	79°	260	250	Peel									N	F
1	8-26-09	9:15	KC	X73	T/T	80°	260	250	118	-	106	-	118	-	163	-	164	Y	P
1	8-26-09	9:30	KS	X73	T/T	84°	267	257	109	-	102	-	109	-	164	-	158	Y	P
1	8-27-09	8:07	B.M	X-73	T/T	77°	260	250	150	-	128	-	125	-	163	-	166	Y	P



Daily Trial Weld Log

PROJECT: C.C.S.W.D.C. (Sarasota Landfill)
 CLIENT: Sarasota County
 Field Rep: Allen Watson / Antonio J Vargas

FILE NO. 08-7709

Extrusion = 78

Test #	Date	Time	Weld Tech	Machine Number	Type Mat.	Amb. Temp	Mach Settings		Peel Specification (Fusion)		91 ppi	Shear Spec. 120 ppi		FTB	P/F
							Temp	Sp/PH	In / Out	In / Out	In / Out	SH	SH		
1	8-27-09	1:05	BM	X73	T/T	90	260	250	143	137	151	144	160	Y	P
1	8-28-09	8:30	BM	X73	T/T	90	250	260	102	124	115	160	164	X	P
1	8-31-09	1:30	KC	X73	T/T	92	260	250	113	108	101	143	148	Y	P
1	09-08-09	2:30	BM	X73	T/T	90	260	260	154	143	122	163	167	X	P
1	09-08-09	2:50	KS	X-55	T/T	89	265	250	193	146	140	151	157	Y	P
1	09-09-09	8:40	KS	X-55	T/T	88	265	250	105	126	127	176	174	Y	P
1	09-09-09	1:40	KS	X-55	T/T	89	260	250	109	117	113	156	150	Y	P
1	09-10-09	8:55	K.S	X-55	T/T	87	265	250	125	113	131	165	168	Y	P
1	09-10-09	2:45	K.S	X-55	T/T	89	265	250	132	142	136	168	174	Y	P
1	09-18-09	8:00	B.M.	X-73	T/T	80	260	260	132	124	107	170	175	Y	P
1	09-18-09	8:47	K.S	X-55	T/T	82	260	250	111	120	127	180	162	Y	P
1	09-18-09	1:15	B.M.	X-73	T/T	98	260	260	133	138	135	168	155	Y	P
1	09-18-09	1:40	K.S.	X-55	T/T	98	260	250	109	110	118	164	158	Y	P
1	09-19-09	8:00	B.M	X-73	T/T	83	260	260	136	135	142	176	171	Y	P

APPENDIX 2

**Panel Seaming Logs
Secondary Liner**

(blank)



**GSI
PANEL SEAMING FORM**

PROJECT NAME:	Sarasota County Phase 2
PROJECT NO.:	29005
MATERIAL TYPE:	60 mil HDPE LINER
MTL LAYER:	Secondary (CELL 1)
QC NAME:	TAH

SEAM NO.	DATE	TIME	SEAM LENGTH	SEAMER INT	MACHINE NO.	Wedge / Barrel	Speed / Preheat	Comments
001/002	04/27/09	1555	523	VCI	84	750	5	
001/012	04/29/09	1741	22	FS	80	750	6	
001/TIE IN	04/28/09	1012	522	VCI	84	750	4.5	
002/003	04/27/09	1612	522	NS	71	750	6	
002/012	04/30/09	1115	15	VM	E-75	750	250	
002/013	04/29/09	1753	22	FS	80	750	6	
003/004	04/27/09	1645	520	SS	75	750	5.5	
003/014	04/29/09	1800	22	FS	80	750	6	
003/015	04/30/09	1000	5	VM	E-75	250	250	
004/005	04/27/09	1748	265	VCI	84	725	5	SEOS -265
004/005	04/27/09	1756	249	NS	71	750	5.5	265-NEOS
004/015	04/29/09	1817	22	FS	80	750	6	
005/006	04/28/09	1532	515	KS	72	750	6	
005/016	04/29/09	1811	22	FS	80	750	6	
006/007	04/28/09	1431	520	NS	71	750	5.5	
006/017	04/29/09	1808	22	FS	80	750	6	
007/008	04/28/09	1453	523	VCI	84	750	5	
007/017	04/30/09	1020	15	VM	E-75	750	250	
007/018	04/29/09	1807	22	KS	72	750	5	

GSI
PANEL SEAMING FORM

PROJECT NAME:	Sarasota County Phase 2
PROJECT NO.:	29005
MATERIAL TYPE:	60 mil HDPE LINER
MTL LAYER:	Secondary (CELL 1)
QC NAME:	TAH

SEAM NO.	DATE	TIME	SEAM LENGTH	SEAMER INT	MACHINE NO.	Wedge / Barrel	Speed / Preheat	Comments
008/009	04/28/09	1522	523	SS	75	750	6	
008/019	04/29/09	1802	22	KS	72	750	5	
009/010	04/28/09	1643	521	NS	71	750	6	
009/020	04/29/09	1758	22	KS	72	750	5	
010/011	04/28/09	1730	519	VCI	84	750	5	
010/021	05/01/09	900	22	VCI	72	750	5	
010/022	05/01/09	940	10	VM	E-75	750	250	
011/022	05/01/09	905	22	VCI	72	250	5	
011/052	05/03/09	1110	521	SS	75	750	6	
012/013	04/29/09	1424	512	VCI	84	750	5	
012/054	05/05/09	1044	22	TS	85	750	4.5	
012/TIE IN	04/30/09	958	516	VCI	72	250	5	
013/014	04/29/09	1430	506	SS	75	750	6	
013/054	05/05/09	1039	22	TS	85	750	4.5	
014/015	04/29/09	1505	504	SS	71	750	5.5	
014/072	05/05/09	1034	22	TS	85	750	4.5	
015/016	04/29/09	1535	505	FS	80	750	6	
015/073	05/05/09	1029	22	TS	85	750	4.5	
016/017	04/29/09	1547	510	KS	72	750	6.1	



GSI
PANEL SEAMING FORM

PROJECT NAME:	Sarasota County Phase 2
PROJECT NO.:	29005
MATERIAL TYPE:	60 mil HDPE LINER
MTL LAYER:	Secondary (CELL 1)
QC NAME:	TAH

SEAM NO.	DATE	TIME	SEAM LENGTH	SEAMER INT	MACHINE NO.	Wedge / Barrel	Speed / Preheat	Comments
016/074	05/05/09	1024	22	TS	85	750	4.5	
016/076	05/05/09	1720	4	VM	E-75	750	250	
017/018	04/29/09	1618	514	VCI	84	750	5	
017/076	05/05/09	1105	22	TS	85	750	4.5	
018/019	04/29/09	1647	515	SS	75	750	6	
018/076	05/05/09	1755	5	VM	E-75	250	250	
018/078	05/05/09	1110	22	TS	85	750	4.5	
019/020	04/29/09	1715	517	VS	71	750	5.5	
019/078	05/05/09	1855	4	VM	E-75	750	250	
019/079	05/05/09	1115	22	TS	85	750	4.5	
020/021	04/30/09	1025	518	VS	71	250	5.5	
020/080	05/05/09	1120	22	TS	85	750	4.5	
021/022	04/30/09	1117	521	SS	75	750	6	
021/084	05/05/09	1345	22	TS	85	750	4.5	
022/052	05/03/09	1320	7	VCI	72	750	5	
022/053	05/03/09	1322	517	VCI	72	750	5	
022/086	05/05/09	1350	22	TS	85	750	4.5	
023/024	04/30/09	1500	515	VCI	85	750	5	
023/031	05/01/09	1010	512	VS	71	750	5.5	



**GSI
PANEL SEAMING FORM**

PROJECT NAME:	Sarasota County Phase 2
PROJECT NO.:	29005
MATERIAL TYPE:	60 mil HDPE LINER
MTL LAYER:	Secondary (CELL 1)
QC NAME:	TAH

SEAM NO.	DATE	TIME	SEAM LENGTH	SEAMER INT	MACHINE NO.	Wedge / Barrel	Speed / Preheat	Comments
023/046	05/02/09	1902	22	SS	75	750	4	
024/025	04/30/09	1540	512	VS	71	750	5.5	
024/045	05/02/09	1908	22	SS	75	750	4	
025/026	04/30/09	1630	510	SS	75	750	6	
025/044	05/02/09	1914	22	SS	75	750	4	
026/027	04/30/09	1655	514	VCI	85	750	5	
026/043	05/02/09	1921	22	SS	75	750	4	
027/028	04/30/09	1845	512	VS	71	750	5.5	
027/042	05/02/09	1926	22	SS	75	750	4	
028/029	04/30/09	1859	513	SS	75	750	6	
028/041	05/02/09	1922	22	FS	80	750	4.5	
029/030	04/30/09	1914	253	VCI	85	750	5	257-ELOS
029/030	04/30/09	1926	257	KS	72	750	5.4	0-257
029/040	05/02/09	1927	22	FS	80	750	4.5	
030/039	05/02/09	1934	22	FS	80	750	4.5	
030/092	05/06/09	1607	517	VCI	72	750	5.5	
031/047	05/02/09	1856	22	SS	75	750	4	
039/040	05/01/09	714	515	VCI	85	750	5	
039/093	05/06/09	1700	515	VCI	72	750	5.5	



**GSI
PANEL SEAMING FORM**

PROJECT NAME:	Sarasota County Phase 2
PROJECT NO.:	29005
MATERIAL TYPE:	60 mil HDPE LINER
MTL LAYER:	Secondary (CELL 1)
QC NAME:	TAH

SEAM NO.	DATE	TIME	SEAM LENGTH	SEAMER INT	MACHINE NO.	Wedge / Barrel	Speed / Preheat	Comments
039/102	05/14/09	1051	22	SP	73	750	4.5	
040/041	05/02/09	959	510	VCI	72	750	5.5	
040/104	05/14/09	1040	22	SP	73	750	4.5	
041/042	05/02/09	1020	515	SS	75	750	6	
041/106	05/14/09	1025	22	SP	73	750	4.5	
042/043	05/02/09	1136	511	FS	90	750	5.5	
042/107	05/14/09	1019	22	SP	73	750	4.5	
043/044	05/02/09	1331	511	VCI	72	750	5.5	
043/108	05/14/09	1004	22	SP	73	750	4.5	
044/045	05/02/09	1410	513	SS	75	750	6	
044/109	05/14/09	955	22	SP	73	750	4.5	
045/046	05/02/09	1449	512	FS	90	750	5.7	
045/110	05/14/09	951	22	SP	73	750	4.5	
046/047	05/02/09	1530	513	VCI	72	750	5.5	
046/111	05/14/09	934	22	SP	73	750	4.5	
047/112	05/14/09	928	22	SP	73	750	4.5	
052/053	05/03/09	1209	22	VCI	72	750	5	
052/092	05/06/09	1620	115	SS	75	750	6	
052/094	05/07/09	1035	20	TS	85	750	5	



**GSI
PANEL SEAMING FORM**

PROJECT NAME:	Sarasota County Phase 2
PROJECT NO.:	29005
MATERIAL TYPE:	60 mil HDPE LINER
MTL LAYER:	Secondary (CELL 1)
QC NAME:	TAH

SEAM NO.	DATE	TIME	SEAM LENGTH	SEAMER INT	MACHINE NO.	Wedge / Barrel	Speed / Preheat	Comments
052/095	05/07/09	1115	75	TS	85	750	5	
052/096	05/07/09	1330	105	TS	85	750	5	
052/097	05/07/09	1355	86	TS	85	250	5	
052/098	05/07/09	1045	82	TS	85	750	5	
053/088	05/05/09	1355	22	TS	85	750	4.5	
053/093	05/06/09	1715	184	SS	75	750	6	0-184
053/093	05/06/09	1810	336	TS	85	750	4.5	184-ELOS
053/094	05/07/09	1030	30	TS	85	750	5	
054/055	05/04/09	1004	48	VCI	72	750	5.5	
054/072	05/04/09	1650	22	SS	75	750	4.4	
054/TIE IN	05/04/09	913	22	VCI	74	750	4.4	
055/056	05/04/09	1010	48	SS	75	750	6	
055/072	05/04/09	1655	20	SS	75	750	4.4	
055/TIE IN	05/04/09	918	22	VCI	74	750	4.4	
056/057	05/04/09	1019	49	VCI	72	750	5.5	
056/071	05/04/09	1701	22	SS	75	750	4.4	
056/TIE IN	05/04/09	923	22	VCI	74	750	4.4	
057/058	05/04/09	1025	48	SS	75	750	6	
057/071	05/04/09	1706	22	SS	75	750	4.4	



**GSI
PANEL SEAMING FORM**

PROJECT NAME:	Sarasota County Phase 2
PROJECT NO.:	29005
MATERIAL TYPE:	60 mil HDPE LINER
MTL LAYER:	Secondary (CELL 1)
QC NAME:	TAH

SEAM NO.	DATE	TIME	SEAM LENGTH	SEAMER INT	MACHINE NO.	Wedge / Barrel	Speed / Preheat	Comments
057/TIE IN	05/04/09	928	22	VCI	74	750	4.4	
058/059	05/04/09	1030	48	VCI	72	750	5.5	
058/071	05/04/09	1711	22	SS	75	750	4.4	
058/TIE IN	05/04/09	933	22	VCI	74	750	4.4	
059/060	05/04/09	1035	49	SS	75	750	6	
059/071	05/04/09	1716	22	SS	75	750	4.4	
059/TIE IN	05/04/09	938	22	VCI	74	750	4.4	
060/061	05/04/09	1043	48	VCI	72	750	5.5	
060/071	05/04/09	1721	22	SS	75	750	4.4	
060/TIE IN	05/04/09	943	22	VCI	74	750	4.4	
061/062	05/04/09	1045	49	SS	75	750	6	
061/071	05/04/09	1726	22	SS	75	750	4.4	
061/TIE IN	05/04/09	948	22	VCI	74	750	4.4	
062/063	05/04/09	1055	50	VCI	72	750	5.5	
062/071	05/04/09	1731	22	SS	75	750	4.4	
062/TIE IN	05/04/09	953	22	VCI	74	750	4.4	
063/064	05/04/09	1100	51	SS	75	750	6	
063/071	05/04/09	1736	22	SS	75	750	4.4	
063/TIE IN	05/04/09	958	22	VCI	74	750	4.4	



**GSI
PANEL SEAMING FORM**

PROJECT NAME:	Sarasota County Phase 2
PROJECT NO.:	29005
MATERIAL TYPE:	60 mil HDPE LINER
MTL LAYER:	Secondary (CELL 1)
QC NAME:	TAH

SEAM NO.	DATE	TIME	SEAM LENGTH	SEAMER INT	MACHINE NO.	Wedge / Barrel	Speed / Preheat	Comments
064/065	05/04/09	1107	50	VCI	72	750	5.5	
064/071	05/04/09	1741	22	SS	75	750	4.4	
064/TIE IN	05/04/09	1003	22	VCI	74	750	4.4	
065/066	05/04/09	1115	35	SS	75	750	6	
065/071	05/04/09	1756	22	SS	75	750	4.4	
065/TIE IN	05/04/09	1008	22	VCI	74	750	4.4	
066/067	05/04/09	1135	14	VCI	72	750	5.5	
066/069	05/07/09	928	22	VCI	72	750	4.5	
066/070	05/07/09	923	22	VCI	72	750	4.5	
066/TIE IN	05/04/09	1013	12	VCI	74	750	4.4	
067/068	05/07/09	935	11	VCI	72	750	4.5	
067/TIE IN	05/04/09	1016	9	VCI	74	750	4.4	
068/069	05/07/09	940	10	VCI	74	750	4.4	
069/070	05/04/09	1145	43	SS	75	750	6	
070/071	05/04/09	1758	64	SS	75	750	4.4	
071/072	05/04/09	1510	22	VCI	72	750	5.5	
071/073	05/04/09	1533	287	SS	75	750	6	
072/073	05/04/09	1524	45	SS	75	750	6	
073/074	05/04/09	1529	123	VCI	72	750	5.5	



**GSI
PANEL SEAMING FORM**

PROJECT NAME:	Sarasota County Phase 2
PROJECT NO.:	29005
MATERIAL TYPE:	60 mil HDPE LINER
MTL LAYER:	Secondary (CELL 1)
QC NAME:	TAH

SEAM NO.	DATE	TIME	SEAM LENGTH	SEAMER INT	MACHINE NO.	Wedge / Barrel	Speed / Preheat	Comments
073/075	05/04/09	1611	228	VCI	72	750	5.5	
074/075	05/04/09	1600	22	VCI	72	750	5.5	
074/076	05/04/09	1711	107	VCI	72	750	5.5	
074/077	05/04/09	1734	17	VCI	72	750	5.5	
075/077	05/04/09	1736	248	VCI	72	750	5.5	
076/077	05/04/09	1703	22	VCI	72	750	5.5	
076/078	05/04/09	1742	110	FS	80	750	6	
077/078	05/04/09	1800	277	FS	80	750	6	
078/079	05/04/09	1800	372	SS	75	750	6	
079/080	05/04/09	1835	141	VCI	72	750	5.5	
079/081	05/04/09	1850	174	FS	80	750	6	
079/082	05/05/09	900	30	SS	75	750	6	
080/081	05/04/09	1823	22	VCI	72	750	5.5	
080/083	05/05/09	930	50	SS	75	750	6	
080/084	05/05/09	920	85	SS	75	750	6	
081/082	05/05/09	1110	22	FS	80	750	6	
081/083	05/05/09	941	170	SS	75	750	6	
082/083	05/05/09	941	40	SS	75	750	6	
083/084	05/05/09	1010	22	TS	85	750	4.5	



GSI
PANEL SEAMING FORM

PROJECT NAME:	Sarasota County Phase 2
PROJECT NO.:	29005
MATERIAL TYPE:	60 mil HDPE LINER
MTL LAYER:	Secondary (CELL 1)
QC NAME:	TAH

SEAM NO.	DATE	TIME	SEAM LENGTH	SEAMER INT	MACHINE NO.	Wedge / Barrel	Speed / Preheat	Comments
083/085	05/05/09	1018	205	FS	80	750	6	
083/086	05/05/09	1111	65	VCI	72	750	4.5	
084/086	05/05/09	1050	94	VCI	72	750	4.5	
085/086	05/05/09	1136	11	FS	80	750	6	
085/087	05/05/09	1353	204	FS	80	750	6	
086/087	05/05/09	1125	10	SS	75	750	6	
086/088	05/05/09	1050	145	SS	75	750	6	
087/088	05/05/09	1126	22	FS	80	750	6	
087/099	05/13/09	1115	24	SP	73	750	6	
087/100	05/13/09	1349	185	SP	73	750	6	
088/099	05/13/09	1435	148	SP	73	750	6	
092/093	05/06/09	1720	22	TS	85	750	4.5	
092/094	05/07/09	956	47	SS	75	750	6	
092/095	05/07/09	1020	75	SS	75	750	6	
092/096	05/07/09	1040	105	SS	75	750	6	
092/097	05/07/09	1110	86	SS	75	750	6	
092/098	05/07/09	1000	82	SS	75	750	6	
093/094	05/07/09	940	22	SS	75	750	6	
093/099	05/14/09	1055	22	SP	73	750	4.5	



**GSI
PANEL SEAMING FORM**

PROJECT NAME:	Sarasota County Phase 2
PROJECT NO.:	29005
MATERIAL TYPE:	60 mil HDPE LINER
MTL LAYER:	Secondary (CELL 1)
QC NAME:	TAH

SEAM NO.	DATE	TIME	SEAM LENGTH	SEAMER INT	MACHINE NO.	Wedge / Barrel	Speed / Preheat	Comments
094/098	05/07/09	1420	6	VM	E-75	250	250	
095/096	05/07/09	1710	3	VM	E-75	250	250	
096/097	05/07/09	1736	5	VM	E-75	750	250	
099/100	05/13/09	1145	22	TS	88	750	4.5	
099/101	05/13/09	1459	148	MS	87	750	5.5	
099/102	05/13/09	1439	84	MS	87	750	5.5	
100/101	05/13/09	1427	64	MS	87	750	5.5	
101/102	05/13/09	1155	22	TS	88	750	4.5	
101/103	05/13/09	1415	148	SS	75	750	6	
101/104	05/13/09	1445	151	SS	75	750	6	
102/104	05/13/09	1510	84	SS	75	750	6	
103/104	05/13/09	1320	22	TS	88	750	4.5	
103/105	05/13/09	1330	148	TS	88	750	5.5	
104/105	05/13/09	1357	137	TS	88	750	5.5	
104/106	05/13/09	1422	109	TS	88	750	5.5	
105/106	05/13/09	1309	22	TS	88	750	4.5	
105/107	05/13/09	1430	281	VCI	72	750	5.5	
106/107	05/13/09	1521	109	VCI	72	750	5.5	
107/108	05/13/09	1506	368	MS	87	750	5.5	



**GSI
PANEL SEAMING FORM**

PROJECT NAME:	Sarasota County Phase 2
PROJECT NO.:	29005
MATERIAL TYPE:	60 mil HDPE LINER
MTL LAYER:	Secondary (CELL 1)
QC NAME:	TAH

SEAM NO.	DATE	TIME	SEAM LENGTH	SEAMER INT	MACHINE NO.	Wedge / Barrel	Speed / Preheat	Comments
108/109	05/13/09	1506	387	SP	73	750	6	
109/110	05/13/09	1524	387	SS	75	750	6	
110/111	05/13/09	1600	399	TS	88	750	5.5	
111/112	05/13/09	1605	222	VCI	72	750	5.5	176-ELOS
111/112	05/14/09	840	176	VCI	72	750	5.5	0-176



GSI
PANEL SEAMING FORM

PROJECT NAME:	Sarasota County Phase 2
PROJECT NO.:	29005
MATERIAL TYPE:	60 Mil HDPE
MTL LAYER:	SECONDARY
QC NAME:	L Alston

SEAM NO.	DATE	TIME	SEAM LENGTH	SEAMER INT	MACHINE NO.	Wedge / Barrel	Speed / Preheat	Comments
031/032	05/01/09	1335	513	SS	75	750	6	
032/033	05/01/09	1045	513	VCI	72	750	5.5	
032/048	05/02/09	1850	22	SS	75	750	4	
033/034	05/01/09	1325	516	VS	71	750	6	
033/049	05/02/09	1913	22	FS	80	750	4.5	
034/035	05/01/09	1410	516	SS	75	750	5.5	
034/050	05/02/09	1908	22	FS	80	750	4.5	
035/036	05/01/09	1400	517	VCI	72	750	5.5	
035/051	05/02/09	1902	22	FS	80	750	4.5	
035/089	05/07/09	1732	5	VM	75	250	250	See Repair # 317
036/037	05/01/09	1520	160	VS	71	750	6	0-160
036/037	05/01/09	1634	356	VS	90	750	6	160-ELOS
036/089	05/07/09	905	22	VCI	72	750	4.5	
037/038	05/01/09	1610	515	SS	75	750	6	
037/090	05/07/09	900	22	VCI	72	750	4.5	
038/091	05/05/09	1752	22	TS	85	750	4.5	
038/123	05/26/09	1423	515	VM	87	760	7	
047/048	05/02/09	1600	514	SS	75	750	6	
048/049	05/02/09	1630	514	FS	80	750	5.7	



GSI
PANEL SEAMING FORM

PROJECT NAME:	Sarasota County Phase 2
PROJECT NO.:	29005
MATERIAL TYPE:	60 Mil HDPE
MTL LAYER:	SECONDARY
QC NAME:	L Alston

SEAM NO.	DATE	TIME	SEAM LENGTH	SEAMER INT	MACHINE NO.	Wedge / Barrel	Speed / Preheat	Comments
048/113	05/14/09	914	22	SP	73	750	4.5	
049/050	05/02/09	1713	515	KS	93	750	5.5	
049/114	05/14/09	906	22	SP	73	750	4.5	
050/051	05/02/09	1723	515	VCI	72	750	5.5	
050/189	06/10/09	1745	22	NK	75	760	7	
051/089	05/05/09	1600	515	TS	85	750	5.5	
051/190	06/10/09	1740	22	NK	75	760	7	
051/192	06/10/09	710	3	VM	75	250	250	See Repair # 709
089/090	05/05/09	1605	517	SS	75	750	4.5	
089/192	06/10/09	1735	22	NK	75	760	7	
090/091	05/05/09	1620	517	VCI	72	750	4	
090/194	06/10/09	1730	22	NK	75	760	7	
091/133	05/27/09	858	510	NK	90	760	7	
091/195	06/10/09	1725	22	NK	75	760	7	
091/196	06/10/09	1855	5	VM	75	250	250	See Repair # 712
112/113	05/14/09	840	380	SS	75	750	6.5	
113/114	05/14/09	915	379	VCI	72	750	5.5	
114/189	06/10/09	1000	363	MS	97	750	7	
115/116	05/26/09	1035	514	VCI	85	750	7	



GSI
PANEL SEAMING FORM

PROJECT NAME:	Sarasota County Phase 2
PROJECT NO.:	29005
MATERIAL TYPE:	60 Mil HDPE
MTL LAYER:	SECONDARY
QC NAME:	L Alston

SEAM NO.	DATE	TIME	SEAM LENGTH	SEAMER INT	MACHINE NO.	Wedge / Barrel	Speed / Preheat	Comments
115/125	05/26/09	1940	22	TS	81	760	6	
115/135	05/28/09	902	514	NK	90	760	7	
116/117	05/26/09	1048	514	NK	90	760	7	
116/126	05/26/09	1945	22	TS	81	760	6	
117/118	05/26/09	1110	519	BM	87	760	7	
117/127	05/26/09	1955	22	TS	81	760	6	
118/119	05/26/09	1125	519	TS	81	760	7	
118/128	05/26/09	2000	22	TS	81	760	6	
119/120	05/26/09	1155	520	SM	93	760	6	
119/129	05/26/09	2005	22	TS	81	760	6	
120/121	05/26/09	1400	520	NK	90	760	7	
120/130	05/26/09	2010	22	TS	81	760	6	
121/122	05/26/09	1405	521	VCI	85	750	7	
121/131	05/26/09	2015	22	TS	81	760	6	
122/132	05/26/09	2020	22	TS	81	760	6	
122/145	05/28/09	1535	154	TS	81	760	7	0-154
122/145	05/28/09	1620	360	TS	81	760	7	154-ELOS
123/124	05/26/09	1640	515	TS	81	760	5.5	
123/133	05/27/09	1121	14	NK	90	760	7	



**GSI
PANEL SEAMING FORM**

PROJECT NAME:	Sarasota County Phase 2
PROJECT NO.:	29005
MATERIAL TYPE:	60 Mil HDPE
MTL LAYER:	SECONDARY
QC NAME:	L Alston

SEAM NO.	DATE	TIME	SEAM LENGTH	SEAMER INT	MACHINE NO.	Wedge / Barrel	Speed / Preheat	Comments
124/134	05/27/09	1114	22	TS	81	760	5.5	
124/145	05/28/09	1552	515	BM	87	760	7	
125/126	05/26/09	1644	518	NK	90	760	7	
125/143	05/28/09	1338	515	VS	93	760	6.5	
125/211	06/10/09	1910	22	NK	75	760	7	
126/127	05/26/09	1700	512	SM	93	760	7	
126/209	06/10/09	1916	22	NK	75	760	7	
127/128	05/26/09	1727	512	VCI	85	750	7	
127/208	06/10/09	1921	22	NK	75	760	7	
128/129	05/26/09	1756	515	BM	87	760	7	
128/207	06/10/09	1926	22	NK	75	760	7	
129/130	05/26/09	1816	514	NK	90	760	7	
129/205	06/10/09	1931	22	NK	75	760	7	
130/131	05/26/09	1835	514	SM	93	760	7	
130/203	06/10/09	1941	22	NK	75	760	7	
131/132	05/26/09	1858	514	VCI	85	750	7	
131/202	06/10/09	1946	22	NK	75	760	7	
132/152	05/29/09	915	516	VS	97	760	6.5	
132/199	06/10/09	1951	22	NK	75	760	7	



GSI
PANEL SEAMING FORM

PROJECT NAME:	Sarasota County Phase 2
PROJECT NO.:	29005
MATERIAL TYPE:	60 Mil HDPE
MTL LAYER:	SECONDARY
QC NAME:	L Alston

SEAM NO.	DATE	TIME	SEAM LENGTH	SEAMER INT	MACHINE NO.	Wedge / Barrel	Speed / Preheat	Comments
133/134	05/27/09	942	510	TS	81	760	5.5	
133/196	06/10/09	1720	14	NK	75	760	7	
134/152	05/29/09	840	510	SM	93	750	6	
134/197	06/10/09	1715	22	NK	75	760	7	
135/136	05/28/09	857	516	VCI	85	750	7	
135/143	05/28/09	1920	22	SM	76	760	5.5	
136/137	05/28/09	914	516	TS	81	760	7	
136/144	05/28/09	1915	22	SM	76	760	5.5	
137/138	05/28/09	955	518	VS	93	760	6.5	
137/146	05/28/09	1910	22	SM	76	760	5.5	
138/139	05/28/09	1004	518	BM	87	760	7	
138/147	05/28/09	1905	22	SM	76	760	5.5	
139/140	05/28/09	1026	517	NK	90	760	7	
139/148	05/28/09	1900	22	SM	76	760	5.5	
140/141	05/28/09	1052	517	VCI	85	750	7	
140/149	05/28/09	1855	22	SM	76	760	5.5	
141/142	05/28/09	1140	518	VS	93	760	6.5	
141/150	05/28/09	1850	22	SM	76	760	5.5	
142/151	05/28/09	1845	22	SM	76	760	5.5	



**GSI
PANEL SEAMING FORM**

PROJECT NAME:	Sarasota County Phase 2
PROJECT NO.:	29005
MATERIAL TYPE:	60 Mil HDPE
MTL LAYER:	SECONDARY
QC NAME:	L Alston

SEAM NO.	DATE	TIME	SEAM LENGTH	SEAMER INT	MACHINE NO.	Wedge / Barrel	Speed / Preheat	Comments
142/183	06/04/09	925	518	VS	76	760	7	
143/144	05/28/09	1352	515	NK	90	760	7	
143/212	06/10/09	945	22	NK	75	760	7	
144/146	05/28/09	1523	515	NK	90	760	7	
144/213	06/10/09	940	22	NK	75	760	7	
145/152	05/29/09	1830	22	SM	93	760	7	
146/147	05/28/09	1540	513	VS	93	760	6.5	
146/215	06/11/09	1350	22	NK	75	760	7	
147/148	05/28/09	1650	513	NK	90	760	7	
147/217	06/11/09	1345	22	NK	75	760	7	
148/149	05/28/09	1715	514	VS	93	760	6.5	
148/219	06/11/09	1339	22	NK	75	760	7	
149/150	05/28/09	1743	514	VCI	97	750	7	
149/221	06/11/09	1333	22	NK	75	760	7	
150/151	05/28/09	1845	514	VS	93	760	6.5	
150/223	06/11/09	1440	22	NK	75	760	7	
151/186	06/04/09	1145	515	VS	76	760	7	
151/223	06/12/09	1620	4	VM	75	250	250	See Repair # 775
151/224	06/11/09	1435	22	NK	75	760	7	



GSI
PANEL SEAMING FORM

PROJECT NAME:	Sarasota County Phase 2
PROJECT NO.:	29005
MATERIAL TYPE:	60 Mil HDPE
MTL LAYER:	SECONDARY
QC NAME:	L Alston

SEAM NO.	DATE	TIME	SEAM LENGTH	SEAMER INT	MACHINE NO.	Wedge / Barrel	Speed / Preheat	Comments
152/198	06/10/09	1956	22	NK	75	760	7	
153/154	05/29/09	1130	114	NK	90	760	7	406-ELOS
153/154	05/29/09	1120	406	VCI	72	760	7	0-406
153/161	05/29/09	1800	22	SM	93	750	7	
153/169	06/01/09	1120	511	MS	97	750	6.5	
154/155	05/29/09	1120	520	SM	93	760	7	
154/162	05/29/09	1805	22	SM	93	750	7	
155/156	05/29/09	1145	519	VS	97	760	6.5	
155/163	05/29/09	1810	22	SM	93	750	7	
156/157	05/29/09	1159	519	BM	76	750	5	
156/164	05/29/09	1820	22	SM	93	750	7	
157/158	05/29/09	1415	519	BM	76	760	7	
157/165	06/02/09	935	22	VS	97	750	6	
158/159	05/29/09	1432	515	VCI	72	750	7	
158/166	06/02/09	939	22	VS	97	750	6	
159/160	05/29/09	1457	515	NK	81	760	7	
159/167	06/02/09	943	22	VS	97	750	6	
160/168	06/02/09	947	22	VS	97	750	6	
160/184	06/04/09	1017	517	NK	75	760	7	



**GSI
PANEL SEAMING FORM**

PROJECT NAME:	Sarasota County Phase 2
PROJECT NO.:	29005
MATERIAL TYPE:	60 Mil HDPE
MTL LAYER:	SECONDARY
QC NAME:	L Alston

SEAM NO.	DATE	TIME	SEAM LENGTH	SEAMER INT	MACHINE NO.	Wedge / Barrel	Speed / Preheat	Comments
161/162	05/29/09	1615	520	SM	93	760	7	
161/176	06/01/09	1606	515	NK	75	760	7	
161/239	06/11/09	1920	22	NK	75	760	7	
162/163	05/29/09	1645	519	VS	97	750	7.5	
162/238	06/11/09	1903	22	NK	75	760	7	
163/164	05/29/09	1653	519	BM	76	760	7	
163/237	06/11/09	1908	22	NK	75	760	7	
164/165	06/01/09	930	520	MS	97	750	6.5	
164/235	06/11/09	1826	22	NK	75	760	7	
165/166	06/01/09	958	518	NK	75	760	7	
165/233	06/11/09	1830	22	NK	75	760	7	
166/167	06/01/09	1029	518	SM	93	760	7	
166/232	06/11/09	1752	22	NK	75	760	7	
167/168	06/01/09	1043	518	JW	72	780	7	
167/229	06/11/09	1756	8	NK	75	760	7	
167/R # 621	06/11/09	1758	15	NK	75	760	7	
168/188	06/04/09	1636	518	NK	75	760	7	
168/228	06/11/09	1650	22	NK	75	760	7	
169/170	06/01/09	1133	511	NK	75	760	7	



GSI
PANEL SEAMING FORM

PROJECT NAME:	Sarasota County Phase 2
PROJECT NO.:	29005
MATERIAL TYPE:	60 Mil HDPE
MTL LAYER:	SECONDARY
QC NAME:	L Alston

SEAM NO.	DATE	TIME	SEAM LENGTH	SEAMER INT	MACHINE NO.	Wedge / Barrel	Speed / Preheat	Comments
169/176	06/02/09	859	22	VS	97	750	6	
170/171	06/01/09	1205	516	SM	93	760	7	
170/177	06/02/09	855	22	VS	97	750	6	
171/172	06/01/09	1437	516	NK	75	760	7	
171/178	06/02/09	851	22	VS	97	750	6	
172/173	06/01/09	1450	519	JW	72	780	7	
172/179	06/02/09	847	22	VS	97	750	6	
173/174	06/01/09	1455	519	MS	97	750	7	
173/180	06/02/09	843	22	VS	97	750	6	
174/175	06/01/09	1510	518	SM	93	760	8	
174/181	06/02/09	835	22	VS	97	750	6	
175/182	06/02/09	839	22	VS	97	750	6	
175/241	07/04/09	950	440	NK	75	760	7	
175/243	07/04/09	1105	78	NK	75	760	7	
176/177	06/01/09	1630	515	MS	97	750	7	
176/239	07/16/09	1540	5	PTP	E-40	250	250	See Repair # 1036
176/333	07/15/09	1520	20	NK	75	760	5.5	
177/178	06/01/09	1645	516	SM	93	760	8	
177/333	07/16/09	1544	2	PTP	E-40	250	250	See Repair # 1037



**GSI
PANEL SEAMING FORM**

PROJECT NAME:	Sarasota County Phase 2
PROJECT NO.:	29005
MATERIAL TYPE:	60 Mil HDPE
MTL LAYER:	SECONDARY
QC NAME:	L Alston

SEAM NO.	DATE	TIME	SEAM LENGTH	SEAMER INT	MACHINE NO.	Wedge / Barrel	Speed / Preheat	Comments
177/334	07/15/09	1516	22	NK	75	760	5.5	
178/179	06/01/09	1715	517	JW	72	750	7	
178/336	07/15/09	1512	19	NK	75	760	5.5	
179/180	06/01/09	1740	517	NK	75	760	7	
179/336	07/17/09	820	3	PTP	E-61	250	250	See Repair # 1039
179/338	07/15/09	1508	19	NK	75	760	5.5	
180/181	06/01/09	1811	517	MS	97	750	7	
180/339	07/15/09	1505	19	NK	75	760	5.5	
181/182	06/01/09	1830	515	SM	93	760	7	
181/340	07/15/09	1603	19	NK	75	760	5.5	
182/243	07/06/09	1520	13	VM	68	250	250	
182/249	07/06/09	1422	507	NK	75	750	7	
182/341	07/15/09	1558	19	NK	75	760	5.5	
183/185	06/04/09	1100	520	MJ	72	750	7	
183/186	06/04/09	1830	9	VM	75	250	250	
184/185	06/04/09	1047	520	SM	93	760	7	
184/188	06/04/09	1825	22	NK	75	760	7	
185/187	06/04/09	1830	22	NK	75	760	7	
186/187	06/04/09	1618	520	MJ	72	760	6	



**GSI
PANEL SEAMING FORM**

PROJECT NAME:	Sarasota County Phase 2
PROJECT NO.:	29005
MATERIAL TYPE:	60 Mil HDPE
MTL LAYER:	SECONDARY
QC NAME:	L Alston

SEAM NO.	DATE	TIME	SEAM LENGTH	SEAMER INT	MACHINE NO.	Wedge / Barrel	Speed / Preheat	Comments
186/225	06/11/09	1430	9	NK	75	760	7	
187/188	06/04/09	1630	520	SM	93	760	7	
187/226	06/11/09	1702	22	NK	75	760	7	
188/227	06/11/09	1657	22	NK	75	760	7	
189/190	06/10/09	1034	386	NK	75	760	7	
190/191	06/10/09	1140	129	KP	67	750	7	
190/192	06/10/09	1100	250	KP	67	750	7	
191/192	06/10/09	1332	22	NK	75	760	7	
191/193	06/10/09	1320	124	SM	93	760	7	
192/193	06/10/09	1152	134	SM	93	760	7	
192/194	06/10/09	1009	116	SM	93	760	7	
193/194	06/10/09	1340	22	NK	75	760	7	
193/195	06/10/09	1215	264	MJ	72	750	7	
194/195	06/10/09	1205	116	MS	97	750	7	
195/196	06/10/09	1405	377	SM	93	760	7	
196/197	06/10/09	1520	377	NK	75	760	7	
197/198	06/10/09	1534	379	MS	97	750	7	
198/199	06/10/09	1635	386	KP	67	750	7	
199/200	06/10/09	1620	129	SM	93	760	7	



GSI
PANEL SEAMING FORM

PROJECT NAME:	Sarasota County Phase 2
PROJECT NO.:	29005
MATERIAL TYPE:	60 Mil HDPE
MTL LAYER:	SECONDARY
QC NAME:	L Alston

SEAM NO.	DATE	TIME	SEAM LENGTH	SEAMER INT	MACHINE NO.	Wedge / Barrel	Speed / Preheat	Comments
199/201	06/10/09	1640	141	SM	93	760	7	
199/202	06/10/09	1700	116	SM	93	760	7	
200/201	06/10/09	1812	22	NK	75	760	7	
200/203	06/10/09	1700	129	MS	97	750	7	
201/202	06/10/09	1755	22	NK	75	760	7	
201/203	06/10/09	1730	141	MS	97	750	7	
202/203	06/10/09	1745	116	MS	97	750	7	
203/204	06/10/09	1740	129	SM	93	760	7	
203/205	06/10/09	1800	250	SM	93	760	7	
204/205	06/10/09	1806	22	NK	75	760	7	
204/206	06/10/09	1745	127	KP	67	750	7	
205/206	06/10/09	1807	133	KP	67	750	7	
205/207	06/10/09	1810	116	SK	98	760	7	
206/207	06/10/09	1802	22	NK	75	760	7	
206/208	06/10/09	1808	260	MS	97	750	7	
207/208	06/10/09	1853	116	MS	97	750	7	
208/209	06/10/09	1830	379	SK	98	760	7	
209/210	06/10/09	1835	129	KP	67	750	7	
209/211	06/10/09	1910	102	MS	97	750	7	148-ELOS



GSI

PANEL SEAMING FORM

PROJECT NAME:	Sarasota County Phase 2
PROJECT NO.:	29005
MATERIAL TYPE:	60 Mil HDPE
MTL LAYER:	SECONDARY
QC NAME:	L Alston

SEAM NO.	DATE	TIME	SEAM LENGTH	SEAMER INT	MACHINE NO.	Wedge / Barrel	Speed / Preheat	Comments
209/211	06/10/09	1847	148	NK	75	760	7	0-148
210/211	06/10/09	1844	22	NK	75	760	7	
210/212	06/10/09	1900	129	KP	67	750	7	
211/212	06/10/09	1855	28	KP	67	750	7	222-ELOS
211/212	06/10/09	1910	222	SM	93	760	7	0-222
212/213	06/11/09	838	135	MS	97	750	7	
212/214	06/11/09	900	247	MS	97	750	7	
213/214	06/11/09	1007	22	NK	75	750	7	
213/215	06/11/09	920	135	WT	98	760	7	
214/215	06/11/09	946	247	WT	98	760	7	
215/216	06/11/09	1020	136	KP	67	750	7	
215/217	06/11/09	942	247	KP	67	750	7	
216/217	06/11/09	1025	22	NK	75	750	7	
216/218	06/11/09	1100	136	SM	93	760	7	
217/218	06/11/09	1030	130	SM	93	760	7	
217/219	06/11/09	1010	118	SM	93	760	7	
218/219	06/11/09	1035	22	NK	75	750	7	
218/220	06/11/09	1104	267	MS	97	750	7	
219/221	06/11/09	1045	116	MS	97	750	7	



GSI
PANEL SEAMING FORM

PROJECT NAME:	Sarasota County Phase 2
PROJECT NO.:	29005
MATERIAL TYPE:	60 Mil HDPE
MTL LAYER:	SECONDARY
QC NAME:	L Alston

SEAM NO.	DATE	TIME	SEAM LENGTH	SEAMER INT	MACHINE NO.	Wedge / Barrel	Speed / Preheat	Comments
220/221	06/11/09	1046	22	NK	75	750	7	
220/222	06/11/09	1122	267	WT	98	760	7	
221/223	06/11/09	1105	116	WT	98	760	7	
222/223	06/11/09	1122	22	NK	75	750	7	
222/224	06/11/09	1144	269	KP	67	750	7	
223/224	06/11/09	1124	110	KP	67	750	7	
224/225	06/11/09	1345	385	MS	97	750	7	
225/226	06/11/09	1445	384	WT	98	760	7	
226/227	06/11/09	1325	10	KP	67	750	7	
226/240	06/24/09	1110	259	SK	72	760	5.5	112-ELOS
226/240	06/24/09	1150	112	SK	93	760	6	0-112
227/228	06/11/09	1520	384	SM	93	760	7	
227/240	06/24/09	1055	371	NK	75	760	5.5	
228/229	06/11/09	1537	382	MS	97	750	7	
229/230	06/11/09	1600	138	WT	98	760	7	
229/231	06/11/09	1627	132	WT	98	760	7	
229/232	06/11/09	1645	107	WT	98	760	7	
230/231	06/11/09	1723	22	NK	75	750	7	
230/233	06/11/09	1640	138	KP	67	750	7	



**GSI
PANEL SEAMING FORM**

PROJECT NAME:	Sarasota County Phase 2
PROJECT NO.:	29005
MATERIAL TYPE:	60 Mil HDPE
MTL LAYER:	SECONDARY
QC NAME:	L Alston

SEAM NO.	DATE	TIME	SEAM LENGTH	SEAMER INT	MACHINE NO.	Wedge / Barrel	Speed / Preheat	Comments
231/232	06/11/09	1715	22	NK	75	750	7	
231/233	06/11/09	1704	132	KP	67	750	7	
232/233	06/11/09	1730	107	KP	67	750	7	
233/234	06/11/09	1700	137	SM	93	760	7	
233/235	06/11/09	1720	242	SM	93	760	7	
234/235	06/11/09	1730	22	NK	75	750	7	
234/236	06/11/09	1727	137	MS	97	750	7	
235/236	06/11/09	1750	134	MS	97	750	7	
235/237	06/11/09	1815	106	MS	97	750	7	
236/237	06/11/09	1843	22	NK	75	750	7	
236/238	06/11/09	1753	281	WT	98	760	7	
237/238	06/11/09	1839	106	WT	98	760	7	
238/239	06/11/09	1830	209	KP	67	750	7	0-209
238/239	06/11/09	1840	169	SM	93	760	7	209-ELOS
239/333	07/15/09	940	233	AS	98	760	5.5	147-ELOS
239/333	07/15/09	930	147	SS	80	760	7	0-147
241/242	07/04/09	950	440	AS	98	760	6.5	
241/243	07/04/09	1057	22	NK	75	760	7	
242/243	07/04/09	1053	74	AS	98	760	6.5	



**GSI
PANEL SEAMING FORM**

PROJECT NAME:	Sarasota County Phase 2
PROJECT NO.:	29005
MATERIAL TYPE:	60 Mil HDPE
MTL LAYER:	SECONDARY
QC NAME:	L Alston

SEAM NO.	DATE	TIME	SEAM LENGTH	SEAMER INT	MACHINE NO.	Wedge / Barrel	Speed / Preheat	Comments
242/244	07/04/09	1122	512	KP	67	760	5.5	
242/250	07/06/09	1817	17	NK	75	750	7	
243/249	07/06/09	1416	22	NK	75	750	7	
243/250	07/06/09	1425	18	AS	98	750	6.5	
244/244 A	07/04/09	1113	22	KP	67	760	5.5	
244/245	07/04/09	1125	520	AS	98	760	6.5	
244/250	07/06/09	1820	7	VM	68	250	250	
244/251	07/06/09	1812	22	NK	75	750	7	
245/246	07/04/09	1200	261	SM	93	760	7	0-261
245/246	07/04/09	1435	254	SM	93	760	7.5	261-ELOS
245/252	07/06/09	1840	22	NK	75	750	7	
246/247	07/04/09	1520	517	SM	93	760	7.5	
246/253	07/06/09	1835	22	NK	75	750	7	
247/248	07/04/09	1455	519	AS	98	760	6.5	
247/254	07/06/09	1830	22	NK	75	750	7	
248/255	07/06/09	1823	22	NK	75	750	7	
248/256	07/07/09	940	518	AS	98	760	6.5	
249/250	07/06/09	1530	497	AS	98	750	6.5	
249/342	07/15/09	1552	19	NK	75	760	5.5	



GSI
PANEL SEAMING FORM

PROJECT NAME:	Sarasota County Phase 2
PROJECT NO.:	29005
MATERIAL TYPE:	60 Mil HDPE
MTL LAYER:	SECONDARY
QC NAME:	L Alston

SEAM NO.	DATE	TIME	SEAM LENGTH	SEAMER INT	MACHINE NO.	Wedge / Barrel	Speed / Preheat	Comments
250/251	07/06/09	1541	512	KP	97	760	5.5	
250/343	07/15/09	1548	13	NK	75	760	5.5	
251/252	07/06/09	1625	521	SM	76	760	7.5	
251/343	07/15/09	1815	3	VM	E-68	250	250	See Repair # 1045
251/344	07/15/09	1935	19	NK	75	760	5.5	
252/253	07/06/09	1638	518	NK	75	750	7	
252/345	07/15/09	1930	19	NK	75	760	5.5	
253/254	07/06/09	1700	513	AS	98	750	6.5	
253/346	07/15/09	1925	20	NK	75	760	5.5	
254/255	07/06/09	1730	519	KP	97	760	5.5	
254/347	07/15/09	1920	20	NK	75	760	5.5	
255/258	07/07/09	1105	519	SM	79	760	7	
255/348	07/15/09	1915	22	NK	75	760	5.5	
256/257	07/07/09	957	518	NK	75	750	7	
256/258	07/07/09	1133	22	NK	75	750	5	
257/259	07/07/09	1128	22	NK	75	750	5	
257/260	07/08/09	1140	386	AS	98	760	6.5	
257/260 A	07/09/09	1145	35	SM	76	760	7	
257/305	07/09/09	1320	21	NK	75	760	5.5	



**GSI
PANEL SEAMING FORM**

PROJECT NAME:	Sarasota County Phase 2
PROJECT NO.:	29005
MATERIAL TYPE:	60 Mil HDPE
MTL LAYER:	SECONDARY
QC NAME:	L Alston

SEAM NO.	DATE	TIME	SEAM LENGTH	SEAMER INT	MACHINE NO.	Wedge / Barrel	Speed / Preheat	Comments
257/306	07/09/09	1326	22	NK	75	760	5.5	
257/307	07/09/09	1331	22	NK	75	760	5.5	
257/308	07/09/09	1337	15	NK	75	760	7	
257/309	07/09/09	1207	12	NK	75	760	5.5	
258/259	07/07/09	1125	519	AS	98	760	6.5	
258/349	07/15/09	2017	21	NK	75	760	5.5	
259/308	07/09/09	1450	8	NK	75	760	5	
259/310	07/09/09	1452	22	NK	75	760	5	
259/311	07/09/09	1457	22	NK	75	760	5	
259/312	07/09/09	1502	22	NK	75	760	5	
259/313	07/09/09	1507	22	NK	75	760	5	
259/314	07/09/09	1512	22	NK	75	760	5	
259/315	07/09/09	1517	22	NK	75	760	5	
259/316	07/09/09	1522	22	NK	75	760	5	
259/317	07/09/09	1550	22	NK	75	760	5	
259/318	07/09/09	1554	22	NK	75	760	5	
259/319	07/09/09	1558	22	NK	75	760	5	
259/320	07/09/09	1602	22	NK	75	760	5	
259/321	07/09/09	1606	22	NK	75	760	5.5	



GSI
PANEL SEAMING FORM

PROJECT NAME:	Sarasota County Phase 2
PROJECT NO.:	29005
MATERIAL TYPE:	60 Mil HDPE
MTL LAYER:	SECONDARY
QC NAME:	L Alston

SEAM NO.	DATE	TIME	SEAM LENGTH	SEAMER INT	MACHINE NO.	Wedge / Barrel	Speed / Preheat	Comments
259/322	07/09/09	1610	22	NK	75	760	5.5	
259/323	07/09/09	1614	22	NK	75	760	5.5	
259/324	07/09/09	1618	22	NK	75	760	5.5	
259/325	07/09/09	1627	22	NK	75	760	5.5	
259/326	07/09/09	1631	22	NK	75	760	5.5	
259/327	07/09/09	1635	22	NK	75	760	5.5	
259/328	07/09/09	1639	22	NK	75	760	5.5	
259/329	07/09/09	1643	22	NK	75	760	5.5	
259/330	07/09/09	1647	22	NK	75	760	5.5	
259/331	07/09/09	1651	22	AS	98	760	6.5	
259/332	07/09/09	1655	22	AS	98	760	6.5	
259/350	07/15/09	2013	21	NK	75	760	5.5	
260 A/302	07/09/09	1150	23	NK	75	760	5.5	
260 A/303	07/09/09	1155	22	NK	75	760	5.5	
260 A/304	07/09/09	1158	8	NK	75	760	5.5	
260 A/309	07/09/09	1205	12	NK	75	760	5.5	
260/260 A	07/09/09	1125	37	NK	75	760	5.5	
260/261	07/08/09	1209	357	KP	97	760	7	
261/262	07/08/09	1220	325	SM	76	760	7	



**GSI
PANEL SEAMING FORM**

PROJECT NAME:	Sarasota County Phase 2
PROJECT NO.:	29005
MATERIAL TYPE:	60 Mil HDPE
MTL LAYER:	SECONDARY
QC NAME:	L Alston

SEAM NO.	DATE	TIME	SEAM LENGTH	SEAMER INT	MACHINE NO.	Wedge / Barrel	Speed / Preheat	Comments
261/299	07/09/09	1103	10	NK	75	760	5.5	
261/300	07/09/09	1108	20	NK	75	760	5.5	
261/301	07/09/09	1112	14	NK	75	760	5.5	
262/263	07/08/09	1420	309	AS	98	760	6.5	
262/298	07/09/09	1055	13	NK	75	760	5.5	
262/299	07/09/09	1058	14	NK	75	760	5.5	
263/264	07/08/09	1430	197	SM	76	760	7	
263/265	07/08/09	1505	105	SM	76	760	7	
263/297	07/09/09	1038	15	NK	75	760	5.5	
263/298	07/09/09	1040	8	NK	75	760	5.5	
264/265	07/08/09	1450	22	NK	75	760	5	
264/266	07/08/09	1451	200	KP	97	760	7	
265/266	07/08/09	1520	88	KP	97	760	7	
265/296	07/09/09	1020	22	NK	75	760	5.5	
266/267	07/08/09	1518	226	NK	75	760	7	
266/268	07/08/09	1557	56	NK	75	760	7	
266/295	07/09/09	1000	23	NK	75	760	5.5	
267/268	07/08/09	1600	22	NK	75	760	5	
267/269	07/08/09	1540	176	AS	98	760	6.5	



**GSI
PANEL SEAMING FORM**

PROJECT NAME:	Sarasota County Phase 2
PROJECT NO.:	29005
MATERIAL TYPE:	60 Mil HDPE
MTL LAYER:	SECONDARY
QC NAME:	L Alston

SEAM NO.	DATE	TIME	SEAM LENGTH	SEAMER INT	MACHINE NO.	Wedge / Barrel	Speed / Preheat	Comments
267/270	07/08/09	1602	49	AS	98	760	6.5	
268/270	07/08/09	1615	45	AS	98	760	6.5	
268/294	07/09/09	945	22	NK	75	760	5.5	
269/270	07/08/09	1615	22	NK	75	760	5	
269/271	07/08/09	1630	176	SM	76	760	7	
270/271	07/08/09	1700	97	SM	76	760	7	
270/293	07/08/09	2015	22	NK	75	760	5	
271/272	07/08/09	1722	60	KP	97	760	7	
271/291	07/08/09	1910	209	AS	98	760	6.5	
271/292	07/08/09	2010	22	NK	75	760	5	
272/273	07/08/09	1720	48	AS	98	760	6.5	
272/291	07/08/09	1910	22	AS	98	760	6.5	
273/274	07/08/09	1724	30	NK	75	760	7	
273/276	07/08/09	1757	25	NK	75	760	5	
274/275	07/08/09	1750	31	NK	75	760	5	
275/276	07/08/09	1742	24	NK	75	760	5	
276/277	07/08/09	1805	44	AS	98	760	6.5	
277/278	07/08/09	1800	44	SM	76	760	7	
277/291	07/08/09	1920	15	KP	97	760	5	



GSI
PANEL SEAMING FORM

PROJECT NAME:	Sarasota County Phase 2
PROJECT NO.:	29005
MATERIAL TYPE:	60 Mil HDPE
MTL LAYER:	SECONDARY
QC NAME:	L Alston

SEAM NO.	DATE	TIME	SEAM LENGTH	SEAMER INT	MACHINE NO.	Wedge / Barrel	Speed / Preheat	Comments
278/279	07/08/09	1806	44	KP	97	760	7	
278/291	07/08/09	1925	22	KP	97	760	5	
279/280	07/08/09	1813	44	NK	75	760	7	
279/291	07/08/09	1930	22	KP	97	760	5	
280/281	07/08/09	1815	44	SM	76	760	7	
280/291	07/08/09	1935	22	KP	97	760	5	
281/282	07/08/09	1815	44	AS	98	760	6.5	
281/291	07/08/09	1940	22	KP	97	760	5	
282/283	07/08/09	1818	44	KP	97	760	7	
282/291	07/08/09	1945	22	KP	97	760	5	
283/284	07/08/09	1826	44	NK	75	760	7	
283/291	07/08/09	1950	22	KP	97	760	5	
284/285	07/08/09	1830	44	SM	76	760	7	
284/291	07/08/09	1955	22	KP	97	760	5	
285/286	07/08/09	1835	44	AS	98	760	6.5	
285/291	07/08/09	2000	22	KP	97	760	5	
286/287	07/08/09	1935	36	NK	75	760	5	
286/290	07/08/09	1953	8	NK	75	760	5	See Repair # 937
286/291	07/08/09	2004	16	KP	97	760	5	



GSI
PANEL SEAMING FORM

PROJECT NAME:	Sarasota County Phase 2
PROJECT NO.:	29005
MATERIAL TYPE:	60 Mil HDPE
MTL LAYER:	SECONDARY
QC NAME:	L Alston

SEAM NO.	DATE	TIME	SEAM LENGTH	SEAMER INT	MACHINE NO.	Wedge / Barrel	Speed / Preheat	Comments
287/288	07/08/09	1942	11	NK	75	760	5	
287/289	07/08/09	1947	10	NK	75	760	5	
287/290	07/08/09	1949	21	NK	75	760	5	
288/289	07/08/09	1944	13	NK	75	760	5	
289/290	07/08/09	1946	19	SM	76	760	7	
290/291	07/08/09	1938	40	SM	76	760	7	
291/292	07/08/09	1940	44	AS	98	760	6.5	
292/293	07/08/09	1936	44	SM	76	760	7	
293/294	07/08/09	1940	40	SM	76	760	7	
294/295	07/09/09	1005	40	NK	75	760	5.5	
295/296	07/09/09	1010	45	AS	98	760	6.5	
296/297	07/09/09	1005	47	SM	76	760	7	
297/298	07/09/09	1014	52	AS	98	760	6.5	
298/299	07/09/09	1026	56	KP	97	760	5.5	
299/300	07/09/09	1030	60	AS	98	760	6.5	
300/301	07/09/09	1030	56	SM	76	760	7	
301/302	07/09/09	1045	54	AS	98	760	6.5	
302/303	07/09/09	1102	44	AS	98	760	6.5	
303/304	07/09/09	1115	47	SM	76	760	7	



**GSI
PANEL SEAMING FORM**

PROJECT NAME:	Sarasota County Phase 2
PROJECT NO.:	29005
MATERIAL TYPE:	60 Mil HDPE
MTL LAYER:	SECONDARY
QC NAME:	L Alston

SEAM NO.	DATE	TIME	SEAM LENGTH	SEAMER INT	MACHINE NO.	Wedge / Barrel	Speed / Preheat	Comments
304/305	07/09/09	1131	52	KP	97	760	5.5	
304/309	07/09/09	1200	15	NK	75	760	5.5	
305/306	07/09/09	1131	54	AS	98	760	6.5	
305/309	07/09/09	1319	7	NK	75	760	5.5	
306/307	07/09/09	1146	54	KP	97	760	5.5	
307/308	07/09/09	1145	54	AS	98	760	6.5	
308/310	07/09/09	1342	54	NK	75	760	5.5	
310/311	07/09/09	1400	54	AS	98	760	6.5	
311/312	07/09/09	1410	54	NK	75	760	7	
312/313	07/09/09	1409	54	AS	98	760	6.5	
313/314	07/09/09	1421	54	KP	97	760	5.5	
314/315	07/09/09	1425	54	AS	98	760	6.5	
315/316	07/09/09	1430	54	SM	76	760	7	
316/317	07/09/09	1443	54	AS	98	760	6.5	
317/318	07/09/09	1455	56	SM	76	760	7	
318/319	07/09/09	1459	54	AS	98	760	6.5	
319/320	07/09/09	1508	54	KP	97	760	5.5	
320/321	07/09/09	1520	54	SM	76	760	7	
321/322	07/09/09	1530	54	AS	98	760	6.5	



GSI
PANEL SEAMING FORM

PROJECT NAME:	Sarasota County Phase 2
PROJECT NO.:	29005
MATERIAL TYPE:	60 Mil HDPE
MTL LAYER:	SECONDARY
QC NAME:	L Alston

SEAM NO.	DATE	TIME	SEAM LENGTH	SEAMER INT	MACHINE NO.	Wedge / Barrel	Speed / Preheat	Comments
322/323	07/09/09	1540	54	SM	76	760	7	
323/324	07/09/09	1545	60	AS	98	760	6.5	
324/325	07/09/09	1557	59	KP	97	760	5.5	
325/326	07/09/09	1600	60	SM	76	760	7	
326/327	07/09/09	1603	60	AS	98	760	6.5	
327/328	07/09/09	1615	60	KP	97	760	5.5	
328/329	07/09/09	1615	60	AS	98	760	6.5	
329/330	07/09/09	1620	60	SM	76	760	7	
330/331	07/09/09	1638	60	AS	98	760	6.5	
331/332	07/09/09	1635	60	KP	97	760	5.5	
332/352	07/15/09	2020	60	KP	97	760	7	
333/334	07/15/09	1007	370	NK	75	760	7	
334/335	07/15/09	1030	142	SS	80	760	7	
334/336	07/15/09	1030	232	SM	76	760	7	
335/336	07/15/09	1045	22	AS	98	760	5.5	
335/337	07/15/09	1100	142	SS	80	760	7	
336/337	07/15/09	1116	131	KP	97	760	7	
336/338	07/15/09	1100	100	KP	97	760	7	
337/338	07/15/09	1100	22	AS	98	760	5.5	



**GSI
PANEL SEAMING FORM**

PROJECT NAME:	Sarasota County Phase 2
PROJECT NO.:	29005
MATERIAL TYPE:	60 Mil HDPE
MTL LAYER:	SECONDARY
QC NAME:	L Alston

SEAM NO.	DATE	TIME	SEAM LENGTH	SEAMER INT	MACHINE NO.	Wedge / Barrel	Speed / Preheat	Comments
337/339	07/15/09	1120	274	NK	75	760	7	
338/339	07/15/09	1115	99	AS	98	760	5.5	
339/340	07/15/09	1150	375	SM	76	760	7	
340/341	07/15/09	1200	378	AS	98	760	6.5	
341/342	07/15/09	1214	200	KP	97	760	7	176-ELOS
341/342	07/15/09	1215	177	SS	80	760	7	0-176
342/343	07/15/09	1507	373	KP	97	760	7	
343/344	07/15/09	1615	372	AS	98	760	6.5	
344/345	07/15/09	1640	374	SS	80	760	7	
345/346	07/15/09	1705	370	SM	76	760	7	
346/347	07/15/09	1730	380	KP	97	760	7	
347/348	07/15/09	1824	380	AS	98	760	6.5	
348/349	07/15/09	1900	272	SM	76	760	7	0-272
348/349	07/15/09	1850	108	SS	80	760	7	272-ELOS
349/350	07/15/09	1915	125	SS	80	760	7	
349/351	07/15/09	1940	147	SS	80	760	7	
349/372	07/16/09	940	102	SM	76	760	7	
350/351	07/15/09	1930	22	AS	98	760	5.5	
350/352	07/15/09	2045	18	KP	97	760	7	



GSI

PANEL SEAMING FORM

PROJECT NAME:	Sarasota County Phase 2
PROJECT NO.:	29005
MATERIAL TYPE:	60 Mil HDPE
MTL LAYER:	SECONDARY
QC NAME:	L Alston

SEAM NO.	DATE	TIME	SEAM LENGTH	SEAMER INT	MACHINE NO.	Wedge / Barrel	Speed / Preheat	Comments
350/353	07/15/09	2050	22	KP	97	760	7	
350/354	07/15/09	2100	22	KP	97	760	7	
350/355	07/15/09	2105	22	KP	97	760	7	
350/356	07/15/09	2110	22	KP	97	760	7	
350/357	07/15/09	2115	15	KP	97	760	7	
351/358	07/15/09	2126	22	KP	97	760	7	
351/359	07/15/09	2131	22	KP	97	760	7	
351/360	07/15/09	2158	22	KP	97	760	7	
351/361	07/15/09	2203	22	KP	97	760	7	
351/362	07/15/09	2208	22	KP	97	760	7	
351/363	07/16/09	930	20	KP	97	760	5.5	
351/364	07/16/09	937	6	KP	97	760	5.5	
351/372	07/16/09	920	22	SM	76	760	5	
352/353	07/15/09	2020	60	AS	98	760	6.5	
353/354	07/15/09	2003	22	SM	76	760	7	
354/355	07/15/09	2035	22	SS	80	760	7	
355/356	07/15/09	2038	22	AS	98	760	6.5	
356/357	07/15/09	2040	22	SM	76	760	7	
357/358	07/15/09	2100	22	AS	98	760	6.5	



**GSI
PANEL SEAMING FORM**

PROJECT NAME:	Sarasota County Phase 2
PROJECT NO.:	29005
MATERIAL TYPE:	60 Mil HDPE
MTL LAYER:	SECONDARY
QC NAME:	L Alston

SEAM NO.	DATE	TIME	SEAM LENGTH	SEAMER INT	MACHINE NO.	Wedge / Barrel	Speed / Preheat	Comments
358/359	07/15/09	2111	22	SS	80	760	7	
359/360	07/15/09	2110	22	SM	76	760	7	
360/361	07/15/09	2137	22	AS	98	760	6.5	
361/362	07/15/09	2140	22	SS	80	760	7	
362/363	07/16/09	821	60	AS	98	760	6.5	
363/364	07/16/09	820	60	SM	76	760	7	
364/365	07/16/09	820	60	SS	80	760	7	
364/372	07/16/09	934	14	KP	97	760	5.5	
365/366	07/16/09	850	60	SM	76	760	7	
365/372	07/16/09	940	22	KP	97	760	5.5	
366/367	07/16/09	1030	60	KP	97	760	5.5	
366/372	07/16/09	946	22	KP	97	760	5.5	
367/368	07/16/09	1020	39	SS	80	760	7	
367/371	07/16/09	1045	27	SM	76	760	5	
368/369	07/16/09	1050	17	SM	76	760	7	
368/370	07/16/09	1035	18	SM	76	760	5	
368/371	07/16/09	1040	9	SM	76	760	5	
369/370	07/16/09	1100	15	SM	76	760	5	
370/371	07/16/09	1015	24	SS	80	760	7	



GSI
PANEL SEAMING FORM

PROJECT NAME:	Sarasota County Phase 2
PROJECT NO.:	29005
MATERIAL TYPE:	60 Mil HDPE
MTL LAYER:	SECONDARY
QC NAME:	L Alston

SEAM NO.	DATE	TIME	SEAM LENGTH	SEAMER INT	MACHINE NO.	Wedge / Barrel	Speed / Preheat	Comments
371/372	07/16/09	1015	50	KP	97	760	5.5	

APPENDIX 3

**Panel Seaming Logs
Primary Liner**

(blank)



**GSI
PANEL SEAMING FORM**

PROJECT NAME:	Sarasota County Phase 2
PROJECT NO.:	29005
MATERIAL TYPE:	60 mil HDPE LINER
MTL LAYER:	Primary (CELL 1)
QC NAME:	TAH

SEAM NO.	DATE	TIME	SEAM LENGTH	SEAMER INT	MACHINE NO.	Wedge / Barrel	Speed / Preheat	Comments
001/002	05/12/09	900	517	SS	75	750	6	
001/010	05/12/09	1728	22	TS	88	750	4.5	
001/030	05/22/09	916	515	MS	87	750	6	
002/003	05/12/09	900	518	VCI	72	750	5.5	
002/011	05/12/09	1735	22	TS	88	750	4.5	
003/004	05/12/09	935	521	TS	85	750	5.5	
003/012	05/12/09	1745	22	TS	88	750	4.5	
004/005	05/12/09	1000	519	SP	73	750	6	
004/013	05/12/09	1750	22	TS	88	750	4.5	
005/006	05/12/09	1010	519	MS	87	750	5.5	
005/014	05/12/09	1755	22	TS	88	750	4.5	
006/007	05/12/09	1050	524	SS	75	750	6	
006/015	05/12/09	1800	22	TS	88	750	4.5	
007/008	05/12/09	1045	524	VCI	72	750	5.5	
007/016	05/12/09	1805	22	TS	88	750	4.5	
008/009	05/12/09	1127	372	TS	85	750	5.5	
008/009	05/12/09	1205	144	SP	73	750	6	
008/017	05/12/09	1812	22	TS	88	750	4.5	
009/018	05/12/09	1820	22	TS	88	750	4.5	



GSI
PANEL SEAMING FORM

PROJECT NAME:	Sarasota County Phase 2
PROJECT NO.:	29005
MATERIAL TYPE:	60 mil HDPE LINER
MTL LAYER:	Primary (CELL 1)
QC NAME:	TAH

SEAM NO.	DATE	TIME	SEAM LENGTH	SEAMER INT	MACHINE NO.	Wedge / Barrel	Speed / Preheat	Comments
009/079	05/23/09	1120	513	YR	87	760	6	
010/011	05/12/09	1418	526	MS	87	750	5.5	
010/029	05/14/09	1430	22	SP	73	750	5	
010/044	05/22/09	1348	513	MS	87	750	6	
010/058	05/22/09	1715	14	VCI	85	750	7	
011/012	05/12/09	1403	525	VCI	72	750	5.5	
011/028	05/14/09	1435	22	SP	73	750	5	
012/013	05/12/09	1430	525	SS	75	750	7	
012/027	05/14/09	1440	22	SP	73	750	5	
013/014	05/12/09	1510	527	SP	73	750	6	
013/025	05/14/09	1446	22	SP	73	750	5	
014/015	05/12/09	1515	527	TS	88	750	5.5	
014/023	05/16/09	1500	22	NJ	73	750	4.5	
015/016	05/12/09	1550	526	VCI	72	750	5.5	
015/022	05/17/09	850	22	VM	22	250	250	See R # 94
016/017	05/12/09	1605	526	SS	75	750	7	
016/021	05/16/09	1510	22	NJ	73	750	4.5	
017/018	05/12/09	1630	523	MS	87	750	5.5	
017/019	05/16/09	1520	22	NJ	73	750	4.5	



**GSI
PANEL SEAMING FORM**

PROJECT NAME:	Sarasota County Phase 2
PROJECT NO.:	29005
MATERIAL TYPE:	60 mil HDPE LINER
MTL LAYER:	Primary (CELL 1)
QC NAME:	TAH

SEAM NO.	DATE	TIME	SEAM LENGTH	SEAMER INT	MACHINE NO.	Wedge / Barrel	Speed / Preheat	Comments
018/080	05/23/09	1300	520	YR	87	760	6	
018/184	06/16/09	852	22	AS	98	760	7	
019/020	05/12/09	1743	194	SP	73	750	6	
019/021	05/12/09	1750	161	SS	75	750	7	
019/184	06/16/09	949	13	AS	98	760	7	
019/185	06/16/09	950	22	AS	98	760	7	
019/186	06/16/09	954	22	AS	98	760	7	
019/187	06/16/09	1000	22	AS	98	760	7	
019/189	06/16/09	1008	22	AS	98	760	7	
019/190	06/16/09	1012	22	AS	98	760	7	
019/191	06/16/09	1016	22	AS	98	760	7	
019/192	06/16/09	1021	22	AS	98	760	7	
019/193	06/16/09	1025	22	AS	98	760	7	
019/194	06/16/09	1030	22	AS	98	760	7	
019/195	06/16/09	1035	22	AS	98	760	7	
019/198	06/16/09	1040	53	AS	98	760	7	
019/201	06/16/09	1004	22	AS	98	760	7	
020/021	05/12/09	1835	22	TS	88	750	4.5	
020/022	05/12/09	1818	194	SP	73	750	6	



**GSI
PANEL SEAMING FORM**

PROJECT NAME:	Sarasota County Phase 2
PROJECT NO.:	29005
MATERIAL TYPE:	60 mil HDPE LINER
MTL LAYER:	Primary (CELL 1)
QC NAME:	TAH

SEAM NO.	DATE	TIME	SEAM LENGTH	SEAMER INT	MACHINE NO.	Wedge / Barrel	Speed / Preheat	Comments
021/022	05/12/09	1803	161	VCI	72	750	5.5	
022/023	05/13/09	844	354	SP	73	750	6	
023/025	05/13/09	853	237	MS	78	750	5	
024/025	05/13/09	900	22	TS	88	750	4.5	
024/026	05/13/09	1000	136	VCI	72	750	5.5	
025/026	05/13/09	931	144	VCI	72	750	5.5	
025/027	05/13/09	910	93	VCI	72	750	5.5	
026/027	05/13/09	922	22	TS	88	750	4.5	
026/028	05/13/09	950	286	SS	75	750	7	
027/028	05/13/09	935	93	SS	75	750	7	
028/029	05/13/09	1015	379	TS	88	750	4.5	
029/058	05/22/09	1715	270	VCI	85	750	7	
029/081 A	05/25/09	1500	99	YR	87	760	6	
030/031	05/22/09	900	513	VCI	85	750	7	
030/044	05/22/09	1828	22	TS	81	750	6	
031/032	05/22/09	905	510	SS	75	750	7	
031/045	05/22/09	1822	22	TS	81	750	6	
032/033	05/22/09	925	510	SM	93	750	7	
032/046	05/22/09	1816	22	TS	81	750	6	



GSI
PANEL SEAMING FORM

PROJECT NAME:	Sarasota County Phase 2
PROJECT NO.:	29005
MATERIAL TYPE:	60 mil HDPE LINER
MTL LAYER:	Primary (CELL 1)
QC NAME:	TAH

SEAM NO.	DATE	TIME	SEAM LENGTH	SEAMER INT	MACHINE NO.	Wedge / Barrel	Speed / Preheat	Comments
033/034	05/22/09	930	511	NK	80	760	7.5	
033/047	05/22/09	1810	22	TS	81	750	6	
034/035	05/22/09	950	513	TS	81	750	7	
034/048	05/22/09	1756	22	TS	81	750	6	
035/036	05/22/09	955	510	SP	73	750	7	
035/049	05/22/09	1748	22	TS	81	750	6	
036/037	05/22/09	1045	51	NJ	82	750	5.5	462-513
036/037	05/22/09	1130	462	NJ	90	750	6.5	0-462
036/050	05/22/09	1745	22	TS	81	750	6	
037/038	05/22/09	1045	513	VCI	85	750	7	
037/051	05/22/09	1817	22	NK	80	760	5.5	
038/039	05/22/09	1100	513	SS	75	750	7	
038/052	05/22/09	1812	22	NK	80	760	5.5	
039/040	05/22/09	1100	515	MS	87	750	6	
039/053	05/22/09	1807	22	NK	80	760	5.5	
040/054	05/22/09	1756	22	NK	80	760	5.5	
044/045	05/22/09	1405	513	SS	75	750	7	
044/058	05/23/09	1320	22	NK	90	760	5.5	
045/046	05/22/09	1407	514	VCI	85	750	7	



**GSI
PANEL SEAMING FORM**

PROJECT NAME:	Sarasota County Phase 2
PROJECT NO.:	29005
MATERIAL TYPE:	60 mil HDPE LINER
MTL LAYER:	Primary (CELL 1)
QC NAME:	TAH

SEAM NO.	DATE	TIME	SEAM LENGTH	SEAMER INT	MACHINE NO.	Wedge / Barrel	Speed / Preheat	Comments
045/059	05/23/09	1313	22	NK	90	760	5.5	
046/047	05/22/09	1430	514	SM	93	750	7	
046/061	05/23/09	1308	22	NK	90	760	5.5	
047/048	05/22/09	1435	515	SP	73	750	7	
047/062	05/23/09	1142	22	NK	90	760	5.5	
048/049	05/22/09	1440	515	TS	81	750	7	
048/063	05/23/09	1135	22	NK	90	760	5.5	
049/050	05/22/09	1500	518	NK	80	760	7	
049/066	05/23/09	1130	22	NK	90	760	5.5	
050/051	05/22/09	1513	518	KP	90	750	7.5	
050/068	05/23/09	1125	22	NK	90	760	5.5	
051/052	05/22/09	1525	518	SS	75	750	7	
051/070	05/23/09	1121	22	NK	90	760	5.5	
052/053	05/22/09	1535	519	MS	87	750	6	
052/072	05/23/09	1117	22	NK	90	760	5.5	
053/054	05/22/09	1504	362	VCI	85	750	7	157-519
053/054	05/22/09	1730	157	TS	81	750	6	0-157
053/074	05/23/09	1111	22	NK	90	760	5.5	
054/076	05/23/09	1105	22	NK	90	760	5.5	



GSI
PANEL SEAMING FORM

PROJECT NAME:	Sarasota County Phase 2
PROJECT NO.:	29005
MATERIAL TYPE:	60 mil HDPE LINER
MTL LAYER:	Primary (CELL 1)
QC NAME:	TAH

SEAM NO.	DATE	TIME	SEAM LENGTH	SEAMER INT	MACHINE NO.	Wedge / Barrel	Speed / Preheat	Comments
058/059	05/22/09	1730	247	SS	75	750	7	
058/060	05/22/09	1830	27	SS	75	750	7	
058/081 A	05/25/09	1520	22	YR	87	760	6	
059/060	05/23/09	1337	22	NK	90	760	5.5	
059/061	05/22/09	1840	243	MS	87	750	6	
060/061	05/22/09	1803	127	MS	87	750	6	
060/081 A	05/25/09	1430	98	YR	87	760	6	
061/062	05/22/09	1813	227	VCI	85	750	7	140-367
061/062	05/22/09	1830	140	KP	90	750	7	0-140
062/063	05/22/09	1825	140	SM	93	750	7	
062/064	05/23/09	850	110	SM	93	750	7	
063/064	05/23/09	930	22	TS	81	750	6	
063/065	05/23/09	938	23	SS	75	750	7	
063/066	05/23/09	948	117	SS	75	750	7	
064/065	05/23/09	900	95	SS	75	750	7	
065/066	05/23/09	939	22	TS	81	750	6	
065/067	05/23/09	857	122	VCI	85	750	7	
065/068	05/23/09	921	140	VCI	85	750	7	
066/068	05/23/09	947	117	VCI	85	750	7	



**GSI
PANEL SEAMING FORM**

PROJECT NAME:	Sarasota County Phase 2
PROJECT NO.:	29005
MATERIAL TYPE:	60 mil HDPE LINER
MTL LAYER:	Primary (CELL 1)
QC NAME:	TAH

SEAM NO.	DATE	TIME	SEAM LENGTH	SEAMER INT	MACHINE NO.	Wedge / Barrel	Speed / Preheat	Comments
067/068	05/23/09	905	22	NK	90	760	7	
067/069	05/23/09	950	121	SM	93	750	7	
068/069	05/23/09	1011	5	SM	93	750	7	
068/070	05/23/09	1012	250	SM	93	750	7	
069/070	05/23/09	912	22	NK	90	760	7	
069/071	05/23/09	955	124	TS	81	750	6	
069/072	05/23/09	1014	2	TS	81	750	6	See R-213
070/072	05/23/09	1014	250	TS	81	750	6	
071/072	05/23/09	919	22	NK	90	760	7	
071/073	05/23/09	940	122	NK	90	760	7	
072/073	05/23/09	1000	2	NK	90	760	7	See R-215
072/074	05/23/09	1001	248	NK	90	760	7	
073/074	05/23/09	925	22	NK	90	760	7	
073/075	05/23/09	1100	127	SS	75	750	7	
074/076	05/23/09	1020	246	SS	75	750	7	
075/076	05/23/09	931	22	NK	90	760	7	
079/080	05/23/09	1145	22	TS	81	760	6	
079/137	06/13/09	1110	22	NK	75	760	7	
079/138	06/13/09	1105	22	NK	75	760	7	



GSI
PANEL SEAMING FORM

PROJECT NAME:	Sarasota County Phase 2
PROJECT NO.:	29005
MATERIAL TYPE:	60 mil HDPE LINER
MTL LAYER:	Primary (CELL 1)
QC NAME:	TAH

SEAM NO.	DATE	TIME	SEAM LENGTH	SEAMER INT	MACHINE NO.	Wedge / Barrel	Speed / Preheat	Comments
079/139	06/13/09	1100	22	NK	75	760	7	
079/140	06/13/09	1055	22	NK	75	760	7	
079/141	06/13/09	1050	22	NK	75	760	7	
079/142	06/13/09	1045	22	NK	75	760	7	
079/143	06/13/09	1040	22	NK	75	760	7	
079/144	06/13/09	1035	22	NK	75	760	7	
079/145	06/13/09	1030	22	NK	75	760	7	
079/146	06/13/09	1025	22	NK	75	760	7	
079/147	06/13/09	1020	22	NK	75	760	7	
079/148	06/13/09	1015	22	NK	75	760	7	
079/149	06/13/09	1010	22	NK	75	760	7	
079/150	06/13/09	1005	22	NK	75	760	7	
079/151	06/13/09	1000	22	NK	75	760	7	
079/152	06/13/09	955	22	NK	75	760	7	
079/153	06/13/09	950	22	NK	75	760	7	
079/154	06/13/09	945	22	NK	75	760	7	
079/155	06/13/09	940	22	NK	75	760	7	
079/156	06/13/09	935	22	NK	75	760	7	
079/157	06/13/09	930	22	NK	75	760	7	



**GSI
PANEL SEAMING FORM**

PROJECT NAME:	Sarasota County Phase 2
PROJECT NO.:	29005
MATERIAL TYPE:	60 mil HDPE LINER
MTL LAYER:	Primary (CELL 1)
QC NAME:	TAH

SEAM NO.	DATE	TIME	SEAM LENGTH	SEAMER INT	MACHINE NO.	Wedge / Barrel	Speed / Preheat	Comments
079/158	06/13/09	929	22	NK	75	760	7	
079/159	06/13/09	920	15	NK	75	760	7	
079/167	06/13/09	1115	22	NK	75	760	7	
080/159	06/13/09	924	7	NK	75	760	7	
080/160	06/13/09	915	22	NK	75	760	7	
080/161	06/13/09	910	22	NK	75	760	7	
080/162	06/13/09	905	22	NK	75	760	7	
080/163	06/13/09	900	22	NK	75	760	7	
080/164	06/13/09	855	22	NK	75	760	7	
080/165	06/13/09	850	22	NK	75	760	7	
080/166	06/13/09	846	22	NK	75	760	7	
080/168	06/14/09	1025	22	NK	75	760	7	
080/169	06/14/09	1020	22	NK	75	760	7	
080/170	06/14/09	1010	22	NK	75	760	7	
080/171	06/14/09	1005	22	NK	75	760	7	
080/172	06/14/09	1000	22	NK	75	760	7	
080/173	06/14/09	955	22	NK	75	760	7	
080/174	06/14/09	950	22	NK	75	760	7	
080/175	06/14/09	944	22	NK	75	760	7	



GSI
PANEL SEAMING FORM

PROJECT NAME:	Sarasota County Phase 2
PROJECT NO.:	29005
MATERIAL TYPE:	60 mil HDPE LINER
MTL LAYER:	Primary (CELL 1)
QC NAME:	TAH

SEAM NO.	DATE	TIME	SEAM LENGTH	SEAMER INT	MACHINE NO.	Wedge / Barrel	Speed / Preheat	Comments
080/176	06/14/09	1032	22	NK	75	760	7	
080/177	06/14/09	1037	22	NK	75	760	7	
080/178	06/14/09	1042	22	NK	75	760	7	
080/179	06/14/09	1052	22	NK	75	760	7	
080/180	06/14/09	1057	22	NK	75	760	7	
080/181	06/14/09	1102	22	NK	75	760	7	
080/182	06/14/09	1107	22	NK	75	760	7	
080/183	06/14/09	1113	22	NK	75	760	7	
080/184	06/16/09	855	22	AS	98	760	7	
137/138	06/12/09	1040	69	VS	97	750	7	
137/167	06/12/09	1745	42	WT	67	760	7	
138/139	06/12/09	1022	92	WT	67	760	7	
139/140	06/12/09	1006	113	NK	75	750	7	
140/141	06/12/09	1000	135	SK	98	760	7	
141/142	06/12/09	955	158	VS	97	750	7	
142/143	06/12/09	910	158	VS	97	750	7	
143/144	06/12/09	908	158	NK	75	750	7	
144/145	06/12/09	1029	157	SK	98	760	7	
145/146	06/12/09	934	156	NK	75	750	7	



GSI
PANEL SEAMING FORM

PROJECT NAME:	Sarasota County Phase 2
PROJECT NO.:	29005
MATERIAL TYPE:	60 mil HDPE LINER
MTL LAYER:	Primary (CELL 1)
QC NAME:	TAH

SEAM NO.	DATE	TIME	SEAM LENGTH	SEAMER INT	MACHINE NO.	Wedge / Barrel	Speed / Preheat	Comments
146/147	06/12/09	943	156	WT	67	760	7	
147/148	06/12/09	1100	155	SK	98	760	7	
148/149	06/12/09	1057	155	NK	75	750	7	
149/150	06/12/09	1105	155	WT	67	760	7	
150/151	06/12/09	1120	155	VS	97	750	7	
151/152	06/12/09	1130	155	SK	98	760	7	
152/153	06/12/09	1137	155	NK	75	750	7	
153/154	06/12/09	1140	154	WT	67	760	7	
154/155	06/12/09	1320	154	NK	75	750	7	
155/156	06/12/09	1350	154	VS	97	750	7.5	
156/157	06/12/09	1347	154	NK	75	750	7	
157/158	06/12/09	1410	154	SM	98	760	8	
158/159	06/12/09	1424	154	NK	75	750	7	
159/160	06/12/09	1430	154	VS	97	750	7.5	
160/161	06/12/09	1423	153	WT	67	760	7	
161/162	06/12/09	1445	153	SM	98	760	8	
162/163	06/12/09	1503	153	NK	75	750	7	
163/164	06/12/09	1510	153	VS	97	750	7.5	
164/165	06/12/09	1505	153	WT	67	760	7	



GSI
PANEL SEAMING FORM

PROJECT NAME:	Sarasota County Phase 2
PROJECT NO.:	29005
MATERIAL TYPE:	60 mil HDPE LINER
MTL LAYER:	Primary (CELL 1)
QC NAME:	TAH

SEAM NO.	DATE	TIME	SEAM LENGTH	SEAMER INT	MACHINE NO.	Wedge / Barrel	Speed / Preheat	Comments
165/166	06/12/09	1520	153	SM	98	760	8	
166/168	06/13/09	1356	159	NK	75	760	7	
168/169	06/13/09	1420	157	SM	98	760	8	
169/170	06/13/09	1430	157	KC	97	760	7	
170/171	06/13/09	1430	157	NK	75	760	7	
171/172	06/13/09	1500	159	SM	98	760	8	
172/173	06/13/09	1502	159	NK	75	760	7	
173/174	06/13/09	1503	158	KC	97	760	7	
174/175	06/13/09	1530	158	SM	98	760	8	
175/176	06/13/09	1540	156	NK	75	760	7	
176/177	06/13/09	1550	156	KC	97	760	7	
177/178	06/13/09	1615	159	SM	98	760	8	
178/179	06/13/09	1622	158	NK	75	760	7	
179/180	06/13/09	1624	158	KC	97	760	7	
180/181	06/13/09	1655	156	SM	98	760	8	
181/182	06/13/09	1719	156	NK	75	760	7	
182/183	06/13/09	1715	157	KC	97	760	7	
183/184	06/15/09	1542	195	NK	75	760	7	
184/185	06/15/09	1539	193	KP	67	760	7	



**GSI
PANEL SEAMING FORM**

PROJECT NAME:	Sarasota County Phase 2
PROJECT NO.:	29005
MATERIAL TYPE:	60 mil HDPE LINER
MTL LAYER:	Primary (CELL 1)
QC NAME:	TAH

SEAM NO.	DATE	TIME	SEAM LENGTH	SEAMER INT	MACHINE NO.	Wedge / Barrel	Speed / Preheat	Comments
185/186	06/15/09	1533	193	KC	98	760	7	
186/187	06/15/09	1610	194	SM	93	760	7	
187/188	06/15/09	1640	187	KP	67	760	7	
187/201	06/16/09	1410	6	VM	E-75	250	250	See R 537
188/189	06/15/09	1611	187	KC	98	760	7	
188/201	06/16/09	1004	22	AS	98	760	7	
189/190	06/15/09	1650	193	NK	75	760	7	
189/201	06/16/09	1420	5	VM	E-75	250	250	See R 536
190/191	06/15/09	1653	190	KC	98	760	7	
191/192	06/15/09	1750	190	SM	93	760	7	
192/193	06/15/09	1753	177	NK	75	760	7	
193/194	06/15/09	1844	177	NK	75	760	7	
194/195	06/15/09	1851	121	KC	98	760	7	
195/196	06/15/09	1905	87	SM	93	760	7	
196/197	06/15/09	1917	43	NK	75	760	7	
196/198	06/16/09	1104	17	AS	98	760	6	
196/199	06/16/09	1107	34	AS	98	760	7	
197/199	06/16/09	1111	14	AS	98	760	7	
197/200	06/16/09	1115	13	AS	98	760	7	



GSI
PANEL SEAMING FORM

PROJECT NAME:	Sarasota County Phase 2
PROJECT NO.:	29005
MATERIAL TYPE:	60 mil HDPE LINER
MTL LAYER:	Primary (CELL 1)
QC NAME:	TAH

SEAM NO.	DATE	TIME	SEAM LENGTH	SEAMER INT	MACHINE NO.	Wedge / Barrel	Speed / Preheat	Comments
198/199	06/15/09	1936	32	KC	98	760	7	
199/200	06/15/09	1940	32	NK	75	760	7	



GSI
PANEL SEAMING FORM

PROJECT NAME:	Sarasota County Phase 2
PROJECT NO.:	29005
MATERIAL TYPE:	60 mil HDPE.
MTL LAYER:	Primary
QC NAME:	L. Alston

SEAM NO.	DATE	TIME	SEAM LENGTH	SEAMER INT	MACHINE NO.	Wedge / Barrel	Speed / Preheat	Comments
040/041	05/22/09	1115	513	NK	80	760	7	
041/042	05/22/09	1155	520	SP	73	750	7	
041/055	05/22/09	1753	22	NK	80	760	5.5	
042/043	05/22/09	1318	517	NK	80	760	7	
042/056	05/22/09	1739	22	NK	80	760	5.5	
043/057	05/22/09	1733	22	NK	80	760	5.5	
043/081	06/02/09	930	514	SM	93	760	7	
054/055	05/22/09	1605	518	SM	93	750	7	
055/056	05/22/09	1622	518	SP	73	750	7	
055/078	05/23/09	1100	22	NK	90	760	5.5	
056/057	05/22/09	1634	269	NK	80	760	7	0-269
056/057	05/22/09	1722	249	KP	90	750	7	269-ELOS
056/227	06/19/09	1718	22	AS	90	760	6.5	
057/095	06/02/09	1603	514	NK	75	760	7	
057/229	06/19/09	1711	22	AS	90	760	6.5	
075/077	05/23/09	1058	126	VCI	85	750	7	
076/077	05/23/09	1035	137	VCI	85	750	7	
076/078	05/23/09	1014	110	VCI	85	750	7	
077/078	05/23/09	1043	22	NK	90	760	5.5	



**GSI
PANEL SEAMING FORM**

PROJECT NAME:	Sarasota County Phase 2
PROJECT NO.:	29005
MATERIAL TYPE:	60 mil HDPE.
MTL LAYER:	Primary
QC NAME:	L. Alston

SEAM NO.	DATE	TIME	SEAM LENGTH	SEAMER INT	MACHINE NO.	Wedge / Barrel	Speed / Preheat	Comments
077/227	06/19/09	1134	263	VS	97	760	7	
078/227	06/19/09	1115	110	VS	97	760	7	
081/082	06/02/09	925	514	NK	75	760	7	
081/095	06/03/09	1850	22	BM	98	750	5.5	
082/083	06/02/09	939	516	MS	76	750	7	
082/096	06/03/09	1845	22	BM	98	750	5.5	
083/084	06/02/09	1035	516	VS	97	750	7	
083/097	06/03/09	1840	22	BM	98	750	5.5	
084/085	06/02/09	1056	520	NK	75	760	7	
084/098	06/03/09	1834	22	BM	98	750	5.5	
085/086	06/02/09	1135	520	SM	93	760	8	
085/099	06/03/09	1820	15	BM	98	750	5.5	
086/087	06/02/09	1140	124	MS	76	750	7	
086/087	06/02/09	1205	397	MS	76	750	9	
086/102	06/03/09	1815	22	BM	98	750	5.5	
087/088	06/02/09	1340	519	VS	97	750	7.5	
087/103	06/03/09	1810	22	BM	98	750	5.5	
088/089	06/02/09	1400	519	MS	76	750	7	
088/104	06/03/09	1805	22	BM	98	750	5.5	



GSI
PANEL SEAMING FORM

PROJECT NAME:	Sarasota County Phase 2
PROJECT NO.:	29005
MATERIAL TYPE:	60 mil HDPE.
MTL LAYER:	Primary
QC NAME:	L. Alston

SEAM NO.	DATE	TIME	SEAM LENGTH	SEAMER INT	MACHINE NO.	Wedge / Barrel	Speed / Preheat	Comments
089/090	06/02/09	1430	519	NK	75	760	7	
089/105	06/03/09	1800	22	BM	98	750	5.5	
090/091	06/02/09	1510	519	SM	93	760	7	
090/106	06/03/09	1935	518	BM	98	750	5.5	
091/092	06/02/09	1545	363	MJ	72	750	7	
091/093	06/02/09	1600	130	MS	76	750	7	
091/107	06/03/09	1930	22	BM	98	750	5.5	
092/093	06/02/09	1645	22	VS	97	760	7	
092/094	06/02/09	1659	363	MS	76	750	7	
093/094	06/02/09	1635	130	MS	76	750	7	
093/108	06/03/09	1925	22	BM	98	750	5.5	
093/109	06/04/09	1318	15	VM	75	250	250	See Repair # 274
094/100	06/03/09	1057	501	MJ	72	750	7	
094/109	06/03/09	1920	22	BM	98	750	5.5	
095/096	06/02/09	1640	514	SM	93	760	7	
095/231	06/19/09	1703	22	AS	90	760	6.5	
096/097	06/03/09	822	514	NK	75	760	7	
096/232	06/19/09	1659	22	AS	90	760	6.5	
097/098	06/03/09	850	514	MS	97	750	6.5	



**GSI
PANEL SEAMING FORM**

PROJECT NAME:	Sarasota County Phase 2
PROJECT NO.:	29005
MATERIAL TYPE:	60 mil HDPE.
MTL LAYER:	Primary
QC NAME:	L. Alston

SEAM NO.	DATE	TIME	SEAM LENGTH	SEAMER INT	MACHINE NO.	Wedge / Barrel	Speed / Preheat	Comments
097/233	06/19/09	1654	22	AS	90	760	6.5	
098/099	06/03/09	930	517	BM	98	760	7	
098/235	06/19/09	1649	22	AS	90	760	6.5	
099/102	06/03/09	1420	515	SM	93	760	7	
099/102 A	07/03/09	1623	113	SM	93	760	5.5	
099/237	06/19/09	1645	22	AS	90	760	6.5	
100/101	06/03/09	1141	205	VS	76	760	7	0-205
100/101	06/03/09	1120	308	MS	97	750	7	205-ELOS
100/110	06/03/09	1915	22	BM	98	750	5.5	
101/111	06/03/09	1910	22	BM	98	750	5.5	
101/112	06/09/09	807	513	NK	75	760	7	
102 A/103	07/03/09	1620	112	SM	93	760	5.5	
102 A/283	07/03/09	1605	22	SM	93	760	5.5	
102/102 A	07/03/09	1615	22	SM	93	760	5.5	
102/103	06/03/09	1356	332	NK	75	760	7	0-332
102/103	06/07/09	1450	68	NK	75	760	7	332-ELOS
103/104	06/03/09	1430	338	MS	97	750	7	0-338
103/104	06/07/09	1325	179	NK	75	760	7	338-ELOS
103/238	06/23/09	1120	22	NK	75	760	5.5	



GSI
PANEL SEAMING FORM

PROJECT NAME:	Sarasota County Phase 2
PROJECT NO.:	29005
MATERIAL TYPE:	60 mil HDPE.
MTL LAYER:	Primary
QC NAME:	L. Alston

SEAM NO.	DATE	TIME	SEAM LENGTH	SEAMER INT	MACHINE NO.	Wedge / Barrel	Speed / Preheat	Comments
104/105	06/03/09	1500	517	MJ	72	750	7	
104/240	06/23/09	1113	22	NK	75	760	5.5	
105/106	06/03/09	1530	517	SM	93	760	7	
105/242	06/23/09	1508	22	NK	75	760	5.5	
106/107	06/03/09	1600	518	VS	76	760	7.5	
106/243	06/23/09	1503	22	NK	75	760	5.5	
107/108	06/03/09	1635	520	NK	75	760	7	
107/244	06/23/09	1458	22	NK	75	760	5.5	
108/109	06/03/09	1700	520	MS	97	750	7	
108/246	06/23/09	1453	22	NK	75	760	5.5	
108/248	06/24/09	1752	20	VM	75	250	250	See Repair # 697
109/110	06/03/09	1735	257	MJ	72	750	7	0-257
109/110	06/03/09	1745	274	SM	93	760	7	257-ELOS
109/248	06/23/09	1533	22	NK	75	760	5.5	
110/111	06/03/09	1820	295	VS	76	760	7.5	225-ELOS
110/111	06/03/09	1820	225	MS	97	750	7	0-225
110/248	06/24/09	1752	20	VM	75	250	250	See Repair # 698
110/249	06/23/09	1528	22	NK	75	760	5.5	
110/250	06/24/09	1910	15	VM	75	250	250	See Repair # 699



**GSI
PANEL SEAMING FORM**

PROJECT NAME:	Sarasota County Phase 2
PROJECT NO.:	29005
MATERIAL TYPE:	60 mil HDPE.
MTL LAYER:	Primary
QC NAME:	L. Alston

SEAM NO.	DATE	TIME	SEAM LENGTH	SEAMER INT	MACHINE NO.	Wedge / Barrel	Speed / Preheat	Comments
111/202	06/18/09	932	515	NK	75	760	7	
111/250	06/23/09	1648	22	NK	75	760	5.5	
112/113	06/09/09	815	515	VS	76	760	7	
112/202	06/18/09	1610	22	NK	75	750	5.5	
113/114	06/09/09	838	517	MS	97	750	6.5	
113/203	06/18/09	1605	22	NK	75	750	5.5	
114/115	06/09/09	844	514	KP	67	750	7	
114/204	06/18/09	1600	22	NK	75	750	5.5	
115/116	06/09/09	855	514	SM	93	760	7	
115/205	06/18/09	1550	22	NK	75	750	5.5	
116/117	06/09/09	913	519	MJ	72	760	7	
116/206	06/18/09	1545	22	NK	75	750	5.5	
117/118	06/09/09	930	517	BM	98	760	7	
117/207	06/18/09	1540	22	NK	75	750	5.5	
118/119	06/09/09	950	517	WT	80	760	7	
118/208	06/18/09	1535	22	NK	75	750	5.5	
119/120	06/09/09	1010	520	NK	75	760	7	
119/209	06/18/09	1530	22	NK	75	750	5.5	
120/121	06/09/09	1257	520	KP	67	750	7	



GSI
PANEL SEAMING FORM

PROJECT NAME:	Sarasota County Phase 2
PROJECT NO.:	29005
MATERIAL TYPE:	60 mil HDPE.
MTL LAYER:	Primary
QC NAME:	L. Alston

SEAM NO.	DATE	TIME	SEAM LENGTH	SEAMER INT	MACHINE NO.	Wedge / Barrel	Speed / Preheat	Comments
120/210	06/18/09	1527	22	NK	75	750	5.5	
120/CAP	07/11/09	930	269	SM	76	760	5	187-456
120/CAP	07/11/09	1023	187	NK	75	760	5.5	0-187
120/CAP	07/11/09	1120	63	SM	76	760	5	456-ELOS
121/122	06/09/09	1316	520	NK	75	760	7	
121/211	06/18/09	1525	22	NK	75	750	5.5	
121/CAP	07/10/09	1728	222	NK	75	760	5.5	202-424
121/CAP	07/10/09	1735	202	AS	98	760	4.5	0-202
121/CAP	07/10/09	1825	100	NK	75	760	5.5	424-ELOS
122/123	06/09/09	1341	520	MS	97	750	7	
122/212	06/19/09	922	22	NK	75	750	5.5	
123/124	06/09/09	1400	525	VS	76	760	8	
123/213	06/19/09	917	22	NK	75	750	5.5	
124/125	06/09/09	1416	521	BM	98	760	7	
124/214	06/19/09	912	22	NK	75	750	5.5	
125/126	06/09/09	1434	521	MJ	72	760	7	
125/215	06/19/09	907	22	NK	75	750	5.5	
126/127	06/09/09	1500	524	SM		760	7	
126/216	06/19/09	902	22	NK	75	750	5.5	



GSI
PANEL SEAMING FORM

PROJECT NAME:	Sarasota County Phase 2
PROJECT NO.:	29005
MATERIAL TYPE:	60 mil HDPE.
MTL LAYER:	Primary
QC NAME:	L. Alston

SEAM NO.	DATE	TIME	SEAM LENGTH	SEAMER INT	MACHINE NO.	Wedge / Barrel	Speed / Preheat	Comments
127/128	06/09/09	1527	524	WT	80	760	7	
127/217	06/19/09	857	22	NK	75	750	5.5	
128/129	06/09/09	1540	522	NK	75	760	7	
128/218	06/19/09	1352	22	NK	75	750	5.5	
129/130	06/09/09	1559	522	KP	67	750	7	
129/219	06/19/09	1347	22	NK	75	750	5.5	
130/131	06/09/09	1615	514	MS	97	750	7	
130/220	06/19/09	1342	22	NK	75	750	5.5	
131/132	06/09/09	1630	514	VS	76	760	8	
131/221	06/19/09	1335	22	NK	75	750	5.5	
132/133	06/09/09	1646	520	BM	98	760	7	
132/222	06/19/09	1330	22	NK	75	750	5.5	
133/134	06/09/09	1722	520	MJ	72	760	7	
133/223	06/19/09	1325	22	NK	75	750	5.5	
134/135	06/09/09	1752	519	SM	93	760	7	
134/224	06/19/09	1320	22	NK	75	750	5.5	
135/136	06/09/09	1814	519	WT	80	760	7	
135/225	06/19/09	1200	22	NK	75	750	5.5	
136/226	06/19/09	1154	22	NK	75	750	5.5	



**GSI
PANEL SEAMING FORM**

PROJECT NAME:	Sarasota County Phase 2
PROJECT NO.:	29005
MATERIAL TYPE:	60 mil HDPE.
MTL LAYER:	Primary
QC NAME:	L. Alston

SEAM NO.	DATE	TIME	SEAM LENGTH	SEAMER INT	MACHINE NO.	Wedge / Barrel	Speed / Preheat	Comments
136/284	07/11/09	915	518	AS	98	760	6.5	
202/203	06/18/09	935	516	AS	98	760	7	
202/252	06/23/09	1645	22	NK	75	760	5.5	
203/204	06/18/09	945	516	SM	93	760	7	
203/254	06/23/09	1710	22	NK	75	760	5.5	
204/205	06/18/09	948	517	SK	72	760	7	
204/255	06/23/09	1705	22	NK	75	760	5.5	
205/206	06/18/09	1001	519	KP	67	750	7	
205/256	06/23/09	1855	22	NK	75	760	5.5	
206/207	06/18/09	1038	518	VS	97	750	7	
206/258	06/23/09	1850	22	NK	75	760	5.5	
207/208	06/18/09	1110	514	AS	98	760	6.5	
207/260	06/23/09	1845	22	NK	75	760	5.5	
208/209	06/18/09	1114	514	NK	75	760	7	
208/261	06/24/09	1716	22	NK	75	760	5.5	
209/210	06/18/09	1130	264	SK	72	760	6.5	250-ELOS
209/210	06/18/09	1120	250	SM	93	760	7	0-250
209/262	06/24/09	1707	22	NK	75	760	5.5	
210/211	06/18/09	1410	514	VS	97	760	6.5	



**GSI
PANEL SEAMING FORM**

PROJECT NAME:	Sarasota County Phase 2
PROJECT NO.:	29005
MATERIAL TYPE:	60 mil HDPE.
MTL LAYER:	Primary
QC NAME:	L. Alston

SEAM NO.	DATE	TIME	SEAM LENGTH	SEAMER INT	MACHINE NO.	Wedge / Barrel	Speed / Preheat	Comments
210/263	06/24/09	1802	12	NK	75	760	5.5	
210/CAP	07/11/09	1350	519	SM	76	760	5	
211/212	06/18/09	1505	519	AS	98	760	7	
211/347	07/29/09	1440	22	VM	68	250	250	
211/CAP	07/10/09	1846	240	NK	75	760	5.5	230-ELOS
211/CAP	07/10/09	1900	230	AS	98	760	4.5	0-230
212/213	06/18/09	1455	519	SK	72	760	6.5	
212/265	06/24/09	1905	22	NK	75	760	5.5	
213/214	06/18/09	1525	520	SM	93	760	8	
213/267	06/24/09	1915	22	NK	75	760	5.5	
214/215	06/18/09	1545	519	KP	67	760	7	
214/268	06/24/09	1910	22	NK	75	760	5.5	
214/271	06/25/09	1627	4	VS	53	260	260	See Repair # 786
215/216	06/18/09	1600	515	VS	97	760	8	
215/271	06/25/09	1115	22	NK	75	760	5	
216/217	06/18/09	1627	418	NK	75	760	7	97-ELOS
216/217	06/18/09	1720	97	VS	97	760	8	0-97
216/272	06/25/09	1110	22	NK	75	760	5	
217/218	06/18/09	1705	200	KP	67	760	8	0-200



GSI
PANEL SEAMING FORM

PROJECT NAME:	Sarasota County Phase 2
PROJECT NO.:	29005
MATERIAL TYPE:	60 mil HDPE.
MTL LAYER:	Primary
QC NAME:	L. Alston

SEAM NO.	DATE	TIME	SEAM LENGTH	SEAMER INT	MACHINE NO.	Wedge / Barrel	Speed / Preheat	Comments
217/218	06/18/09	1655	315	AS	98	760	6.5	200-ELOS
217/276	06/25/09	1100	22	NK	75	760	5	
218/219	06/18/09	1715	237	SK	72	760	7	275-ELOS
218/219	06/18/09	1705	275	SM	93	760	7	0-275
218/281	06/25/09	1135	22	NK	75	760	5	
218/282	06/25/09	1530	5	VS	53	260	260	See Repair # 790
219/220	06/19/09	830	512	VS	97	760	7	
219/282	06/25/09	1128	22	NK	75	760	5	
220/221	06/19/09	840	518	AS	90	760	6.5	
220/319	07/21/09	1015	19	NK	72	760	5.5	
221/222	06/19/09	945	522	SK	72	760	6.5	
221/322	07/21/09	1011	19	NK	72	760	5.5	
222/223	06/19/09	920	518	KP	67	760	8	
222/323	07/21/09	1006	19	NK	72	760	5.5	
223/224	06/19/09	920	518	SM	93	760	7	
223/325	07/21/09	959	19	NK	72	760	5.5	
224/225	06/19/09	935	520	NK	75	750	7	
224/327	07/21/09	852	22	NK	72	760	5.5	
225/226	06/19/09	1008	520	AS	90	760	6.5	



GSI
PANEL SEAMING FORM

PROJECT NAME:	Sarasota County Phase 2
PROJECT NO.:	29005
MATERIAL TYPE:	60 mil HDPE.
MTL LAYER:	Primary
QC NAME:	L. Alston

SEAM NO.	DATE	TIME	SEAM LENGTH	SEAMER INT	MACHINE NO.	Wedge / Barrel	Speed / Preheat	Comments
225/328	07/21/09	947	19	NK	72	760	5.5	
226/291	07/11/09	1155	514	AS	98	760	6.5	
226/291	07/20/09	1730	33	NK	72	760	7	
226/329	07/21/09	942	19	NK	72	760	5.5	
226/331	07/22/09	1125	7	VM	68	250	250	See Repair # 936
227/228	06/19/09	1215	137	SM	93	760	7	
227/229	06/19/09	1136	251	SM	93	760	7	
228/229	06/19/09	1418	22	AS	90	760	6.5	
228/230	06/19/09	1447	109	VS	97	760	7	
229/230	06/19/09	1427	148	VS	97	760	7	
229/231	06/19/09	1409	104	VS	97	760	7	
230/231	06/19/09	1409	22	AS	90	760	6.5	
230/232	06/19/09	1536	131	VS	97	760	7	
231/232	06/19/09	1500	104	VS	97	760	7	
232/233	06/19/09	1413	380	SM	93	760	7	
233/234	06/19/09	1611	123	SM	93	760	7	
233/235	06/19/09	1530	250	SM	93	760	7	
234/235	06/19/09	1425	22	AS	90	760	6.5	
234/236	06/19/09	1545	132	AS	90	760	6.5	



GSI
PANEL SEAMING FORM

PROJECT NAME:	Sarasota County Phase 2
PROJECT NO.:	29005
MATERIAL TYPE:	60 mil HDPE.
MTL LAYER:	Primary
QC NAME:	L. Alston

SEAM NO.	DATE	TIME	SEAM LENGTH	SEAMER INT	MACHINE NO.	Wedge / Barrel	Speed / Preheat	Comments
235/236	06/19/09	1525	137	AS	90	760	6.5	
235/237	06/19/09	1505	114	AS	90	760	6.5	
236/237	06/19/09	1453	16	AS	90	760	6.5	
236/283	07/03/09	1450	264	SM	93	760	5.5	
237/283	07/03/09	1425	114	SM	93	760	5.5	
238/239	06/23/09	920	109	AS	98	760	6.5	
238/240	06/23/09	945	233	AS	98	760	6.5	
238/283	07/03/09	1430	344	AS	98	760	6.5	
239/240	06/23/09	1027	22	NK	75	760	5.5	
239/241	06/23/09	955	139	SM	93	760	7	
240/241	06/23/09	1020	139	SM	93	760	7	
240/242	06/23/09	1020	100	SK	72	760	6.6	
241/242	06/23/09	1015	22	NK	75	760	5.5	
241/243	06/23/09	1015	278	KP	67	760	7	
242/243	06/23/09	1037	96	NK	75	760	5.5	
243/244	06/23/09	1030	376	MS	97	750	6.5	
244/245	06/23/09	1052	135	AS	98	760	6.5	
244/246	06/23/09	1115	242	AS	98	760	6.5	
245/246	06/23/09	1132	22	NK	75	760	5.5	



GSI
PANEL SEAMING FORM

PROJECT NAME:	Sarasota County Phase 2
PROJECT NO.:	29005
MATERIAL TYPE:	60 mil HDPE.
MTL LAYER:	Primary
QC NAME:	L. Alston

SEAM NO.	DATE	TIME	SEAM LENGTH	SEAMER INT	MACHINE NO.	Wedge / Barrel	Speed / Preheat	Comments
245/247	06/23/09	1100	120	SM	93	760	7	
246/247	06/23/09	1130	154	SK	72	760	6.6	
246/248	06/23/09	1140	86	MS	97	750	6.5	
247/248	06/23/09	1142	22	NK	75	760	5.5	
247/249	06/23/09	1400	274	SK	72	760	7	
248/249	06/23/09	1440	85	SK	72	760	7	
249/250	06/23/09	1405	368	AS	98	760	6.5	
250/251	06/23/09	1525	128	AS	98	760	6.5	
250/252	06/23/09	1445	252	AS	98	760	6.5	
251/252	06/23/09	1604	22	NK	75	760	5.5	
251/253	06/23/09	1410	132	SK	72	760	7	
252/253	06/23/09	1550	139	SK	72	760	7	
252/254	06/23/09	1607	111	SM	93	760	7	
253/254	06/23/09	1620	22	NK	75	760	5.5	
253/255	06/23/09	1650	260	KP	67	760	7	
254/255	06/23/09	1635	111	KP	67	760	7	
255/256	06/23/09	1623	377	AS	98	760	6.5	
256/257	06/23/09	1800	125	SM	93	760	7	
256/258	06/23/09	1720	242	SM	93	760	7	



GSI

PANEL SEAMING FORM

PROJECT NAME:	Sarasota County Phase 2
PROJECT NO.:	29005
MATERIAL TYPE:	60 mil HDPE.
MTL LAYER:	Primary
QC NAME:	L. Alston

SEAM NO.	DATE	TIME	SEAM LENGTH	SEAMER INT	MACHINE NO.	Wedge / Barrel	Speed / Preheat	Comments
257/258	06/23/09	1730	22	NK	75	760	5.5	
257/259	06/23/09	1900	134	KP	67	760	7	
258/259	06/23/09	1830	139	KP	67	760	7	
258/260	06/23/09	1555	105	KP	67	760	7	
259/260	06/23/09	1612	22	KP	67	760	7	
259/261	06/23/09	1845	140	SM	93	760	7	140-ELOS
259/261	06/23/09	1852	133	AS	98	760	6.5	0-133
260/261	06/23/09	1823	106	AS	98	760	6.5	
261/262	06/24/09	937	378	NK	75	760	5.5	
262/263	06/24/09	950	384	AS	98	760	6.5	
263/347	07/28/09	1015	376	KP	97	760	5.5	
264/265	06/24/09	1745	22	NK	75	760	5.5	
264/266	06/24/09	1805	135	AS	98	760	6.5	
264/347	07/28/09	1020	129	AS	98	750	6.5	
265/266	06/24/09	1818	136	NK	75	760	5.5	
265/267	06/24/09	1830	102	SK	72	760	5.5	
265/347	07/28/09	1040	240	AS	98	750	6.5	
266/267	06/24/09	1825	22	SM	93	760	6	
266/268	06/24/09	1830	270	KP	67	760	7	



**GSI
PANEL SEAMING FORM**

PROJECT NAME:	Sarasota County Phase 2
PROJECT NO.:	29005
MATERIAL TYPE:	60 mil HDPE.
MTL LAYER:	Primary
QC NAME:	L. Alston

SEAM NO.	DATE	TIME	SEAM LENGTH	SEAMER INT	MACHINE NO.	Wedge / Barrel	Speed / Preheat	Comments
267/268	06/24/09	1845	102	SM	93	760	6	
268/269	06/25/09	852	141	AS	98	760	7	
268/270	06/25/09	915	139	AS	98	760	7	
268/271	06/25/09	950	88	AS	98	760	7	
269/270	06/25/09	933	22	NK	75	760	5	
269/274	06/25/09	930	43	KP	67	760	7	
269/275	06/25/09	900	98	KP	67	760	7	
270/271	06/25/09	948	22	NK	75	760	5	
270/273	06/25/09	955	63	KP	67	760	7	
270/274	06/25/09	947	77	KP	67	760	7	
271/272	06/25/09	1021	26	KP	67	760	7	
271/273	06/25/09	1005	72	KP	67	760	7	
272/273	06/25/09	956	22	NK	75	760	5	
272/276	06/25/09	1035	25	SM	93	760	7	
273/274	06/25/09	940	22	NK	75	760	5	
273/276	06/25/09	1026	20	SM	93	760	7	
273/277	06/25/09	1020	44	SM	93	760	7	
273/278	06/25/09	1013	60	SM	93	760	7	
274/275	06/25/09	920	22	NK	75	760	5	



GSI
PANEL SEAMING FORM

PROJECT NAME:	Sarasota County Phase 2
PROJECT NO.:	29005
MATERIAL TYPE:	60 mil HDPE.
MTL LAYER:	Primary
QC NAME:	L. Alston

SEAM NO.	DATE	TIME	SEAM LENGTH	SEAMER INT	MACHINE NO.	Wedge / Barrel	Speed / Preheat	Comments
274/279	06/25/09	1000	22	SM	93	760	7	
275/279	06/25/09	935	75	SM	93	760	7	
276/277	06/25/09	1003	22	NK	75	760	5	
276/281	06/25/09	1105	44	AS	98	760	7	
277/278	06/25/09	1008	22	NK	75	760	5	
277/280	06/25/09	1100	20	AS	98	760	7	
277/281	06/25/09	1100	23	AS	98	760	7	
278/279	06/25/09	1017	22	NK	75	760	5	
278/280	06/25/09	1045	60	AS	98	760	7	
279/280	06/25/09	1015	198	AS	98	760	7	
280/281	06/25/09	1038	22	NK	75	760	5	
280/282	06/25/09	1035	196	KP	67	760	7	0-196
280/282	06/25/09	1055	104	SM	93	760	7	196-ELOS
281/282	06/25/09	1055	71	SM	93	760	7	
282/319	07/20/09	1530	374	AS	98	760	5.5	
284/285	07/11/09	857	518	KP	97	760	6.5	
284/291	07/11/09	1610	22	AS	98	760	6.5	
285/286	07/11/09	900	518	SS	80	760	6.5	
285/292	07/11/09	1605	22	AS	98	760	6.5	



**GSI
PANEL SEAMING FORM**

PROJECT NAME:	Sarasota County Phase 2
PROJECT NO.:	29005
MATERIAL TYPE:	60 mil HDPE.
MTL LAYER:	Primary
QC NAME:	L. Alston

SEAM NO.	DATE	TIME	SEAM LENGTH	SEAMER INT	MACHINE NO.	Wedge / Barrel	Speed / Preheat	Comments
286/293	07/11/09	1600	12	AS	98	760	6.5	
286/420	08/20/09	956	493	MC	97	750	5	
286/421	08/20/09	1147	19	MC	97	750	5	
287/288	07/11/09	1005	517	NK	75	760	7	
287/294	07/11/09	1643	22	AS	98	760	6.5	
287/420	08/20/09	940	493	AS	98	750	6.5	
287/421	08/20/09	1130	17	AS	98	750	6.5	
288/289	07/11/09	1034	517	KP	97	760	6.5	
288/295	07/11/09	1636	22	AS	98	760	6.5	
289/290	07/11/09	1052	517	SS	80	760	6.5	
289/296	07/11/09	1630	22	AS	98	760	6.5	
290/297	07/11/09	1625	22	AS	98	760	6.5	
290/298	07/13/09	828	516	NK	75	760	7	
291/292	07/11/09	1400	514	AS	98	760	6.5	
291/292	07/21/09	925	23	NK	72	760	7	
291/331	07/21/09	937	19	NK	72	760	5.5	
292/293	07/11/09	1350	514	NK	75	760	7	
292/293	07/21/09	900	23	SM	76	760	7	
292/333	07/21/09	932	19	NK	72	760	5.5	



GSI
PANEL SEAMING FORM

PROJECT NAME:	Sarasota County Phase 2
PROJECT NO.:	29005
MATERIAL TYPE:	60 mil HDPE.
MTL LAYER:	Primary
QC NAME:	L. Alston

SEAM NO.	DATE	TIME	SEAM LENGTH	SEAMER INT	MACHINE NO.	Wedge / Barrel	Speed / Preheat	Comments
292/333 A	07/22/09	1440	3	VM	68	250	250	See Repair # 942
293/333 A	07/21/09	1045	7	NK	72	760	7	
293/334 A	07/21/09	1027	17	NK	72	760	5.5	
293/421	08/20/09	1412	504	MC	97	750	5	
293/422	08/21/09	940	15	MC	97	750	5	
294/295	07/11/09	1430	514	SS	80	760	7.5	
294/335	07/21/09	1147	22	NK	72	760	5.5	
294/421	08/20/09	1410	506	AS	98	750	6.5	
294/422	08/23/09	830	18	VM	73	250	250	See Repair #1142
295/296	07/11/09	1508	514	KP	97	760	7	
295/357	07/21/09	1140	22	NK	72	760	5.5	
296/297	07/11/09	1535	514	NK	75	760	7	
296/338	07/21/09	1135	22	NK	72	760	5.5	
297/300	07/13/09	900	514	KP	97	760	6.5	
297/340	07/21/09	1130	22	NK	72	760	5.5	
298/299	07/13/09	828	516	SS	80	760	7	
298/300	07/13/09	1530	22	AS	98	760	4.5	
299/301	07/13/09	1525	22	AS	98	760	4.5	
299/315	07/13/09	1355	516	SS	80	760	7	

GSI
PANEL SEAMING FORM

PROJECT NAME:	Sarasota County Phase 2
PROJECT NO.:	29005
MATERIAL TYPE:	60 mil HDPE.
MTL LAYER:	Primary
QC NAME:	L. Alston

SEAM NO.	DATE	TIME	SEAM LENGTH	SEAMER INT	MACHINE NO.	Wedge / Barrel	Speed / Preheat	Comments
300/301	07/13/09	915	514	SM	76	760	7	
300/342	07/21/09	1418	22	NK	72	760	5.5	
301/316	07/13/09	1443	112	NK	75	760	7	
301/317	07/13/09	1500	120	NK	75	760	7	
301/318	07/13/09	1530	248	NK	75	760	7	
301/343	07/21/09	1412	22	NK	72	760	5.5	
301/344	07/21/09	1420	36	SM	76	760	7	
302/303	07/13/09	1005	238	SS	80	760	7	
302/305	07/13/09	1055	40	AS	98	760	7	
302/348	08/06/09	1040	54	AS	98	760	7.5	
302/351	08/07/09	1400	22	AS	98	760	7.5	
302/352	08/07/09	1405	22	AS	98	760	7.5	
302/353	08/07/09	1408	22	AS	98	760	7.5	
302/354	08/07/09	1412	22	AS	98	760	7.5	
302/355	08/07/09	1416	22	AS	98	760	7.5	
302/356	08/07/09	1422	22	AS	98	760	7.5	
302/357	08/07/09	1426	22	AS	98	760	7.5	
302/358	08/07/09	1430	22	AS	98	760	7.5	
302/359	08/07/09	1434	22	AS	98	760	7.5	



GSI
PANEL SEAMING FORM

PROJECT NAME:	Sarasota County Phase 2
PROJECT NO.:	29005
MATERIAL TYPE:	60 mil HDPE.
MTL LAYER:	Primary
QC NAME:	L. Alston

SEAM NO.	DATE	TIME	SEAM LENGTH	SEAMER INT	MACHINE NO.	Wedge / Barrel	Speed / Preheat	Comments
302/361	08/07/09	1438	22	AS	98	760	7.5	
302/366	08/08/09	1532	22	AS	98	760	7.5	
303/304	07/13/09	1027	238	NK	75	760	7	
303/305	07/13/09	1030	22	AS	98	760	4.5	
304/305	07/13/09	1100	40	NK	75	760	7	
304/306	07/13/09	1038	187	KP	97	760	6.5	
304/307	07/13/09	1115	93	KP	97	760	6.5	
304/368	08/08/09	1540	22	AS	98	760	7.5	
305/367	08/08/09	1536	22	AS	98	760	7.5	
306/307	07/13/09	1050	22	AS	98	760	4.5	
306/308	07/13/09	1105	187	SM	76	760	7	
307/308	07/13/09	1151	101	SM	76	760	7	
307/369	08/08/09	1550	22	AS	98	760	7.5	
308/309	07/13/09	1155	96	SS	80	760	7	
308/310	07/13/09	1125	204	SS	80	760	7	
308/369	08/08/09	1600	6	AS	98	760	7.5	
308/370	08/08/09	1605	21	AS	98	760	7.5	
309/310	07/13/09	1131	22	AS	98	760	4.5	
309/311	07/13/09	1209	106	NK	75	760	7	



GSI
PANEL SEAMING FORM

PROJECT NAME:	Sarasota County Phase 2
PROJECT NO.:	29005
MATERIAL TYPE:	60 mil HDPE.
MTL LAYER:	Primary
QC NAME:	L. Alston

SEAM NO.	DATE	TIME	SEAM LENGTH	SEAMER INT	MACHINE NO.	Wedge / Barrel	Speed / Preheat	Comments
309/371	08/08/09	1610	22	AS	98	760	7.5	
310/311	07/13/09	1127	204	NK	75	760	7	
311/312	07/13/09	1310	311	AS	98	760	7	
311/313	07/13/09	1410	22	AS	98	760	4.5	
312/313	07/13/09	1415	17	AS	98	760	7	
312/314	07/13/09	1335	354	NK	75	760	7	
312/373	08/08/09	1625	12	AS	98	760	7.5	
312/374	08/08/09	1631	7	AS	98	760	7.5	
312/375	08/08/09	1628	16	AS	98	760	7.5	
313/372	08/08/09	1616	16	AS	98	760	7.5	
313/373	08/08/09	1619	11	AS	98	760	7.5	
314/315	07/13/09	1410	381	KP	97	760	6.5	
314/374	08/08/09	1633	15	AS	98	760	7.5	
314/376	08/08/09	1640	22	AS	98	760	7.5	
314/377	08/08/09	1644	18	AS	98	760	7.5	
315/316	07/13/09	1540	22	AS	98	760	4.5	
315/377	08/08/09	1649	4	AS	98	760	7.5	
315/378	08/08/09	1655	23	AS	98	760	7.5	
315/379	08/11/09	915	14	KC	97	760	5.5	



GSI
PANEL SEAMING FORM

PROJECT NAME:	Sarasota County Phase 2
PROJECT NO.:	29005
MATERIAL TYPE:	60 mil HDPE.
MTL LAYER:	Primary
QC NAME:	L. Alston

SEAM NO.	DATE	TIME	SEAM LENGTH	SEAMER INT	MACHINE NO.	Wedge / Barrel	Speed / Preheat	Comments
315/380	08/11/09	920	22	KC	97	760	5.5	
315/381	08/11/09	925	22	KC	97	760	5.5	
315/382	08/11/09	930	22	KC	97	760	5.5	
315/383	08/11/09	935	4	KC	97	760	5.5	
316/317	07/13/09	1440	22	AS	98	760	4.5	
316/383	08/11/09	936	18	KC	97	760	5.5	
316/384	08/11/09	940	22	KC	97	760	5.5	
316/385	08/11/09	945	22	KC	97	760	5.5	
316/386	08/11/09	950	22	KC	97	760	5.5	
316/387	08/11/09	955	22	KC	97	760	5.5	
316/388	08/11/09	1000	7	KC	97	760	5.5	
317/318	07/13/09	1450	22	AS	98	760	4.5	
317/388	08/11/09	1002	15	KC	97	760	5.5	
317/389	08/11/09	1005	22	KC	97	760	5.5	
317/390	08/11/09	1010	22	KC	97	760	5.5	
317/391	08/11/09	1015	22	KC	97	760	5.5	
317/392	08/11/09	CAP	22	KC	97	760	5.5	
317/393	08/11/09	CAP	17	KC	97	760	5.5	
318/344	07/21/09	1510	22	NK	72	760	5.5	



**GSI
PANEL SEAMING FORM**

PROJECT NAME:	Sarasota County Phase 2
PROJECT NO.:	29005
MATERIAL TYPE:	60 mil HDPE.
MTL LAYER:	Primary
QC NAME:	L. Alston

SEAM NO.	DATE	TIME	SEAM LENGTH	SEAMER INT	MACHINE NO.	Wedge / Barrel	Speed / Preheat	Comments
318/393	08/11/09	1110	6	KC	97	760	5.5	
318/394	08/11/09	1111	22	KC	97	760	5.5	
318/395	08/11/09	1116	22	KC	97	760	5.5	
318/396	08/11/09	1121	22	KC	97	760	5.5	
318/397	08/11/09	1126	22	KC	97	760	5.5	
318/398	08/11/09	1131	22	KC	97	760	5.5	
318/399	08/11/09	1136	22	KC	97	760	5.5	
318/400	08/11/09	1141	22	KC	97	760	5.5	
318/401	08/11/09	1146	22	KC	97	760	5.5	
318/402	08/11/09	1151	22	KC	97	760	5.5	
318/403	08/11/09	1156	22	KC	97	760	5.5	
318/404	08/11/09	1330	22	KC	97	760	5.5	
319/320	07/20/09	1613	132	KP	97	760	7	
319/321	07/20/09	1553	125	KP	97	760	7	
319/322	07/20/09	1534	116	KP	97	760	7	
320/321	07/20/09	1524	22	NK	72	760	5.5	
320/323	07/20/09	1619	132	SM	76	760	7	
321/322	07/20/09	1520	22	NK	72	760	5.5	
321/323	07/20/09	1600	125	SM	76	760	7	



GSI
PANEL SEAMING FORM

PROJECT NAME:	Sarasota County Phase 2
PROJECT NO.:	29005
MATERIAL TYPE:	60 mil HDPE.
MTL LAYER:	Primary
QC NAME:	L. Alston

SEAM NO.	DATE	TIME	SEAM LENGTH	SEAMER INT	MACHINE NO.	Wedge / Barrel	Speed / Preheat	Comments
322/323	07/20/09	1540	116	SM	76	760	7	
323/324	07/20/09	1650	132	NK	72	760	7	
323/325	07/20/09	1620	242	NK	72	760	7	
324/325	07/20/09	1602	22	NK	72	760	5.5	
324/326	07/20/09	1720	132	AS	98	760	6.5	
325/326	07/20/09	1658	138	AS	98	760	6.5	
325/327	07/20/09	1643	102	AS	98	760	6.5	
326/327	07/20/09	1720	22	NK	72	760	5.5	
326/328	07/20/09	1704	271	KP	97	760	7	
327/328	07/20/09	1648	102	KP	97	760	7	
328/329	07/20/09	1705	373	SM	76	760	7	
329/330	07/20/09	1750	132	AS	98	760	6.5	
329/331	07/20/09	1738	249	NK	72	760	7	
330/331	07/20/09	1815	22	NK	72	760	5.5	
330/332	07/21/09	920	134	AS	98	760	6.5	
331/332	07/21/09	855	103	AS	98	760	6.5	
331/333	07/21/09	843	139	AS	98	760	6.5	
332/333	07/21/09	825	15	AS	98	760	6.5	
332/334	07/21/09	930	335	SM	76	760	7	



**GSI
PANEL SEAMING FORM**

PROJECT NAME:	Sarasota County Phase 2
PROJECT NO.:	29005
MATERIAL TYPE:	60 mil HDPE.
MTL LAYER:	Primary
QC NAME:	L. Alston

SEAM NO.	DATE	TIME	SEAM LENGTH	SEAMER INT	MACHINE NO.	Wedge / Barrel	Speed / Preheat	Comments
333 A/334 A	07/22/09	1430	3	VM	68	250	250	See Repair # 943
333/333 A	07/21/09	1050	7	NK	72	760	7	
333/334	07/21/09	905	133	SM	76	760	7	
333/334 A	07/21/09	1053	5	NK	72	760	7	
334 A/422	08/23/09		6	VM	68	250	250	
334/334 A	07/21/09	1034	17	NK	72	760	5.5	
334/422	08/21/09	1105	364	MC	97	750	5	
335/336	07/21/09	1000	195	SS	80	760	7	
335/337	07/21/09	1030	125	SS	80	760	7	
335/422	08/21/09	925	315	AS	98	750	6.5	
335/426	08/23/09	1129	22	AS	98	750	6	
336/337	07/21/09	1104	22	NK	72	760	5.5	
336/338	07/21/09	1015	195	AS	98	760	6.5	
336/427	08/23/09	1125	22	AS	98	750	6	
337/338	07/21/09	1045	125	AS	98	760	6.5	
338/339	07/21/09	1030	60	KP	97	760	7	
338/340	07/21/09	1046	264	KP	97	760	7	
338/428	08/23/09	1120	22	AS	98	750	6	
339/340	07/21/09	1113	22	NK	72	760	5.5	



GSI

PANEL SEAMING FORM

PROJECT NAME:	Sarasota County Phase 2
PROJECT NO.:	29005
MATERIAL TYPE:	60 mil HDPE.
MTL LAYER:	Primary
QC NAME:	L. Alston

SEAM NO.	DATE	TIME	SEAM LENGTH	SEAMER INT	MACHINE NO.	Wedge / Barrel	Speed / Preheat	Comments
339/341	07/21/09	1510	63	NK	72	760	7	
339/429	08/23/09	1116	22	AS	98	750	6	
340/341	07/21/09	1121	194	SS	80	760	7	
340/342	07/21/09	1145	68	SM	76	760	7	
341/342	07/21/09	1430	22	NK	72	760	5.5	
341/343	07/21/09	1455	259	AS	98	760	6.5	
341/430	08/23/09	1111	22	AS	98	750	6	
342/343	07/21/09	1420	70	AS	98	760	6.5	
343/345	07/21/09	1425	81	SM	76	760	7	
343/346	07/21/09	1440	243	SM	76	760	7	
343/431	08/23/09	1108	20	AS	98	750	6	
344/345	07/21/09	1450	22	NK	72	760	5.5	
344/405	08/11/09	1335	22	KC	97	760	5.5	
344/406	08/11/09	1340	14	KC	97	760	5.5	
345/346	07/21/09	1439	22	NK	72	760	5.5	
345/406	08/11/09	1343	8	KC	97	760	5.5	
345/407	08/11/09	1345	22	KC	97	760	5.5	
345/408	08/11/09	1350	22	KC	97	760	5.5	
345/409	08/11/09	1355	2	KC	97	760	5.5	



**GSI
PANEL SEAMING FORM**

PROJECT NAME:	Sarasota County Phase 2
PROJECT NO.:	29005
MATERIAL TYPE:	60 mil HDPE.
MTL LAYER:	Primary
QC NAME:	L. Alston

SEAM NO.	DATE	TIME	SEAM LENGTH	SEAMER INT	MACHINE NO.	Wedge / Barrel	Speed / Preheat	Comments
345/410	08/11/09	1400	7	KC	97	760	5.5	
346/410	08/11/09	1401	15	KC	97	760	5.5	
346/411	08/11/09	1405	22	KC	97	760	5.5	
346/412	08/11/09	1410	22	KC	97	760	5.5	
346/413	08/11/09	1415	22	KC	97	760	5.5	
346/414	08/11/09	1420	22	KC	97	760	5.5	
346/415	08/11/09	1425	22	KC	97	760	5.5	
346/416	08/11/09	1430	22	KC	97	760	5.5	
346/417	08/11/09	1435	22	KC	97	760	5.5	
346/418	08/11/09	1440	22	KC	97	760	5.5	
346/419	08/11/09	1445	22	KC	97	760	5.5	
346/423	08/23/09	1100	22	AS	98	750	6	
346/424	08/23/09	1105	3	AS	98	750	6	
346/425	08/23/09	1106	8	AS	98	750	6	
348/349	08/06/09	1100	36	AS	98	760	7.5	
348/350	08/07/09	1155	29	AS	98	760	7.5	
349/350	08/07/09	1135	12	AS	98	760	7.5	
350/351	08/06/09	1110	34	AS	98	760	7.5	
351/352	08/06/09	1122	34	AS	98	760	7.5	



GSI
PANEL SEAMING FORM

PROJECT NAME:	Sarasota County Phase 2
PROJECT NO.:	29005
MATERIAL TYPE:	60 mil HDPE.
MTL LAYER:	Primary
QC NAME:	L. Alston

SEAM NO.	DATE	TIME	SEAM LENGTH	SEAMER INT	MACHINE NO.	Wedge / Barrel	Speed / Preheat	Comments
352/353	08/06/09	1137	34	AS	98	760	7.5	
353/354	08/06/09	1152	35	AS	98	760	7.5	
354/355	08/06/09	1400	35	AS	98	760	7.5	
355/356	08/06/09	1414	36	AS	98	760	7.5	
356/357	08/06/09	1420	36	AS	98	760	7.5	
357/358	08/06/09	1437	37	AS	98	760	7.5	
358/359	08/06/09	1454	41	AS	98	760	7.5	
359/360	08/06/09	1448	22	AS	98	760	7.5	
359/361	08/06/09	1513	41	AS	98	760	7.5	
361/362	08/06/09	1553	41	AS	98	760	7.5	
362/363	08/07/09	1500	4	AS	98	760	7.5	
362/364	08/07/09	1518	17	AS	98	760	7.5	
362/365	08/07/09	1513	27	AS	98	760	7.5	
363/364	08/07/09	1520	8	AS	98	760	7.5	
364/365	08/06/09	1620	18	AS	98	760	7.5	
365/366	08/06/09	1644	32	AS	98	760	7.5	
366/367	08/06/09	1652	35	AS	98	760	7.5	
367/368	08/06/09	1703	36	AS	98	760	7.5	
368/369	08/07/09	900	38	AS	98	760	7.5	



**GSI
PANEL SEAMING FORM**

PROJECT NAME:	Sarasota County Phase 2
PROJECT NO.:	29005
MATERIAL TYPE:	60 mil HDPE.
MTL LAYER:	Primary
QC NAME:	L. Alston

SEAM NO.	DATE	TIME	SEAM LENGTH	SEAMER INT	MACHINE NO.	Wedge / Barrel	Speed / Preheat	Comments
369/370	08/07/09	906	38	AS	98	760	7.5	
370/371	08/07/09	915	39	AS	98	760	7.5	
371/372	08/07/09	925	38	AS	98	760	7.5	
372/373	08/07/09	940	39	AS	98	760	7.5	
373/374	08/07/09	1011	10	AS	98	760	7.5	
373/375	08/07/09	1013	29	AS	98	760	7.5	
374/375	08/07/09	1000	29	AS	98	760	7.5	
374/376	08/07/09	1020	36	AS	98	760	7.5	
376/377	08/07/09	1022	39	AS	98	760	7.5	
377/378	08/07/09	1046	38	AS	98	760	7.5	
378/379	08/08/09	930	29	AS	98	760	7.5	
378/380	08/08/09	934	6	AS	98	760	7.5	
379/380	08/08/09	924	29	AS	98	760	7.5	
380/381	08/08/09	911	34	AS	98	760	7.5	
381/382	08/08/09	950	34	AS	98	760	7.5	
382/383	08/08/09	1030	35	AS	98	760	7.5	
383/384	08/08/09	1040	35	AS	98	760	7.5	
384/385	08/08/09	1050	35	AS	98	760	7.5	
385/386	08/08/09	1055	36	AS	98	760	7.5	



GSI
PANEL SEAMING FORM

PROJECT NAME:	Sarasota County Phase 2
PROJECT NO.:	29005
MATERIAL TYPE:	60 mil HDPE.
MTL LAYER:	Primary
QC NAME:	L. Alston

SEAM NO.	DATE	TIME	SEAM LENGTH	SEAMER INT	MACHINE NO.	Wedge / Barrel	Speed / Preheat	Comments
386/387	08/08/09	1107	36	AS	98	760	7.5	
387/388	08/08/09	1116	36	AS	98	760	7.5	
388/389	08/08/09	1125	36	AS	98	760	7.5	
389/390	08/08/09	1131	36	AS	98	760	7.5	
390/391	08/08/09	1141	35	AS	98	760	7.5	
391/392	08/08/09	1150	35	AS	98	760	7.5	
392/393	08/08/09	1405	35	AS	98	760	7.5	
393/394	08/08/09	1410	35	AS	98	760	7.5	
394/395	08/08/09	1422	35	AS	98	760	7.5	
395/396	08/08/09	1431	35	AS	98	760	7.5	
396/397	08/08/09	1441	35	KC	97	760	7.5	
397/398	08/08/09	1447	35	KC	97	760	7.5	
398/399	08/08/09	1458	35	KC	97	760	7.5	
399/400	08/10/09	920	35	KC	97	760	7.5	
400/401	08/10/09	935	36	KC	97	760	7.5	
401/402	08/10/09	945	36	KC	97	760	7.5	
402/403	08/10/09	955	36	KC	97	760	7.5	
403/404	08/10/09	1015	36	KC	97	760	7.5	
404/405	08/10/09	1030	37	KC	97	760	7.5	



GSI
PANEL SEAMING FORM

PROJECT NAME:	Sarasota County Phase 2
PROJECT NO.:	29005
MATERIAL TYPE:	60 mil HDPE.
MTL LAYER:	Primary
QC NAME:	L. Alston

SEAM NO.	DATE	TIME	SEAM LENGTH	SEAMER INT	MACHINE NO.	Wedge / Barrel	Speed / Preheat	Comments
405/406	08/10/09	1105	37	KC	97	760	7.5	
406/407	08/10/09	1120	37	KC	97	760	7.5	
407/408	08/10/09	1130	37	KC	97	760	7.5	
408/409	08/10/09	1430	38	KC	97	760	7.5	
409/410	08/10/09	1420	38	KC	97	760	7.5	
410/411	08/10/09	1450	38	KC	97	760	7.5	
411/412	08/10/09	1505	38	KC	97	760	7.5	
412/413	08/10/09	1515	39	KC	97	760	7.5	
413/414	08/10/09	1525	39	KC	97	760	7.5	
414/415	08/10/09	1530	39	KC	97	760	7.5	
415/416	08/10/09	1540	39	KC	97	760	7.5	
416/417	08/10/09	1600	40	KC	97	760	7.5	
417/418	08/10/09	1615	40	KC	97	760	7.5	
418/419	08/10/09	1620	40	KC	97	760	7.5	
419/423	08/21/09	1132	47	AS	98	750	6.5	
420/421	08/20/09	1130	22	MC	97	750	5	
421/422	08/21/09	918	22	MC	97	750	5	
422/426	08/21/09	1150	59	AS	98	750	6.5	
423/424	08/21/09	1141	46	AS	98	750	6.5	



GSI
PANEL SEAMING FORM

PROJECT NAME:	Sarasota County Phase 2
PROJECT NO.:	29005
MATERIAL TYPE:	60 mil HDPE.
MTL LAYER:	Primary
QC NAME:	L. Alston

SEAM NO.	DATE	TIME	SEAM LENGTH	SEAMER INT	MACHINE NO.	Wedge / Barrel	Speed / Preheat	Comments
424/425	08/23/09	1114	20	AS	98	750	6	
424/434	08/23/09	1035	40	MC	97	750	5	
425/431	08/23/09	1131	4	AS	98	750	6	
425/432	08/23/09	1132	16	AS	98	750	6	
426/427	08/23/09	905	57	AS	98	750	6	
427/428	08/23/09	815	56	MC	97	750	5	
428/429	08/23/09	927	56	AS	98	750	6	
429/430	08/23/09	835	55	MC	97	750	5	
430/431	08/23/09	940	55	AS	98	750	6	
431/432	08/23/09	845	50	MC	97	750	5	
432/433	08/23/09	954	24	AS	98	750	6	
432/434	08/23/09	1126	15	AS	98	750	6	
433/434	08/23/09	1107	23	AS	98	750	6	

APPENDIX 4

**Non-Destructive Testing Logs
Secondary Liner**

(blank)



**GSI
NON-DESTRUCTIVE TESTING FORM**

PROJECT NAME: Sarasota County Phase 2	Test Criteria	AIR TEST	Test Criteria	Vacuum Test
PROJECT NO.: 29005	Start Pressure	35 PSI	Vac. Time	10 Sec
MATERIAL TYPE: 60 mil HDPE LINER	Test Time	5 Minutes	Vac. Pres.	5 psi
MATERIAL LAYER: Secondary (CELL 1)	Accept. Drop	3 psi		
QC NAME: TAH				

Seam Number	Test Date	Tech Initials	Test Type (A or V)	Air Pressure Test		Time		Test Result (P or F)	Test Locations
				psi start	psi finish	Start	End		
001/002	04/28/09	SS	AIR	36	36	923	928	PASS	ELOS
001/012	04/30/09	SS	AIR	36	36	853	858	PASS	ELOS
001/TIE IN	4/29/09	SS	AIR	35	35	755	800	PASS	150-ELOS
001/TIE IN	4/29/09	SS	AIR	40	40	801	806	PASS	125-150
001/TIE IN	4/29/09	SS	AIR	35	35	803	808	PASS	0-125
002/003	04/28/09	SS	AIR	39	39	906	911	PASS	100-415
002/003	04/28/09	SS	AIR	35	35	912	917	PASS	0-100
002/003	04/28/09	SS	AIR	36	36	923	928	PASS	415-ELOS
002/012	04/30/09	SC	Vacuum					PASS	See Repair #51
002/013	04/30/09	SS	AIR	40	40	850	855	PASS	ELOS
003/004	04/28/09	SS	AIR	38	38	815	820	PASS	5-50
003/004	04/28/09	SS	AIR	35	35	822	827	PASS	50-ELOS
003/004	04/30/09	SC	Vacuum					PASS	0-5 See R 7
003/014	04/30/09	SS	AIR	44	44	840	845	PASS	ELOS
003/015	04/30/09	SC	Vacuum					PASS	See Repair # 54
004/005	04/28/09	SS	AIR	35	35	745	750	PASS	265-ELOS
004/005	04/28/09	SS	AIR	37	37	756	801	PASS	0-265
004/015	04/30/09	SS	AIR	42	42	836	841	PASS	ELOS
005/006	04/29/09	SS	AIR	38	38	813	818	PASS	ELOS



**GSI
NON-DESTRUCTIVE TESTING FORM**

PROJECT NAME: Sarasota County Phase 2	Test Criteria	AIR TEST	Test Criteria	Vacuum Test
PROJECT NO.: 29005	Start Pressure	35 PSI	Vac. Time	10 Sec
MATERIAL TYPE: 60 mil HDPE LINER	Test Time	5 Minutes	Vac. Pres.	5 psi
MATERIAL LAYER: Secondary (CELL 1)	Accept. Drop	3 psi		
QC NAME: TAH				

Seam Number	Test Date	Tech Initials	Test Type (A or V)	Air Pressure Test		Time		Test Result (P or F)	Test Locations
				psi start	psi finish	Start	End		
005/016	04/30/09	SS	AIR	40	40	827	832	PASS	ELOS
006/007	04/29/09	SS	AIR	35	35	815	820	PASS	ELOS
006/017	04/30/09	SS	AIR	39	39	823	828	PASS	ELOS
007/008	04/29/09	SS	AIR	35	35	817	822	PASS	ELOS
007/017	05/01/09	SC	Vacuum					PASS	See R #66
007/018	04/30/09	SS	AIR	41	41	908	913	PASS	ELOS
008/009	04/29/09	SS	AIR	36	36	818	823	PASS	ELOS
008/019	04/30/09	SS	AIR	39	37	811	816	PASS	ELOS
009/010	04/29/09	SS	AIR	37	37	910	915	PASS	ELOS
009/020	04/30/09	SS	AIR	36	36	810	815	PASS	ELOS
010/011	04/29/09	SS	AIR	36	36	827	832	PASS	ELOS
010/021	05/03/09	SM	AIR	35	35	1343	1348	PASS	ELOS
010/022	05/01/09	SC	Vacuum					PASS	See Repair #81
011/022	05/03/09	SM	AIR	39	37	1340	1345	PASS	ELOS
011/052	05/03/09	SM	AIR	35	35	1346	1351	PASS	ELOS
012/013	04/30/09	SS	AIR	36	35	852	857	PASS	ELOS
012/054	05/05/09	SM	AIR	35	35	1125	1130	PASS	ELOS
012/TIE IN	04/30/09	SS	AIR	40	39	1353	1358	PASS	0-95
012/TIE IN	04/30/09	SS	AIR	35	35	1354	1359	PASS	95-450



**GSI
NON-DESTRUCTIVE TESTING FORM**

PROJECT NAME: Sarasota County Phase 2	Test Criteria	AIR TEST	Test Criteria	Vacuum Test
PROJECT NO.: 29005	Start Pressure	35 PSI	Vac. Time	10 Sec
MATERIAL TYPE: 60 mil HDPE LINER	Test Time	5 Minutes	Vac. Pres.	5 psi
MATERIAL LAYER: Secondary (CELL 1)	Accept. Drop	3 psi		
QC NAME: TAH				

Seam Number	Test Date	Tech Initials	Test Type (A or V)	Air Pressure Test		Time		Test Result (P or F)	Test Locations
				psi start	psi finish	Start	End		
012/TIE IN	04/30/09	SS	AIR	39	39	1401	1406	PASS	450-ELOS
013/014	04/30/09	SS	AIR	39	38	843	848	PASS	ELOS
013/054	05/05/09	SM	AIR	35	35	1125	1130	PASS	ELOS
014/015	04/30/09	SS	AIR	38	38	838	843	PASS	ELOS
014/072	05/05/09	SM	AIR	36	35	1127	1132	PASS	ELOS
015/016	04/30/09	SS	AIR	36	36	834	839	PASS	ELOS
015/073	05/05/09	SM	AIR	35	35	1127	1132	PASS	ELOS
016/017	04/30/09	SS	AIR	38	38	825	830	PASS	ELOS
016/074	05/05/09	SM	AIR	36	35	1142	1147	PASS	ELOS
016/076	05/06/09	SC	Vacuum					PASS	See Repair #235
017/018	04/30/09	SS	AIR	37	37	820	825	PASS	ELOS
017/076	05/05/09	SM	AIR	35	35	1144	1149	PASS	ELOS
018/019	04/30/09	SS	AIR	36	36	813	818	PASS	ELOS
018/076	05/06/09	SC	Vacuum					PASS	See Repair #236
018/078	05/05/09	SM	AIR	35	35	1335	1340	PASS	ELOS
019/020	04/30/09	SS	AIR	38	38	809	814	PASS	ELOS
019/078	05/06/09	SC	Vacuum					PASS	See Repair #237
019/079	05/05/09	SM	AIR	35	35	1347	1352	PASS	ELOS
020/021	04/30/09	SS	AIR	37	37	1411	1416	PASS	ELOS



**GSI
NON-DESTRUCTIVE TESTING FORM**

PROJECT NAME: Sarasota County Phase 2	Test Criteria	AIR TEST	Test Criteria	Vacuum Test
PROJECT NO.: 29005	Start Pressure	35 PSI	Vac. Time	10 Sec
MATERIAL TYPE: 60 mil HDPE LINER	Test Time	5 Minutes	Vac. Pres.	5 psi
MATERIAL LAYER: Secondary (CELL 1)	Accept. Drop	3 psi		
QC NAME: TAH				

Seam Number	Test Date	Tech Initials	Test Type (A or V)	Air Pressure Test		Time		Test Result (P or F)	Test Locations
				psi start	psi finish	Start	End		
020/080	05/05/09	SM	AIR	35	35	1347	1352	PASS	ELOS
021/022	04/30/09	SS	AIR	40	39	1412	1417	PASS	ELOS
021/084	05/05/09	SM	AIR	36	36	1353	1358	PASS	ELOS
022/052	05/03/09	SM	AIR	35	35	1346	1351	PASS	ELOS
022/053	05/03/09	SM	AIR	35	35	1442	1447	PASS	0-250
022/053	05/03/09	SM	AIR	35	34	1530	1535	PASS	250-502
022/053	05/04/09	SM	AIR	36	36	748	753	PASS	502-ELOS
022/086	05/05/09	SM	AIR	35	33	1359	1404	PASS	ELOS
023/024	04/30/09	SS	AIR	37	37	835	840	PASS	ELOS
023/031	05/03/09	SS	AIR	38	38	813	818	PASS	ELOS
023/046	05/03/09	SS	AIR	40	40	816	821	PASS	ELOS
024/025	04/30/09	SS	AIR	41	41	1828	1833	PASS	ELOS
024/045	05/03/09	SS	AIR	35	35	810	815	PASS	ELOS
025/026	04/30/09	SS	AIR	38	38	1830	1835	PASS	ELOS
025/044	05/03/09	SS	AIR	39	39	800	805	PASS	ELOS
026/027	04/30/09	SS	AIR	36	35	754	759	PASS	ELOS
026/043	05/03/09	SS	AIR	45	45	756	801	PASS	ELOS
027/028	05/01/09	SS	AIR	38	38	753	758	PASS	ELOS
027/042	05/03/09	SS	AIR	45	45	755	800	PASS	ELOS



**GSI
NON-DESTRUCTIVE TESTING FORM**

PROJECT NAME: Sarasota County Phase 2	Test Criteria	AIR TEST	Test Criteria	Vacuum Test
PROJECT NO.: 29005	Start Pressure	35 PSI	Vac. Time	10 Sec
MATERIAL TYPE: 60 mil HDPE LINER	Test Time	5 Minutes	Vac. Pres.	5 psi
MATERIAL LAYER: Secondary (CELL 1)	Accept. Drop	3 psi		
QC NAME: TAH				

Seam Number	Test Date	Tech Initials	Test Type (A or V)	Air Pressure Test		Time		Test Result (P or F)	Test Locations
				psi start	psi finish	Start	End		
028/029	05/01/09	SS	AIR	39	39	752	757	PASS	ELOS
028/041	05/03/09	SS	AIR	43	42	754	759	PASS	ELOS
029/030	04/30/09	SS	AIR	45	45	1402	1407	PASS	375-ELOS
029/030	05/01/09	SS	AIR	41	40	917	922	PASS	0-255
029/030	05/01/09	SS	AIR	35	35	918	923	PASS	270-375
029/030	05/01/09	SC	Vacuum					PASS	255-270 See R93
029/040	05/03/09	SS	AIR	39	38	739	744	PASS	ELOS
030/039	05/03/09	SS	AIR	37	37	753	758	PASS	ELOS
030/092	05/06/09	SM	AIR	36	36	1709	1714	PASS	0-292
030/092	05/06/09	SM	AIR	37	37	1709	1714	PASS	292-ELOS
031/047	05/03/09	SS	AIR	37	35	820	825	PASS	ELOS
039/040	05/02/09	SS	AIR	40	40	835	840	PASS	0-337
039/040	05/02/09	SS	AIR	37	37	840	845	PASS	337-ELOS
039/093	05/06/09	SM	AIR	36	36	1844	1849	PASS	ELOS
039/102	05/14/09	SM	AIR	35	35	1305	1310	PASS	ELOS
040/041	05/02/09	SM	AIR	35	35	1602	1607	PASS	ELOS
040/104	05/14/09	SM	AIR	35	35	1308	1313	PASS	ELOS
041/042	05/02/09	SM	AIR	35	35	1604	1609	PASS	ELOS
041/106	05/14/09	SM	AIR	35	35	1308	1313	PASS	ELOS



**GSI
NON-DESTRUCTIVE TESTING FORM**

PROJECT NAME: Sarasota County Phase 2	Test Criteria	AIR TEST	Test Criteria	Vacuum Test
PROJECT NO.: 29005	Start Pressure	35 PSI	Vac. Time	10 Sec
MATERIAL TYPE: 60 mil HDPE LINER	Test Time	5 Minutes	Vac. Pres.	5 psi
MATERIAL LAYER: Secondary (CELL 1)	Accept. Drop	3 psi		
QC NAME: TAH				

Seam Number	Test Date	Tech Initials	Test Type (A or V)	Air Pressure Test		Time		Test Result (P or F)	Test Locations
				psi start	psi finish	Start	End		
042/043	05/02/09	SM	AIR	35	35	1612	1617	PASS	0-412
042/043	05/02/09	SM	AIR	35	35	1612	1617	PASS	412-ELOS
042/107	05/14/09	SM	AIR	35	35	1321	1326	PASS	ELOS
043/044	05/02/09	SM	AIR	35	35	1614	1619	PASS	ELOS
043/108	05/14/09	SM	AIR	36	36	1323	1328	PASS	ELOS
044/045	05/02/09	SM	AIR	35	35	1617	1622	PASS	ELOS
044/109	05/14/09	SM	AIR	36	36	1328	1333	PASS	ELOS
045/046	05/02/09	SM	AIR	35	35	1722	1727	PASS	ELOS
045/110	05/14/09	SM	AIR	35	35	1326	1331	PASS	ELOS
046/047	05/02/09	SM	AIR	36	36	1735	1740	PASS	ELOS
046/111	05/14/09	SM	AIR	39	39	1110	1115	PASS	ELOS
047/112	05/14/09	SM	AIR	37	37	1126	1131	PASS	9-ELOS
047/112	05/14/09	SM	AIR	38	38	1130	1135	PASS	0-9
052/053	05/03/09	SM	AIR	35	35	1348	1353	PASS	ELOS
052/092	05/06/09	SM	AIR	36	35	1713	1718	PASS	ELOS
052/094	05/07/09	SM	AIR	37	36	1259	1304	PASS	ELOS
052/095	05/07/09	SM	AIR	37	36	1310	1315	PASS	ELOS
052/096	05/07/09	SM	AIR	35	35	1411	1416	PASS	ELOS
052/097	05/07/09	SM	AIR	35	35	1426	1431	PASS	0-50



**GSI
NON-DESTRUCTIVE TESTING FORM**

PROJECT NAME: Sarasota County Phase 2	Test Criteria	AIR TEST	Test Criteria	Vacuum Test
PROJECT NO.: 29005	Start Pressure	35 PSI	Vac. Time	10 Sec
MATERIAL TYPE: 60 mil HDPE LINER	Test Time	5 Minutes	Vac. Pres.	5 psi
MATERIAL LAYER: Secondary (CELL 1)	Accept. Drop	3 psi		
QC NAME: TAH				

Seam Number	Test Date	Tech Initials	Test Type (A or V)	Air Pressure Test		Time		Test Result (P or F)	Test Locations
				psi start	psi finish	Start	End		
052/097	05/07/09	SM	AIR	37	36	1426	1431	PASS	50-ELOS
052/098	05/07/09	SM	AIR	35	35	1306	1311	PASS	ELOS
053/088	05/05/09	SM	AIR	35	35	1405	1410	PASS	ELOS
053/093	05/06/09	SM	AIR	35	35	1744	1749	PASS	124-184
053/093	05/06/09	SM	AIR	35	34	1745	1750	PASS	0-124
053/093	05/07/09	SM	AIR	35	35	759	804	PASS	184-ELOS
053/094	05/07/09	SM	AIR	35	35	1300	1305	PASS	ELOS
054/055	05/04/09	BS	AIR	35	34	1018	1023	PASS	ELOS
054/072	05/04/09	SM	AIR	37	36	1736	1741	PASS	ELOS
054/TIE IN	05/04/09	SM	AIR	35	35	1009	1014	PASS	6-ELOS
054/TIE IN	05/06/09	SSC	Vacuum					PASS	0-6 See R281
055/056	05/04/09	BS	AIR	35	34	1024	1029	PASS	ELOS
055/072	05/04/09	SM	AIR	35	33	1736	1741	PASS	ELOS
055/TIE IN	05/04/09	SM	AIR	36	35	1009	1014	PASS	ELOS
056/057	05/04/09	BS	AIR	35	33	1033	1038	PASS	ELOS
056/071	05/04/09	SM	AIR	36	35	1752	1757	PASS	ELOS
056/TIE IN	05/04/09	SM	AIR	37	37	1014	1019	PASS	ELOS
057/058	05/04/09	BS	AIR	35	34	1037	1042	PASS	ELOS
057/071	05/04/09	SM	AIR	36	36	1742	1747	PASS	ELOS



**GSI
NON-DESTRUCTIVE TESTING FORM**

PROJECT NAME: Sarasota County Phase 2	Test Criteria	AIR TEST	Test Criteria	Vacuum Test
PROJECT NO.: 29005	Start Pressure	35 PSI	Vac. Time	10 Sec
MATERIAL TYPE: 60 mil HDPE LINER	Test Time	5 Minutes	Vac. Pres.	5 psi
MATERIAL LAYER: Secondary (CELL 1)	Accept. Drop	3 psi		
QC NAME: TAH				

Seam Number	Test Date	Tech Initials	Test Type (A or V)	Air Pressure Test		Time		Test Result (P or F)	Test Locations
				psi start	psi finish	Start	End		
057/TIE IN	05/04/09	SM	AIR	35	35	1014	1019	PASS	ELOS
058/059	05/04/09	BS	AIR	35	34	1044	1049	PASS	ELOS
058/071	05/04/09	SM	AIR	36	36	1745	1750	PASS	ELOS
058/TIE IN	05/04/09	SM	AIR	35	35	1018	1023	PASS	0-9
058/TIE IN	05/04/09	SM	AIR	35	35	1019	1024	PASS	9-ELOS
059/060	05/04/09	BS	AIR	35	35	1059	1064	PASS	ELOS
059/071	05/04/09	SM	AIR	36	36	1745	1750	PASS	ELOS
059/TIE IN	05/04/09	SM	AIR	36	36	1025	1030	PASS	ELOS
060/061	05/04/09	BS	AIR	35	34	1055	1060	PASS	ELOS
060/071	05/04/09	SM	AIR	36	36	1759	1804	PASS	ELOS
060/TIE IN	05/04/09	SM	AIR	36	36	1025	1030	PASS	ELOS
061/062	05/04/09	BS	AIR	35	35	1107	1112	PASS	ELOS
061/071	05/04/09	SM	AIR	36	36	1759	1804	PASS	ELOS
061/TIE IN	05/04/09	SM	AIR	36	36	1029	1034	PASS	ELOS
062/063	05/04/09	BS	AIR	35	34	1111	1116	PASS	ELOS
062/071	05/04/09	SM	AIR	36	36	1802	1807	PASS	ELOS
062/TIE IN	05/04/09	SM	AIR	35	35	1029	1034	PASS	ELOS
063/064	05/04/09	BS	AIR	35	35	1134	1139	PASS	ELOS
063/071	05/04/09	SM	AIR	35	34	1807	1812	PASS	ELOS



**GSI
NON-DESTRUCTIVE TESTING FORM**

PROJECT NAME: Sarasota County Phase 2	Test Criteria	AIR TEST	Test Criteria	Vacuum Test
PROJECT NO.: 29005	Start Pressure	35 PSI	Vac. Time	10 Sec
MATERIAL TYPE: 60 mil HDPE LINER	Test Time	5 Minutes	Vac. Pres.	5 psi
MATERIAL LAYER: Secondary (CELL 1)	Accept. Drop	3 psi		
QC NAME: TAH				

Seam Number	Test Date	Tech Initials	Test Type (A or V)	Air Pressure Test		Time		Test Result (P or F)	Test Locations
				psi start	psi finish	Start	End		
063/TIE IN	05/04/09	SM	AIR	36	35	1035	1040	PASS	ELOS
064/065	05/04/09	BS	AIR	35	34	1138	1143	PASS	ELOS
064/071	05/04/09	SM	AIR	35	35	1818	1823	PASS	ELOS
064/TIE IN	05/04/09	SM	AIR	35	35	1035	1040	PASS	ELOS
065/066	05/04/09	BS	AIR	35	33	1300	1305	PASS	ELOS
065/071	05/04/09	SM	AIR	36	35	1810	1815	PASS	ELOS
065/TIE IN	05/04/09	SM	AIR	36	36	1044	1049	PASS	ELOS
066/067	05/04/09	BS	AIR	36	35	1305	1310	PASS	ELOS
066/069	05/07/09	SM	AIR	36	36	948	953	PASS	ELOS
066/070	05/07/09	SM	AIR	35	34	948	953	PASS	ELOS
066/TIE IN	05/04/09	SM	AIR	36	35	1044	1049	PASS	ELOS
067/068	05/07/09	SM	AIR	35	33	953	958	PASS	ELOS
067/TIE IN	05/04/09	SM	AIR	35	35	1044	1049	PASS	ELOS
068/069	05/07/09	SM	AIR	35	35	953	958	PASS	ELOS
069/070	05/04/09	BS	AIR	35	35	1302	1307	PASS	ELOS
070/071	05/04/09	SM	AIR	36	36	1821	1826	PASS	ELOS
071/072	05/04/09	BS	AIR	39	38	1519	1524	PASS	ELOS
071/073	05/04/09	BS	AIR	36	35	1647	1652	PASS	ELOS
072/073	05/04/09	BS	AIR	35	33	1548	1553	PASS	ELOS



**GSI
NON-DESTRUCTIVE TESTING FORM**

PROJECT NAME: Sarasota County Phase 2	Test Criteria	AIR TEST	Test Criteria	Vacuum Test
PROJECT NO.: 29005	Start Pressure	35 PSI	Vac. Time	10 Sec
MATERIAL TYPE: 60 mil HDPE LINER	Test Time	5 Minutes	Vac. Pres.	5 psi
MATERIAL LAYER: Secondary (CELL 1)	Accept. Drop	3 psi		
QC NAME: TAH				

Seam Number	Test Date	Tech Initials	Test Type (A or V)	Air Pressure Test		Time		Test Result (P or F)	Test Locations
				psi start	psi finish	Start	End		
073/074	05/04/09	BS	AIR	35	34	1610	1615	PASS	ELOS
073/075	05/04/09	BS	AIR	36	36	1636	1641	PASS	ELOS
074/075	05/04/09	BS	AIR	35	35	1832	1837	PASS	ELOS
074/076	05/04/09	SM	AIR	35	35	1832	1837	PASS	ELOS
074/077	05/04/09	SM	AIR	36	36	1832	1837	PASS	ELOS
075/077	05/05/09	SM	AIR	36	36	742	747	PASS	0-123
075/077	05/05/09	SM	AIR	35	35	742	747	PASS	123-203
075/077	05/05/09	SM	AIR	35	35	744	749	PASS	203-ELOS
076/077	05/04/09	SM	AIR	36	36	1832	1837	PASS	ELOS
076/078	05/05/09	SM	AIR	35	33	804	809	PASS	ELOS
077/078	05/05/09	SM	AIR	35	35	804	809	PASS	ELOS
078/079	05/05/09	SM	AIR	36	36	815	820	PASS	ELOS
079/080	05/05/09	SM	AIR	36	36	819	824	PASS	ELOS
079/081	05/05/09	SM	AIR	35	33	819	824	PASS	ELOS
079/082	05/05/09	SM	AIR	35	35	921	926	PASS	ELOS
080/081	05/05/09	SM	AIR	40	40	833	838	PASS	ELOS
080/083	05/05/09	SM	AIR	36	35	1319	1324	PASS	ELOS
080/084	05/05/09	SM	AIR	35	35	1317	1322	PASS	ELOS
081/082	05/05/09	SM	AIR	35	34	1326	1331	PASS	ELOS



**GSI
NON-DESTRUCTIVE TESTING FORM**

PROJECT NAME: Sarasota County Phase 2	Test Criteria	AIR TEST	Test Criteria	Vacuum Test
PROJECT NO.: 29005	Start Pressure	35 PSI	Vac. Time	10 Sec
MATERIAL TYPE: 60 mil HDPE LINER	Test Time	5 Minutes	Vac. Pres.	5 psi
MATERIAL LAYER: Secondary (CELL 1)	Accept. Drop	3 psi		
QC NAME: TAH				

Seam Number	Test Date	Tech Initials	Test Type (A or V)	Air Pressure Test		Time		Test Result (P or F)	Test Locations
				psi start	psi finish	Start	End		
081/083	05/05/09	SM	AIR	35	35	1326	1331	PASS	ELOS
082/083	05/05/09	SM	AIR	35	35	1326	1331	PASS	ELOS
083/084	05/05/09	SM	AIR	35	35	1302	1307	PASS	ELOS
083/085	05/05/09	SM	AIR	35	35	1256	1301	PASS	ELOS
083/086	05/05/09	SM	AIR	35	35	1256	1261	PASS	ELOS
084/086	05/05/09	SM	AIR	35	35	1302	1307	PASS	ELOS
085/086	05/05/09	SM	AIR	35	35	1301	1306	PASS	ELOS
085/087	05/05/09	SM	AIR	35	34	1439	1444	PASS	162-ELOS
085/087	05/05/09	SM	AIR	37	36	1444	1449	PASS	0-162
086/087	05/05/09	SM	AIR	35	34	1247	1252	PASS	ELOS
086/088	05/05/09	SM	AIR	35	35	1247	1252	PASS	ELOS
087/088	05/05/09	SM	AIR	35	35	1248	1253	PASS	ELOS
087/099	05/13/09	SM	AIR	35	34	1437	1442	PASS	ELOS
087/100	05/13/09	SM	AIR	36	36	1401	1406	PASS	167-183
087/100	05/13/09	SM	AIR	36	35	1401	1406	PASS	183-ELOS
087/100	05/13/09	SM	AIR	36	36	1442	1447	PASS	0-75
087/100	05/13/09	SM	AIR	37	36	1442	1447	PASS	75-167
088/099	05/14/09	SM	AIR	36	36	845	850	PASS	ELOS
092/093	05/06/09	SM	AIR	36	35	1732	1737	PASS	ELOS



**GSI
NON-DESTRUCTIVE TESTING FORM**

PROJECT NAME: Sarasota County Phase 2	Test Criteria	AIR TEST	Test Criteria	Vacuum Test
PROJECT NO.: 29005	Start Pressure	35 PSI	Vac. Time	10 Sec
MATERIAL TYPE: 60 mil HDPE LINER	Test Time	5 Minutes	Vac. Pres.	5 psi
MATERIAL LAYER: Secondary (CELL 1)	Accept. Drop	3 psi		
QC NAME: TAH				

Seam Number	Test Date	Tech Initials	Test Type (A or V)	Air Pressure Test		Time		Test Result (P or F)	Test Locations
				psi start	psi finish	Start	End		
092/094	05/07/09	SM	AIR	35	35	1259	1304	PASS	ELOS
092/095	05/07/09	SM	AIR	36	36	1310	1315	PASS	ELOS
092/096	05/07/09	SM	AIR	35	35	1411	1416	PASS	ELOS
092/097	05/07/09	SM	AIR	35	35	1424	1429	PASS	ELOS
092/098	05/07/09	SM	AIR	35	35	1306	1311	PASS	ELOS
093/094	05/07/09	SM	AIR	36	34	1254	1259	PASS	ELOS
093/099	05/14/09	SM	AIR	38	37	1335	1340	PASS	ELOS
094/098	05/07/09	SC	Vacuum					PASS	See Repair #332
095/096	05/08/09	SC	Vacuum					PASS	See Repair #335
096/097	05/08/09	SC	Vacuum					PASS	See R334
099/100	05/13/09	SM	AIR	35	34	1428	1433	PASS	ELOS
099/101	05/13/09	SM	AIR	35	35	1505	1510	PASS	ELOS
099/102	05/13/09	SM	AIR	36	35	1510	1515	PASS	ELOS
100/101	05/13/09	SM	AIR	36	35	1428	1433	PASS	ELOS
101/102	05/14/09	SM	AIR	35	35	812	817	PASS	ELOS
101/103	05/14/09	SM	AIR	36	36	856	901	PASS	ELOS
101/104	05/14/09	SM	AIR	37	37	827	832	PASS	ELOS
102/104	05/14/09	SM	AIR	35	35	812	817	PASS	ELOS
103/104	05/14/09	SM	AIR	36	35	855	900	PASS	ELOS



**GSI
NON-DESTRUCTIVE TESTING FORM**

PROJECT NAME: Sarasota County Phase 2	Test Criteria	AIR TEST	Test Criteria	Vacuum Test
PROJECT NO.: 29005	Start Pressure	35 PSI	Vac. Time	10 Sec
MATERIAL TYPE: 60 mil HDPE LINER	Test Time	5 Minutes	Vac. Pres.	5 psi
MATERIAL LAYER: Secondary (CELL 1)	Accept. Drop	3 psi		
QC NAME: TAH				

Seam Number	Test Date	Tech Initials	Test Type (A or V)	Air Pressure Test		Time		Test Result (P or F)	Test Locations
				psi start	psi finish	Start	End		
103/105	05/14/09	SM	AIR	35	35	908	913	PASS	ELOS
104/105	05/14/09	SM	AIR	35	35	908	913	PASS	ELOS
104/106	05/14/09	SM	AIR	36	36	917	922	PASS	ELOS
105/106	05/14/09	SM	AIR	35	35	917	922	PASS	ELOS
105/107	05/14/09	SM	AIR	36	36	944	949	PASS	ELOS
106/107	05/14/09	SM	AIR	37	37	928	933	PASS	ELOS
107/108	05/14/09	SM	AIR	35	35	1025	1030	PASS	ELOS
108/109	05/14/09	SM	AIR	36	36	1112	1117	PASS	ELOS
109/110	05/14/09	SM	AIR	36	36	1114	1119	PASS	ELOS
110/111	05/14/09	SM	AIR	37	37	1124	1129	PASS	0-155 N
110/111	05/14/09	SM	AIR	35	35	1133	1138	PASS	155-ELOS
111/112	05/14/09	SM	AIR	35	35	1136	1141	PASS	0-176 N
111/112	05/14/09	SM	AIR	35	35	1140	1145	PASS	176-356 N
111/112	05/14/09	SM	AIR	38	38	1150	1155	PASS	356-ELOS



**GSI
NON-DESTRUCTIVE TESTING FORM**

PROJECT NAME: Sarasota County Phase 2	Test Criteria	AIR TEST	Test Criteria	Vacuum Test
PROJECT NO.: 29005	Start Pressure	35	Vac. Time	15 sec
MATERIAL TYPE: 60 MII HDPE	Test Time	5 minutes	Vac. Pres.	5 psi
MATERIAL LAYER: SECONDARY	Accept. Drop	2 psi		
QC NAME: L Alston				

Seam Number	Test Date	Tech Initials	Test Type (A or V)	Air Pressure Test		Time		Test Result (P or F)	Test Locations
				psi start	psi finish	Start	End		
031/032	05/02/09	SS	AIR	37	37	812	817	PASS	ELOS
032/033	05/02/09	SS	AIR	37	37	810	815	PASS	ELOS
032/048	05/03/09	SS	AIR	43	42	821	826	PASS	ELOS
033/034	05/02/09	SS	AIR	39	39	757	802	PASS	ELOS
033/049	05/03/09	SS	AIR	42	42	827	832	PASS	ELOS
034/035	05/02/09	SS	AIR	40	40	756	801	PASS	ELOS
034/050	05/03/09	SS	AIR	41	41	828	833	PASS	ELOS
035/036	05/03/09	SS	AIR	40	40	824	829	PASS	0-195
035/036	05/03/09	SS	AIR	36	36	821	826	PASS	195-ELOS
035/051	05/03/09	SS	AIR	39	39	856	901	PASS	ELOS
035/089	05/08/09	SC	Vacuum					PASS	See Repair # 317
036/037	05/02/09	SS	AIR	37	37	750	755	PASS	0-160
036/037	05/02/09	SS	AIR	40	40	824	829	PASS	160-ELOS
036/089	05/07/09	SM	AIR	37	36	923	928	PASS	ELOS
037/038	05/02/09	SS	AIR	35	35	749	754	PASS	ELOS
037/090	05/07/09	SM	AIR	35	35	922	927	PASS	ELOS
038/091	05/07/09	SM	AIR	36	36	922	927	PASS	ELOS
038/123	05/26/09	SM	AIR	35	34	1555	1600	PASS	ELOS
047/048	05/02/09	SM	AIR	36	36	1744	1749	PASS	ELOS



**GSI
NON-DESTRUCTIVE TESTING FORM**

PROJECT NAME: Sarasota County Phase 2	Test Criteria	AIR TEST	Test Criteria	Vacuum Test
PROJECT NO.: 29005	Start Pressure	35	Vac. Time	15 sec
MATERIAL TYPE: 60 MII HDPE	Test Time	5 minutes	Vac. Pres.	5 psi
MATERIAL LAYER: SECONDARY	Accept. Drop	2 psi		
QC NAME: L Alston				

Seam Number	Test Date	Tech Initials	Test Type (A or V)	Air Pressure Test		Time		Test Result (P or F)	Test Locations
				psi start	psi finish	Start	End		
048/049	05/03/09	SS	AIR	39	37	852	857	PASS	0-243
048/049	05/03/09	SS	AIR	40	39	902	907	PASS	243-ELOS
048/113	05/14/09	SM	AIR	35	35	1107	1112	PASS	ELOS
049/050	05/03/09	SS	AIR	37	37	850	855	PASS	0-426
049/050	05/03/09	SS	AIR	35	35	909	914	PASS	426-ELOS
049/114	05/14/09	SM	AIR	41	41	1101	1106	PASS	ELOS
050/051	05/03/09	SS	AIR	36	36	841	846	PASS	ELOS
050/189	06/11/09	SM	AIR	35	35	1702	1707	PASS	ELOS
051/089	05/05/09	SM	AIR	37	37	1747	1752	PASS	ELOS
051/190	06/11/09	SM	AIR	36	36	1702	1707	PASS	ELOS
051/192	06/14/09	SC	Vacuum					PASS	See Repair # 709
089/090	05/05/09	SM	AIR	35	35	1749	1754	PASS	ELOS
089/192	06/11/09	SM	AIR	36	36	1706	1711	PASS	ELOS
090/091	05/05/09	SM	AIR	36	36	1805	1810	PASS	ELOS
090/194	06/11/09	SM	AIR	36	35	1706	1711	PASS	ELOS
091/133	05/27/09	SM	AIR	36	35	1308	1313	PASS	0-245
091/133	05/27/09	SM	AIR	36	36	1308	1313	PASS	245-ELOS
091/195	06/11/09	SM	AIR	37	36	1816	1821	PASS	ELOS
091/196	06/14/09	SC	Vacuum					PASS	See Repair # 712



**GSI
NON-DESTRUCTIVE TESTING FORM**

PROJECT NAME: Sarasota County Phase 2	Test Criteria	AIR TEST	Test Criteria	Vacuum Test
PROJECT NO.: 29005	Start Pressure	35	Vac. Time	15 sec
MATERIAL TYPE: 60 MII HDPE	Test Time	5 minutes	Vac. Pres.	5 psi
MATERIAL LAYER: SECONDARY	Accept. Drop	2 psi		
QC NAME: L Alston				

Seam Number	Test Date	Tech Initials	Test Type (A or V)	Air Pressure Test		Time		Test Result (P or F)	Test Locations
				psi start	psi finish	Start	End		
112/113	05/14/09	SM	AIR	37	36	1252	1257	PASS	ELOS
113/114	05/14/09	SM	AIR	37	36	124	129	PASS	ELOS
114/189	06/10/09	SM	AIR	35	35	1347	1352	PASS	0-28
114/189	06/10/09	SM	AIR	35	35	1347	1352	PASS	28-ELOS
115/116	05/26/09	SM	AIR	35	35	1332	1337	PASS	0-102
115/116	05/26/09	SM	AIR	36	35	1332	1337	PASS	102-ELOS
115/125	05/27/09	SM	AIR	35	35	842	847	PASS	ELOS
115/135	05/28/09	SM	AIR	36	35	1035	1040	PASS	ELOS
116/117	05/26/09	SM	AIR	35	35	1337	1342	PASS	ELOS
116/126	05/27/09	SM	AIR	35	35	842	847	PASS	ELOS
117/118	05/26/09	SM	AIR	35	35	1345	1350	PASS	ELOS
117/127	05/27/09	SM	AIR	35	34	833	838	PASS	ELOS
118/119	05/26/09	SM	AIR	36	36	1347	1352	PASS	ELOS
118/128	05/27/09	SM	AIR	35	35	833	838	PASS	ELOS
119/120	05/26/09	SM	AIR	36	35	1351	1356	PASS	ELOS
119/129	05/27/09	SM	AIR	38	38	825	830	PASS	ELOS
120/121	05/26/09	SM	AIR	37	36	1557	1562	PASS	ELOS
120/130	05/27/09	SM	AIR	35	35	825	830	PASS	ELOS
121/122	05/26/09	SM	AIR	35	35	1606	1611	PASS	0-307



**GSI
NON-DESTRUCTIVE TESTING FORM**

PROJECT NAME: Sarasota County Phase 2	Test Criteria	AIR TEST	Test Criteria	Vacuum Test
PROJECT NO.: 29005	Start Pressure	35	Vac. Time	15 sec
MATERIAL TYPE: 60 Mii HDPE	Test Time	5 minutes	Vac. Pres.	5 psi
MATERIAL LAYER: SECONDARY	Accept. Drop	2 psi		
QC NAME: L Alston				

Seam Number	Test Date	Tech Initials	Test Type (A or V)	Air Pressure Test		Time		Test Result (P or F)	Test Locations
				psi start	psi finish	Start	End		
121/122	05/26/09	SM	AIR	36	36	1606	1611	PASS	307-ELOS
121/131	05/27/09	SM	AIR	35	35	811	816	PASS	ELOS
122/132	05/27/09	SM	AIR	35	35	811	816	PASS	ELOS
122/145	05/29/09	SM	AIR	36	36	1138	1143	PASS	0-154
122/145	05/29/09	SM	AIR	35	35	1137	1142	PASS	154-ELOS
123/124	05/26/09	SM	AIR	36	36	1858	1903	PASS	0-97
123/124	05/26/09	SM	AIR	35	35	1855	1860	PASS	307-ELOS
123/124	05/26/09	SM	AIR	35	35	1858	1903	PASS	97-307
123/133	05/27/09	SM	AIR	36	36	1334	1339	PASS	ELOS
124/134	05/27/09	SM	AIR	35	34	1336	1341	PASS	0-4
124/134	05/27/09	SC	Vacuum	x	x	x	x	PASS	4-EOS See Repair # 486
124/145	05/29/09	SM	AIR	38	37	1146	1151	PASS	0-65
124/145	05/29/09	SM	AIR	36	35	1146	1151	PASS	65-ELOS
125/126	05/26/09	SM	AIR	36	36	1914	1919	PASS	ELOS
125/143	05/28/09	SM	AIR	35	35	1551	1556	PASS	0-457
125/143	05/28/09	SM	AIR	36	36	1611	1616	PASS	457-ELOS
125/211	06/11/09	SM	AIR	36	36	951	956	PASS	ELOS
126/127	05/26/09	SM	AIR	36	36	1915	1920	PASS	ELOS
126/209	06/11/09	SM	AIR	36	35	937	942	PASS	ELOS



**GSI
NON-DESTRUCTIVE TESTING FORM**

PROJECT NAME: Sarasota County Phase 2	Test Criteria	AIR TEST	Test Criteria	Vacuum Test
PROJECT NO.: 29005	Start Pressure	35	Vac. Time	15 sec
MATERIAL TYPE: 60 Mil HDPE	Test Time	5 minutes	Vac. Pres.	5 psi
MATERIAL LAYER: SECONDARY	Accept. Drop	2 psi		
QC NAME: L Alston				

Seam Number	Test Date	Tech Initials	Test Type (A or V)	Air Pressure Test		Time		Test Result (P or F)	Test Locations
				psi start	psi finish	Start	End		
127/128	05/26/09	SM	AIR	36	35	1918	1923	PASS	ELOS
127/208	06/11/09	SM	AIR	35	35	923	928	PASS	ELOS
128/129	05/27/09	SM	AIR	36	35	829	834	PASS	ELOS
128/207	06/11/09	SM	AIR	35	34	915	920	PASS	ELOS
129/130	05/27/09	SM	AIR	35	35	825	830	PASS	ELOS
129/205	06/11/09	SM	AIR	35	35	915	920	PASS	ELOS
130/131	05/27/09	SM	AIR	37	36	814	819	PASS	ELOS
130/203	06/11/09	SM	AIR	37	36	903	908	PASS	ELOS
131/132	05/27/09	SM	AIR	36	35	811	816	PASS	ELOS
131/202	06/11/09	SM	AIR	35	35	903	908	PASS	ELOS
132/152	05/29/09	SM	AIR	35	35	1130	1135	PASS	ELOS
132/199	06/11/09	SM	AIR	35	35	852	857	PASS	ELOS
133/134	05/27/09	SM	AIR	35	35	1330	1335	PASS	0-67
133/134	05/27/09	SM	AIR	36	36	1318	1323	PASS	505-ELOS
133/134	05/27/09	SM	AIR	36	35	1318	1323	PASS	67-505
133/196	06/11/09	SM	AIR	35	34	1814	1819	PASS	ELOS
134/152	05/29/09	SM	AIR	36	35	1307	1312	PASS	0-86
134/152	05/29/09	SM	AIR	37	36	1317	1322	PASS	163-332
134/152	05/29/09	SM	AIR	37	36	1325	1330	PASS	332-ELOS



**GSI
NON-DESTRUCTIVE TESTING FORM**

PROJECT NAME: Sarasota County Phase 2	Test Criteria	AIR TEST	Test Criteria	Vacuum Test
PROJECT NO.: 29005	Start Pressure	35	Vac. Time	15 sec
MATERIAL TYPE: 60 Mil HDPE	Test Time	5 minutes	Vac. Pres.	5 psi
MATERIAL LAYER: SECONDARY	Accept. Drop	2 psi		
QC NAME: L Alston				

Seam Number	Test Date	Tech Initials	Test Type (A or V)	Air Pressure Test		Time		Test Result (P or F)	Test Locations
				psi start	psi finish	Start	End		
134/152	05/29/09	SM	AIR	37	36	1317	1322	PASS	86-163
134/197	06/11/09	SM	AIR	35	35	1814	1819	PASS	0-7
134/197	06/11/09	SC	Vacuum					PASS	7-ELOS
135/136	05/28/09	SM	AIR	36	35	1055	1060	PASS	0-427
135/136	05/28/09	SM	AIR	35	34	1055	1060	PASS	427-ELOS
135/143	05/29/09	SM	AIR	35	35	935	940	PASS	ELOS
136/137	05/28/09	SM	AIR	36	36	1116	1121	PASS	0-222
136/137	05/28/09	SM	AIR	36	36	1112	1117	PASS	222-474
136/137	05/28/09	SM	AIR	36	36	1112	1117	PASS	474-ELOS
136/144	05/29/09	SM	AIR	35	34	937	942	PASS	ELOS
137/138	05/28/09	SM	AIR	36	36	1125	1130	PASS	ELOS
137/146	05/29/09	SM	AIR	35	35	948	953	PASS	ELOS
138/139	05/28/09	SM	AIR	36	36	1140	1145	PASS	ELOS
138/147	05/29/09	SM	AIR	37	37	944	949	PASS	ELOS
139/140	05/28/09	SM	AIR	37	36	1312	1317	PASS	ELOS
139/148	05/29/09	SM	AIR	36	36	1001	1006	PASS	ELOS
140/141	05/28/09	SM	AIR	37	36	1337	1342	PASS	0-122
140/141	05/28/09	SM	AIR	36	34	1337	1342	PASS	122-ELOS
140/149	05/29/09	SM	AIR	35	35	1010	1015	PASS	ELOS



**GSI
NON-DESTRUCTIVE TESTING FORM**

PROJECT NAME: Sarasota County Phase 2	Test Criteria	AIR TEST	Test Criteria	Vacuum Test
PROJECT NO.: 29005	Start Pressure	35	Vac. Time	15 sec
MATERIAL TYPE: 60 Mil HDPE	Test Time	5 minutes	Vac. Pres.	5 psi
MATERIAL LAYER: SECONDARY	Accept. Drop	2 psi		
QC NAME: L Alston				

Seam Number	Test Date	Tech Initials	Test Type (A or V)	Air Pressure Test		Time		Test Result (P or F)	Test Locations
				psi start	psi finish	Start	End		
141/142	05/28/09	SM	AIR	35	35	1316	1321	PASS	ELOS
141/150	05/29/09	SM	AIR	35	35	1025	1030	PASS	ELOS
142/151	05/29/09	SM	AIR	37	36	1045	1050	PASS	ELOS
142/183	06/04/09	SM	AIR	35	35	1416	1421	PASS	ELOS
143/144	05/28/09	SM	AIR	35	35	1554	1559	PASS	ELOS
143/212	06/13/09	SM	AIR	36	36	1311	1316	PASS	ELOS
144/146	05/28/09	SM	AIR	36	36	1710	1715	PASS	ELOS
144/213	06/12/09	SM	AIR	39	37	1311	1316	PASS	ELOS
145/152	05/29/09	SM	AIR	36	36	1130	1135	PASS	ELOS
146/147	05/28/09	SM	AIR	36	36	1711	1716	PASS	ELOS
146/215	06/13/09	SM	AIR	38	38	1314	1319	PASS	ELOS
147/148	05/29/09	SM	AIR	37	37	915	920	PASS	0-430
147/148	05/29/09	SM	AIR	37	36	915	920	PASS	430-ELOS
147/217	06/13/09	SM	AIR	37	35	1114	1119	PASS	ELOS
148/149	05/29/09	SM	AIR	35	35	908	913	PASS	ELOS
148/219	06/13/09	SM	AIR	39	39	1318	1323	PASS	ELOS
149/150	05/29/09	SM	AIR	35	35	850	855	PASS	ELOS
149/221	06/13/09	SM	AIR	36	35	1325	1330	PASS	0-6
149/221	06/13/09	SM	AIR	38	37	1321	1326	PASS	6-ELOS



**GSI
NON-DESTRUCTIVE TESTING FORM**

PROJECT NAME: Sarasota County Phase 2	Test Criteria	AIR TEST	Test Criteria	Vacuum Test
PROJECT NO.: 29005	Start Pressure	35	Vac. Time	15 sec
MATERIAL TYPE: 60 Mil HDPE	Test Time	5 minutes	Vac. Pres.	5 psi
MATERIAL LAYER: SECONDARY	Accept. Drop	2 psi		
QC NAME: L Alston				

Seam Number	Test Date	Tech Initials	Test Type (A or V)	Air Pressure Test		Time		Test Result (P or F)	Test Locations
				psi start	psi finish	Start	End		
150/151	05/29/09	SM	AIR	37	37	815	820	PASS	ELOS
150/223	06/13/09	SM	AIR	35	35	1326	1331	PASS	ELOS
151/186	06/04/09	SM	AIR	37	37	1724	1729	PASS	ELOS
151/223	06/14/09	SC	Vacuum					PASS	See Repair # 775
151/224	06/13/09	SM	AIR	37	37	1328	1333	PASS	ELOS
152/198	06/11/09	SM	AIR	36	35	856	901	PASS	ELOS
153/154	05/29/09	SM	AIR	35	35	1407	1412	PASS	0-408
153/154	05/29/09	SM	AIR	36	35	1407	1412	PASS	408-ELOS
153/161	05/30/09	SM	AIR	36	36	813	818	PASS	ELOS
153/169	06/01/09	SM	AIR	35	35	1520	1525	PASS	0-90
153/169	06/01/09	SM	AIR	35	34	1523	1528	PASS	175-ELOS
153/169	06/01/09	SM	AIR	35	35	1520	1525	PASS	90-175
154/155	05/29/09	SM	AIR	36	34	1354	1359	PASS	ELOS
154/162	05/30/09	SM	AIR	36	36	813	818	PASS	ELOS
155/156	05/29/09	SM	AIR	36	36	1356	1401	PASS	ELOS
155/163	05/30/09	SM	AIR	36	36	840	845	PASS	ELOS
156/157	05/29/09	SM	AIR	35	35	1400	1405	PASS	ELOS
156/164	06/02/09	SM	AIR	35	34	1026	1031	PASS	ELOS
157/158	05/29/09	SM	AIR	36	35	1610	1615	PASS	ELOS



**GSI
NON-DESTRUCTIVE TESTING FORM**

PROJECT NAME: Sarasota County Phase 2	Test Criteria	AIR TEST	Test Criteria	Vacuum Test
PROJECT NO.: 29005	Start Pressure	35	Vac. Time	15 sec
MATERIAL TYPE: 60 Mil HDPE	Test Time	5 minutes	Vac. Pres.	5 psi
MATERIAL LAYER: SECONDARY	Accept. Drop	2 psi		
QC NAME: L Alston				

Seam Number	Test Date	Tech Initials	Test Type (A or V)	Air Pressure Test		Time		Test Result (P or F)	Test Locations
				psi start	psi finish	Start	End		
157/165	06/02/09	SM	AIR	35	35	1026	1031	PASS	ELOS
158/159	05/29/09	SM	AIR	36	36	1614	1619	PASS	0-401
158/159	05/29/09	SM	AIR	36	36	1614	1619	PASS	401-ELOS
158/166	06/02/09	SM	AIR	38	37	1034	1039	PASS	ELOS
159/160	05/29/09	SM	AIR	37	36	1625	1630	PASS	0-144
159/160	05/29/09	SM	AIR	36	36	1625	1630	PASS	144-ELOS
159/167	06/02/09	SM	AIR	35	35	1034	1039	PASS	ELOS
160/168	06/02/09	SM	AIR	36	36	1025	1030	PASS	ELOS
160/184	06/04/09	SM	AIR	35	35	1426	1431	PASS	ELOS
161/162	05/30/09	SM	AIR	35	35	813	818	PASS	ELOS
161/176	06/01/09	SM	AIR	37	37	1821	1826	PASS	ELOS
161/239	06/13/09	SM	AIR	38	38	1117	1122	PASS	ELOS
162/163	05/30/09	SM	AIR	35	35	830	835	PASS	ELOS
162/238	06/13/09	SM	AIR	35	34	1125	1130	PASS	ELOS
163/164	05/30/09	SM	AIR	37	37	834	839	PASS	ELOS
163/237	06/13/09	SM	AIR	35	35	1131	1136	PASS	ELOS
164/165	06/01/09	SM	AIR	35	34	1040	1045	PASS	ELOS
164/235	06/13/09	SM	AIR	35	35	1139	1144	PASS	ELOS
165/166	06/01/09	SM	AIR	35	34	1042	1047	PASS	ELOS



**GSI
NON-DESTRUCTIVE TESTING FORM**

PROJECT NAME: Sarasota County Phase 2	Test Criteria	AIR TEST	Test Criteria	Vacuum Test
PROJECT NO.: 29005	Start Pressure	35	Vac. Time	15 sec
MATERIAL TYPE: 60 MII HDPE	Test Time	5 minutes	Vac. Pres.	5 psi
MATERIAL LAYER: SECONDARY	Accept. Drop	2 psi		
QC NAME: L Alston				

Seam Number	Test Date	Tech Initials	Test Type (A or V)	Air Pressure Test		Time		Test Result (P or F)	Test Locations
				psi start	psi finish	Start	End		
165/233	06/13/09	SM	AIR	39	38	1142	1147	PASS	ELOS
166/167	06/01/09	SM	AIR	35	34	1045	1050	PASS	ELOS
166/232	06/13/09	SM	AIR	35	34	1152	1400	PASS	ELOS
167/168	06/01/09	SM	AIR	35	34	1048	1053	PASS	ELOS
167/229	06/13/09	SM	AIR	35	35	1355	1400	PASS	ELOS
167/R # 621	06/13/09	SM	AIR	35	35	1355	1360	PASS	ELOS
168/188	06/04/09	SM	AIR	35	35	1815	1820	PASS	ELOS
168/228	06/13/09	SM	AIR	37	37	1343	1348	PASS	ELOS
169/170	06/01/09	SM	AIR	35	35	1536	1541	PASS	0-205
169/170	06/01/09	SM	AIR	35	35	1534	1539	PASS	205-ELOS
169/176	06/02/09	SM	AIR	37	37	950	955	PASS	ELOS
170/171	06/01/09	SM	AIR	35	35	1539	1544	PASS	ELOS
170/177	06/02/09	SM	AIR	35	35	950	955	PASS	ELOS
171/172	06/01/09	SM	AIR	36	35	1646	1651	PASS	ELOS
171/178	06/02/09	SM	AIR	36	36	958	1003	PASS	ELOS
172/173	06/01/09	SM	AIR	36	36	1730	1735	PASS	0-100
172/173	06/01/09	SM	AIR	36	36	1730	1735	PASS	100-120
172/173	06/01/09	SM	AIR	35	34	1725	1730	PASS	120-255
172/173	06/01/09	SM	AIR	35	35	1711	1716	PASS	255-ELOS



**GSI
NON-DESTRUCTIVE TESTING FORM**

PROJECT NAME: Sarasota County Phase 2	Test Criteria	AIR TEST	Test Criteria	Vacuum Test
PROJECT NO.: 29005	Start Pressure	35	Vac. Time	15 sec
MATERIAL TYPE: 60 MII HDPE	Test Time	5 minutes	Vac. Pres.	5 psi
MATERIAL LAYER: SECONDARY	Accept. Drop	2 psi		
QC NAME: L Alston				

Seam Number	Test Date	Tech Initials	Test Type (A or V)	Air Pressure Test		Time		Test Result (P or F)	Test Locations
				psi start	psi finish	Start	End		
172/179	06/02/09	SM	AIR	37	37	958	1003	PASS	ELOS
173/174	06/01/09	SM	AIR	36	34	1653	1658	PASS	ELOS
173/180	06/02/09	SM	AIR	36	35	1005	1010	PASS	ELOS
174/175	06/01/09	SM	AIR	35	35	1655	1660	PASS	ELOS
174/181	06/02/09	SM	AIR	35	34	1005	1010	PASS	ELOS
175/182	06/02/09	SM	AIR	36	35	1008	1013	PASS	ELOS
175/241	07/04/09	SM	AIR	36	35	40	45	PASS	ELOS
175/243	07/04/09	SM	AIR	37	36	41	46	PASS	ELOS
176/177	06/01/09	SM	AIR	36	36	1824	1829	PASS	ELOS
176/239	07/17/09	AD	Vacuum					PASS	See Repair # 1036
176/333	07/15/09	SM	AIR	35	34	1530	1535	PASS	ELOS
177/178	06/01/09	SM	AIR	37	37	1826	1831	PASS	ELOS
177/333	07/17/09	AD	Vacuum					PASS	See Repair # 1037
177/334	07/15/09	SM	AIR	36	35	1535	1540	PASS	ELOS
178/179	06/01/09	SM	AIR	35	35	1931	1936	PASS	ELOS
178/336	07/15/09	SM	AIR	37	36	1547	1552	PASS	ELOS
179/180	06/02/09	SM	AIR	35	35	808	813	PASS	ELOS
179/336	07/17/09	AD	Vacuum					PASS	See Repair # 1039
179/338	07/15/09	SM	AIR	35	34	1553	1558	PASS	ELOS



**GSI
NON-DESTRUCTIVE TESTING FORM**

PROJECT NAME: Sarasota County Phase 2	Test Criteria	AIR TEST	Test Criteria	Vacuum Test
PROJECT NO.: 29005	Start Pressure	35	Vac. Time	15 sec
MATERIAL TYPE: 60 MII HDPE	Test Time	5 minutes	Vac. Pres.	5 psi
MATERIAL LAYER: SECONDARY	Accept. Drop	2 psi		
QC NAME: L Alston				

Seam Number	Test Date	Tech Initials	Test Type (A or V)	Air Pressure Test		Time		Test Result (P or F)	Test Locations
				psi start	psi finish	Start	End		
180/181	06/02/09	SM	AIR	35	35	810	815	PASS	ELOS
180/339	07/15/09	SM	AIR	35	34	1553	1558	PASS	ELOS
181/182	06/02/09	SM	AIR	36	36	811	816	PASS	ELOS
181/340	07/15/09	SM	AIR	36	35	1614	1619	PASS	ELOS
182/243	07/06/09	SM	AIR	35	34	1557	1601	PASS	ELOS
182/249	07/06/09	SM	AIR	35	35	1559	1604	PASS	ELOS
182/341	07/15/09	SM	AIR	35	34	1607	1612	PASS	ELOS
183/185	06/04/09	SM	AIR	36	35	1415	1420	PASS	PASS
183/186	06/04/09	SM	AIR	35	35	1416	1421	PASS	PASS
184/185	06/04/09	SM	AIR	35	35	1418	1423	PASS	ELOS
184/188	06/04/09	SM	AIR	35	35	1840	1845	PASS	ELOS
185/187	06/04/09	SM	AIR	36	36	1841	1846	PASS	ELOS
186/187	06/04/09	SM	AIR	35	35	1811	1816	PASS	ELOS
186/225	06/13/09	SM	AIR	35	35	1335	1340	PASS	ELOS
187/188	06/04/09	SM	AIR	36	35	1813	1818	PASS	ELOS
187/226	06/13/09	SM	AIR	35	35	1337	1342	PASS	ELOS
188/227	06/13/09	SM	AIR	35	35	1338	1343	PASS	ELOS
189/190	06/10/09	SM	AIR	36	35	1356	1401	PASS	0-194
189/190	06/10/09	SM	AIR	35	35	1356	1401	PASS	194-ELOS



**GSI
NON-DESTRUCTIVE TESTING FORM**

PROJECT NAME: Sarasota County Phase 2	Test Criteria	AIR TEST	Test Criteria	Vacuum Test
PROJECT NO.: 29005	Start Pressure	35	Vac. Time	15 sec
MATERIAL TYPE: 60 Mii HDPE	Test Time	5 minutes	Vac. Pres.	5 psi
MATERIAL LAYER: SECONDARY	Accept. Drop	2 psi		
QC NAME: L Alston				

Seam Number	Test Date	Tech Initials	Test Type (A or V)	Air Pressure Test		Time		Test Result (P or F)	Test Locations
				psi start	psi finish	Start	End		
190/191	06/10/09	SM	AIR	36	34	1404	1409	PASS	ELOS
190/192	06/10/09	SM	AIR	35	35	1404	1409	PASS	ELOS
191/192	06/10/09	SM	AIR	36	35	1408	1413	PASS	ELOS
191/193	06/10/09	SM	AIR	36	36	1413	1418	PASS	ELOS
192/193	06/10/09	SM	AIR	36	36	1413	1418	PASS	ELOS
192/194	06/10/09	SM	AIR	35	35	1421	1426	PASS	ELOS
193/194	06/10/09	SM	AIR	35	35	1433	1438	PASS	ELOS
193/195	06/10/09	SM	AIR	36	35	1437	1442	PASS	ELOS
194/195	06/10/09	SM	AIR	36	34	1433	1438	PASS	ELOS
195/196	06/11/09	SM	AIR	36	35	1641	1646	PASS	ELOS
196/197	06/11/09	SM	AIR	35	34	1643	1648	PASS	ELOS
197/198	06/11/09	SM	AIR	36	36	844	849	PASS	0-23
197/198	06/11/09	SM	AIR	37	37	844	849	PASS	23-ELOS
198/199	06/11/09	SM	AIR	35	35	852	857	PASS	0-105
198/199	06/11/09	SM	AIR	35	35	1113	1118	PASS	105-272
198/199	06/11/09	SM	AIR	35	35	1117	1122	PASS	272-ELOS
199/200	06/11/09	SM	AIR	36	35	1110	1115	PASS	ELOS
199/201	06/11/09	SM	AIR	35	35	1109	1114	PASS	ELOS
199/202	06/11/09	SM	AIR	36	35	900	905	PASS	ELOS



**GSI
NON-DESTRUCTIVE TESTING FORM**

PROJECT NAME: Sarasota County Phase 2	Test Criteria	AIR TEST	Test Criteria	Vacuum Test
PROJECT NO.: 29005	Start Pressure	35	Vac. Time	15 sec
MATERIAL TYPE: 60 Mil HDPE	Test Time	5 minutes	Vac. Pres.	5 psi
MATERIAL LAYER: SECONDARY	Accept. Drop	2 psi		
QC NAME: L Alston				

Seam Number	Test Date	Tech Initials	Test Type (A or V)	Air Pressure Test		Time		Test Result (P or F)	Test Locations
				psi start	psi finish	Start	End		
200/201	06/11/09	SM	AIR	37	36	1102	1107	PASS	ELOS
200/203	06/11/09	SM	AIR	36	36	1102	1107	PASS	ELOS
201/202	06/11/09	SM	AIR	36	36	1118	1123	PASS	ELOS
201/203	06/11/09	SM	AIR	37	37	1125	1130	PASS	ELOS
202/203	06/11/09	SM	AIR	35	35	903	908	PASS	ELOS
203/204	06/11/09	SM	AIR	37	36	1057	1102	PASS	ELOS
203/205	06/11/09	SM	AIR	36	36	907	912	PASS	ELOS
204/205	06/11/09	SM	AIR	35	34	1049	1054	PASS	ELOS
204/206	06/11/09	SM	AIR	35	35	1049	1054	PASS	ELOS
205/206	06/11/09	SM	AIR	36	36	1049	1054	PASS	ELOS
205/207	06/11/09	SM	AIR	36	36	920	925	PASS	ELOS
206/207	06/11/09	SM	AIR	35	35	1040	1045	PASS	ELOS
206/208	06/11/09	SM	AIR	36	36	1040	1045	PASS	ELOS
207/208	06/11/09	SM	AIR	35	35	923	928	PASS	ELOS
208/209	06/11/09	SM	AIR	36	35	936	941	PASS	ELOS
209/210	06/11/09	SM	AIR	35	35	1013	1018	PASS	ELOS
209/211	06/11/09	SM	AIR	36	35	938	943	PASS	0-148
209/211	06/11/09	SM	AIR	37	37	1026	1031	PASS	148-155
209/211	06/11/09	SM	AIR	36	36	1014	1019	PASS	155-189



**GSI
NON-DESTRUCTIVE TESTING FORM**

PROJECT NAME: Sarasota County Phase 2	Test Criteria	AIR TEST	Test Criteria	Vacuum Test
PROJECT NO.: 29005	Start Pressure	35	Vac. Time	15 sec
MATERIAL TYPE: 60 MII HDPE	Test Time	5 minutes	Vac. Pres.	5 psi
MATERIAL LAYER: SECONDARY	Accept. Drop	2 psi		
QC NAME: L Alston				

Seam Number	Test Date	Tech Initials	Test Type (A or V)	Air Pressure Test		Time		Test Result (P or F)	Test Locations
				psi start	psi finish	Start	End		
209/211	06/11/09	SM	AIR	35	35	1014	1019	PASS	189-ELOS
210/211	06/11/09	SM	AIR	35	34	1005	1010	PASS	ELOS
210/212	06/11/09	SM	AIR	36	36	1005	1010	PASS	ELOS
211/212	06/11/09	SM	AIR	36	36	951	956	PASS	0-222
211/212	06/11/09	SM	AIR	36	36	1005	1010	PASS	222-ELOS
212/213	06/11/09	SM	AIR	41	41	1326	1331	PASS	ELOS
212/214	06/11/09	SM	AIR	38	38	1326	1331	PASS	ELOS
213/214	06/11/09	SM	AIR	42	42	1326	1331	PASS	ELOS
213/215	06/11/09	SM	AIR	35	34	1333	1338	PASS	ELOS
214/215	06/11/09	SM	AIR	35	34	1331	1336	PASS	ELOS
215/216	06/11/09	SM	AIR	36	36	1353	1358	PASS	ELOS
215/217	06/11/09	SM	AIR	36	36	1353	1358	PASS	ELOS
216/217	06/11/09	SM	AIR	36	36	1406	1411	PASS	ELOS
216/218	06/11/09	SM	AIR	36	35	1404	1409	PASS	ELOS
217/218	06/11/09	SM	AIR	37	36	1404	1409	PASS	ELOS
217/219	06/11/09	SM	AIR	38	38	1648	1653	PASS	ELOS
218/219	06/11/09	SM	AIR	37	36	1648	1653	PASS	ELOS
218/220	06/11/09	SM	AIR	35	35	1649	1654	PASS	0-82
218/220	06/15/09	SC	Vacuum	x	x	x	x	PASS	146-166 See Repair # 766



**GSI
NON-DESTRUCTIVE TESTING FORM**

PROJECT NAME: Sarasota County Phase 2	Test Criteria	AIR TEST	Test Criteria	Vacuum Test
PROJECT NO.: 29005	Start Pressure	35	Vac. Time	15 sec
MATERIAL TYPE: 60 Mil HDPE	Test Time	5 minutes	Vac. Pres.	5 psi
MATERIAL LAYER: SECONDARY	Accept. Drop	2 psi		
QC NAME: L Alston				

Seam Number	Test Date	Tech Initials	Test Type (A or V)	Air Pressure Test		Time		Test Result (P or F)	Test Locations
				psi start	psi finish	Start	End		
218/220	06/11/09	SM	AIR	37	35	1712	1717	PASS	166-ELOS
218/220	06/15/09	SC	Vacuum	x	x	x	x	PASS	82-90 See Repair # 767
218/220	06/11/09	SM	AIR	35	34	1653	1658	PASS	90-146
219/221	06/11/09	SM	AIR	36	36	1649	1654	PASS	ELOS
220/221	06/11/09	SM	AIR	38	38	1738	1743	PASS	ELOS
220/222	06/11/09	SM	AIR	35	35	1730	1735	PASS	ELOS
221/223	06/11/09	SM	AIR	36	36	1730	1735	PASS	ELOS
222/223	06/11/09	SM	AIR	36	36	1730	1735	PASS	ELOS
222/224	06/11/09	SM	AIR	37	37	1754	1759	PASS	ELOS
223/224	06/11/09	SM	AIR	36	36	1809	1814	PASS	0-30
223/224	06/11/09	SM	AIR	37	37	1803	1808	PASS	30-ELOS
224/225	06/11/09	SM	AIR	36	36	1820	1825	PASS	ELOS
225/226	06/11/09	SM	AIR	37	37	1822	1827	PASS	ELOS
226/227	06/11/09	SM	AIR	36	35	1844	1849	PASS	ELOS
226/240	06/24/09	SM	AIR	36	35	1232	1237	PASS	0-58
226/240	06/24/09	SM	AIR	36	36	1228	1233	PASS	112-ELOS
226/240	06/24/09	SM	AIR	37	37	1228	1233	PASS	58-112
227/228	06/11/09	SM	AIR	37	37	1855	1900	PASS	ELOS
227/240	06/24/09	SM	AIR	36	35	1234	1239	PASS	0-15



**GSI
NON-DESTRUCTIVE TESTING FORM**

PROJECT NAME: Sarasota County Phase 2	Test Criteria	AIR TEST	Test Criteria	Vacuum Test
PROJECT NO.: 29005	Start Pressure	35	Vac. Time	15 sec
MATERIAL TYPE: 60 MII HDPE	Test Time	5 minutes	Vac. Pres.	5 psi
MATERIAL LAYER: SECONDARY	Accept. Drop	2 psi		
QC NAME: L Alston				

Seam Number	Test Date	Tech Initials	Test Type (A or V)	Air Pressure Test		Time		Test Result (P or F)	Test Locations
				psi start	psi finish	Start	End		
227/240	06/24/09	SM	AIR	38	37	1418	1423	PASS	110-223
227/240	06/24/09	SM	AIR	36	34	1204	1209	PASS	15-95
227/240	06/24/09	SM	AIR	35	35	1205	1210	PASS	223-ELOS
227/240	06/24/09	SM	AIR	35	35	1416	1421	PASS	95-110
228/229	06/11/09	SM	AIR	35	34	1847	1852	PASS	ELOS
229/230	06/12/09	SM	AIR	36	35	952	957	PASS	ELOS
229/231	06/12/09	SM	AIR	35	35	923	928	PASS	ELOS
229/232	06/12/09	SM	AIR	35	34	923	928	PASS	ELOS
230/231	06/12/09	SM	AIR	36	35	952	957	PASS	ELOS
230/233	06/12/09	SM	AIR	36	36	955	1000	PASS	ELOS
231/232	06/12/09	SM	AIR	35	34	923	928	PASS	ELOS
231/233	06/12/09	SM	AIR	38	36	955	1000	PASS	ELOS
232/233	06/12/09	SM	AIR	36	36	932	937	PASS	ELOS
233/234	06/12/09	SM	AIR	36	35	1101	1106	PASS	ELOS
233/235	06/12/09	SM	AIR	37	36	1101	1106	PASS	ELOS
234/235	06/12/09	SM	AIR	36	36	1017	1022	PASS	ELOS
234/236	06/12/09	SM	AIR	36	35	1010	1015	PASS	ELOS
235/236	06/12/09	SM	AIR	36	35	1017	1022	PASS	ELOS
235/237	06/12/09	SM	AIR	36	36	1038	1043	PASS	ELOS



**GSI
NON-DESTRUCTIVE TESTING FORM**

PROJECT NAME: Sarasota County Phase 2	Test Criteria	AIR TEST	Test Criteria	Vacuum Test
PROJECT NO.: 29005	Start Pressure	35	Vac. Time	15 sec
MATERIAL TYPE: 60 Mil HDPE	Test Time	5 minutes	Vac. Pres.	5 psi
MATERIAL LAYER: SECONDARY	Accept. Drop	2 psi		
QC NAME: L Alston				

Seam Number	Test Date	Tech Initials	Test Type (A or V)	Air Pressure Test		Time		Test Result (P or F)	Test Locations
				psi start	psi finish	Start	End		
236/237	06/12/09	SM	AIR	36	35	1038	1043	PASS	ELOS
236/238	06/12/09	SM	AIR	35	34	1041	1046	PASS	0-50
236/238	06/12/09	SM	AIR	37	36	1106	1111	PASS	50-EOS
237/238	06/12/09	SM	AIR	35	35	1104	1109	PASS	ELOS
238/239	06/12/09	SM	AIR	36	35	1054	1059	PASS	0-170
238/239	06/12/09	SM	AIR	36	36	1054	1059	PASS	170-ELOS
239/333	07/15/09	SM	AIR	35	34	1104	1109	PASS	0-13
239/333	07/15/09	SM	AIR	35	35	1102	1107	PASS	13-225
239/333	07/15/09	SM	AIR	37	35	1110	1115	PASS	225-ELOS
241/242	07/04/09	SM	AIR	35	34	39	44	PASS	ELOS
241/243	07/04/09	SM	AIR	36	35	40	45	PASS	ELOS
242/243	07/04/09	SM	AIR	36	34	39	44	PASS	ELOS
242/244	07/04/09	SM	AIR	36	36	41	46	PASS	ELOS
242/250	07/06/09	SM	AIR	35	35	1828	1833	PASS	ELOS
243/249	07/06/09	SM	AIR	35	34	1432	1437	PASS	ELOS
243/250	07/06/09	SM	AIR	35	33	1431	1436	PASS	ELOS
244/244 A	07/04/09	SM	AIR	37	36	1458	1503	PASS	ELOS
244/245	07/04/09	SM	AIR	36	35	1519	1524	PASS	ELOS
244/250	07/04/09	SM	AIR	36	34	1417	1422	PASS	ELOS



**GSI
NON-DESTRUCTIVE TESTING FORM**

PROJECT NAME: Sarasota County Phase 2	Test Criteria	AIR TEST	Test Criteria	Vacuum Test
PROJECT NO.: 29005	Start Pressure	35	Vac. Time	15 sec
MATERIAL TYPE: 60 Mil HDPE	Test Time	5 minutes	Vac. Pres.	5 psi
MATERIAL LAYER: SECONDARY	Accept. Drop	2 psi		
QC NAME: L Alston				

Seam Number	Test Date	Tech Initials	Test Type (A or V)	Air Pressure Test		Time		Test Result (P or F)	Test Locations
				psi start	psi finish	Start	End		
244/251	07/06/09	SM	AIR	35	35	1825	1830	PASS	ELOS
245/246	07/04/09	SM	AIR	36	35	1519	1524	PASS	0-261
245/246	07/04/09	SM	AIR	36	36	1434	1439	PASS	261-281
245/246	07/04/09	SM	AIR	37	36	1434	1439	PASS	281-ELOS
245/252	07/06/09	SM	AIR	35	34	1854	1859	PASS	ELOS
246/247	07/04/09	SM	AIR	37	36	1706	1711	PASS	0-135
246/247	07/04/09	SM	AIR	36	35	1635	1640	PASS	135-265
246/247	07/04/09	SM	AIR	37	37	1635	1640	PASS	265-503
246/247	07/04/09	SM	AIR	35	34	1540	1545	PASS	503-ELOS
246/253	07/06/09	SM	AIR	35	35	1845	1850	PASS	ELOS
247/248	07/04/09	SM	AIR	35	34	1620	1625	PASS	ELOS
247/254	07/06/09	SM	AIR	35	35	1841	1846	PASS	ELOS
248/255	07/06/09	SM	AIR	35	35	1835	1840	PASS	ELOS
248/256	07/07/09	SM	AIR	35	34	1837	1842	PASS	ELOS
249/250	07/06/09	SM	AIR	37	35	1652	1657	PASS	ELOS
249/342	07/15/09	SM	AIR	34	34	1605	1610	PASS	ELOS
250/251	07/06/09	SM	AIR	35	35	1737	1742	PASS	0-247
250/251	07/06/09	SM	AIR	36	36	1733	1738	PASS	247-ELOS
250/343	07/15/09	SM	AIR	35	35	1700	1705	PASS	ELOS



**GSI
NON-DESTRUCTIVE TESTING FORM**

PROJECT NAME: Sarasota County Phase 2	Test Criteria	AIR TEST	Test Criteria	Vacuum Test
PROJECT NO.: 29005	Start Pressure	35	Vac. Time	15 sec
MATERIAL TYPE: 60 Mil HDPE	Test Time	5 minutes	Vac. Pres.	5 psi
MATERIAL LAYER: SECONDARY	Accept. Drop	2 psi		
QC NAME: L Alston				

Seam Number	Test Date	Tech Initials	Test Type (A or V)	Air Pressure Test		Time		Test Result (P or F)	Test Locations
				psi start	psi finish	Start	End		
251/252	07/06/09	SM	AIR	35	34	1755	1760	PASS	ELOS
251/343	07/16/09	AD	Vacuum					PASS	See Repair # 1045
251/344	07/15/09	SM	AIR	36	35	1731	1736	PASS	ELOS
252/253	07/06/09	SM	AIR	35	35	1806	1811	PASS	ELOS
252/345	07/15/09	SM	AIR	36	36	2000	2005	PASS	ELOS
253/254	07/06/09	SM	AIR	35	35	1856	1861	PASS	ELOS
253/346	07/15/09	SM	AIR	36	35	1954	1959	PASS	ELOS
254/255	07/06/09	SM	AIR	36	36	1900	1905	PASS	0-335
254/255	07/06/09	SM	AIR	35	35	1904	1909	PASS	335-ELOS
254/347	07/15/09	SM	AIR	35	34	1931	1936	PASS	ELOS
255/258	07/07/09	SM	AIR	35	35	1325	1330	PASS	ELOS
255/348	07/15/09	SM	AIR	35	35	1951	1956	PASS	ELOS
256/257	07/07/09	SM	AIR	37	36	1140	1145	PASS	ELOS
256/258	07/07/09	SM	AIR	36	36	1313	1318	PASS	ELOS
257/259	07/07/09	SM	AIR	36	35	1312	1317	PASS	ELOS
257/260	07/08/09	SM	AIR	36	35	1343	1348	PASS	ELOS
257/260 A	07/09/09	SM	AIR	36	35	1346	1351	PASS	ELOS
257/305	07/09/09	SM	AIR	35	34	1453	1458	PASS	ELOS
257/306	07/09/09	SM	AIR	36	34	1453	1458	PASS	ELOS



**GSI
NON-DESTRUCTIVE TESTING FORM**

PROJECT NAME: Sarasota County Phase 2	Test Criteria	AIR TEST	Test Criteria	Vacuum Test
PROJECT NO.: 29005	Start Pressure	35	Vac. Time	15 sec
MATERIAL TYPE: 60 MII HDPE	Test Time	5 minutes	Vac. Pres.	5 psi
MATERIAL LAYER: SECONDARY	Accept. Drop	2 psi		
QC NAME: L Alston				

Seam Number	Test Date	Tech Initials	Test Type (A or V)	Air Pressure Test		Time		Test Result (P or F)	Test Locations
				psi start	psi finish	Start	End		
257/307	07/09/09	SM	AIR	36	36	1455	1460	PASS	ELOS
257/308	07/09/09	SM	AIR	36	36	1554	1559	PASS	ELOS
257/309	07/09/09	SM	AIR	36	35	1408	1413	PASS	ELOS
258/259	07/07/09	SM	AIR	35	34	1327	1332	PASS	ELOS
258/349	07/15/09	SM	AIR	35	35	2034	2039	PASS	ELOS
259/308	07/09/09	SM	AIR	37	37	1556	1561	PASS	ELOS
259/310	07/09/09	SM	AIR	35	35	1558	1563	PASS	ELOS
259/311	07/09/09	SM	AIR	35	35	1600	1605	PASS	ELOS
259/312	07/09/09	SM	AIR	36	36	1612	1617	PASS	ELOS
259/313	07/09/09	SM	AIR	36	35	1614	1619	PASS	ELOS
259/314	07/09/09	SM	AIR	35	34	1620	1625	PASS	ELOS
259/315	07/09/09	SM	AIR	35	35	1627	1632	PASS	ELOS
259/316	07/09/09	SM	AIR	35	35	1630	1635	PASS	ELOS
259/317	07/10/09	SM	AIR	37	36	831	836	PASS	ELOS
259/318	07/10/09	SM	AIR	35	35	833	838	PASS	ELOS
259/319	07/10/09	SM	AIR	35	35	836	841	PASS	ELOS
259/320	07/10/09	SM	AIR	36	36	842	847	PASS	ELOS
259/321	07/10/09	SM	AIR	35	35	842	847	PASS	ELOS
259/322	07/10/09	SM	AIR	35	35	845	850	PASS	ELOS



**GSI
NON-DESTRUCTIVE TESTING FORM**

PROJECT NAME: Sarasota County Phase 2	Test Criteria	AIR TEST	Test Criteria	Vacuum Test
PROJECT NO.: 29005	Start Pressure	35	Vac. Time	15 sec
MATERIAL TYPE: 60 MII HDPE	Test Time	5 minutes	Vac. Pres.	5 psi
MATERIAL LAYER: SECONDARY	Accept. Drop	2 psi		
QC NAME: L Alston				

Seam Number	Test Date	Tech Initials	Test Type (A or V)	Air Pressure Test		Time		Test Result (P or F)	Test Locations
				psi start	psi finish	Start	End		
259/323	07/10/09	SM	AIR	35	35	909	914	PASS	ELOS
259/324	07/10/09	SM	AIR	36	36	930	935	PASS	ELOS
259/325	07/10/09	SM	AIR	36	36	930	935	PASS	ELOS
259/326	07/10/09	SM	AIR	36	36	955	960	PASS	ELOS
259/327	07/10/09	SM	AIR	35	33	1030	1035	PASS	ELOS
259/328	07/10/09	SM	AIR	35	35	1031	1036	PASS	ELOS
259/329	07/10/09	SM	AIR	37	36	1033	1038	PASS	ELOS
259/330	07/10/09	SM	AIR	37	37	1056	1061	PASS	ELOS
259/331	07/10/09	SM	AIR	35	34	1057	1062	PASS	ELOS
259/332	07/10/09	SM	AIR	36	34	1100	1105	PASS	ELOS
259/350	07/16/09	SM	AIR	35	35	813	818	PASS	ELOS
260 A/302	07/09/09	SM	AIR	36	35	1350	1355	PASS	ELOS
260 A/303	07/09/09	SM	AIR	37	36	1401	1406	PASS	ELOS
260 A/304	07/09/09	SM	AIR	36	35	1352	1357	PASS	ELOS
260 A/309	07/09/09	SM	AIR	35	33	1355	1400	PASS	ELOS
260/260 A	07/09/09	SM	AIR	35	34	1346	1351	PASS	ELOS
260/261	07/08/09	SM	AIR	37	36	1341	1346	PASS	ELOS
261/262	07/08/09	SM	AIR	36	36	1335	1340	PASS	ELOS
261/299	07/09/09	SM	AIR	35	34	1133	1138	PASS	ELOS



**GSI
NON-DESTRUCTIVE TESTING FORM**

PROJECT NAME: Sarasota County Phase 2	Test Criteria	AIR TEST	Test Criteria	Vacuum Test
PROJECT NO.: 29005	Start Pressure	35	Vac. Time	15 sec
MATERIAL TYPE: 60 Mil HDPE	Test Time	5 minutes	Vac. Pres.	5 psi
MATERIAL LAYER: SECONDARY	Accept. Drop	2 psi		
QC NAME: L Alston				

Seam Number	Test Date	Tech Initials	Test Type (A or V)	Air Pressure Test		Time		Test Result (P or F)	Test Locations
				psi start	psi finish	Start	End		
261/300	07/09/09	SM	AIR	37	36	1133	1138	PASS	ELOS
261/301	07/09/09	SM	AIR	36	35	1140	1145	PASS	ELOS
262/263	07/08/09	SM	AIR	36	36	1532	1537	PASS	ELOS
262/298	07/09/09	SM	AIR	36	35	1123	1128	PASS	ELOS
262/299	07/09/09	SM	AIR	36	35	1123	1128	PASS	ELOS
263/264	07/08/09	SM	AIR	37	36	1515	1520	PASS	ELOS
263/265	07/08/09	SM	AIR	37	36	1524	1529	PASS	0-100
263/265	07/09/09	NK	AIR	37	37	1046	1051	PASS	100-ELOS
263/297	07/09/09	SM	AIR	36	34	1117	1122	PASS	ELOS
263/298	07/09/09	SM	AIR	35	33	1117	1122	PASS	ELOS
264/265	07/08/09	SM	AIR	35	35	1514	1519	PASS	ELOS
264/266	07/08/09	SM	AIR	36	35	1549	1554	PASS	ELOS
265/266	07/08/09	SM	AIR	36	34	1548	1553	PASS	ELOS
265/296	07/09/09	SM	AIR	35	34	1039	1044	PASS	ELOS
266/267	07/08/09	SM	AIR	36	36	1621	1626	PASS	ELOS
266/268	07/08/09	SM	AIR	36	36	1621	1626	PASS	ELOS
266/295	07/09/09	SM	AIR	37	37	1028	1033	PASS	ELOS
267/268	07/08/09	SM	AIR	36	36	1650	1655	PASS	ELOS
267/269	07/08/09	SM	AIR	37	37	1652	1657	PASS	ELOS



**GSI
NON-DESTRUCTIVE TESTING FORM**

PROJECT NAME: Sarasota County Phase 2	Test Criteria	AIR TEST	Test Criteria	Vacuum Test
PROJECT NO.: 29005	Start Pressure	35	Vac. Time	15 sec
MATERIAL TYPE: 60 Mil HDPE	Test Time	5 minutes	Vac. Pres.	5 psi
MATERIAL LAYER: SECONDARY	Accept. Drop	2 psi		
QC NAME: L Alston				

Seam Number	Test Date	Tech Initials	Test Type (A or V)	Air Pressure Test		Time		Test Result (P or F)	Test Locations
				psi start	psi finish	Start	End		
267/270	07/08/09	SM	AIR	35	34	1630	1635	PASS	ELOS
268/270	07/08/09	SM	AIR	36	35	1630	1635	PASS	ELOS
268/294	07/09/09	SM	AIR	35	35	1017	1022	PASS	ELOS
269/270	07/08/09	SM	AIR	36	36	1648	1653	PASS	ELOS
269/271	07/08/09	SM	AIR	37	37	1707	1712	PASS	ELOS
270/271	07/08/09	SM	AIR	36	35	1718	1723	PASS	0-88
270/271	07/09/09	SM	AIR	37	36	907	912	PASS	88-ELOS
270/293	07/09/09	SM	AIR	35	34	1009	1014	PASS	ELOS
271/272	07/08/09	SM	AIR	35	35	1755	1800	PASS	ELOS
271/291	07/08/09	SM	AIR	35	34	1757	1803	PASS	ELOS
271/292	07/09/09	SM	AIR	37	37	854	859	PASS	ELOS
272/273	07/08/09	SM	AIR	36	35	1756	1801	PASS	ELOS
272/291	07/08/09	SM	AIR	35	35	727	732	PASS	ELOS
273/274	07/08/09	SM	AIR	35	35	1757	1802	PASS	ELOS
273/276	07/08/09	SM	AIR	35	35	1812	1817	PASS	ELOS
274/275	07/08/09	SM	AIR	36	36	1818	1823	PASS	ELOS
275/276	07/08/09	SM	AIR	36	35	1810	1815	PASS	ELOS
276/277	07/08/09	SM	AIR	36	36	1842	1847	PASS	ELOS
277/278	07/08/09	SM	AIR	37	36	1845	1850	PASS	ELOS



**GSI
NON-DESTRUCTIVE TESTING FORM**

PROJECT NAME: Sarasota County Phase 2	Test Criteria	AIR TEST	Test Criteria	Vacuum Test
PROJECT NO.: 29005	Start Pressure	35	Vac. Time	15 sec
MATERIAL TYPE: 60 MII HDPE	Test Time	5 minutes	Vac. Pres.	5 psi
MATERIAL LAYER: SECONDARY	Accept. Drop	2 psi		
QC NAME: L Alston				

Seam Number	Test Date	Tech Initials	Test Type (A or V)	Air Pressure Test		Time		Test Result (P or F)	Test Locations
				psi start	psi finish	Start	End		
277/291	07/09/09	SM	AIR	35	35	758	803	PASS	ELOS
278/279	07/08/09	SM	AIR	35	34	1846	1851	PASS	ELOS
278/291	07/09/09	SM	AIR	36	36	758	803	PASS	ELOS
279/280	07/08/09	SM	AIR	35	34	1847	1852	PASS	ELOS
279/291	07/09/09	SM	AIR	37	37	800	805	PASS	ELOS
280/281	07/08/09	SM	AIR	35	35	1848	1853	PASS	ELOS
280/291	07/09/09	SM	AIR	36	36	813	818	PASS	ELOS
281/282	07/08/09	SM	AIR	36	36	1849	1854	PASS	ELOS
281/291	07/09/09	SM	AIR	36	36	804	809	PASS	ELOS
282/283	07/08/09	SM	AIR	36	36	1850	1855	PASS	ELOS
282/291	07/09/09	SM	AIR	37	36	805	810	PASS	ELOS
283/284	07/08/09	SM	AIR	35	34	1857	1902	PASS	ELOS
283/291	07/09/09	SM	AIR	37	36	815	820	PASS	ELOS
284/285	07/08/09	SM	AIR	35	35	1910	1915	PASS	ELOS
284/291	07/09/09	SM	AIR	36	35	815	820	PASS	ELOS
285/286	07/08/09	SM	AIR	36	34	1902	1907	PASS	ELOS
285/291	07/09/09	SM	AIR	36	35	820	825	PASS	ELOS
286/287	07/09/09	SM	AIR	36	36	826	831	PASS	ELOS
286/290	07/09/09	SM	AIR	36	35	822	827	PASS	ELOS



**GSI
NON-DESTRUCTIVE TESTING FORM**

PROJECT NAME: Sarasota County Phase 2	Test Criteria	AIR TEST	Test Criteria	Vacuum Test
PROJECT NO.: 29005	Start Pressure	35	Vac. Time	15 sec
MATERIAL TYPE: 60 Mil HDPE	Test Time	5 minutes	Vac. Pres.	5 psi
MATERIAL LAYER: SECONDARY	Accept. Drop	2 psi		
QC NAME: L Alston				

Seam Number	Test Date	Tech Initials	Test Type (A or V)	Air Pressure Test		Time		Test Result (P or F)	Test Locations
				psi start	psi finish	Start	End		
286/291	07/09/09	SM	AIR	36	36	820	825	PASS	ELOS
287/288	07/09/09	SM	AIR	35	34	1332	1337	PASS	ELOS
287/289	07/09/09	SM	AIR	37	35	1326	1331	PASS	ELOS
287/290	07/09/09	SM	AIR	36	36	829	834	PASS	ELOS
288/289	07/09/09	SM	AIR	36	35	1326	1331	PASS	ELOS
289/290	07/09/09	SM	AIR	35	34	832	837	PASS	ELOS
290/291	07/09/09	SM	AIR	36	36	823	828	PASS	ELOS
291/292	07/09/09	SM	AIR	36	36	851	856	PASS	ELOS
292/293	07/09/09	SM	AIR	36	36	907	912	PASS	ELOS
293/294	07/09/09	SM	AIR	36	35	1017	1022	PASS	ELOS
294/295	07/09/09	SM	AIR	37	35	1029	1034	PASS	0-12
294/295	07/10/09	AD	Vacuum	x	x	x	x	PASS	12-20 See Repair # 947
294/295	07/09/09	SM	AIR	36	35	1025	1030	PASS	20-ELOS
295/296	07/09/09	SM	AIR	36	35	1039	1044	PASS	ELOS
296/297	07/09/09	SM	AIR	35	35	1045	1050	PASS	ELOS
297/298	07/09/09	SM	AIR	35	33	1117	1122	PASS	ELOS
298/299	07/09/09	SM	AIR	35	35	1123	1128	PASS	ELOS
299/300	07/09/09	SM	AIR	37	35	1133	1138	PASS	ELOS
300/301	07/09/09	SM	AIR	35	35	1140	1145	PASS	ELOS



GSI
NON-DESTRUCTIVE TESTING FORM

PROJECT NAME: Sarasota County Phase 2	Test Criteria	AIR TEST	Test Criteria	Vacuum Test
PROJECT NO.: 29005	Start Pressure	35	Vac. Time	15 sec
MATERIAL TYPE: 60 Mil HDPE	Test Time	5 minutes	Vac. Pres.	5 psi
MATERIAL LAYER: SECONDARY	Accept. Drop	2 psi		
QC NAME: L Alston				

Seam Number	Test Date	Tech Initials	Test Type (A or V)	Air Pressure Test		Time		Test Result (P or F)	Test Locations
				psi start	psi finish	Start	End		
301/302	07/09/09	SM	AIR	35	35	1347	1352	PASS	ELOS
302/303	07/09/09	SM	AIR	36	35	1350	1355	PASS	ELOS
303/304	07/09/09	SM	AIR	35	34	1405	1410	PASS	0-25
303/304	07/09/09	SM	AIR	36	34	1405	1410	PASS	25-ELOS
304/305	07/09/09	SM	AIR	37	36	1422	1427	PASS	ELOS
304/309	07/09/09	SM	AIR	35	35	1415	1420	PASS	ELOS
305/306	07/09/09	SM	AIR	35	35	1453	1458	PASS	ELOS
305/309	07/09/09	SM	AIR	36	35	1415	1420	PASS	ELOS
306/307	07/09/09	SM	AIR	37	36	1455	1460	PASS	ELOS
307/308	07/09/09	SM	AIR	36	35	1458	1503	PASS	ELOS
308/310	07/09/09	SM	AIR	36	36	1558	1603	PASS	ELOS
310/311	07/09/09	SM	AIR	35	34	1559	1604	PASS	ELOS
311/312	07/09/09	SM	AIR	37	36	1612	1617	PASS	ELOS
312/313	07/09/09	SM	AIR	36	36	1616	1621	PASS	ELOS
313/314	07/09/09	SM	AIR	36	35	1620	1625	PASS	ELOS
314/315	07/09/09	SM	AIR	36	35	1627	1632	PASS	ELOS
315/316	07/09/09	SM	AIR	36	36	1633	1638	PASS	ELOS
316/317	07/09/09	SM	AIR	37	37	1635	1640	PASS	ELOS
317/318	07/10/09	SM	AIR	36	36	832	837	PASS	ELOS



**GSI
NON-DESTRUCTIVE TESTING FORM**

PROJECT NAME: Sarasota County Phase 2	Test Criteria	AIR TEST	Test Criteria	Vacuum Test
PROJECT NO.: 29005	Start Pressure	35	Vac. Time	15 sec
MATERIAL TYPE: 60 MII HDPE	Test Time	5 minutes	Vac. Pres.	5 psi
MATERIAL LAYER: SECONDARY	Accept. Drop	2 psi		
QC NAME: L Alston				

Seam Number	Test Date	Tech Initials	Test Type (A or V)	Air Pressure Test		Time		Test Result (P or F)	Test Locations
				psi start	psi finish	Start	End		
318/319	07/10/09	SM	AIR	36	36	835	840	PASS	ELOS
319/320	07/10/09	SM	AIR	36	36	837	842	PASS	ELOS
320/321	07/10/09	SM	AIR	36	36	842	847	PASS	ELOS
321/322	07/10/09	SM	AIR	36	35	851	856	PASS	ELOS
322/323	07/10/09	SM	AIR	35	35	916	921	PASS	ELOS
323/324	07/10/09	SM	AIR	35	35	927	932	PASS	ELOS
324/325	07/10/09	SM	AIR	36	36	948	953	PASS	ELOS
325/326	07/10/09	SM	AIR	37	37	1133	1138	PASS	ELOS
326/327	07/10/09	SM	AIR	35	35	959	1004	PASS	ELOS
327/328	07/10/09	SM	AIR	35	35	1030	1035	PASS	ELOS
328/329	07/10/09	SM	AIR	35	34	1033	1038	PASS	ELOS
329/330	07/10/09	SM	AIR	35	35	1112	1117	PASS	0-30
329/330	07/10/09	SM	AIR	36	34	1038	1043	PASS	30-ELOS
330/331	07/10/09	SM	AIR	36	35	1100	1105	PASS	ELOS
331/332	07/10/09	SM	AIR	37	37	1103	1108	PASS	ELOS
332/352	07/16/09	SM	AIR	35	35	900	905	PASS	ELOS
333/334	07/15/09	SM	AIR	36	36	1114	1119	PASS	ELOS
334/335	07/15/09	SM	AIR	37	36	1124	1129	PASS	ELOS
334/336	07/15/09	SM	AIR	36	35	1124	1129	PASS	ELOS



**GSI
NON-DESTRUCTIVE TESTING FORM**

PROJECT NAME: Sarasota County Phase 2	Test Criteria	AIR TEST	Test Criteria	Vacuum Test
PROJECT NO.: 29005	Start Pressure	35	Vac. Time	15 sec
MATERIAL TYPE: 60 MII HDPE	Test Time	5 minutes	Vac. Pres.	5 psi
MATERIAL LAYER: SECONDARY	Accept. Drop	2 psi		
QC NAME: L Alston				

Seam Number	Test Date	Tech Initials	Test Type (A or V)	Air Pressure Test		Time		Test Result (P or F)	Test Locations
				psi start	psi finish	Start	End		
335/336	07/15/09	SM	AIR	37	36	1127	1132	PASS	ELOS
335/337	07/15/09	SM	AIR	35	35	1149	1154	PASS	ELOS
336/337	07/15/09	SM	AIR	37	36	1150	1155	PASS	ELOS
336/338	07/15/09	SM	AIR	36	35	1351	1356	PASS	ELOS
337/338	07/15/09	SM	AIR	36	35	1355	1400	PASS	ELOS
337/339	07/15/09	SM	AIR	36	35	1359	1404	PASS	0-105
337/339	07/15/09	SM	AIR	36	35	1418	1423	PASS	105-147
337/339	07/15/09	SM	AIR	36	36	1353	1358	PASS	147-ELOS
338/339	07/15/09	SM	AIR	37	36	1352	1357	PASS	ELOS
339/340	07/15/09	SM	AIR	35	35	1428	1433	PASS	ELOS
340/341	07/15/09	SM	AIR	35	34	1431	1436	PASS	ELOS
341/342	07/15/09	SM	AIR	36	35	1438	1443	PASS	0-176
341/342	07/15/09	SM	AIR	35	34	1440	1445	PASS	176-ELOS
342/343	07/15/09	SM	AIR	37	36	1645	1650	PASS	ELOS
343/344	07/15/09	SM	AIR	35	33	1749	1754	PASS	0-12
343/344	07/15/09	SM	AIR	36	36	1757	1802	PASS	12-ELOS
344/345	07/15/09	SM	AIR	36	35	1744	1749	PASS	0-351
344/345	07/15/09	SM	AIR	35	33	1713	1718	PASS	351-ELOS
345/346	07/15/09	SM	AIR	35	34	1819	1824	PASS	ELOS



**GSI
NON-DESTRUCTIVE TESTING FORM**

PROJECT NAME: Sarasota County Phase 2	Test Criteria	AIR TEST	Test Criteria	Vacuum Test
PROJECT NO.: 29005	Start Pressure	35	Vac. Time	15 sec
MATERIAL TYPE: 60 MII HDPE	Test Time	5 minutes	Vac. Pres.	5 psi
MATERIAL LAYER: SECONDARY	Accept. Drop	2 psi		
QC NAME: L Alston				

Seam Number	Test Date	Tech Initials	Test Type (A or V)	Air Pressure Test		Time		Test Result (P or F)	Test Locations
				psi start	psi finish	Start	End		
346/347	07/15/09	SM	AIR	37	36	1843	1848	PASS	ELOS
347/348	07/15/09	SM	AIR	37	36	1950	1955	PASS	ELOS
348/349	07/15/09	SM	AIR	36	35	2017	2022	PASS	0-260
348/349	07/15/09	SM	AIR	35	35	2021	2026	PASS	260-ELOS
349/350	07/16/09	SM	AIR	36	36	817	822	PASS	ELOS
349/351	07/16/09	SM	AIR	35	35	819	824	PASS	ELOS
349/372	07/16/09	SM	AIR	37	37	1026	1031	PASS	ELOS
350/351	07/16/09	SM	AIR	35	35	821	826	PASS	ELOS
350/352	07/16/09	SM	AIR	35	35	901	906	PASS	ELOS
350/353	07/16/09	SM	AIR	35	35	908	913	PASS	ELOS
350/354	07/16/09	SM	AIR	36	36	911	916	PASS	ELOS
350/355	07/16/09	SM	AIR	35	35	917	922	PASS	ELOS
350/356	07/16/09	SM	AIR	36	35	924	929	PASS	ELOS
350/357	07/16/09	SM	AIR	35	35	927	932	PASS	ELOS
351/358	07/16/09	SM	AIR	36	36	934	939	PASS	ELOS
351/359	07/16/09	SM	AIR	35	34	937	942	PASS	ELOS
351/360	07/16/09	SM	AIR	37	36	944	949	PASS	ELOS
351/361	07/16/09	SM	AIR	36	35	950	955	PASS	ELOS
351/362	07/16/09	SM	AIR	35	34	953	958	PASS	ELOS



**GSI
NON-DESTRUCTIVE TESTING FORM**

PROJECT NAME: Sarasota County Phase 2	Test Criteria	AIR TEST	Test Criteria	Vacuum Test
PROJECT NO.: 29005	Start Pressure	35	Vac. Time	15 sec
MATERIAL TYPE: 60 Mil HDPE	Test Time	5 minutes	Vac. Pres.	5 psi
MATERIAL LAYER: SECONDARY	Accept. Drop	2 psi		
QC NAME: L Alston				

Seam Number	Test Date	Tech Initials	Test Type (A or V)	Air Pressure Test		Time		Test Result (P or F)	Test Locations
				psi start	psi finish	Start	End		
351/363	07/16/09	SM	AIR	37	36	1010	1015	PASS	ELOS
351/364	07/16/09	SM	AIR	37	36	1012	1017	PASS	ELOS
351/372	07/16/09	SM	AIR	37	37	1026	1031	PASS	ELOS
352/353	07/16/09	SM	AIR	37	36	907	912	PASS	ELOS
353/354	07/16/09	SM	AIR	36	35	911	916	PASS	ELOS
354/355	07/16/09	SM	AIR	36	35	916	921	PASS	ELOS
355/356	07/16/09	SM	AIR	35	34	923	928	PASS	ELOS
356/357	07/16/09	SM	AIR	35	35	927	932	PASS	ELOS
357/358	07/16/09	SM	AIR	37	36	931	936	PASS	ELOS
358/359	07/16/09	SM	AIR	35	35	936	941	PASS	ELOS
359/360	07/16/09	SM	AIR	35	35	944	949	PASS	0-30
359/360	07/16/09	SM	AIR	36	35	944	949	PASS	30-ELOS
360/361	07/16/09	SM	AIR	36	35	946	951	PASS	ELOS
361/362	07/16/09	SM	AIR	36	35	952	957	PASS	ELOS
362/363	07/16/09	SM	AIR	37	36	1010	1015	PASS	ELOS
363/364	07/16/09	SM	AIR	37	36	1012	1017	PASS	ELOS
364/365	07/16/09	SM	AIR	35	34	1018	1023	PASS	ELOS
364/372	07/16/09	SM	AIR	37	36	1015	1020	PASS	ELOS
365/366	07/16/09	SM	AIR	37	36	1025	1030	PASS	ELOS



**GSI
NON-DESTRUCTIVE TESTING FORM**

PROJECT NAME: Sarasota County Phase 2	Test Criteria	AIR TEST	Test Criteria	Vacuum Test
PROJECT NO.: 29005	Start Pressure	35	Vac. Time	15 sec
MATERIAL TYPE: 60 Mil HDPE	Test Time	5 minutes	Vac. Pres.	5 psi
MATERIAL LAYER: SECONDARY	Accept. Drop	2 psi		
QC NAME: L Alston				

Seam Number	Test Date	Tech Initials	Test Type (A or V)	Air Pressure Test		Time		Test Result (P or F)	Test Locations
				psi start	psi finish	Start	End		
365/372	07/16/09	SM	AIR	37	37	1016	1021	PASS	ELOS
366/367	07/16/09	SM	AIR	36	35	1121	1126	PASS	ELOS
366/372	07/16/09	SM	AIR	35	35	1119	1124	PASS	ELOS
367/368	07/16/09	SM	AIR	36	35	1059	1104	PASS	ELOS
367/371	07/16/09	SM	AIR	36	35	1059	1064	PASS	0-9
367/371	07/16/09	SM	AIR	35	34	1120	1125	PASS	9-ELOS
368/369	07/16/09	SM	AIR	36	34	1110	1115	PASS	ELOS
368/370	07/16/09	SM	AIR	35	33	1056	1101	PASS	ELOS
368/371	07/16/09	SM	AIR	35	34	1057	1102	PASS	ELOS
369/370	07/16/09	SM	AIR	36	35	1111	1116	PASS	ELOS
370/371	07/16/09	SM	AIR	37	36	1050	1055	PASS	ELOS
371/372	07/16/09	SM	AIR	37	37	1120	1125	PASS	ELOS

APPENDIX 5

**Non-Destructive Testing Logs
Primary Liner**

(blank)



**GSI
NON-DESTRUCTIVE TESTING FORM**

PROJECT NAME: Sarasota County Phase 2	Test Criteria	AIR TEST	Test Criteria	Vacuum Test
PROJECT NO.: 29005	Start Pressure	35 PSI	Vac. Time	10 Sec
MATERIAL TYPE: 60 mil HDPE LINER	Test Time	5 Minutes	Vac. Pres.	5 psi
MATERIAL LAYER: Primary (CELL 1)	Accept. Drop	3 psi		
QC NAME: TAH				

Seam Number	Test Date	Tech Initials	Test Type (A or V)	Air Pressure Test		Time		Test Result (P or F)	Test Locations
				psi start	psi finish	Start	End		
001/002	05/12/09	SM	AIR	36	35	1112	1117	PASS	ELOS
001/010	05/13/09	SM	AIR	35	35	730	735	PASS	ELOS
001/030	05/22/09	SM	AIR	37	36	1026	1031	PASS	0-65
001/030	05/22/09	SM	AIR	35	35	1026	1031	PASS	65-292
001/030	05/22/09	SM	AIR	36	36	1051	1056	PASS	292-ELOS
002/003	05/12/09	SM	AIR	35	34	1113	1118	PASS	ELOS
002/011	05/13/09	SM	AIR	35	35	730	735	PASS	ELOS
003/004	05/12/09	SM	AIR	36	36	1119	1124	PASS	ELOS
003/012	05/13/09	SM	AIR	35	35	735	740	PASS	ELOS
004/005	05/12/09	SM	AIR	36	36	1351	1356	PASS	ELOS
004/013	05/13/09	SM	AIR	35	34	735	740	PASS	ELOS
005/006	05/12/09	SM	AIR	36	36	1344	1349	PASS	129-ELOS
005/006	05/12/09	SM	AIR	35	35	1347	1352	PASS	0-129
005/014	05/13/09	SM	AIR	35	35	746	751	PASS	ELOS
006/007	05/12/09	SM	AIR	36	36	1405	1410	PASS	241-248
006/007	05/12/09	SM	AIR	35	35	1405	1410	PASS	248-ELOS
006/007	05/12/09	SM	AIR	36	35	1408	1413	PASS	0-229
006/007	05/12/09	SM	AIR	35	35	1408	1413	PASS	229-241
006/015	05/13/09	SM	AIR	35	34	746	751	PASS	ELOS



**GSI
NON-DESTRUCTIVE TESTING FORM**

PROJECT NAME: Sarasota County Phase 2	Test Criteria	AIR TEST	Test Criteria	Vacuum Test
PROJECT NO.: 29005	Start Pressure	35 PSI	Vac. Time	10 Sec
MATERIAL TYPE: 60 mil HDPE LINER	Test Time	5 Minutes	Vac. Pres.	5 psi
MATERIAL LAYER: Primary (CELL 1)	Accept. Drop	3 psi		
QC NAME: TAH				

Seam Number	Test Date	Tech Initials	Test Type (A or V)	Air Pressure Test		Time		Test Result (P or F)	Test Locations
				psi start	psi finish	Start	End		
007/008	05/12/09	SM	AIR	36	35	1435	1440	PASS	ELOS
007/016	05/13/09	SM	AIR	35	35	753	758	PASS	ELOS
008/009	05/12/09	SM	AIR	35	35	1421	1426	PASS	0-372
008/009	05/12/09	SM	AIR	35	34	1425	1430	PASS	372-384
008/009	05/12/09	SM	AIR	35	35	1425	1430	PASS	384-ELOS
008/017	05/13/09	SM	AIR	36	36	753	758	PASS	ELOS
009/018	05/13/09	SM	AIR	35	35	800	805	PASS	ELOS
009/079	05/23/09	SM	AIR	35	35	1601	1606	PASS	ELOS
010/011	05/12/09	SM	AIR	36	35	1617	1622	PASS	0-293
010/011	05/12/09	SM	AIR	36	36	1617	1622	PASS	293-ELOS
010/029	05/16/09	SM	AIR	36	35	1552	1557	PASS	ELOS
010/044	05/22/09	SM	AIR	35	35	1631	1636	PASS	0-250
010/044	05/22/09	SM	AIR	35	35	1652	1657	PASS	250-454
010/044	05/22/09	SM	AIR	37	37	1656	1701	PASS	454-ELOS
010/058	05/23/09	JV	Vacuum					PASS	See R 171
011/012	05/12/09	SM	AIR	36	36	1630	1635	PASS	ELOS
011/028	05/16/09	SM	AIR	35	35	1552	1557	PASS	ELOS
012/013	05/12/09	SM	AIR	35	34	1632	1637	PASS	ELOS
012/027	05/16/09	SM	AIR	35	35	1559	1604	PASS	ELOS



**GSI
NON-DESTRUCTIVE TESTING FORM**

PROJECT NAME: Sarasota County Phase 2	Test Criteria	AIR TEST	Test Criteria	Vacuum Test
PROJECT NO.: 29005	Start Pressure	35 PSI	Vac. Time	10 Sec
MATERIAL TYPE: 60 mil HDPE LINER	Test Time	5 Minutes	Vac. Pres.	5 psi
MATERIAL LAYER: Primary (CELL 1)	Accept. Drop	3 psi		
QC NAME: TAH				

Seam Number	Test Date	Tech Initials	Test Type (A or V)	Air Pressure Test		Time		Test Result (P or F)	Test Locations
				psi start	psi finish	Start	End		
013/014	05/12/09	SM	AIR	37	36	1719	1724	PASS	ELOS
013/025	05/16/09	SM	AIR	37	36	1559	1604	PASS	ELOS
014/015	05/12/09	SM	AIR	36	36	1728	1733	PASS	0-409
014/015	05/12/09	SM	AIR	36	35	1755	1800	PASS	409-ELOS
014/023	05/16/09	SM	AIR	37	36	1602	1607	PASS	ELOS
015/016	05/12/09	SM	AIR	35	35	1810	1815	PASS	ELOS
015/022	05/17/09	SC	Vacuum					PASS	See R 94
016/017	05/12/09	SM	AIR	35	35	1812	1817	PASS	ELOS
016/021	05/16/09	SM	AIR	35	34	1612	1617	PASS	ELOS
017/018	05/12/09	SM	AIR	36	35	1822	1827	PASS	ELOS
017/019	05/16/09	SM	AIR	36	36	1617	1622	PASS	ELOS
018/080	05/23/09	SM	AIR	36	35	1547	1552	PASS	453-ELOS
018/080	05/23/09	SM	AIR	37	37	1547	1552	PASS	0-453
018/184	06/16/09	SM	AIR	38	37	1009	1014	PASS	ELOS
019/020	05/13/09	SM	AIR	36	36	827	832	PASS	ELOS
019/021	05/13/09	SM	AIR	35	35	827	832	PASS	ELOS
019/184	06/16/09	SM	AIR	37	36	1020	1025	PASS	ELOS
019/185	06/16/09	SM	AIR	36	36	1020	1025	PASS	ELOS
019/186	06/16/09	SM	AIR	35	34	1030	1035	PASS	ELOS



**GSI
NON-DESTRUCTIVE TESTING FORM**

PROJECT NAME: Sarasota County Phase 2	Test Criteria	AIR TEST	Test Criteria	Vacuum Test
PROJECT NO.: 29005	Start Pressure	35 PSI	Vac. Time	10 Sec
MATERIAL TYPE: 60 mil HDPE LINER	Test Time	5 Minutes	Vac. Pres.	5 psi
MATERIAL LAYER: Primary (CELL 1)	Accept. Drop	3 psi		
QC NAME: TAH				

Seam Number	Test Date	Tech Initials	Test Type (A or V)	Air Pressure Test		Time		Test Result (P or F)	Test Locations
				psi start	psi finish	Start	End		
019/187	06/16/09	SM	AIR	36	35	1030	1035	PASS	ELOS
019/189	06/16/09	SM	AIR	37	36	1039	1044	PASS	ELOS
019/190	06/16/09	SM	AIR	38	37	1053	1058	PASS	ELOS
019/191	06/16/09	SM	AIR	37	36	1054	1059	PASS	ELOS
019/192	06/16/09	SM	AIR	38	38	1102	1107	PASS	ELOS
019/193	06/16/09	SM	AIR	36	36	1103	1108	PASS	ELOS
019/194	06/16/09	SM	AIR	35	35	1111	1116	PASS	ELOS
019/195	06/16/09	SM	AIR	35	35	1111	1116	PASS	ELOS
019/198	06/16/09	SM	AIR	35	34	1118	1123	PASS	ELOS
019/201	06/16/09	SM	AIR	35	34	1120	1125	PASS	ELOS
020/021	05/13/09	SM	AIR	35	35	827	832	PASS	ELOS
020/022	05/13/09	SM	AIR	35	35	832	837	PASS	ELOS
021/022	05/13/09	SM	AIR	36	35	832	837	PASS	ELOS
022/023	05/13/09	SM	AIR	36	36	1004	1009	PASS	ELOS
023/024	05/13/09	SM	AIR	35	35	1016	1021	PASS	ELOS
023/025	05/13/09	SM	AIR	35	35	1016	1021	PASS	ELOS
024/025	05/13/09	SM	AIR	37	36	1027	1032	PASS	ELOS
024/026	05/13/09	SM	AIR	37	36	1041	1046	PASS	ELOS
025/026	05/13/09	SM	AIR	37	37	1020	1025	PASS	ELOS



**GSI
NON-DESTRUCTIVE TESTING FORM**

PROJECT NAME: Sarasota County Phase 2	Test Criteria	AIR TEST	Test Criteria	Vacuum Test
PROJECT NO.: 29005	Start Pressure	35 PSI	Vac. Time	10 Sec
MATERIAL TYPE: 60 mil HDPE LINER	Test Time	5 Minutes	Vac. Pres.	5 psi
MATERIAL LAYER: Primary (CELL 1)	Accept. Drop	3 psi		
QC NAME: TAH				

Seam Number	Test Date	Tech Initials	Test Type (A or V)	Air Pressure Test		Time		Test Result (P or F)	Test Locations
				psi start	psi finish	Start	End		
025/027	05/13/09	SM	AIR	35	35	1046	1051	PASS	ELOS
026/027	05/13/09	SM	AIR	35	34	1046	1051	PASS	ELOS
026/028	05/13/09	SM	AIR	35	35	1055	1060	PASS	ELOS
027/028	05/13/09	SM	AIR	36	35	1055	1060	PASS	ELOS
028/029	05/13/09	SM	AIR	37	36	1259	1304	PASS	ELOS
029/058	05/23/09	SM	AIR	35	35	950	955	PASS	ELOS
029/081 A	06/02/09	SM	AIR	35	35	1532	1537	PASS	ELOS
030/031	05/22/09	SM	AIR	35	35	1038	1043	PASS	ELOS
030/044	05/23/09	SM	AIR	36	35	908	913	PASS	ELOS
031/032	05/22/09	SM	AIR	35	35	1042	1047	PASS	ELOS
031/045	05/23/09	SM	AIR	35	34	904	909	PASS	0-14
031/045	05/23/09	SM	AIR	35	35	908	913	PASS	14-ELOS
032/033	05/22/09	SM	AIR	35	35	1126	1131	PASS	0-493
032/033	05/22/09	SM	AIR	35	35	1408	1413	PASS	493-ELOS
032/046	05/23/09	SM	AIR	35	35	40	45	PASS	11-ELOS
032/046	05/23/09	SM	AIR	36	36	856	901	PASS	0-11
033/034	05/22/09	SM	AIR	35	34	1130	1135	PASS	ELOS
033/047	05/23/09	SM	AIR	35	35	854	859	PASS	ELOS
034/035	05/22/09	SM	AIR	35	34	1315	1320	PASS	0-20



**GSI
NON-DESTRUCTIVE TESTING FORM**

PROJECT NAME: Sarasota County Phase 2	Test Criteria	AIR TEST	Test Criteria	Vacuum Test
PROJECT NO.: 29005	Start Pressure	35 PSI	Vac. Time	10 Sec
MATERIAL TYPE: 60 mil HDPE LINER	Test Time	5 Minutes	Vac. Pres.	5 psi
MATERIAL LAYER: Primary (CELL 1)	Accept. Drop	3 psi		
QC NAME: TAH				

Seam Number	Test Date	Tech Initials	Test Type (A or V)	Air Pressure Test		Time		Test Result (P or F)	Test Locations
				psi start	psi finish	Start	End		
034/035	05/22/09	SM	AIR	35	35	1315	1320	PASS	20-ELOS
034/048	05/23/09	SM	AIR	35	35	838	843	PASS	ELOS
035/036	05/22/09	SM	AIR	36	36	1321	1326	PASS	0-110
035/036	05/22/09	SM	AIR	35	34	1321	1326	PASS	110-ELOS
035/049	05/23/09	SM	AIR	37	37	838	843	PASS	ELOS
036/037	05/22/09	SM	AIR	36	35	1325	1330	PASS	0-462
036/037	05/22/09	SM	AIR	35	35	1405	1410	PASS	462-ELOS
036/050	05/23/09	SM	AIR	36	35	836	841	PASS	ELOS
037/038	05/22/09	SM	AIR	35	35	1333	1338	PASS	ELOS
037/051	05/23/09	SM	AIR	37	37	836	841	PASS	ELOS
038/039	05/22/09	SM	AIR	37	36	1335	1340	PASS	ELOS
038/052	05/23/09	SM	AIR	35	35	828	833	PASS	ELOS
039/040	05/22/09	SM	AIR	37	36	1347	1352	PASS	0-144
039/040	05/22/09	SM	AIR	36	35	1347	1352	PASS	144-ELOS
039/053	05/23/09	SM	AIR	37	37	828	833	PASS	ELOS
040/054	05/23/09	SM	AIR	35	35	825	830	PASS	ELOS
044/045	05/22/09	SM	AIR	35	35	1533	1538	PASS	ELOS
044/058	05/23/09	SM	AIR	35	35	1454	1459	PASS	ELOS
045/046	05/22/09	SM	AIR	36	36	1704	1709	PASS	ELOS



**GSI
NON-DESTRUCTIVE TESTING FORM**

PROJECT NAME: Sarasota County Phase 2	Test Criteria	AIR TEST	Test Criteria	Vacuum Test
PROJECT NO.: 29005	Start Pressure	35 PSI	Vac. Time	10 Sec
MATERIAL TYPE: 60 mil HDPE LINER	Test Time	5 Minutes	Vac. Pres.	5 psi
MATERIAL LAYER: Primary (CELL 1)	Accept. Drop	3 psi		
QC NAME: TAH				

Seam Number	Test Date	Tech Initials	Test Type (A or V)	Air Pressure Test		Time		Test Result (P or F)	Test Locations
				psi start	psi finish	Start	End		
045/059	05/23/09	SM	AIR	38	38	1454	1459	PASS	ELOS
046/047	05/22/09	SM	AIR	36	36	1707	1712	PASS	ELOS
046/061	05/23/09	SM	AIR	35	35	1451	1456	PASS	ELOS
047/048	05/22/09	SM	AIR	36	36	1710	1715	PASS	ELOS
047/062	05/23/09	SM	AIR	36	36	1451	1456	PASS	ELOS
048/049	05/22/09	SM	AIR	37	37	1715	1720	PASS	ELOS
048/063	05/23/09	SM	AIR	35	35	1447	1452	PASS	ELOS
049/050	05/22/09	SM	AIR	35	34	1755	1800	PASS	ELOS
049/066	05/23/09	SM	AIR	35	35	1447	1452	PASS	ELOS
050/051	05/22/09	SM	AIR	36	36	1757	1802	PASS	ELOS
050/068	05/23/09	SM	AIR	37	37	1445	1450	PASS	ELOS
051/052	05/22/09	SM	AIR	38	38	1803	1808	PASS	0-252
051/052	05/22/09	SM	AIR	37	37	1803	1808	PASS	252-504
051/052	05/22/09	SM	AIR	36	35	1808	1813	PASS	504-ELOS
051/070	05/23/09	SM	AIR	35	35	1445	1450	PASS	ELOS
052/053	05/22/09	SM	AIR	36	36	1811	1816	PASS	ELOS
052/072	05/23/09	SM	AIR	35	35	1441	1446	PASS	ELOS
053/054	05/22/09	SM	AIR	37	37	1821	1826	PASS	157-ELOS
053/054	05/22/09	SM	AIR	35	35	1848	1853	PASS	0-157



**GSI
NON-DESTRUCTIVE TESTING FORM**

PROJECT NAME: Sarasota County Phase 2	Test Criteria	AIR TEST	Test Criteria	Vacuum Test
PROJECT NO.: 29005	Start Pressure	35 PSI	Vac. Time	10 Sec
MATERIAL TYPE: 60 mil HDPE LINER	Test Time	5 Minutes	Vac. Pres.	5 psi
MATERIAL LAYER: Primary (CELL 1)	Accept. Drop	3 psi		
QC NAME: TAH				

Seam Number	Test Date	Tech Initials	Test Type (A or V)	Air Pressure Test		Time		Test Result (P or F)	Test Locations
				psi start	psi finish	Start	End		
053/074	05/23/09	SM	AIR	35	35	1441	1446	PASS	ELOS
054/076	05/23/09	SM	AIR	35	35	1434	1439	PASS	ELOS
058/059	05/23/09	SM	AIR	36	36	951	956	PASS	ELOS
058/060	05/23/09	SM	AIR	35	35	1137	1142	PASS	ELOS
058/081 A	06/02/09	SM	AIR	35	34	1530	1535	PASS	0-9
058/081 A	06/02/09	SM	AIR	35	35	1532	1537	PASS	9-ELOS
059/060	05/23/09	SM	AIR	35	35	1505	1510	PASS	ELOS
059/061	05/23/09	SM	AIR	36	36	36	957	PASS	ELOS
060/061	05/23/09	SM	AIR	37	37	1115	1120	PASS	0-82
060/061	05/23/09	SM	AIR	37	37	1115	1120	PASS	82-ELOS
060/081 A	06/02/09	SM	AIR	35	35	1530	1535	PASS	ELOS
061/062	05/23/09	SM	AIR	36	35	1000	1005	PASS	0-140
061/062	05/23/09	SM	AIR	36	36	1000	1005	PASS	140-ELOS
062/063	05/23/09	SM	AIR	36	36	1010	1015	PASS	0-129
062/063	05/23/09	SM	AIR	35	34	1010	1015	PASS	129-ELOS
062/064	05/23/09	SM	AIR	36	36	1014	1019	PASS	ELOS
063/064	05/23/09	SM	AIR	35	35	1014	1019	PASS	ELOS
063/065	05/23/09	SM	AIR	36	35	1025	1030	PASS	ELOS
063/066	05/23/09	SM	AIR	35	35	1025	1030	PASS	ELOS



**GSI
NON-DESTRUCTIVE TESTING FORM**

PROJECT NAME: Sarasota County Phase 2	Test Criteria	AIR TEST	Test Criteria	Vacuum Test
PROJECT NO.: 29005	Start Pressure	35 PSI	Vac. Time	10 Sec
MATERIAL TYPE: 60 mil HDPE LINER	Test Time	5 Minutes	Vac. Pres.	5 psi
MATERIAL LAYER: Primary (CELL 1)	Accept. Drop	3 psi		
QC NAME: TAH				

Seam Number	Test Date	Tech Initials	Test Type (A or V)	Air Pressure Test		Time		Test Result (P or F)	Test Locations
				psi start	psi finish	Start	End		
064/065	05/23/09	SM	AIR	35	35	1028	1033	PASS	ELOS
065/066	05/23/09	SM	AIR	37	37	1025	1030	PASS	ELOS
065/067	05/23/09	SM	AIR	35	35	1106	1111	PASS	ELOS
065/068	05/23/09	SM	AIR	35	35	1100	1105	PASS	ELOS
066/068	05/23/09	SM	AIR	37	36	1033	1038	PASS	ELOS
067/068	05/23/09	SM	AIR	36	36	1106	1111	PASS	ELOS
067/069	05/23/09	SM	AIR	35	35	1303	1308	PASS	ELOS
068/069	05/23/09	SM	AIR	35	35	1303	1308	PASS	ELOS
068/070	05/23/09	SM	AIR	35	35	1313	1318	PASS	ELOS
069/070	05/23/09	SM	AIR	35	34	1313	1318	PASS	ELOS
069/071	05/23/09	SM	AIR	35	33	1412	1417	PASS	ELOS
069/072	05/24/09	JV	Vacuum					PASS	See R 213
070/072	05/23/09	SM	AIR	36	36	1412	1417	PASS	ELOS
071/072	05/23/09	SM	AIR	35	35	1412	1417	PASS	ELOS
071/073	05/23/09	SM	AIR	36	35	1417	1422	PASS	ELOS
072/073	05/24/09	JV	Vacuum					PASS	See Repair 215
072/074	05/23/09	SM	AIR	37	36	1418	1423	PASS	ELOS
073/074	05/23/09	SM	AIR	38	38	1418	1423	PASS	ELOS
073/075	05/23/09	SM	AIR	36	36	1423	1428	PASS	ELOS



**GSI
NON-DESTRUCTIVE TESTING FORM**

PROJECT NAME: Sarasota County Phase 2	Test Criteria	AIR TEST	Test Criteria	Vacuum Test
PROJECT NO.: 29005	Start Pressure	35 PSI	Vac. Time	10 Sec
MATERIAL TYPE: 60 mil HDPE LINER	Test Time	5 Minutes	Vac. Pres.	5 psi
MATERIAL LAYER: Primary (CELL 1)	Accept. Drop	3 psi		
QC NAME: TAH				

Seam Number	Test Date	Tech Initials	Test Type (A or V)	Air Pressure Test		Time		Test Result (P or F)	Test Locations
				psi start	psi finish	Start	End		
074/076	05/23/09	SM	AIR	38	38	1420	1425	PASS	ELOS
075/076	05/23/09	SM	AIR	35	35	1423	1428	PASS	ELOS
079/080	05/23/09	SM	AIR	35	34	1601	1606	PASS	ELOS
079/137	06/13/09	SM	AIR	36	36	1422	1427	PASS	ELOS
079/138	06/13/09	SM	AIR	36	36	1403	1408	PASS	ELOS
079/139	06/13/09	SM	AIR	36	36	1403	1408	PASS	ELOS
079/140	06/13/09	SM	AIR	36	36	1359	1364	PASS	ELOS
079/141	06/13/09	SM	AIR	35	34	1359	1364	PASS	ELOS
079/142	06/13/09	SM	AIR	36	34	1355	1360	PASS	ELOS
079/143	06/13/09	SM	AIR	35	35	1355	1360	PASS	ELOS
079/144	06/13/09	SM	AIR	36	36	1352	1357	PASS	ELOS
079/145	06/13/09	SM	AIR	36	36	1352	1357	PASS	ELOS
079/146	06/13/09	SM	AIR	36	36	1347	1352	PASS	ELOS
079/147	06/13/09	SM	AIR	35	35	1347	1352	PASS	ELOS
079/148	06/13/09	SM	AIR	36	36	1345	1350	PASS	ELOS
079/149	06/13/09	SM	AIR	36	36	1340	1345	PASS	ELOS
079/150	06/13/09	SM	AIR	39	39	1324	1329	PASS	ELOS
079/151	06/13/09	SM	AIR	36	36	1324	1329	PASS	ELOS
079/152	06/13/09	SM	AIR	38	38	1324	1329	PASS	ELOS



GSI
NON-DESTRUCTIVE TESTING FORM

PROJECT NAME: Sarasota County Phase 2	Test Criteria	AIR TEST	Test Criteria	Vacuum Test
PROJECT NO.: 29005	Start Pressure	35 PSI	Vac. Time	10 Sec
MATERIAL TYPE: 60 mil HDPE LINER	Test Time	5 Minutes	Vac. Pres.	5 psi
MATERIAL LAYER: Primary (CELL 1)	Accept. Drop	3 psi		
QC NAME: TAH				

Seam Number	Test Date	Tech Initials	Test Type (A or V)	Air Pressure Test		Time		Test Result (P or F)	Test Locations
				psi start	psi finish	Start	End		
079/153	06/13/09	SM	AIR	36	36	1323	1328	PASS	ELOS
079/154	06/13/09	SM	AIR	36	36	1137	1142	PASS	ELOS
079/155	06/13/09	SM	AIR	35	35	1137	1142	PASS	ELOS
079/156	06/13/09	SM	AIR	35	35	1131	1136	PASS	ELOS
079/157	06/13/09	SM	AIR	36	36	1131	1136	PASS	ELOS
079/158	06/13/09	SM	AIR	35	35	1127	1132	PASS	ELOS
079/159	06/13/09	SM	AIR	37	37	1127	1132	PASS	ELOS
079/167	06/13/09	SM	AIR	35	34	1422	1427	PASS	ELOS
080/159	06/13/09	SM	AIR	35	35	1047	1052	PASS	ELOS
080/160	06/13/09	SM	AIR	35	35	1047	1052	PASS	ELOS
080/161	06/13/09	SM	AIR	35	35	1045	1050	PASS	ELOS
080/162	06/13/09	SM	AIR	35	35	1045	1050	PASS	ELOS
080/163	06/13/09	SM	AIR	39	39	1034	1039	PASS	ELOS
080/164	06/13/09	SM	AIR	39	39	1026	1031	PASS	ELOS
080/165	06/13/09	SM	AIR	40	40	1024	1029	PASS	ELOS
080/166	06/13/09	SM	AIR	40	40	1024	1029	PASS	ELOS
080/168	06/14/09	SM	AIR	37	36	1041	1046	PASS	ELOS
080/169	06/14/09	SM	AIR	37	36	1042	1047	PASS	ELOS
080/170	06/14/09	SM	AIR	37	36	1046	1051	PASS	ELOS



**GSI
NON-DESTRUCTIVE TESTING FORM**

PROJECT NAME: Sarasota County Phase 2	Test Criteria	AIR TEST	Test Criteria	Vacuum Test
PROJECT NO.: 29005	Start Pressure	35 PSI	Vac. Time	10 Sec
MATERIAL TYPE: 60 mil HDPE LINER	Test Time	5 Minutes	Vac. Pres.	5 psi
MATERIAL LAYER: Primary (CELL 1)	Accept. Drop	3 psi		
QC NAME: TAH				

Seam Number	Test Date	Tech Initials	Test Type (A or V)	Air Pressure Test		Time		Test Result (P or F)	Test Locations
				psi start	psi finish	Start	End		
080/171	06/14/09	SM	AIR	35	35	1047	1052	PASS	ELOS
080/172	06/14/09	SM	AIR	35	35	1055	1100	PASS	ELOS
080/173	06/14/09	SM	AIR	36	36	1056	1101	PASS	ELOS
080/174	06/14/09	SM	AIR	37	36	1058	1103	PASS	ELOS
080/175	06/14/09	SM	AIR	37	35	1059	1104	PASS	ELOS
080/176	06/14/09	SM	AIR	36	36	1146	1151	PASS	ELOS
080/177	06/14/09	SM	AIR	37	37	1146	1151	PASS	ELOS
080/178	06/14/09	SM	AIR	36	36	1308	1313	PASS	ELOS
080/179	06/14/09	SM	AIR	35	35	1309	1314	PASS	ELOS
080/180	06/14/09	SM	AIR	36	36	1310	1315	PASS	ELOS
080/181	06/14/09	SM	AIR	35	35	1311	1316	PASS	ELOS
080/182	06/14/09	SM	AIR	36	36	1322	1327	PASS	ELOS
080/183	06/14/09	SM	AIR	39	38	1322	1327	PASS	ELOS
080/184	06/16/09	SM	AIR	37	37	1009	1014	PASS	ELOS
137/138	06/13/09	SM	AIR	35	35	905	910	PASS	ELOS
137/167	06/13/09	SM	AIR	36	36	907	912	PASS	ELOS
138/139	06/13/09	SM	AIR	35	35	858	863	PASS	ELOS
139/140	06/13/09	SM	AIR	35	35	857	862	PASS	ELOS
140/141	06/13/09	SM	AIR	36	36	855	860	PASS	ELOS



**GSI
NON-DESTRUCTIVE TESTING FORM**

PROJECT NAME: Sarasota County Phase 2	Test Criteria	AIR TEST	Test Criteria	Vacuum Test
PROJECT NO.: 29005	Start Pressure	35 PSI	Vac. Time	10 Sec
MATERIAL TYPE: 60 mil HDPE LINER	Test Time	5 Minutes	Vac. Pres.	5 psi
MATERIAL LAYER: Primary (CELL 1)	Accept. Drop	3 psi		
QC NAME: TAH				

Seam Number	Test Date	Tech Initials	Test Type (A or V)	Air Pressure Test		Time		Test Result (P or F)	Test Locations
				psi start	psi finish	Start	End		
141/142	06/13/09	SM	AIR	36	36	847	852	PASS	ELOS
142/143	06/13/09	SM	AIR	36	36	845	850	PASS	ELOS
143/144	06/13/09	SM	AIR	36	35	844	849	PASS	ELOS
144/145	06/13/09	SM	AIR	39	37	931	936	PASS	5-ELOS
144/145	06/13/09	SM	AIR	37	37	937	942	PASS	0-5
145/146	06/13/09	SM	AIR	37	37	836	841	PASS	ELOS
146/147	06/13/09	SM	AIR	38	38	834	839	PASS	ELOS
147/148	06/13/09	SM	AIR	35	35	832	837	PASS	ELOS
148/149	06/13/09	SM	AIR	37	37	831	836	PASS	ELOS
149/150	06/12/09	SM	AIR	35	35	1720	1725	PASS	ELOS
150/151	06/12/09	SM	AIR	38	36	1813	1818	PASS	ELOS
151/152	06/12/09	SM	AIR	36	36	1809	1814	PASS	ELOS
152/153	06/12/09	SM	AIR	36	35	1800	1805	PASS	ELOS
153/154	06/12/09	SM	AIR	38	38	1748	1753	PASS	ELOS
154/155	06/12/09	SM	AIR	37	37	1740	1745	PASS	ELOS
155/156	06/12/09	SM	AIR	37	37	1730	1735	PASS	ELOS
156/157	06/12/09	SM	AIR	36	35	1728	1733	PASS	ELOS
157/158	06/12/09	SM	AIR	35	35	1711	1716	PASS	ELOS
158/159	06/12/09	SM	AIR	35	35	1710	1715	PASS	ELOS



**GSI
NON-DESTRUCTIVE TESTING FORM**

PROJECT NAME: Sarasota County Phase 2	Test Criteria	AIR TEST	Test Criteria	Vacuum Test
PROJECT NO.: 29005	Start Pressure	35 PSI	Vac. Time	10 Sec
MATERIAL TYPE: 60 mil HDPE LINER	Test Time	5 Minutes	Vac. Pres.	5 psi
MATERIAL LAYER: Primary (CELL 1)	Accept. Drop	3 psi		
QC NAME: TAH				

Seam Number	Test Date	Tech Initials	Test Type (A or V)	Air Pressure Test		Time		Test Result (P or F)	Test Locations
				psi start	psi finish	Start	End		
159/160	06/12/09	SM	AIR	35	34	1709	1714	PASS	ELOS
160/161	06/12/09	SM	AIR	36	36	1708	1713	PASS	ELOS
161//162	06/12/09	SM	AIR	37	36	1700	1705	PASS	ELOS
162/163	06/12/09	SM	AIR	37	37	1658	1703	PASS	ELOS
163/164	06/12/09	SM	AIR	37	37	1656	1601	PASS	ELOS
164/165	06/12/09	SM	AIR	36	36	1650	1655	PASS	ELOS
165/166	06/12/09	SM	AIR	35	35	1630	1635	PASS	ELOS
166/168	06/14/09	SM	AIR	35	34	1650	1655	PASS	ELOS
168/169	06/14/09	SM	AIR	35	35	1652	1657	PASS	ELOS
169/170	06/13/09	SM	AIR	36	35	1654	1659	PASS	ELOS
170/171	06/13/09	SM	AIR	35	35	1656	1661	PASS	ELOS
171/172	06/13/09	SM	AIR	35	35	1701	1706	PASS	ELOS
172/173	06/13/09	SM	AIR	37	36	1703	1708	PASS	ELOS
173/174	06/13/09	SM	AIR	35	34	1704	1709	PASS	ELOS
174/175	06/13/09	SM	AIR	36	35	1706	1711	PASS	ELOS
175/176	06/14/09	SM	AIR	36	35	1809	1814	PASS	ELOS
176/177	06/14/09	SM	AIR	35	35	1810	1815	PASS	ELOS
177/178	06/14/09	SM	AIR	35	35	1812	1817	PASS	ELOS
178/179	06/14/09	SM	AIR	36	35	1814	1819	PASS	ELOS



**GSI
NON-DESTRUCTIVE TESTING FORM**

PROJECT NAME: Sarasota County Phase 2	Test Criteria	AIR TEST	Test Criteria	Vacuum Test
PROJECT NO.: 29005	Start Pressure	35 PSI	Vac. Time	10 Sec
MATERIAL TYPE: 60 mil HDPE LINER	Test Time	5 Minutes	Vac. Pres.	5 psi
MATERIAL LAYER: Primary (CELL 1)	Accept. Drop	3 psi		
QC NAME: TAH				

Seam Number	Test Date	Tech Initials	Test Type (A or V)	Air Pressure Test		Time		Test Result (P or F)	Test Locations
				psi start	psi finish	Start	End		
179/180	06/14/09	SM	AIR	37	36	1825	1830	PASS	45-EOS
179/180	06/14/09	SM	AIR	35	35	1826	1831	PASS	0-45
180/181	06/14/09	SM	AIR	36	36	1818	1823	PASS	ELOS
181/182	06/14/09	SM	AIR	35	35	1820	1825	PASS	ELOS
182/183	06/14/09	SM	AIR	35	35	1822	1827	PASS	ELOS
183/184	06/15/09	SM	AIR	36	36	1732	1737	PASS	ELOS
184/185	06/15/09	SM	AIR	37	36	1734	1739	PASS	ELOS
185/186	06/15/09	SM	AIR	37	36	1736	1741	PASS	ELOS
186/187	06/15/09	SM	AIR	35	35	1738	1743	PASS	ELOS
187/188	06/15/09	SM	AIR	35	35	1746	1751	PASS	ELOS
187/201	06/17/09	SC	VACUUM					PASS	See R 537
188/189	06/15/09	SM	AIR	36	35	1748	1753	PASS	ELOS
188/201	06/16/09	SM	AIR	36	35	1154	1159	PASS	ELOS
189/190	06/15/09	SM	AIR	35	35	1749	1754	PASS	ELOS
189/201	06/17/09	SC	VACUUM					PASS	See R 536
190/191	06/15/09	SM	AIR	36	36	1751	1756	PASS	ELOS
191/192	06/15/09	SM	AIR	36	36	1829	1834	PASS	ELOS
192/193	06/15/09	SM	AIR	36	35	1834	1839	PASS	ELOS
193/194	06/16/09	SM	AIR	36	36	757	762	PASS	ELOS



**GSI
NON-DESTRUCTIVE TESTING FORM**

PROJECT NAME: Sarasota County Phase 2	Test Criteria	AIR TEST	Test Criteria	Vacuum Test
PROJECT NO.: 29005	Start Pressure	35 PSI	Vac. Time	10 Sec
MATERIAL TYPE: 60 mil HDPE LINER	Test Time	5 Minutes	Vac. Pres.	5 psi
MATERIAL LAYER: Primary (CELL 1)	Accept. Drop	3 psi		
QC NAME: TAH				

Seam Number	Test Date	Tech Initials	Test Type (A or V)	Air Pressure Test		Time		Test Result (P or F)	Test Locations
				psi start	psi finish	Start	End		
194/195	06/16/09	SM	AIR	36	36	756	801	PASS	ELOS
195/196	06/16/09	SM	AIR	37	36	755	800	PASS	ELOS
196/197	06/16/09	SM	AIR	36	36	800	805	PASS	ELOS
196/198	06/16/09	SM	AIR	35	34	1125	1130	PASS	ELOS
196/199	06/16/09	SM	AIR	36	36	1142	1147	PASS	ELOS
197/199	06/16/09	SM	AIR	37	35	1130	1135	PASS	ELOS
197/200	06/16/09	SM	AIR	36	35	1130	1135	PASS	ELOS
198/199	06/16/09	SM	AIR	35	35	1124	1129	PASS	ELOS
199/200	06/16/09	SM	AIR	36	36	1140	1145	PASS	ELOS



**GSI
NON-DESTRUCTIVE TESTING FORM**

PROJECT NAME: Sarasota County Phase 2	Test Criteria	AIR TEST	Test Criteria	Vacuum Test
PROJECT NO.: 29005	Start Pressure	35 psi	Vac. Time	15 sec
MATERIAL TYPE: 60 mil HDPE.	Test Time	5 Minutes	Vac. Pres.	5 psi
MATERIAL LAYER: Primary	Accept. Drop	2 Psi		
QC NAME: L. Alston				

Seam Number	Test Date	Tech Initials	Test Type (A or V)	Air Pressure Test		Time		Test Result (P or F)	Test Locations
				psi start	psi finish	Start	End		
040/041	05/22/09	SM	AIR	37	37	1355	1400	PASS	0-253
040/041	05/22/09	SM	AIR	36	35	1355	1400	PASS	253-ELOS
041/042	05/22/09	SM	AIR	37	36	1445	1450	PASS	ELOS
041/055	05/23/09	SM	AIR	35	35	823	828	PASS	ELOS
042/043	05/22/09	SM	AIR	35	35	1448	1453	PASS	ELOS
042/056	05/23/09	SM	AIR	35	34	815	820	PASS	ELOS
043/057	05/23/09	SM	AIR	38	38	815	820	PASS	ELOS
043/081	06/02/09	SM	AIR	36	35	1135	1140	PASS	ELOS
054/055	05/22/09	SM	AIR	35	35	1815	1820	PASS	ELOS
055/056	05/22/09	SM	AIR	36	36	1824	1829	PASS	ELOS
055/078	05/23/09	SM	AIR	35	35	1434	1439	PASS	ELOS
056/057	05/22/09	SM	AIR	37	37	1842	1847	PASS	269-407
056/057	05/22/09	SM	AIR	36	36	1842	1847	PASS	407-ELOS
056/057	05/22/09	SM	AIR	35	35	1846	1851	PASS	0-269
056/227	06/19/09	SM	AIR	35	35	1823	1828	PASS	ELOS
057/095	06/03/09	SM	AIR	35	35	1129	1134	PASS	ELOS
057/229	06/19/09	SM	AIR	37	36	1821	1826	PASS	ELOS
075/077	05/23/09	SM	AIR	38	38	1424	1429	PASS	ELOS
076/077	05/23/09	SM	AIR	35	35	1430	1435	PASS	ELOS



**GSI
NON-DESTRUCTIVE TESTING FORM**

PROJECT NAME: Sarasota County Phase 2	Test Criteria	AIR TEST	Test Criteria	Vacuum Test
PROJECT NO.: 29005	Start Pressure	35 psi	Vac. Time	15 sec
MATERIAL TYPE: 60 mil HDPE.	Test Time	5 Minutes	Vac. Pres.	5 psi
MATERIAL LAYER: Primary	Accept. Drop	2 Psi		
QC NAME: L. Alston				

Seam Number	Test Date	Tech Initials	Test Type (A or V)	Air Pressure Test		Time		Test Result (P or F)	Test Locations
				psi start	psi finish	Start	End		
076/078	05/23/09	SM	AIR	35	35	1430	1435	PASS	ELOS
077/078	05/23/09	SM	AIR	35	34	1430	1435	PASS	ELOS
077/227	06/19/09	SM	AIR	37	36	1547	1552	PASS	ELOS
078/227	06/19/09	SM	AIR	37	36	1545	1550	PASS	ELOS
081/082	06/02/09	SM	AIR	35	34	1136	1141	PASS	ELOS
081/095	06/04/09	SM	AIR	36	36	1019	1024	PASS	ELOS
082/083	06/02/09	SM	AIR	35	35	1138	1143	PASS	ELOS
082/096	06/04/09	SM	AIR	35	35	1019	1024	PASS	ELOS
083/084	06/02/09	SM	AIR	35	35	1330	1335	PASS	ELOS
083/097	06/04/09	SM	AIR	37	36	1010	1015	PASS	ELOS
084/085	06/02/09	SM	AIR	35	35	1336	1341	PASS	ELOS
084/098	06/04/09	SM	AIR	36	35	1010	1015	PASS	ELOS
085/086	06/02/09	SM	AIR	35	35	1349	1354	PASS	11-130
085/086	06/02/09	SM	AIR	35	35	1349	1354	PASS	130-ELOS
085/086	06/02/09	SM	AIR	35	35	1357	1402	PASS	0-11
085/099	06/04/09	SM	AIR	37	36	958	1003	PASS	ELOS
086/087	06/02/09	SM	AIR	35	35	1352	1357	PASS	0-124
086/087	06/02/09	SM	AIR	35	35	1352	1357	PASS	124-ELOS
086/102	06/04/09	SM	AIR	35	35	958	1003	PASS	ELOS



**GSI
NON-DESTRUCTIVE TESTING FORM**

PROJECT NAME: Sarasota County Phase 2	Test Criteria	AIR TEST	Test Criteria	Vacuum Test
PROJECT NO.: 29005	Start Pressure	35 psi	Vac. Time	15 sec
MATERIAL TYPE: 60 mil HDPE.	Test Time	5 Minutes	Vac. Pres.	5 psi
MATERIAL LAYER: Primary	Accept. Drop	2 Psi		
QC NAME: L. Alston				

Seam Number	Test Date	Tech Initials	Test Type (A or V)	Air Pressure Test		Time		Test Result (P or F)	Test Locations
				psi start	psi finish	Start	End		
087/088	06/03/09	SM	AIR	36	36	856	861	PASS	0-185
087/088	06/03/09	SM	AIR	36	36	856	861	PASS	185-211
087/088	06/03/09	SM	AIR	36	36	941	946	PASS	211-ELOS
087/103	06/04/09	SM	AIR	35	34	951	956	PASS	ELOS
088/089	06/03/09	SM	AIR	35	35	908	913	PASS	0-300
088/089	06/03/09	SM	AIR	35	35	908	913	PASS	300-ELOS
088/104	06/04/09	SM	AIR	35	35	951	956	PASS	ELOS
089/090	06/02/09	SM	AIR	36	36	1728	1733	PASS	ELOS
089/105	06/04/09	SM	AIR	35	34	943	948	PASS	ELOS
090/091	06/02/09	SM	AIR	36	36	1731	1736	PASS	ELOS
090/106	06/04/09	SM	AIR	35	35	943	948	PASS	ELOS
091/092	06/02/09	SM	AIR	35	35	1735	1740	PASS	ELOS
091/093	06/02/09	SM	AIR	36	36	1735	1740	PASS	ELOS
091/107	06/04/09	SM	AIR	36	36	941	946	PASS	ELOS
092/093	06/03/09	SM	AIR	35	35	928	933	PASS	ELOS
092/094	06/03/09	SM	AIR	35	35	940	945	PASS	0-25
092/094	06/03/09	SM	AIR	36	35	940	945	PASS	25-120
092/094	06/03/09	SM	AIR	37	36	943	948	PASS	120-ELOS
093/094	06/03/09	SM	AIR	36	35	928	933	PASS	ELOS



**GSI
NON-DESTRUCTIVE TESTING FORM**

PROJECT NAME: Sarasota County Phase 2	Test Criteria	AIR TEST	Test Criteria	Vacuum Test
PROJECT NO.: 29005	Start Pressure	35 psi	Vac. Time	15 sec
MATERIAL TYPE: 60 mil HDPE.	Test Time	5 Minutes	Vac. Pres.	5 psi
MATERIAL LAYER: Primary	Accept. Drop	2 Psi		
QC NAME: L. Alston				

Seam Number	Test Date	Tech Initials	Test Type (A or V)	Air Pressure Test		Time		Test Result (P or F)	Test Locations
				psi start	psi finish	Start	End		
093/108	06/04/09	SM	AIR	35	34	827	832	PASS	ELOS
093/109	06/04/09	SC	Vacuum					PASS	See Repair # 274
094/100	06/03/09	SM	AIR	37	37	1351	1356	PASS	ELOS
094/109	06/04/09	SM	AIR	37	37	827	832	PASS	ELOS
095/096	06/03/09	SM	AIR	36	35	1132	1137	PASS	0-70
095/096	06/03/09	SM	AIR	35	35	1135	1140	PASS	95-ELOS
095/096	06/03/09	SM	AIR	35	34	1137	1142	PASS	70-95
095/231	06/19/09	SM	AIR	36	35	1820	1825	PASS	ELOS
096/097	06/03/09	SM	AIR	35	35	1125	1130	PASS	ELOS
096/232	06/19/09	SM	AIR	36	34	1813	1818	PASS	ELOS
097/098	06/03/09	SM	AIR	36	35	1123	1128	PASS	ELOS
097/233	06/19/09	SM	AIR	36	36	1817	1822	PASS	ELOS
098/099	06/03/09	SM	AIR	36	35	1120	1125	PASS	ELOS
098/235	06/19/09	SM	AIR	35	35	1805	1810	PASS	ELOS
099/102	07/03/09	SM	AIR	36	34	1644	1649	PASS	ELOS
099/102 A	07/03/09	SM	AIR	37	35	1648	1653	PASS	ELOS
099/237	06/19/09	SM	AIR	35	35	1804	1809	PASS	ELOS
100/101	06/03/09	SM	AIR	36	36	1410	1415	PASS	0-205
100/101	06/03/09	SM	AIR	35	34	1410	1415	PASS	205-ELOS



**GSI
NON-DESTRUCTIVE TESTING FORM**

PROJECT NAME: Sarasota County Phase 2	Test Criteria	AIR TEST	Test Criteria	Vacuum Test
PROJECT NO.: 29005	Start Pressure	35 psi	Vac. Time	15 sec
MATERIAL TYPE: 60 mil HDPE.	Test Time	5 Minutes	Vac. Pres.	5 psi
MATERIAL LAYER: Primary	Accept. Drop	2 Psi		
QC NAME: L. Alston				

Seam Number	Test Date	Tech Initials	Test Type (A or V)	Air Pressure Test		Time		Test Result (P or F)	Test Locations
				psi start	psi finish	Start	End		
100/110	06/04/09	SM	AIR	35	35	817	822	PASS	ELOS
101/111	06/04/09	SM	AIR	37	35	817	822	PASS	ELOS
101/112	06/09/09	SM	AIR	37	37	1013	1018	PASS	ELOS
102 A/103	07/03/09	SM	AIR	37	36	1642	1647	PASS	ELOS
102 A/283	07/03/09	SM	AIR	36	36	1617	1622	PASS	ELOS
102/102 A	06/03/09	SM	AIR	37	36	1553	1558	PASS	ELOS
102/103	06/03/09	SM	AIR	35	35	1555	1600	PASS	0-340
102/103	06/08/09	SM	AIR	36	35	832	837	PASS	340-ELOS
103/104	06/03/09	SM	AIR	35	35	1556	1601	PASS	0-338
103/104	06/08/09	SM	AIR	35	35	830	835	PASS	338-ELOS
103/238	06/23/09	SM	AIR	35	34	1434	1439	PASS	ELOS
104/105	06/03/09	SM	AIR	37	35	1921	1926	PASS	ELOS
104/240	06/23/09	SM	AIR	37	36	1435	1440	PASS	ELOS
105/106	06/03/09	SM	AIR	35	34	1525	1530	PASS	492-ELOS
105/106	06/03/09	SM	AIR	35	34	1924	1929	PASS	0-492
105/242	06/23/09	SM	AIR	36	35	1521	1526	PASS	ELOS
106/107	06/03/09	SM	AIR	37	37	1536	1541	PASS	500-ELOS
106/107	06/03/09	SM	AIR	35	35	1740	1745	PASS	0-500
106/243	06/23/09	SM	AIR	35	35	1532	1537	PASS	ELOS



**GSI
NON-DESTRUCTIVE TESTING FORM**

PROJECT NAME: Sarasota County Phase 2	Test Criteria	AIR TEST	Test Criteria	Vacuum Test
PROJECT NO.: 29005	Start Pressure	35 psi	Vac. Time	15 sec
MATERIAL TYPE: 60 mil HDPE.	Test Time	5 Minutes	Vac. Pres.	5 psi
MATERIAL LAYER: Primary	Accept. Drop	2 Psi		
QC NAME: L. Alston				

Seam Number	Test Date	Tech Initials	Test Type (A or V)	Air Pressure Test		Time		Test Result (P or F)	Test Locations
				psi start	psi finish	Start	End		
107/108	06/04/09	SM	AIR	35	35	1052	1057	PASS	0-107
107/108	06/04/09	SM	AIR	35	34	1552	1557	PASS	107-ELOS
107/244	06/23/09	SM	AIR	36	35	1537	1542	PASS	ELOS
108/109	06/04/09	SM	AIR	37	37	1055	1100	PASS	ELOS
108/246	06/23/09	SM	AIR	35	34	1545	1550	PASS	ELOS
108/248	06/25/09	SC	Vacuum					PASS	See Repair # 697
109/110	06/04/09	SM	AIR	35	34	1118	1123	PASS	257-275
109/110	06/04/09	SM	AIR	37	37	1138	1143	PASS	275-ELOS
109/110	06/04/09	SM	AIR	37	36	1141	1146	PASS	0- 257
109/248	06/23/09	SM	AIR	37	36	1559	1604	PASS	ELOS
110/111	06/04/09	SM	AIR	36	36	1138	1143	PASS	0- 225
110/111	06/04/09	SM	AIR	37	37	1138	1143	PASS	225 -ELOS
110/248	06/25/09	SC	Vacuum					PASS	See Repair # 698
110/249	06/23/09	SM	AIR	36	35	1605	1610	PASS	ELOS
110/250	06/25/09	SC	Vacuum					PASS	See Repair # 699
111/202	06/18/09	SM	AIR	37	37	1401	1406	PASS	ELOS
111/250	06/24/09	SM	AIR	35	35	823	828	PASS	ELOS
112/113	06/09/09	SM	AIR	37	36	1118	1123	PASS	ELOS
112/202	06/18/09	SM	AIR	35	35	1449	1454	PASS	ELOS



**GSI
NON-DESTRUCTIVE TESTING FORM**

PROJECT NAME: Sarasota County Phase 2	Test Criteria	AIR TEST	Test Criteria	Vacuum Test
PROJECT NO.: 29005	Start Pressure	35 psi	Vac. Time	15 sec
MATERIAL TYPE: 60 mil HDPE.	Test Time	5 Minutes	Vac. Pres.	5 psi
MATERIAL LAYER: Primary	Accept. Drop	2 Psi		
QC NAME: L. Alston				

Seam Number	Test Date	Tech Initials	Test Type (A or V)	Air Pressure Test		Time		Test Result (P or F)	Test Locations
				psi start	psi finish	Start	End		
113/114	06/09/09	SM	AIR	36	36	1016	1021	PASS	ELOS
113/203	06/18/09	SM	AIR	36	35	1442	1447	PASS	ELOS
114/115	06/09/09	SM	AIR	37	36	1032	1037	PASS	ELOS
114/204	06/21/09	SC	Vacuum					PASS	See Repair # 603
115/116	06/09/09	SM	AIR	35	35	1035	1040	PASS	ELOS
115/205	06/18/09	SM	AIR	36	36	1628	1633	PASS	0-11
115/205	06/18/09	SM	AIR	36	36	1630	1635	PASS	11-ELOS
116/117	06/09/09	SM	AIR	35	35	1047	1052	PASS	ELOS
116/206	06/18/09	SM	AIR	35	33	1628	1633	PASS	ELOS
117/118	06/09/09	SM	AIR	36	35	1054	1059	PASS	ELOS
117/207	06/18/09	SM	AIR	35	35	1620	1625	PASS	ELOS
118/119	06/09/09	SM	AIR	36	36	1143	1148	PASS	190-ELOS
118/119	06/09/09	SM	AIR	35	35	1153	1158	PASS	98-190
118/119	06/09/09	SM	AIR	35	35	1159	1204	PASS	0-98
118/208	06/18/09	SM	AIR	37	37	1620	1625	PASS	ELOS
119/120	06/09/09	SM	AIR	36	35	1325	1330	PASS	ELOS
119/209	06/18/09	SM	AIR	35	35	1612	1617	PASS	ELOS
120/121	06/09/09	SM	AIR	37	37	1432	1437	PASS	ELOS
120/210	06/18/09	SM	AIR	35	35	1611	1616	PASS	ELOS



**GSI
NON-DESTRUCTIVE TESTING FORM**

PROJECT NAME: Sarasota County Phase 2	Test Criteria	AIR TEST	Test Criteria	Vacuum Test
PROJECT NO.: 29005	Start Pressure	35 psi	Vac. Time	15 sec
MATERIAL TYPE: 60 mil HDPE.	Test Time	5 Minutes	Vac. Pres.	5 psi
MATERIAL LAYER: Primary	Accept. Drop	2 Psi		
QC NAME: L. Alston				

Seam Number	Test Date	Tech Initials	Test Type (A or V)	Air Pressure Test		Time		Test Result (P or F)	Test Locations
				psi start	psi finish	Start	End		
120/CAP	07/11/09	SM	AIR	37	37	1643	1648	PASS	0-115
120/CAP	07/11/09	SM	AIR	36	36	1643	1648	PASS	115-202
120/CAP	07/11/09	SM	AIR	37	37	1657	1702	PASS	202-297
120/CAP	07/11/09	SM	AIR	37	36	1659	1704	PASS	297-350
120/CAP	07/11/09	SM	AIR	37	37	1710	1715	PASS	350-424
120/CAP	07/11/09	SM	AIR	35	35	1712	1717	PASS	424-487
120/CAP	07/11/09	SM	AIR	36	35	1712	1717	PASS	487-ELOS
121/122	06/09/09	SM	AIR	36	36	1502	1507	PASS	ELOS
121/211	06/18/09	SM	AIR	35	35	1703	1708	PASS	ELOS
121/CAP	07/11/09	SM	AIR	35	35	1059	1104	PASS	0-115
121/CAP	07/11/09	SM	AIR	35	35	1059	1104	PASS	115-202
121/CAP	07/11/09	SM	AIR	35	35	1102	1107	PASS	202-297
121/CAP	07/11/09	SM	AIR	35	35	1105	1110	PASS	297-350
121/CAP	07/11/09	SM	AIR	36	36	1114	1119	PASS	350-357
121/CAP	07/11/09	SM	AIR	36	36	1120	1125	PASS	357-424
121/CAP	07/11/09	SM	AIR	36	35	1122	1127	PASS	424-435
121/CAP	07/11/09	SM	AIR	36	34	1123	1128	PASS	435-487
121/CAP	07/11/09	SM	AIR	37	36	1129	1134	PASS	487-ELOS
122/123	06/09/09	SM	AIR	35	35	1540	1545	PASS	ELOS



**GSI
NON-DESTRUCTIVE TESTING FORM**

PROJECT NAME: Sarasota County Phase 2	Test Criteria	AIR TEST	Test Criteria	Vacuum Test
PROJECT NO.: 29005	Start Pressure	35 psi	Vac. Time	15 sec
MATERIAL TYPE: 60 mil HDPE.	Test Time	5 Minutes	Vac. Pres.	5 psi
MATERIAL LAYER: Primary	Accept. Drop	2 Psi		
QC NAME: L. Alston				

Seam Number	Test Date	Tech Initials	Test Type (A or V)	Air Pressure Test		Time		Test Result (P or F)	Test Locations
				psi start	psi finish	Start	End		
122/212	06/19/09	SM	AIR	36	36	1322	1327	PASS	ELOS
123/124	06/09/09	SM	AIR	35	35	1542	1547	PASS	ELOS
123/213	06/19/09	SM	AIR	36	36	1323	1328	PASS	ELOS
124/125	06/09/09	SM	AIR	36	36	1545	1550	PASS	ELOS
124/214	06/19/09	SM	AIR	35	34	1317	1322	PASS	ELOS
125/126	06/09/09	SM	AIR	36	36	1610	1615	PASS	ELOS
125/215	06/19/09	SM	AIR	35	35	1316	1321	PASS	ELOS
126/127	06/09/09	SM	AIR	39	39	1625	1630	PASS	186-ELOS
126/127	06/09/09	SM	AIR	36	35	1627	1632	PASS	0-186
126/216	06/19/09	SM	AIR	37	36	1313	1318	PASS	ELOS
127/128	06/09/09	SM	AIR	35	35	1646	1651	PASS	280-415
127/128	06/09/09	SM	AIR	36	35	1646	1651	PASS	415-ELOS
127/128	06/09/09	SM	AIR	36	34	1653	1658	PASS	0-280
127/217	06/19/09	SM	AIR	36	35	1312	1317	PASS	ELOS
128/129	06/10/09	SM	AIR	36	36	834	839	PASS	ELOS
128/218	06/19/09	SM	AIR	36	35	1430	1435	PASS	ELOS
129/130	06/10/09	SM	AIR	37	36	849	854	PASS	0-193
129/130	06/10/09	SM	AIR	36	36	849	854	PASS	193-ELOS
129/219	06/19/09	SM	AIR	35	34	1429	1434	PASS	ELOS



**GSI
NON-DESTRUCTIVE TESTING FORM**

PROJECT NAME: Sarasota County Phase 2	Test Criteria	AIR TEST	Test Criteria	Vacuum Test
PROJECT NO.: 29005	Start Pressure	35 psi	Vac. Time	15 sec
MATERIAL TYPE: 60 mil HDPE.	Test Time	5 Minutes	Vac. Pres.	5 psi
MATERIAL LAYER: Primary	Accept. Drop	2 Psi		
QC NAME: L. Alston				

Seam Number	Test Date	Tech Initials	Test Type (A or V)	Air Pressure Test		Time		Test Result (P or F)	Test Locations
				psi start	psi finish	Start	End		
130/131	06/10/09	SM	AIR	36	36	858	863	PASS	ELOS
130/220	06/19/09	SM	AIR	35	34	1428	1433	PASS	ELOS
131/132	06/10/09	SM	AIR	36	36	903	908	PASS	ELOS
131/221	06/19/09	SM	AIR	35	35	1421	1426	PASS	ELOS
132/133	06/10/09	SM	AIR	36	36	905	910	PASS	ELOS
132/222	06/19/09	SM	AIR	35	35	1420	1425	PASS	ELOS
133/134	06/10/09	SM	AIR	36	36	923	928	PASS	ELOS
133/223	06/19/09	SM	AIR	35	35	1416	1421	PASS	ELOS
134/135	06/10/09	SM	AIR	35	35	935	940	PASS	0-325
134/135	06/10/09	SM	AIR	35	35	935	940	PASS	325-ELOS
134/224	06/19/09	SM	AIR	36	35	1415	1420	PASS	ELOS
135/136	06/10/09	SM	AIR	37	36	949	954	PASS	0-287
135/136	06/10/09	SM	AIR	36	35	949	954	PASS	287-ELOS
135/225	06/19/09	SM	AIR	35	35	1407	1412	PASS	ELOS
136/226	06/19/09	SM	AIR	37	36	1406	1411	PASS	ELOS
136/284	07/11/09	SM	AIR	35	35	1316	1321	PASS	ELOS
202/203	06/18/09	SM	AIR	36	35	1403	1408	PASS	ELOS
202/252	06/24/09	SM	AIR	37	37	825	830	PASS	ELOS
203/204	06/18/09	SM	AIR	36	35	1405	1410	PASS	ELOS



**GSI
NON-DESTRUCTIVE TESTING FORM**

PROJECT NAME: Sarasota County Phase 2	Test Criteria	AIR TEST	Test Criteria	Vacuum Test
PROJECT NO.: 29005	Start Pressure	35 psi	Vac. Time	15 sec
MATERIAL TYPE: 60 mil HDPE.	Test Time	5 Minutes	Vac. Pres.	5 psi
MATERIAL LAYER: Primary	Accept. Drop	2 Psi		
QC NAME: L. Alston				

Seam Number	Test Date	Tech Initials	Test Type (A or V)	Air Pressure Test		Time		Test Result (P or F)	Test Locations
				psi start	psi finish	Start	End		
203/254	06/24/09	SM	AIR	35	35	837	842	PASS	ELOS
204/205	06/18/09	SM	AIR	36	36	1418	1423	PASS	ELOS
204/255	06/24/09	SM	AIR	36	36	837	842	PASS	ELOS
205/206	06/18/09	SM	AIR	37	37	1429	1434	PASS	ELOS
205/256	06/24/09	SM	AIR	36	36	843	848	PASS	ELOS
206/207	06/18/09	SM	AIR	36	36	1431	1436	PASS	ELOS
206/258	06/24/09	SM	AIR	36	36	846	851	PASS	ELOS
207/208	06/18/09	SM	AIR	36	35	1433	1438	PASS	ELOS
207/260	06/24/09	SM	AIR	36	36	850	855	PASS	ELOS
208/209	06/18/09	SM	AIR	37	37	1442	1447	PASS	0-329
208/209	06/18/09	SM	AIR	36	36	1443	1448	PASS	329-ELOS
208/261	06/24/09	SM	AIR	35	35	1811	1816	PASS	ELOS
209/210	06/18/09	SM	AIR	35	34	1445	1450	PASS	250-ELOS
209/210	06/18/09	SM	AIR	36	35	1446	1451	PASS	0-250
209/262	06/24/09	SM	AIR	36	36	1810	1815	PASS	ELOS
210/211	06/18/09	SM	AIR	35	35	1705	1710	PASS	ELOS
210/263	06/24/09	SM	AIR	35	34	1809	1814	PASS	ELOS
210/CAP	07/11/09	SM	AIR	36	36	1717	1722	PASS	0-30
210/CAP	07/11/09	SM	AIR	37	37	1717	1722	PASS	30-129



**GSI
NON-DESTRUCTIVE TESTING FORM**

PROJECT NAME: Sarasota County Phase 2	Test Criteria	AIR TEST	Test Criteria	Vacuum Test
PROJECT NO.: 29005	Start Pressure	35 psi	Vac. Time	15 sec
MATERIAL TYPE: 60 mil HDPE.	Test Time	5 Minutes	Vac. Pres.	5 psi
MATERIAL LAYER: Primary	Accept. Drop	2 Psi		
QC NAME: L. Alston				

Seam Number	Test Date	Tech Initials	Test Type (A or V)	Air Pressure Test		Time		Test Result (P or F)	Test Locations
				psi start	psi finish	Start	End		
210/CAP	07/11/09	SM	AIR	35	35	1724	1729	PASS	129-230
210/CAP	07/11/09	SM	AIR	37	36	1724	1729	PASS	230-327
210/CAP	07/11/09	SM	AIR	37	37	1727	1732	PASS	327-400
210/CAP	07/11/09	SM	AIR	37	36	1729	1734	PASS	400-425
210/CAP	07/11/09	SM	AIR	36	35	1729	1734	PASS	425-ELOS
211/212	06/19/09	SM	AIR	35	34	807	812	PASS	ELOS
211/347	07/29/09	AG	Vacuum					Pass	See Repair # 999
211/CAP	07/11/09	SM	AIR	36	35	1131	1136	PASS	0-30
211/CAP	07/11/09	SM	AIR	36	35	1134	1139	PASS	30-129
211/CAP	07/11/09	SM	AIR	37	36	1138	1143	PASS	129-230
211/CAP	07/11/09	SM	AIR	35	34	1141	1146	PASS	230-327
211/CAP	07/11/09	SM	AIR	36	36	1143	1148	PASS	425-ELOS
211/CAP	07/11/09	SM	AIR	36	36	1148	1153	PASS	327-425
212/213	06/19/09	SM	AIR	36	35	808	813	PASS	ELOS
212/265	06/25/09	SC	Vacuum					PASS	See Repair # 765
213/214	06/19/09	SM	AIR	35	35	809	814	PASS	ELOS
213/267	06/25/09	SM	AIR	35	35	840	845	PASS	ELOS
214/215	06/19/09	SM	AIR	36	36	810	815	PASS	ELOS
214/268	06/25/09	SM	AIR	36	35	839	844	PASS	ELOS





**GSI
NON-DESTRUCTIVE TESTING FORM**

PROJECT NAME: Sarasota County Phase 2	Test Criteria	AIR TEST	Test Criteria	Vacuum Test
PROJECT NO.: 29005	Start Pressure	35 psi	Vac. Time	15 sec
MATERIAL TYPE: 60 mil HDPE.	Test Time	5 Minutes	Vac. Pres.	5 psi
MATERIAL LAYER: Primary	Accept. Drop	2 Psi		
QC NAME: L. Alston				

Seam Number	Test Date	Tech Initials	Test Type (A or V)	Air Pressure Test		Time		Test Result (P or F)	Test Locations
				psi start	psi finish	Start	End		
214/271	06/26/09	SC	Vacuum					PASS	See Repair # 786
215/216	06/19/09	SM	AIR	35	35	820	825	PASS	ELOS
215/271	06/25/09	SM	AIR	35	34	1353	1358	PASS	ELOS
216/217	06/19/09	SM	AIR	36	35	830	835	PASS	92-ELOS
216/217	06/19/09	SM	AIR	37	36	831	836	PASS	0-92
216/272	06/25/09	SM	AIR	35	35	1352	1357	PASS	ELOS
217/218	06/19/09	SM	AIR	35	34	840	845	PASS	200-ELOS
217/218	06/19/09	SM	AIR	35	35	845	850	PASS	40-200
217/218	06/19/09	SM	AIR	36	35	849	854	PASS	0-40
217/276	06/25/09	SM	AIR	35	33	1351	1356	PASS	ELOS
218/219	06/19/09	SM	AIR	35	34	853	858	PASS	0-38
218/219	06/19/09	SM	AIR	35	35	854	859	PASS	38-57
218/219	06/19/09	SM	AIR	37	37	901	906	PASS	57-75
218/219	06/19/09	SM	AIR	35	35	902	907	PASS	75-275
218/219	06/19/09	SM	AIR	35	35	904	909	PASS	275-ELOS
218/281	06/25/09	SM	AIR	36	36	1350	1355	PASS	ELOS
218/282	06/26/09	SC	Vacuum					PASS	See Repair # 790
219/220	06/19/09	SM	AIR	35	35	1016	1021	PASS	ELOS
219/282	06/25/09	SM	AIR	35	35	1350	1355	PASS	ELOS



**GSI
NON-DESTRUCTIVE TESTING FORM**

PROJECT NAME: Sarasota County Phase 2	Test Criteria	AIR TEST	Test Criteria	Vacuum Test
PROJECT NO.: 29005	Start Pressure	35 psi	Vac. Time	15 sec
MATERIAL TYPE: 60 mil HDPE.	Test Time	5 Minutes	Vac. Pres.	5 psi
MATERIAL LAYER: Primary	Accept. Drop	2 Psi		
QC NAME: L. Alston				

Seam Number	Test Date	Tech Initials	Test Type (A or V)	Air Pressure Test		Time		Test Result (P or F)	Test Locations
				psi start	psi finish	Start	End		
220/221	06/19/09	SM	AIR	35	35	1027	1032	PASS	0-100
220/221	06/19/09	SM	AIR	35	35	1034	1039	PASS	100-121
220/221	06/19/09	SM	AIR	35	34	1035	1040	PASS	121-ELOS
220/319	07/21/09	SM	AIR	35	35	1043	1048	PASS	ELOS
221/222	06/19/09	SM	AIR	36	35	1057	1062	PASS	ELOS
221/322	07/21/09	SM	AIR	35	35	1044	1049	PASS	ELOS
222/223	06/19/09	SM	AIR	36	36	1059	1064	PASS	ELOS
222/323	07/21/09	SM	AIR	36	36	1045	1050	PASS	ELOS
223/224	06/19/09	SM	AIR	35	34	1100	1105	PASS	ELOS
223/325	07/21/09	SM	AIR	36	36	1046	1051	PASS	ELOS
224/225	06/19/09	SM	AIR	37	36	1126	1131	PASS	ELOS
224/327	07/21/09	SM	AIR	35	35	1049	1054	PASS	ELOS
225/226	06/19/09	SM	AIR	35	35	1134	1139	PASS	ELOS
225/328	07/21/09	SM	AIR	36	35	1049	1054	PASS	ELOS
226/291	07/11/09	SM	AIR	37	36	1405	1410	PASS	0-484
226/291	07/21/09	SM	AIR	36	35	1103	1108	PASS	484-ELOS
226/329	07/21/09	SM	AIR	37	37	1059	1064	PASS	ELOS
226/331	07/23/09	MP	Vacuum					Pass	See Repair # 936
227/228	06/19/09	SM	AIR	36	36	1551	1556	PASS	ELOS



**GSI
NON-DESTRUCTIVE TESTING FORM**

PROJECT NAME: Sarasota County Phase 2	Test Criteria	AIR TEST	Test Criteria	Vacuum Test
PROJECT NO.: 29005	Start Pressure	35 psi	Vac. Time	15 sec
MATERIAL TYPE: 60 mil HDPE.	Test Time	5 Minutes	Vac. Pres.	5 psi
MATERIAL LAYER: Primary	Accept. Drop	2 Psi		
QC NAME: L. Alston				

Seam Number	Test Date	Tech Initials	Test Type (A or V)	Air Pressure Test		Time		Test Result (P or F)	Test Locations
				psi start	psi finish	Start	End		
227/229	06/19/09	SM	AIR	37	37	1551	1556	PASS	ELOS
228/229	06/19/09	SM	AIR	35	35	1606	1611	PASS	ELOS
228/230	06/19/09	SM	AIR	36	36	1602	1607	PASS	ELOS
229/230	06/19/09	SM	AIR	36	36	1602	1607	PASS	ELOS
229/231	06/19/09	SM	AIR	36	36	1602	1607	PASS	ELOS
230/231	06/19/09	SM	AIR	37	37	1634	1639	PASS	ELOS
230/232	06/19/09	SM	AIR	36	36	1635	1640	PASS	ELOS
231/232	06/19/09	SM	AIR	37	36	1634	1639	PASS	ELOS
232/233	06/19/09	SM	AIR	36	35	1645	1650	PASS	200-ELOS
232/233	06/19/09	SM	AIR	36	35	1647	1652	PASS	0-200
233/234	06/19/09	SM	AIR	36	36	1703	1708	PASS	ELOS
233/235	06/19/09	SM	AIR	36	35	1704	1709	PASS	ELOS
234/235	06/19/09	SM	AIR	35	34	1703	1708	PASS	ELOS
234/236	06/19/09	SM	AIR	37	36	1715	1720	PASS	ELOS
235/236	06/19/09	SM	AIR	35	35	1717	1722	PASS	ELOS
235/237	06/19/09	SM	AIR	35	34	1725	1730	PASS	ELOS
236/237	06/19/09	SM	AIR	36	36	1726	1731	PASS	ELOS
236/283	07/03/09	SM	AIR	35	35	1552	1557	PASS	0-323
236/283	07/03/09	SM	AIR	35	35	1558	1603	PASS	323-ELOS



**GSI
NON-DESTRUCTIVE TESTING FORM**

PROJECT NAME: Sarasota County Phase 2	Test Criteria	AIR TEST	Test Criteria	Vacuum Test
PROJECT NO.: 29005	Start Pressure	35 psi	Vac. Time	15 sec
MATERIAL TYPE: 60 mil HDPE.	Test Time	5 Minutes	Vac. Pres.	5 psi
MATERIAL LAYER: Primary	Accept. Drop	2 Psi		
QC NAME: L. Alston				

Seam Number	Test Date	Tech Initials	Test Type (A or V)	Air Pressure Test		Time		Test Result (P or F)	Test Locations
				psi start	psi finish	Start	End		
237/283	07/03/09	SM	AIR	36	35	1551	1556	PASS	ELOS
238/239	06/23/09	SM	AIR	35	35	1308	1313	PASS	ELOS
238/240	06/23/09	SM	AIR	37	37	1309	1314	PASS	ELOS
238/283	07/03/09	SM	AIR	37	36	1540	1545	PASS	ELOS
239/240	06/23/09	SM	AIR	35	34	1307	1312	PASS	ELOS
239/241	06/23/09	SM	AIR	36	35	1321	1326	PASS	ELOS
240/241	06/23/09	SM	AIR	37	36	1321	1326	PASS	ELOS
240/242	06/23/09	SM	AIR	36	35	1337	1342	PASS	ELOS
241/242	06/23/09	SM	AIR	35	34	1337	1342	PASS	ELOS
241/243	06/23/09	SM	AIR	35	35	1340	1345	PASS	ELOS
242/243	06/23/09	SM	AIR	36	36	1340	1345	PASS	ELOS
243/244	06/23/09	SM	AIR	35	35	1350	1355	PASS	ELOS
244/245	06/23/09	SM	AIR	37	36	1358	1403	PASS	ELOS
244/246	06/23/09	SM	AIR	37	36	1401	1406	PASS	ELOS
245/246	06/23/09	SM	AIR	36	35	1357	1402	PASS	ELOS
245/247	06/23/09	SM	AIR	36	36	1404	1409	PASS	ELOS
246/247	06/23/09	SM	AIR	36	36	1410	1415	PASS	ELOS
246/248	06/23/09	SM	AIR	36	36	1423	1428	PASS	ELOS
247/248	06/23/09	SM	AIR	36	35	1420	1425	PASS	ELOS



**GSI
NON-DESTRUCTIVE TESTING FORM**

PROJECT NAME: Sarasota County Phase 2	Test Criteria	AIR TEST	Test Criteria	Vacuum Test
PROJECT NO.: 29005	Start Pressure	35 psi	Vac. Time	15 sec
MATERIAL TYPE: 60 mil HDPE.	Test Time	5 Minutes	Vac. Pres.	5 psi
MATERIAL LAYER: Primary	Accept. Drop	2 Psi		
QC NAME: L. Alston				

Seam Number	Test Date	Tech Initials	Test Type (A or V)	Air Pressure Test		Time		Test Result (P or F)	Test Locations
				psi start	psi finish	Start	End		
247/249	06/23/09	SM	AIR	36	36	1616	1621	PASS	ELOS
248/249	06/23/09	SM	AIR	35	35	1614	1619	PASS	ELOS
249/250	06/23/09	SM	AIR	36	37	1619	1624	PASS	ELOS
250/251	06/23/09	SM	AIR	35	35	1715	1720	PASS	ELOS
250/252	06/23/09	SM	AIR	35	35	1711	1716	PASS	ELOS
251/252	06/23/09	SM	AIR	35	35	1709	1714	PASS	ELOS
251/253	06/23/09	SM	AIR	36	36	1708	1713	PASS	ELOS
252/253	06/23/09	SM	AIR	36	37	1703	1708	PASS	ELOS
252/254	06/23/09	SM	AIR	36	36	1700	1705	PASS	ELOS
253/254	06/23/09	SM	AIR	36	36	1702	1707	PASS	ELOS
253/255	06/23/09	SM	AIR	35	35	1750	1755	PASS	ELOS
254/255	06/23/09	SM	AIR	36	36	1743	1748	PASS	ELOS
255/256	06/23/09	SM	AIR	37	36	1830	1835	PASS	ELOS
256/257	06/23/09	SM	AIR	35	35	1845	1850	PASS	35-ELOS
256/257	06/23/09	SM	AIR	35	35	1846	1851	PASS	0-35
256/258	06/23/09	SM	AIR	36	36	1834	1839	PASS	ELOS
257/258	06/23/09	SM	AIR	35	35	1835	1840	PASS	ELOS
257/259	06/24/09	SM	AIR	35	35	805	810	PASS	ELOS
258/259	06/24/09	SM	AIR	37	37	751	756	PASS	ELOS



**GSI
NON-DESTRUCTIVE TESTING FORM**

PROJECT NAME: Sarasota County Phase 2	Test Criteria	AIR TEST	Test Criteria	Vacuum Test
PROJECT NO.: 29005	Start Pressure	35 psi	Vac. Time	15 sec
MATERIAL TYPE: 60 mil HDPE.	Test Time	5 Minutes	Vac. Pres.	5 psi
MATERIAL LAYER: Primary	Accept. Drop	2 Psi		
QC NAME: L. Alston				

Seam Number	Test Date	Tech Initials	Test Type (A or V)	Air Pressure Test		Time		Test Result (P or F)	Test Locations
				psi start	psi finish	Start	End		
258/260	06/24/09	SM	AIR	35	35	749	754	PASS	ELOS
259/260	06/24/09	SM	AIR	35	35	750	755	PASS	ELOS
259/261	06/24/09	SM	AIR	36	36	802	807	PASS	0-133
259/261	06/24/09	SM	AIR	36	36	813	818	PASS	133-ELOS
260/261	06/24/09	SM	AIR	35	35	802	807	PASS	ELOS
261/262	06/24/09	SM	AIR	35	35	1103	1108	PASS	ELOS
262/263	06/24/09	SM	AIR	37	36	1105	1110	PASS	ELOS
263/347	07/28/09	SM	AIR	36	35	1312	1317	PASS	37-ELOS
263/347	07/28/09	SM	AIR	36	35	1313	1318	PASS	0-37
264/265	06/25/09	SM	AIR	37	37	750	755	PASS	ELOS
264/266	06/25/09	SM	AIR	38	38	802	807	PASS	0-112
264/266	06/25/09	SM	AIR	36	35	818	823	PASS	112-ELOS
264/347	07/28/09	SM	AIR	35	35	1117	1122	PASS	ELOS
265/266	06/25/09	SM	AIR	37	37	750	755	PASS	ELOS
265/267	06/25/09	SM	AIR	37	37	751	756	PASS	ELOS
265/347	07/28/09	SM	AIR	36	36	1131	1136	PASS	ELOS
266/267	06/25/09	SM	AIR	36	36	752	757	PASS	ELOS
266/268	06/25/09	SM	AIR	36	36	826	831	PASS	ELOS
267/268	06/25/09	SM	AIR	36	35	827	832	PASS	ELOS



**GSI
NON-DESTRUCTIVE TESTING FORM**

PROJECT NAME: Sarasota County Phase 2	Test Criteria	AIR TEST	Test Criteria	Vacuum Test
PROJECT NO.: 29005	Start Pressure	35 psi	Vac. Time	15 sec
MATERIAL TYPE: 60 mil HDPE.	Test Time	5 Minutes	Vac. Pres.	5 psi
MATERIAL LAYER: Primary	Accept. Drop	2 Psi		
QC NAME: L. Alston				

Seam Number	Test Date	Tech Initials	Test Type (A or V)	Air Pressure Test		Time		Test Result (P or F)	Test Locations
				psi start	psi finish	Start	End		
268/269	06/25/09	SM	AIR	35	35	1139	1144	PASS	ELOS
268/270	06/25/09	SM	AIR	35	35	1126	1131	PASS	ELOS
268/271	06/25/09	SM	AIR	36	36	1126	1131	PASS	ELOS
269/270	06/25/09	SM	AIR	37	37	1140	1145	PASS	ELOS
269/274	06/25/09	SM	AIR	35	34	1146	1151	PASS	ELOS
269/275	06/25/09	SM	AIR	37	35	1146	1151	PASS	ELOS
270/271	06/25/09	SM	AIR	35	35	1127	1132	PASS	ELOS
270/273	06/25/09	SM	AIR	35	35	1129	1134	PASS	ELOS
270/274	06/25/09	SM	AIR	36	36	1136	1141	PASS	ELOS
271/272	06/25/09	SM	AIR	35	35	1329	1334	PASS	ELOS
271/273	06/25/09	SM	AIR	36	35	1129	1134	PASS	ELOS
272/273	06/25/09	SM	AIR	35	34	1128	1133	PASS	ELOS
272/276	06/25/09	SM	AIR	35	35	1324	1329	PASS	ELOS
273/274	06/25/09	SM	AIR	35	34	1136	1141	PASS	ELOS
273/276	06/25/09	SM	AIR	37	35	1324	1329	PASS	ELOS
273/277	06/25/09	SM	AIR	36	35	1321	1326	PASS	ELOS
273/278	06/25/09	SM	AIR	36	36	1318	1323	PASS	ELOS
274/275	06/25/09	SM	AIR	36	35	1147	1152	PASS	ELOS
274/279	06/25/09	SM	AIR	36	36	1307	1312	PASS	ELOS



**GSI
NON-DESTRUCTIVE TESTING FORM**

PROJECT NAME: Sarasota County Phase 2	Test Criteria	AIR TEST	Test Criteria	Vacuum Test
PROJECT NO.: 29005	Start Pressure	35 psi	Vac. Time	15 sec
MATERIAL TYPE: 60 mil HDPE.	Test Time	5 Minutes	Vac. Pres.	5 psi
MATERIAL LAYER: Primary	Accept. Drop	2 Psi		
QC NAME: L. Alston				

Seam Number	Test Date	Tech Initials	Test Type (A or V)	Air Pressure Test		Time		Test Result (P or F)	Test Locations
				psi start	psi finish	Start	End		
275/279	06/25/09	SM	AIR	37	37	1307	1312	PASS	ELOS
276/277	06/25/09	SM	AIR	37	37	1321	1326	PASS	ELOS
276/281	06/25/09	SM	AIR	35	34	1334	1339	PASS	ELOS
277/278	06/25/09	SM	AIR	35	34	1318	1323	PASS	ELOS
277/280	06/25/09	SM	AIR	38	36	1334	1339	PASS	ELOS
277/281	06/25/09	SM	AIR	35	35	1312	1317	PASS	ELOS
278/279	06/25/09	SM	AIR	35	35	1312	1317	PASS	ELOS
278/280	06/25/09	SM	AIR	37	36	1343	1348	PASS	ELOS
279/280	06/25/09	SM	AIR	36	35	1342	1347	PASS	ELOS
280/281	06/25/09	SM	AIR	36	36	1333	1338	PASS	ELOS
280/282	06/25/09	SM	AIR	36	35	1335	1340	PASS	0-129
280/282	06/25/09	SM	AIR	37	37	1336	1341	PASS	129-ELOS
281/282	06/25/09	SM	AIR	35	35	1336	1341	PASS	ELOS
282/319	07/20/09	SM	AIR	35	35	1643	1648	PASS	ELOS
284/285	07/11/09	SM	AIR	37	36	1324	1329	PASS	ELOS
284/291	07/11/09	SM	AIR	37	36	1748	1753	PASS	ELOS
285/286	07/11/09	SM	AIR	35	35	1321	1326	PASS	9-ELOS
285/286	07/11/09	SM	AIR	36	35	1322	1327	PASS	0-9
285/292	07/11/09	SM	AIR	35	35	1749	1754	PASS	ELOS



**GSI
NON-DESTRUCTIVE TESTING FORM**

PROJECT NAME: Sarasota County Phase 2	Test Criteria	AIR TEST	Test Criteria	Vacuum Test
PROJECT NO.: 29005	Start Pressure	35 psi	Vac. Time	15 sec
MATERIAL TYPE: 60 mil HDPE.	Test Time	5 Minutes	Vac. Pres.	5 psi
MATERIAL LAYER: Primary	Accept. Drop	2 Psi		
QC NAME: L. Alston				

Seam Number	Test Date	Tech Initials	Test Type (A or V)	Air Pressure Test		Time		Test Result (P or F)	Test Locations
				psi start	psi finish	Start	End		
286/293	07/11/09	SM	AIR	36	35	1752	1757	PASS	ELOS
286/420	08/21/09	SM	A	37	35	836	841	PASS	0-230
286/420	08/21/09	SM	A	37	36	836	841	PASS	230-EOS
286/421	08/21/09	SM	A	36	35	846	851	PASS	ELOS
287/288	07/11/09	SM	AIR	35	35	1349	1354	PASS	ELOS
287/294	07/11/09	SM	AIR	35	34	1810	1815	PASS	ELOS
287/420	08/21/09	SM	A	36	36	816	821	PASS	ELOS
287/421	08/21/09	SM	A	36	35	857	902	PASS	ELOS
288/289	07/11/09	SM	AIR	36	34	1354	1359	PASS	0-197
288/289	07/11/09	SM	AIR	36	35	1355	1400	PASS	197-ELOS
288/295	07/11/09	SM	AIR	36	35	1808	1813	PASS	ELOS
289/290	07/11/09	SM	AIR	35	34	1351	1356	PASS	ELOS
289/296	07/11/09	SM	AIR	36	34	1830	1835	PASS	ELOS
290/297	07/11/09	SM	AIR	35	35	1840	1845	PASS	ELOS
290/298	07/13/09	SM	AIR	37	36	1048	1053	PASS	ELOS
291/292	07/11/09	SM	AIR	36	36	1522	1527	PASS	0-488
291/292	07/21/09	SM	AIR	35	35	1109	1114	PASS	489-ELOS
291/331	07/21/09	SM	AIR	35	35	1103	1108	PASS	ELOS
292/293	07/11/09	SM	AIR	37	36	1543	1548	PASS	0-423



**GSI
NON-DESTRUCTIVE TESTING FORM**

PROJECT NAME: Sarasota County Phase 2	Test Criteria	AIR TEST	Test Criteria	Vacuum Test
PROJECT NO.: 29005	Start Pressure	35 psi	Vac. Time	15 sec
MATERIAL TYPE: 60 mil HDPE.	Test Time	5 Minutes	Vac. Pres.	5 psi
MATERIAL LAYER: Primary	Accept. Drop	2 Psi		
QC NAME: L. Alston				

Seam Number	Test Date	Tech Initials	Test Type (A or V)	Air Pressure Test		Time		Test Result (P or F)	Test Locations
				psi start	psi finish	Start	End		
292/293	07/11/09	SM	AIR	36	36	1543	1548	PASS	423-480
292/293	07/21/09	SM	AIR	35	35	1125	1130	PASS	485-ELOS
292/333	07/21/09	SM	AIR	35	35	1114	1119	PASS	ELOS
292/333 A	07/23/09	MP	Vacuum					Pass	See Repair # 942
293/333 A	07/21/09	SM	AIR	35	34	1125	1130	PASS	ELOS
293/334 A	07/21/09	SM	AIR	35	35	1132	1137	PASS	ELOS
293/421	08/21/09	SM	A	35	35	848	853	PASS	ELOS
293/422	08/21/09	SM	A	35	35	1018	1023	PASS	ELOS
294/295	07/11/09	SM	AIR	35	35	1808	1813	PASS	0-50
294/295	07/11/09	SM	AIR	36	36	1812	1817	PASS	50-490
294/295	07/21/09	SM	AIR	36	35	1350	1355	PASS	490-ELOS
294/335	07/21/09	SM	AIR	35	35	1350	1355	PASS	ELOS
294/421	08/21/09	SM	A	38	37	859	904	PASS	ELOS
294/422	08/24/09	AK	Vacuum					PASS	See Repair # 1142
295/296	07/11/09	SM	AIR	35	35	1818	1823	PASS	0-490
295/296	07/21/09	SM	AIR	36	35	1356	1401	PASS	490-ELOS
295/337	07/21/09	SM	AIR	36	35	1349	1354	PASS	ELOS
296/297	07/11/09	SM	AIR	37	36	1822	1827	PASS	0-490
296/297	07/21/09	SM	AIR	35	35	1403	1408	PASS	490-ELOS



**GSI
NON-DESTRUCTIVE TESTING FORM**

PROJECT NAME: Sarasota County Phase 2	Test Criteria	AIR TEST	Test Criteria	Vacuum Test
PROJECT NO.: 29005	Start Pressure	35 psi	Vac. Time	15 sec
MATERIAL TYPE: 60 mil HDPE.	Test Time	5 Minutes	Vac. Pres.	5 psi
MATERIAL LAYER: Primary	Accept. Drop	2 Psi		
QC NAME: L. Alston				

Seam Number	Test Date	Tech Initials	Test Type (A or V)	Air Pressure Test		Time		Test Result (P or F)	Test Locations
				psi start	psi finish	Start	End		
296/338	07/21/09	SM	AIR	36	35	1357	1362	PASS	ELOS
297/300	07/13/09	SM	AIR	36	35	1056	1104	PASS	0-475
297/300	07/21/09	SM	AIR	35	35	1408	1413	PASS	475-ELOS
297/340	07/21/09	SM	AIR	35	35	1404	1409	PASS	ELOS
298/299	07/13/09	SM	AIR	36	34	1050	1055	PASS	ELOS
298/300	07/13/09	SM	AIR	37	35	1546	1551	PASS	ELOS
299/301	07/13/09	SM	AIR	36	35	1547	1552	PASS	ELOS
299/315	07/14/09	SM	AIR	35	35	1012	1017	PASS	ELOS
300/301	07/13/09	SM	AIR	36	36	1054	1059	PASS	0-470
300/301	07/21/09	SM	AIR	36	36	1523	1528	PASS	470-ELOS
300/342	07/21/09	SM	AIR	35	35	1524	1529	PASS	ELOS
301/316	07/13/09	SM	AIR	35	35	1609	1614	PASS	ELOS
301/317	07/13/09	SM	AIR	36	35	1613	1618	PASS	ELOS
301/318	07/13/09	SM	AIR	35	34	1629	1634	PASS	ELOS
301/343	07/21/09	SM	AIR	35	35	1523	1528	PASS	ELOS
301/344	07/21/09	SM	AIR	35	35	1528	1533	PASS	ELOS
302/303	07/13/09	SM	AIR	36	35	1123	1128	PASS	0-148
302/303	07/13/09	SM	AIR	35	35	1123	1128	PASS	148-ELOS
302/305	07/13/09	SM	AIR	35	34	1125	1130	PASS	ELOS



**GSI
NON-DESTRUCTIVE TESTING FORM**

PROJECT NAME: Sarasota County Phase 2	Test Criteria	AIR TEST	Test Criteria	Vacuum Test
PROJECT NO.: 29005	Start Pressure	35 psi	Vac. Time	15 sec
MATERIAL TYPE: 60 mil HDPE.	Test Time	5 Minutes	Vac. Pres.	5 psi
MATERIAL LAYER: Primary	Accept. Drop	2 Psi		
QC NAME: L. Alston				

Seam Number	Test Date	Tech Initials	Test Type (A or V)	Air Pressure Test		Time		Test Result (P or F)	Test Locations
				psi start	psi finish	Start	End		
302/348	08/07/09	SV	A	35	35	732	737	PASS	ELOS
302/351	08/12/09	SV	A	35	34	914	919	PASS	ELOS
302/352	08/12/09	SV	A	36	35	918	923	PASS	ELOS
302/353	08/12/09	SV	A	36	34	922	927	PASS	ELOS
302/354	08/12/09	SV	A	36	35	930	935	PASS	ELOS
302/355	08/12/09	SV	A	37	36	934	939	PASS	ELOS
302/356	08/12/09	SV	A	35	35	939	944	PASS	ELOS
302/357	08/12/09	SV	A	35	33	951	956	PASS	ELOS
302/358	08/12/09	SV	A	36	35	1037	1042	PASS	ELOS
302/359	08/12/09	SV	A	36	34	1104	1109	PASS	ELOS
302/361	08/12/09	SV	A	38	37	1052	1057	PASS	ELOS
302/366	08/12/09	SV	A	40	39	1115	1120	PASS	ELOS
303/304	07/13/09	SM	AIR	36	36	1128	1133	PASS	ELOS
303/305	07/13/09	SM	AIR	35	35	1126	1131	PASS	ELOS
304/305	07/13/09	SM	AIR	37	36	1127	1132	PASS	ELOS
304/306	07/14/09	SM	AIR	36	36	950	955	PASS	0-75
304/306	07/14/09	SM	AIR	38	36	950	955	PASS	75-ELOS
304/307	07/13/09	SM	AIR	36	36	1301	1306	PASS	ELOS
304/368	08/12/09	SV	A	36	34	1130	1135	PASS	ELOS



**GSI
NON-DESTRUCTIVE TESTING FORM**

PROJECT NAME: Sarasota County Phase 2	Test Criteria	AIR TEST	Test Criteria	Vacuum Test
PROJECT NO.: 29005	Start Pressure	35 psi	Vac. Time	15 sec
MATERIAL TYPE: 60 mil HDPE.	Test Time	5 Minutes	Vac. Pres.	5 psi
MATERIAL LAYER: Primary	Accept. Drop	2 Psi		
QC NAME: L. Alston				

Seam Number	Test Date	Tech Initials	Test Type (A or V)	Air Pressure Test		Time		Test Result (P or F)	Test Locations
				psi start	psi finish	Start	End		
305/367	08/12/09	SV	A	35	35	1120	1125	PASS	ELOS
306/307	07/13/09	SM	AIR	36	35	1301	1306	PASS	ELOS
306/308	07/13/09	SM	AIR	35	35	1316	1321	PASS	ELOS
307/308	07/13/09	SM	AIR	35	35	1316	1321	PASS	ELOS
307/369	08/12/09	SV	A	36	34	1337	1342	PASS	ELOS
308/309	07/13/09	SM	AIR	36	35	1325	1330	PASS	ELOS
308/310	07/13/09	SM	AIR	36	35	1358	1403	PASS	ELOS
308/369	08/13/09	SV	Vacuum					PASS	See Repair #1036
308/370	08/13/09	SV	A	35	34	827	832	PASS	ELOS
309/310	07/13/09	SM	AIR	36	36	1134	1139	PASS	ELOS
309/311	07/13/09	SM	AIR	35	35	1131	1136	PASS	ELOS
309/371	08/13/09	SV	A	38	38	815	820	PASS	ELOS
310/311	07/13/09	SM	AIR	36	35	1357	1402	PASS	ELOS
311/312	07/13/09	SM	AIR	36	35	1411	1416	PASS	0-3
311/312	07/13/09	SM	AIR	35	35	1411	1416	PASS	3-ELOS
311/313	07/13/09	SM	AIR	36	35	1443	1448	PASS	ELOS
312/313	07/13/09	SM	AIR	36	35	1446	1451	PASS	ELOS
312/314	07/13/09	SM	AIR	37	35	1426	1431	PASS	ELOS
312/373	08/13/09	SV	A	35	34	819	824	PASS	ELOS



**GSI
NON-DESTRUCTIVE TESTING FORM**

PROJECT NAME: Sarasota County Phase 2	Test Criteria	AIR TEST	Test Criteria	Vacuum Test
PROJECT NO.: 29005	Start Pressure	35 psi	Vac. Time	15 sec
MATERIAL TYPE: 60 mil HDPE.	Test Time	5 Minutes	Vac. Pres.	5 psi
MATERIAL LAYER: Primary	Accept. Drop	2 Psi		
QC NAME: L. Alston				

Seam Number	Test Date	Tech Initials	Test Type (A or V)	Air Pressure Test		Time		Test Result (P or F)	Test Locations
				psi start	psi finish	Start	End		
312/374	08/13/09	SV	A	35	34	818	823	PASS	ELOS
312/375	08/13/09	SV	A	35	34	818	823	PASS	ELOS
313/372	08/13/09	SV	A	36	36	848	853	PASS	ELOS
313/373	08/13/09	SV	A	36	36	848	853	PASS	ELOS
314/315	07/13/09	SM	AIR	35	35	1525	1530	PASS	0-200
314/315	07/13/09	SM	AIR	36	35	1528	1533	PASS	200-ELOS
314/374	08/13/09	SV	A	37	37	914	919	PASS	ELOS
314/376	08/13/09	SV	A	36	35	918	923	PASS	ELOS
314/377	08/13/09	SV	A	36	35	918	923	PASS	ELOS
315/316	07/13/09	SM	AIR	35	33	1556	1601	PASS	ELOS
315/377	08/13/09	SV	Vacuum					PASS	See Repair #1049
315/378	08/13/09	SV	A	35	34	935	940	PASS	ELOS
315/379	08/11/09	SV	A	35	34	1140	1145	PASS	ELOS
315/380	08/11/09	SV	A	35	34	1140	1145	PASS	ELOS
315/381	08/11/09	SV	A	35	34	1141	1146	PASS	ELOS
315/382	08/11/09	SV	A	35	33	1117	1122	PASS	ELOS
315/383	08/11/09	SV	A	35	33	1117	1122	PASS	ELOS
316/317	07/13/09	SM	AIR	36	35	1613	1618	PASS	ELOS
316/383	08/11/09	SV	A	36	34	1105	1110	PASS	ELOS



**GSI
NON-DESTRUCTIVE TESTING FORM**

PROJECT NAME: Sarasota County Phase 2	Test Criteria	AIR TEST	Test Criteria	Vacuum Test
PROJECT NO.: 29005	Start Pressure	35 psi	Vac. Time	15 sec
MATERIAL TYPE: 60 mil HDPE.	Test Time	5 Minutes	Vac. Pres.	5 psi
MATERIAL LAYER: Primary	Accept. Drop	2 Psi		
QC NAME: L. Alston				

Seam Number	Test Date	Tech Initials	Test Type (A or V)	Air Pressure Test		Time		Test Result (P or F)	Test Locations
				psi start	psi finish	Start	End		
316/384	08/11/09	SV	A	35	34	1049	1054	PASS	ELOS
316/385	08/11/09	SV	A	35	34	1049	1054	PASS	ELOS
316/386	08/11/09	SV	A	35	34	1050	1055	PASS	ELOS
316/387	08/11/09	SV	A	35	34	1050	1055	PASS	ELOS
316/388	08/11/09	SV	A	35	34	1035	1040	PASS	ELOS
317/318	07/13/09	SM	AIR	37	35	1631	1636	PASS	ELOS
317/388	08/11/09	SV	A	35	34	1035	1040	PASS	ELOS
317/389	08/11/09	SV	A	35	34	1034	1039	PASS	ELOS
317/390	08/11/09	SV	A	35	34	1034	1039	PASS	ELOS
317/391	08/11/09	SV	A	35	34	1040	1045	PASS	ELOS
317/392	08/14/09	SV	Vacuum					PASS	See Repair #1070
317/393	08/14/09	SV	Vacuum					PASS	See Repair #1071
318/344	07/21/09	SM	AIR	35	35	1528	1533	PASS	ELOS
318/393	08/14/09	SV	Vacuum					PASS	See Repair #1071
318/394	08/11/09	SV	A	35	34	1536	1541	PASS	ELOS
318/395	08/11/09	SV	A	35	34	1536	1541	PASS	ELOS
318/396	08/11/09	SV	A	35	34	1537	1542	PASS	ELOS
318/397	08/11/09	SV	A	35	34	1537	1542	PASS	ELOS
318/398	08/11/09	SV	A	35	34	1538	1543	PASS	ELOS



**GSI
NON-DESTRUCTIVE TESTING FORM**

PROJECT NAME: Sarasota County Phase 2	Test Criteria	AIR TEST	Test Criteria	Vacuum Test
PROJECT NO.: 29005	Start Pressure	35 psi	Vac. Time	15 sec
MATERIAL TYPE: 60 mil HDPE.	Test Time	5 Minutes	Vac. Pres.	5 psi
MATERIAL LAYER: Primary	Accept. Drop	2 Psi		
QC NAME: L. Alston				

Seam Number	Test Date	Tech Initials	Test Type (A or V)	Air Pressure Test		Time		Test Result (P or F)	Test Locations
				psi start	psi finish	Start	End		
318/399	08/11/09	SV	A	35	34	1544	1549	PASS	ELOS
318/400	08/11/09	SV	A	35	34	1523	1528	PASS	ELOS
318/401	08/11/09	SV	A	35	34	1523	1528	PASS	ELOS
318/402	08/11/09	SV	A	35	34	1524	1529	PASS	ELOS
318/403	08/11/09	SV	A	35	34	1524	1529	PASS	ELOS
318/404	08/11/09	SV	A	37	36	1436	1441	PASS	ELOS
319/320	07/20/09	SM	AIR	36	36	1701	1706	PASS	ELOS
319/321	07/20/09	SM	AIR	35	35	1637	1642	PASS	ELOS
319/322	07/20/09	SM	AIR	36	35	1637	1642	PASS	ELOS
320/321	07/20/09	SM	AIR	35	35	1658	1703	PASS	0-9
320/321	07/20/09	SM	AIR	37	36	1700	1705	PASS	9-ELOS
320/323	07/20/09	SM	AIR	37	36	1659	1704	PASS	ELOS
321/322	07/20/09	SM	AIR	37	37	1637	1642	PASS	ELOS
321/323	07/20/09	SM	AIR	36	36	1640	1645	PASS	ELOS
322/323	07/20/09	SM	AIR	36	35	1639	1644	PASS	ELOS
323/324	07/20/09	SM	AIR	35	35	1718	1723	PASS	ELOS
323/325	07/20/09	SM	AIR	35	35	1713	1718	PASS	ELOS
324/325	07/20/09	SM	AIR	35	35	1714	1719	PASS	ELOS
324/326	07/20/09	SM	AIR	36	35	1750	1755	PASS	ELOS



**GSI
NON-DESTRUCTIVE TESTING FORM**

PROJECT NAME: Sarasota County Phase 2	Test Criteria	AIR TEST	Test Criteria	Vacuum Test
PROJECT NO.: 29005	Start Pressure	35 psi	Vac. Time	15 sec
MATERIAL TYPE: 60 mil HDPE.	Test Time	5 Minutes	Vac. Pres.	5 psi
MATERIAL LAYER: Primary	Accept. Drop	2 Psi		
QC NAME: L. Alston				

Seam Number	Test Date	Tech Initials	Test Type (A or V)	Air Pressure Test		Time		Test Result (P or F)	Test Locations
				psi start	psi finish	Start	End		
325/326	07/20/09	SM	AIR	35	34	1734	1739	PASS	ELOS
325/327	07/20/09	SM	AIR	36	34	1734	1739	PASS	ELOS
326/327	07/20/09	SM	AIR	35	35	1739	1744	PASS	ELOS
326/328	07/20/09	SM	AIR	35	35	1802	1807	PASS	ELOS
327/328	07/20/09	SM	AIR	36	36	1740	1745	PASS	ELOS
328/329	07/21/09	SM	AIR	36	36	818	823	PASS	ELOS
329/330	07/21/09	SM	AIR	36	36	815	820	PASS	ELOS
329/331	07/21/09	SM	AIR	37	37	814	819	PASS	ELOS
330/331	07/21/09	SM	AIR	35	35	814	819	PASS	ELOS
330/332	07/21/09	SM	AIR	35	34	949	954	PASS	ELOS
331/332	07/21/09	SM	AIR	36	36	949	954	PASS	ELOS
331/333	07/21/09	SM	AIR	36	36	929	934	PASS	ELOS
332/333	07/21/09	SM	AIR	35	35	928	933	PASS	ELOS
332/334	07/21/09	SM	AIR	36	36	1030	1035	PASS	ELOS
333 A/334 A	07/23/09	MP	Vacuum					Pass	See Repair # 943
333/333 A	07/21/09	SM	AIR	36	35	1129	1134	PASS	ELOS
333/334	07/21/09	SM	AIR	36	35	1030	1035	PASS	ELOS
333/334 A	07/21/09	SM	AIR	35	35	1129	1134	PASS	ELOS
334 A/442	08/24/09	AK	Vacuum					PASS	See Repair # 1143



**GSI
NON-DESTRUCTIVE TESTING FORM**

PROJECT NAME: Sarasota County Phase 2	Test Criteria	AIR TEST	Test Criteria	Vacuum Test
PROJECT NO.: 29005	Start Pressure	35 psi	Vac. Time	15 sec
MATERIAL TYPE: 60 mil HDPE.	Test Time	5 Minutes	Vac. Pres.	5 psi
MATERIAL LAYER: Primary	Accept. Drop	2 Psi		
QC NAME: L. Alston				

Seam Number	Test Date	Tech Initials	Test Type (A or V)	Air Pressure Test		Time		Test Result (P or F)	Test Locations
				psi start	psi finish	Start	End		
334/334 A	07/21/09	SM	AIR	35	35	1134	1139	PASS	ELOS
334/422	08/21/09	SM	A	35	35	1104	1109	PASS	0-284
334/422	08/23/09	SM	A	35	35	1445	1450	PASS	284-EOS
335/336	07/21/09	SM	AIR	37	35	1429	1434	PASS	ELOS
335/337	07/21/09	SM	AIR	37	36	1349	1354	PASS	ELOS
335/422	08/23/09	SM	A	35	35	1450	1455	PASS	ELOS
335/426	08/23/09	SM	A	37	35	1405	1410	PASS	ELOS
336/337	07/21/09	SM	AIR	35	35	1427	1432	PASS	ELOS
336/338	07/21/09	SM	AIR	36	35	1427	1432	PASS	ELOS
336/427	08/23/09	SM	A	35	33	1405	1410	PASS	ELOS
337/338	07/21/09	SM	AIR	36	36	1438	1443	PASS	ELOS
338/339	07/21/09	SM	AIR	37	35	1419	1424	PASS	ELOS
338/340	07/21/09	SM	AIR	36	35	1403	1408	PASS	ELOS
338/428	08/23/09	SM	A	35	34	1411	1416	PASS	ELOS
339/340	07/21/09	SM	AIR	37	36	1417	1422	PASS	ELOS
339/341	07/21/09	SM	AIR	36	34	1416	1421	PASS	ELOS
339/429	08/23/09	SM	A	35	35	1412	1417	PASS	ELOS
340/341	07/21/09	SM	AIR	36	36	1607	1612	PASS	ELOS
340/342	07/21/09	SM	AIR	35	35	1402	1407	PASS	ELOS



**GSI
NON-DESTRUCTIVE TESTING FORM**

PROJECT NAME: Sarasota County Phase 2	Test Criteria	AIR TEST	Test Criteria	Vacuum Test
PROJECT NO.: 29005	Start Pressure	35 psi	Vac. Time	15 sec
MATERIAL TYPE: 60 mil HDPE.	Test Time	5 Minutes	Vac. Pres.	5 psi
MATERIAL LAYER: Primary	Accept. Drop	2 Psi		
QC NAME: L. Alston				

Seam Number	Test Date	Tech Initials	Test Type (A or V)	Air Pressure Test		Time		Test Result (P or F)	Test Locations
				psi start	psi finish	Start	End		
341/342	07/21/09	SM	AIR	35	35	1553	1558	PASS	ELOS
341/343	07/21/09	SM	AIR	36	36	1553	1558	PASS	ELOS
341/430	08/23/09	SM	A	35	33	1422	1427	PASS	ELOS
342/343	07/21/09	SM	AIR	35	35	1523	1528	PASS	ELOS
343/345	07/21/09	SM	AIR	36	36	1534	1539	PASS	ELOS
343/346	07/21/09	SM	AIR	35	35	1600	1605	PASS	ELOS
343/431	08/23/09	SM	A	36	35	1425	1430	PASS	ELOS
344/345	07/21/09	SM	AIR	35	35	1534	1539	PASS	ELOS
344/405	08/13/09	SV	A	36	35	1425	1430	PASS	ELOS
344/406	08/13/09	SV	A	42	41	1406	1411	PASS	ELOS
345/346	07/21/09	SM	AIR	35	34	1556	1601	PASS	ELOS
345/406	08/13/09	SV	A	36	35	1355	1400	PASS	ELOS
345/407	08/13/09	SV	A	36	35	1400	1405	PASS	ELOS
345/408	08/13/09	SV	A	38	37	1337	1342	PASS	ELOS
345/409	08/13/09	SV	A	38	37	1332	1337	PASS	ELOS
345/410	08/13/09	SV	A	40	38	1325	1330	PASS	ELOS
346/410	08/13/09	SV	A	36	35	1141	1146	PASS	ELOS
346/411	08/13/09	SV	A	36	35	1141	1146	PASS	ELOS
346/412	08/13/09	SV	A	36	34	1119	1124	PASS	ELOS



**GSI
NON-DESTRUCTIVE TESTING FORM**

PROJECT NAME: Sarasota County Phase 2	Test Criteria	AIR TEST	Test Criteria	Vacuum Test
PROJECT NO.: 29005	Start Pressure	35 psi	Vac. Time	15 sec
MATERIAL TYPE: 60 mil HDPE.	Test Time	5 Minutes	Vac. Pres.	5 psi
MATERIAL LAYER: Primary	Accept. Drop	2 Psi		
QC NAME: L. Alston				

Seam Number	Test Date	Tech Initials	Test Type (A or V)	Air Pressure Test		Time		Test Result (P or F)	Test Locations
				psi start	psi finish	Start	End		
346/413	08/13/09	SV	A	35	35	1015	1020	PASS	ELOS
346/414	08/13/09	SV	A	35	35	1016	1021	PASS	ELOS
346/415	08/13/09	SV	A	35	35	1016	1021	PASS	ELOS
346/416	08/13/09	SV	A	36	35	1028	1033	PASS	ELOS
346/417	08/13/09	SV	A	36	35	1041	1046	PASS	ELOS
346/418	08/13/09	SV	A	36	35	1109	1114	PASS	ELOS
346/419	08/13/09	SV	A	38	37	1059	1104	PASS	ELOS
346/423	08/23/09	SM	A	36	36	1434	1439	PASS	ELOS
346/424	08/23/09	SM	Vacuum					PASS	See Repair # 1159
346/425	08/23/09	SM	A	36	35	1430	1435	PASS	ELOS
348/349	08/07/09	SV	A	36	35	733	738	PASS	ELOS
348/350	08/12/09	SV	A	35	34	905	910	PASS	ELOS
349/350	08/12/09	SV	A	35	34	903	908	PASS	ELOS
350/351	08/07/09	SV	A	39	39	730	735	PASS	ELOS
351/352	08/07/09	SV	A	38	38	735	740	PASS	ELOS
352/353	08/07/09	SV	A	45	45	825	830	PASS	ELOS
353/354	08/07/09	SV	A	35	34	749	754	PASS	ELOS
354/355	08/07/09	SV	A	36	36	750	755	PASS	ELOS
355/356	08/07/09	SV	A	38	38	807	812	PASS	ELOS



**GSI
NON-DESTRUCTIVE TESTING FORM**

PROJECT NAME: Sarasota County Phase 2	Test Criteria	AIR TEST	Test Criteria	Vacuum Test
PROJECT NO.: 29005	Start Pressure	35 psi	Vac. Time	15 sec
MATERIAL TYPE: 60 mil HDPE.	Test Time	5 Minutes	Vac. Pres.	5 psi
MATERIAL LAYER: Primary	Accept. Drop	2 Psi		
QC NAME: L. Alston				

Seam Number	Test Date	Tech Initials	Test Type (A or V)	Air Pressure Test		Time		Test Result (P or F)	Test Locations
				psi start	psi finish	Start	End		
356/357	08/07/09	SV	A	43	43	809	814	PASS	ELOS
357/358	08/07/09	SV	A	37	36	832	837	PASS	ELOS
358/359	08/07/09	SV	A	40	40	811	816	PASS	ELOS
359/360	08/12/09	SV	A	35	34	1326	1331	PASS	ELOS
359/361	08/07/09	SV	A	41	39	1413	1418	PASS	ELOS
361/362	08/07/09	SV	A	36	34	1425	1430	PASS	ELOS
362/363	08/12/09	SV	A	41	39	1059	1104	PASS	ELOS
362/364	08/08/09	SV	A	36	36	1051	1056	PASS	ELOS
362/365	08/08/09	SV	A	36	36	1052	1057	PASS	ELOS
363/364	08/12/09	SV	A	35	34	1050	1055	PASS	ELOS
364/365	08/07/09	SV	A	42	40	1426	1431	PASS	ELOS
365/366	08/07/09	SV	A	37	35	1134	1139	PASS	ELOS
366/367	08/07/09	SV	A	35	34	1457	1502	PASS	ELOS
367/368	08/07/09	SV	A	36	35	1438	1443	PASS	ELOS
368/369	08/07/09	SV	A	39	37	1140	1145	PASS	ELOS
369/370	08/07/09	SV	A	40	38	1441	1446	PASS	ELOS
370/371	08/07/09	SV	A	36	35	1510	1515	PASS	ELOS
371/372	08/08/09	SV	A	36	36	750	755	PASS	ELOS
372/373	08/07/09	SV	A	35	34	1513	1518	PASS	ELOS



**GSI
NON-DESTRUCTIVE TESTING FORM**

PROJECT NAME: Sarasota County Phase 2	Test Criteria	AIR TEST	Test Criteria	Vacuum Test
PROJECT NO.: 29005	Start Pressure	35 psi	Vac. Time	15 sec
MATERIAL TYPE: 60 mil HDPE.	Test Time	5 Minutes	Vac. Pres.	5 psi
MATERIAL LAYER: Primary	Accept. Drop	2 Psi		
QC NAME: L. Alston				

Seam Number	Test Date	Tech Initials	Test Type (A or V)	Air Pressure Test		Time		Test Result (P or F)	Test Locations
				psi start	psi finish	Start	End		
373/374	08/08/09	SV	A	36	36	815	820	PASS	ELOS
373/375	08/08/09	SV	A	35	35	1522	1527	PASS	ELOS
374/375	08/08/09	SV	A	36	35	753	758	PASS	ELOS
374/376	08/08/09	SV	A	35	35	755	800	PASS	ELOS
376/377	08/08/09	SV	A	35	34	805	810	PASS	ELOS
377/378	08/08/09	SV	A	36	36	807	812	PASS	ELOS
378/379	08/10/09	SV	A	36	35	1116	1121	PASS	ELOS
378/380	08/13/09	SV	A	36	36	715	720	PASS	ELOS
379/380	08/10/09	SV	A	37	35	1109	1114	PASS	ELOS
380/381	08/10/09	SV	A	35	34	1108	1113	PASS	ELOS
381/382	08/10/09	SV	A	35	33	1058	1103	PASS	ELOS
382/383	08/10/09	SV	A	35	34	1056	1101	PASS	ELOS
383/384	08/10/09	SV	A	35	33	1047	1052	PASS	ELOS
384/385	08/10/09	SV	A	35	34	1045	1050	PASS	ELOS
385/386	08/10/09	SV	A	35	33	1129	1134	PASS	ELOS
386/387	08/10/09	SV	A	36	35	1034	1039	PASS	ELOS
387/388	08/10/09	SV	A	35	33	1140	1145	PASS	ELOS
388/389	08/10/09	SV	A	35	34	1013	1018	PASS	ELOS
389/390	08/10/09	SV	A	35	34	1012	1017	PASS	ELOS



**GSI
NON-DESTRUCTIVE TESTING FORM**

PROJECT NAME: Sarasota County Phase 2	Test Criteria	AIR TEST	Test Criteria	Vacuum Test
PROJECT NO.: 29005	Start Pressure	35 psi	Vac. Time	15 sec
MATERIAL TYPE: 60 mil HDPE.	Test Time	5 Minutes	Vac. Pres.	5 psi
MATERIAL LAYER: Primary	Accept. Drop	2 Psi		
QC NAME: L. Alston				

Seam Number	Test Date	Tech Initials	Test Type (A or V)	Air Pressure Test		Time		Test Result (P or F)	Test Locations
				psi start	psi finish	Start	End		
390/391	08/10/09	SV	A	36	35	1011	1016	PASS	ELOS
391/392	08/10/09	SV	A	36	34	959	1004	PASS	ELOS
392/393	08/10/09	SV	A	35	34	958	1003	PASS	ELOS
393/394	08/10/09	SV	A	37	36	957	1002	PASS	ELOS
394/395	08/10/09	SV	A	36	35	956	1001	PASS	ELOS
395/396	08/10/09	SV	A	35	34	944	949	PASS	ELOS
396/397	08/10/09	SV	A	35	34	945	950	PASS	ELOS
397/398	08/10/09	SV	A	35	34	946	951	PASS	ELOS
398/399	08/10/09	SV	A	36	36	947	952	PASS	ELOS
399/400	08/11/09	SV	A	35	34	756	801	PASS	ELOS
400/401	08/11/09	SV	A	35	34	745	750	PASS	ELOS
401/402	08/11/09	SV	A	35	33	808	813	PASS	ELOS
402/403	08/11/09	SV	A	35	33	805	810	PASS	ELOS
403/404	08/11/09	SV	A	35	35	813	818	PASS	ELOS
404/405	08/11/09	SV	A	35	34	849	854	PASS	ELOS
405/406	08/11/09	SV	A	35	35	829	834	PASS	ELOS
406/407	08/11/09	SV	A	35	35	858	903	PASS	ELOS
407/408	08/11/09	SV	A	35	35	907	912	PASS	ELOS
408/409	08/11/09	SV	A	35	34	914	919	PASS	ELOS



**GSI
NON-DESTRUCTIVE TESTING FORM**

PROJECT NAME: Sarasota County Phase 2	Test Criteria	AIR TEST	Test Criteria	Vacuum Test
PROJECT NO.: 29005	Start Pressure	35 psi	Vac. Time	15 sec
MATERIAL TYPE: 60 mil HDPE.	Test Time	5 Minutes	Vac. Pres.	5 psi
MATERIAL LAYER: Primary	Accept. Drop	2 Psi		
QC NAME: L. Alston				

Seam Number	Test Date	Tech Initials	Test Type (A or V)	Air Pressure Test		Time		Test Result (P or F)	Test Locations
				psi start	psi finish	Start	End		
409/410	08/10/09	SV	A	35	33	1709	1714	PASS	ELOS
410/411	08/10/09	SV	A	35	34	1707	1712	PASS	ELOS
411/412	08/10/09	SV	A	36	35	1659	1704	PASS	ELOS
412/413	08/10/09	SV	A	35	33	1658	1703	PASS	ELOS
413/414	08/10/09	SV	A	35	33	1651	1656	PASS	ELOS
414/415	08/10/09	SV	A	35	33	1649	1654	PASS	ELOS
415/416	08/10/09	SV	A	36	34	1641	1646	PASS	ELOS
416/417	08/10/09	SV	A	36	35	1639	1644	PASS	ELOS
417/418	08/10/09	SV	A	35	34	1634	1639	PASS	ELOS
418/419	08/10/09	SV	A	35	34	1630	1635	PASS	ELOS
419/423	08/23/09	SM	A	36	35	1056	1101	PASS	ELOS
420/421	08/21/09	SM	A	36	35	814	819	PASS	ELOS
421/422	08/23/09	SM	A	35	34	1700	1705	PASS	ELOS
422/426	08/23/09	SM	A	35	34	1135	1140	PASS	0-13
422/426	08/23/09	SM	A	35	34	1135	1140	PASS	13-EOS
423/424	08/23/09	SM	A	36	35	1057	1102	PASS	ELOS
424/425	08/23/09	SM	A	37	36	1335	1340	PASS	ELOS
424/434	08/23/09	SM	A	35	34	1055	1100	PASS	ELOS
425/431	08/23/09	SM	Vacuum					PASS	See Repair # 1158



GSI
NON-DESTRUCTIVE TESTING FORM

PROJECT NAME: Sarasota County Phase 2	Test Criteria	AIR TEST	Test Criteria	Vacuum Test
PROJECT NO.: 29005	Start Pressure	35 psi	Vac. Time	15 sec
MATERIAL TYPE: 60 mil HDPE.	Test Time	5 Minutes	Vac. Pres.	5 psi
MATERIAL LAYER: Primary	Accept. Drop	2 Psi		
QC NAME: L. Alston				

Seam Number	Test Date	Tech Initials	Test Type (A or V)	Air Pressure Test		Time		Test Result (P or F)	Test Locations
				psi start	psi finish	Start	End		
425/432	08/23/09	SM	A	37	37	1335	1340	PASS	ELOS
426/427	08/23/09	SM	A	35	35	950	955	PASS	ELOS
427/428	08/23/09	SM	A	35	34	952	957	PASS	ELOS
428/429	08/23/09	SM	A	37	35	954	959	PASS	ELOS
429/430	08/23/09	SM	A	36	34	955	100	PASS	ELOS
430/431	08/23/09	SM	A	35	35	1040	1045	PASS	ELOS
431/432	08/23/09	SM	A	35	35	1044	1049	PASS	ELOS
432/433	08/23/09	SM	A	35	35	1120	1125	PASS	ELOS
432/434	08/23/09	SM	A	35	34	1330	1335	PASS	ELOS
433/434	08/23/09	SM	A	35	34	1119	1124	PASS	ELOS