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SCS ENGINEERS

August 12, 2011 File No. 09207049.04

Mr. Steven G. Morgan
Solid Waste Section
Florida Department of Environmental Protection
Southwest District
13051 North Telecom Parkway
Temple Terrace, Florida 33637

Subject:

Response to RAI No. 2

Citrus County Central Class I Landfill

7-Acre Re-Closure Construction Certification Permit No. 21375-014-SF/01, Citrus County

WACS No.: SWD/09/39859

Dear Mr. Morgan:

On behalf of Citrus County (County), SCS Engineers (SCS) submits the following responses to your request for additional information, in a letter directed to Mr. Casey Stephens, dated March 23, 2011. For ease of review, the Department's comments are restated in **bold print**, followed by our response in normal print.

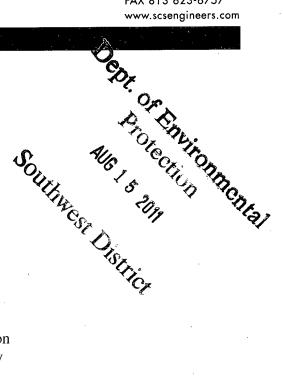
REPORT OF CONSTRUCTION

Summary of Construction:

Vertical Gas Vents: Rule 62-701.530(1) (a)3., F.A.C. specifies that "Collection pipes, pathways, or vents shall (be designed to) collect gas from the upper two-thirds of the filled waste or where the most anaerobic conditions exist". Based on a review of the gas vent depths reported on the Vent Schedule on Sheet 10 of 27 of the Record Drawings, gas vents GV-2, GV-3, and GV-6 do not appear to meet this criterion.

a. The February 9, 2011 response letter refers to the shortening of the three gas vents (GV-2, GV-3, and GV-6) "by approximately 7 ft each". The Vent Schedule indicates that these vents were shortened by 14 ft, 14 ft, and 19 ft respectively. Please verify and explain this discrepancy.

Response: Gas vents GV-2 and GV-3 and GV-6 were all drilled to 35 feet as indicated on the well logs submitted with the original Report of Construction dated August 31, 2010. All the gas vents were originally designed to be 50 feet deep with 49 feet of perorated and solid pipe below grade. Of the pipe below grade 19 feet was



designed to be solid and 30 feet to be perforated.

Once construction commenced the actual ground elevations at the vent locations were surveyed and elevations were lower than expected. i.e. Vent GV-1 design ground elevation = 129 feet, actual ground elevation = 125 feet. It was also decided during construction to drill the wells 15 feet less than the estimated depth of waste instead of the originally designed 10 feet to assure no encounters with the bottom liner system since the settlement had been so significant and the bottom liner elevation data was very old. This resulted in new design boring depths for all of the wells. The wells in question had new design depths of 42 feet for GV-2, 41 feet for GV-3 and 43 feet for GV-6. The statement made in the February 9, 2011 response was stating that the 35 feet drill depth achieved was approximately 7 feet less than the new design depths determined during construction. Actually 7 ft, 6 ft and 7 ft for vents GV-2, GV-3 and GV-6 respectively. The vent schedule with that submittal on sheet 10 of 27 indicated the actual depth of refuse and actual boring depths, however this drawings did have three inaccurate values, which were the boring depth of GV-3, which should be 35 feet instead of 41 feet, the slotted pipe length of GV-6, which should be 15 feet instead of 11 feet and the slotted pipe length of GV-2, which should be 15 feet instead of 16 feet. Attachment 1 contains a new Sheet 10 with the corrections noted. And Attachment 2 contains corrected drilling logs for vents GV-2 and GV-6.

The 14 ft., 14 ft. and 19 ft. referred to in this request are the lengths by which the slotted pipe was shortened from the original design not considering the new revised design depths. Considering the new design depths the slotted pipe lengths were shortened by 7 feet for GV-1, 0 ft for GV-3 (solid pipe shortened by 6 feet) and 6 feet for GV-6.

b. The revised narrative in this section addressing the shortening of all the gas vents and boreholes states, "the fact that they have slightly shortened perforated pipes lengths will not prohibit these vents from performing their intended task of releaving and venting rising pressure before it reaches the newly installed cap". Please provide the supporting information, gas generation data, calculations, and assumptions relied upon in support of this conclusion.

Response: This closed portion of the landfill stopped accepting waste in 1990, therefore the waste in the newly enclosed cell is at least 20 years old and is no longer producing large quantities of landfill gas that would have to be collected at a specific depth within the waste. Attachment 2 contains a LandGEM 3.02 LFG Generation Projection model for the 7-Acre closed portion of the Citrus County Central landfill, which indicates that the total Landfill gas flow expected from the waste mass is approximately 159 standard cubic feet per minute (scfm) for 2011 dropping to only 75 scfm in 2013. Since the landfill is producing this small amount of gas the vents simply must provide a pathway for the gas to vent to the atmosphere without building up pressure underneath the now air tight liner system, which the installed vents and modified

LCRS vent are doing adequately. The system construction was completed on July 6, 2010 and has been in place and operational now for over 1 year with no issues with gas buildup under the liner (bubbles, earth cracking), therefore further indicating that the revised gas vents are sufficient in depth and pipe quantities to vent the gas from within the landfill.

c. It appears that, except for gas vent GV-3, the shortening of all the gas vents was done entirely in the perforated pipe section of the vents. The revised narrative in this section indicates that the solid pipe lengths in the vents were not shortened in case the vents were required to be converted to active gas extraction wells in the future. Since no additional waste is proposed to be disposed in the 7-Acre Cell, it is not clear how an active extraction system would be necessary in the future. Please re-evaluate your justification for shortening the perforated pipe sections rather than the solid pipe sections based on the information provided in response to Comment #1.b. above.

Response: The perforated pipe sections were shortened due to the design depths of the wells being shortened as described in response 1.a. above. The further justification for not shortening the solid pipe sections in case of conversion to an active gas system is valid (although not likely) as that would be the design criteria for an active gas system. An active gas system would not likely be necessary as indicated in your request above unless there were to be significant changes in the compliance legislation, however if the County were able to find some use for this small amount of gas or there ever became a beneficial energy use for the gas an active gas system could voluntarily be installed and would function better with the minimum solid pipe requirements included in this construction. The fact that the perforated pipes are shorter will not affect the system's ability to vent gas. Should gas encapsulation under the liner become a problem it would be addressed by the County immediately, however that is not the case as the vents, as they are installed, are performing the required function in collecting gas from within the waste mass and venting it to the atmosphere.

2. Leachate Riser Modifications

Gas Vent on Leachate Risers: This section indicates that, instead of installing replacements of existing passive gas flares on the leachate risers, passive vents were installed on the leachate risers. In support of this construction modification, the February 9, 2011 response indicates that the existing flares had not operated over the past 3-5 years and states, "The proposed conditions would therefore be the same as the existing conditions in that regard, thus there would be no significant environmental impacts therefore no modification was requested at the time of the change."

a. The information provided as part of the 7-Acre landfill re-closure permit application indicated that the existing passive gas flares would be replaced rather than reinstalled. The stated non-operational condition of the existing passive gas

flares appears to provide supporting justification why the flares should have been replaced rather than support why the flares were not replaced. As confirmed in the February 9, 2011 response, a permit modification was not applied for and issued by the Department for this construction modification and this construction modification was not otherwise approved by the Department in accordance with Specific Condition #A.3.a. of Permit No. 21375-014- SF/0l. This comment is provided for informational purpose only and does not necessarily require a response other than acknowledgement of the comment.

Response: Comment Acknowledged.

b. The supporting justification neither addresses or considers resulting environmental impacts caused by the non-operational passive gas flares during the 3-5 years period nor provides supporting justification why allowing the proposed conditions (i.e., environmental impacts) to be the same as the existing conditions is an acceptable alternative. Please address these issues and provide supporting justification for not replacing the passive gas flares, as previously permitted.

Response: Please review comments to 1.a and 1.b above. It is understood that the purpose of the installed gas venting system in a landfill that has not accepted waste for over 20 years is to remove the small amount of gases generated from within the landfill and safely vent these gases to the atmosphere since the landfill is now properly sealed with a new geomembrane cap. The conditions prior to the construction were that gas vented to the atmosphere though passive vents that penetrated a non encapsulating cap. The system installed performs this function without the need for the gas flares, which require additional maintenance and cost to the County. SCS and The County acknowledge comment 2.a and will notify FDEP should changes in design occur during future construction and rather than waiting until the construction Certification report to inform FDEP of the field engineering changes.

c. Department records do not appear to indicate that the Department was previously notified of the non-operational passive gas flares, as required by Specific Condition #C.6.b. of the facility operation permit, which includes long-term care of the closed 7-Acre landfill. Please verify whether the Department was previously notified of this non-operational landfill system and provide a copy of such notification, as applicable.

Response: Records of a notification were not located.

Appendix B - As-Built Record Drawings - SCS Engineering Record Drawings:

3. Sheet 10 of 27:

a. <u>Vent Schedule:</u> The reported slotted pipe length of 11 ft. for gas vent GV-6 appears inconsistent with the boring log on the vent construction log for GV-6 in Appendix C, which appears to indicate that the slotted pipe is installed approximately from 19 ft to 34 ft below ground surface. Please verify and revise this sheet and/or the vent construction log, as appropriate.

Response: Attachment 1 contains a new Sheet 10 in which the correct well depths, solid and slotted pipe lengths are given and noted. Attachment 3 contains a revised boring log for GV-6 in which the 11 feet of slotted pipe has been increased to 15 to indicate the appropriate amount of installed pipe.

Appendix B-2 - Revised Panel Layout Drawing

Please provide a revised panel layout drawing that addresses the following comments, where appropriate.

4. The revised panel layout drawing appears to show the panel previously identified as Panel P63A as Panel P72 and does not appear to show Panel P63A elsewhere on the panel layout. However the Geomembrane Seaming Log in Appendix E-4 identifies an installed seam between Panel P63A and Panel P72, the Non-Destructive Test Log in Appendix E-6 identifies non-destructive testing of the seam between Panel P63A and Panel P72, and Repair #R-199 in the Repair Log in Appendix E-7 is reported at the intersection of these two panels and Panel P73. Please verify and revise the panel layout drawing to identify the location of these two panels, as appropriate.

<u>Response:</u> Attachment 4 Contains a corrected Panel layout drawing that correctly identifies Panels P63A, P72, P73 and the correct location of Repair #199.

5. Based on the revision of the panel layout drawing in response to Comment #4 above, please revise the locations of the repairs shown on Panels 63A and 72 to be consistent with the locations identified in the Repair Log in Appendix E-5, as appropriate.

Response: Attachment 4 Contains a corrected Panel layout drawing that correctly identifies the locations of all geomembrane repairs including those on panels 63A and 72, which now agree with the geomembrane repair logs (Original Appendix E-5), which are included in Attachment 5.

6. The February 9, 2011 response letter indicates that the location of the destructive test samples in Appendix E-7 can be found by referencing the sample number in Appendix E-7 to the defect code in the geomembrane repair log in Appendix E-5.

a. Destructive tests DS-28 and DS-30 do not appear to be identified in the defect codes in the repair log in Appendix E-5. Please verify and revise the repair log and the panel layout drawing to identify the location of these destructive tests, as appropriate.

Response: Attachment 4 Contains an updated Panel layout drawing that identifies the locations of all Destructive test locations with the corresponding repair number. DS-28 is located at repair R150 and DS-30 is located at Repair R202. The repairs were previously indicated in the comments column of Appendix E-5 rather than in the defect code column as indicated.

b. Destructive tests DS-18A and DS 18B are identified on the Seam P51/P54 in the destructive test log in Appendix E-7, but are associated with Repair #247 on Seam P51/P53 in the repair log in Appendix E-5. Please verify and revise these logs and the panel layout drawing as applicable.

Response: Attachment 4 Contains a corrected Panel layout drawing that correctly identifies the locations of all geomembrane repairs including the original destructive test repair DS-18 which was in the location of repair R163. This repair was on the seam between panels P51 and P53 as indicated in the repair log. Following the test failure a second repair was made over this location which was R247 again on the seam between panels P51 and P53. Attachment 5 includes revised repair and destructive test logs that now correctly identifies the location of the repair (DS-18A & DS-18B) on seam between P51 and 53.

- c. Please verify the location of the following repairs on the panel layout drawing and revise the drawing and/or the Geomembrane Repair log in Appendix E-5, as appropriate based on the following apparent inconsistencies:
 - 1) Repair #R42 is reported on Seam P19/31 in the repair log and shown on Seam P18/19 on the panel layout.

Response: Attachment 4 Contains an updated Panel layout drawing that identifies the correct location of repair R42 on seam between panels P19 and P31 as indicated in the repair log.

2) Repair #R128 is reported on Seam P45/42 in the repair log and shown on Seam P45/43 on the panel layout.

Response: Attachment 4 Contains an updated Panel layout drawing that identifies the correct location of repair R128 on seam between panels P19 and P31 as indicated in the repair log.

3) Repair #R199 is reported on Seam P72/63A/73 in the repair log and shown

on Seam P72/73/61 on the panel layout.

Response: Attachment 4 Contains an updated Panel layout drawing that identifies the correct location of repair R199 on seam at intersection of Panels 72, 63A and 73 as indicated in the repair log.

4) Repair #R201 is reported on Seam P63A/61 in the repair log and appears to be shown on Seam 72A only on the panel layout.

Response: Attachment 4 Contains an updated Panel layout drawing that identifies the correct location of repair R201 which is located at the boot to GV-1 within Panel 63A rather than on the seam between panels 63A and 61 as indicated in the repair log. Attachment 5 includes revised repair log that now correctly identifies the location of R201.

5) Repair #R207 is reported on Seam P62/61 in the repair log and appears to be shown on Seam 62 only on the panel layout.

Response: Attachment 4 Contains an updated Panel layout Drawing that identifies the correct location of repair R207 which is located at the boot to GV-3 within Panel 62 rather than on the seam between panels 62 and 61 as indicated in the previous repair log. Attachment 5 includes revised repair log that now correctly identifies the location of R207

6) Repair #R208 is reported on Seam P62/61 in the repair log and appears to be shown on Seam 63 only on the panel layout.

Response: Attachment 4 Contains an updated Panel layout Drawing that identifies the correct location of repair R208 which is located at a boot on a penetration within Panel 62 rather than on the seam between panels 62 and 61 as indicated in the previous repair log. Attachment 5 includes revised repair log that now correctly identifies the location of R208

7) Repair #R219 is reported on Seam P63A/66/72 in the repair log and shown on Seam P72/66 on the panel layout.

Response: Attachment 4 Contains an updated Panel layout drawing that identifies the correct location of repair R219 which is located at the intersection of Panels 66, 63A and 72 as indicated in the repair log.

8) Repair #R239 is reported on Seam P74/75 in the repair log and shown on Seam P69/75 on the panel layout.

Response: Attachment 4 Contains an updated Panel layout drawing that

identifies the correct location of repair R239 which is located on the seam between panels 74 and 75 as indicated in the repair log. The panel is very narrow at this location so the location has been called out on the drawing as being located on the correct seam.

Attachment 3A - Existing Liner Repair Locations

7. The existing liner Repair Numbers and locations on the figure provided in Attachment 3A are not legible. Please provide a revised figure of sufficient size and scale to allow identification of the repair designations on the figure.

Response: Attachment 6 Contains a revised Existing liner repair drawing more clearly indicating the location of the Repairs. The Existing repair log submitted as Attachment A-3 of the February 9, response does correctly indicate the northing and easting of the repairs as well.

8. Repair RR-l and RR-2 are shown on the bottom liner in the interior of the landfill (i.e., beneath the existing waste). Please verify the location of these repairs reported in the log and revise the figure and/or the location of the repairs reported in the repair log, as appropriate.

Response: The points RRR-1 and RRR-2 indicated on the interior of the liner are not repair locations and have been deleted from the drawing in Attachment 6. They were reference points used for internal purposes only.

Charles E. Hill J

C. Ed Hilton, Jr. P.E. 18/

Vice President

SCS ENGINEERS

Attached are two copies of our responses and requested information. Please do not hesitate to contact us if you need anything further.

Sincerely,

Daniel R. Cooper, P.E.

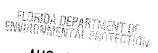
Project Manager

SCS ENGINEERS

DRC/CEH:drc

cc: Susan Pelz, P.E., FDEP, Tampa

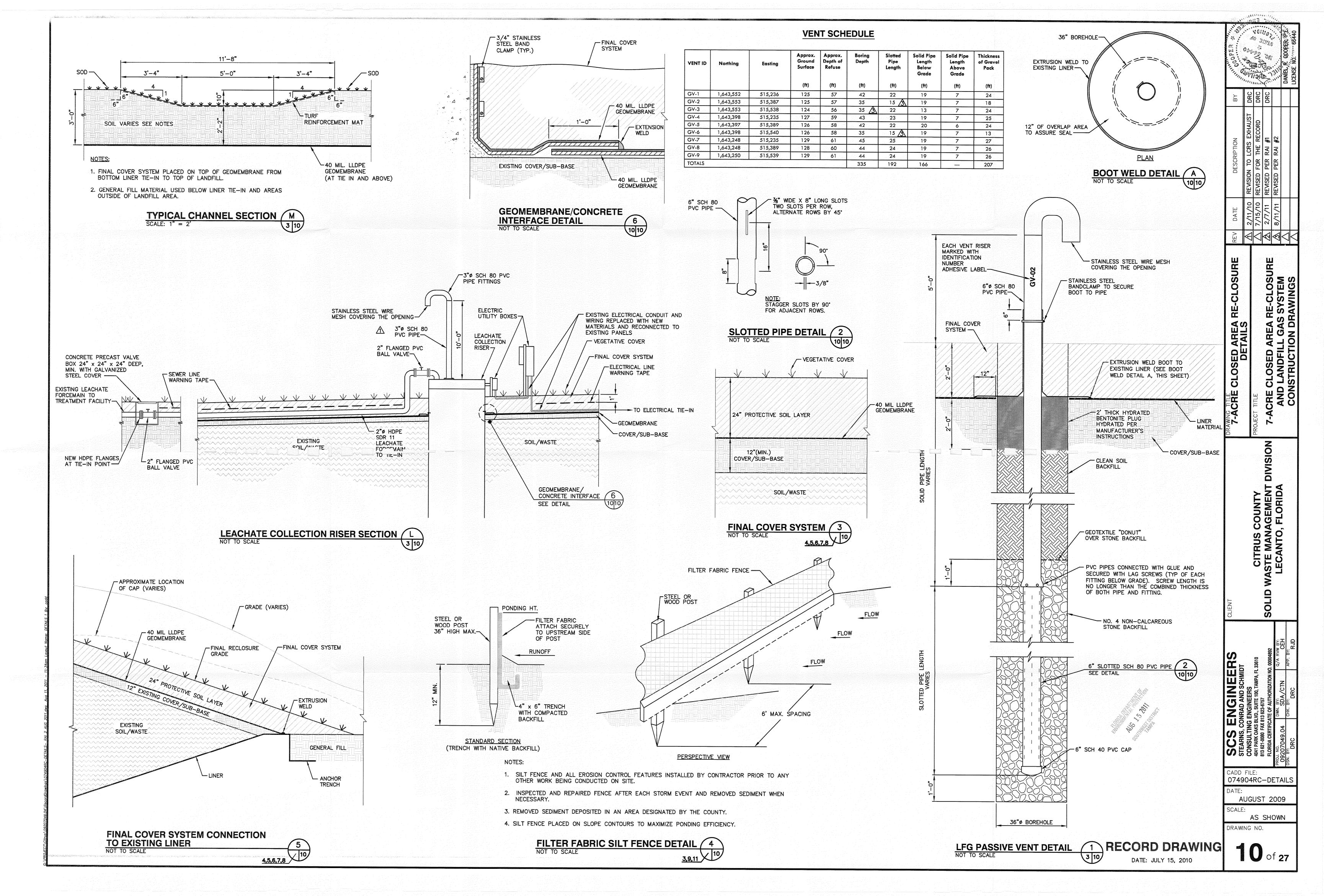
Casey Stephens, Citrus County



AUG 15 2011

SOUTHWEST DISTRICT TAMPA

ATTACHMENT 1 REVISED RECORD DRAWINGS SHEET 10 OF 27





ATTACHMENT 2

LANDGEM 3.02 LFG GENERATION PROJECTION 7- ACRE CLOSED LANDFILL AREA

ATTACHMENT 1 - LFG GENERATION PROJECTION, CLOSED AREA Citrus County Central Landfill-Lecanto, Florida

Year	Disposal <u>Rate</u> (tons/yr)	Refuse <u>In-Place</u> (tons)	Disposal <u>Rate</u> (Mg/yr)	Refuse In-Place (Mg)	(scfm)	LFG Gener (m³/min)	ation (Million ft ³ /yr)	Rates		
1975	25,329	0	22,978	0	0	0.0	0.000	0.0	0.0	
1976	25,329	25,329	22,978	22,978	30	0.8	15.718	0.1	0.	
1977	25,329	50,658	22,978	45,956	58	1.7	30.670	0.22	0.20	
1978	25,329	75,987	22,978	68,934	85	2.4	44.893	0.32	0.29	
1979	25,329	101,316	22,978	91,912	111	3.1	58.422	0.41	0.3	
1980	25,329	126,645	22,978	114,890	136	3.8	71.291	0.50	0.45	
1981	25,329	151,974	22,978	137,868	159	4.5	83.532	0.59	0.53	
1982	25,329	177,303	22,978	160,847	181	5.1	95.177	0.67	0.6	
1983	25,329	202,632	22,978	183,825	202	5.7	106.253	0.75	0.68	
1984	25,329	227,961	22,978	206,803	222	6.3	116.790	0.82	0.74	
1985	25,329	253,290	22,978	229,781	241	6.8	126.812	0.89	0.81	
1986	25,329	278,619	22,978	252,759	259	7.3	136.346	0.96	0.87	
1987	25,329	303,948	22,978	275,737	277	7.8		1.02	0.93	
1988	25,329	329,277	22,978	298,715	293	8.3	154.041	1.08	0.98	
1989	64,338	354,606	58,366	321,693	309	8.7	162.247	1.14	1.03	
1990	68,019	418,944	61,706	380,060	370	10.5	194.260	1.36	1.24	
1991	0	486,963	0	441,765	432	12.2	226.996	1.59	1.45	
1992	0	486,963	. 0	441,765	411	11.6		1.52	1.38	
1993	0	486,963	0	441,765	391	11.1	205.395	1.44	1.31	
1994	0	486,963	0	441,765	372	10.5	195.378	1.37	1.24	
1995	0	486,963	0	441,765	354	10.0	185.849	1.31	1.18	
1996	0	486,963	0	441,765	336	9.5	176.785	1.24	1.13	
1997	0	486,963	0	441,765	320	9.1	168.163	1.18	1.07	
1998	0	486,963	0	441,765	304	8.6	159.962	1.12	1.02	
1999	0	486,963	0	441,765	289	8.2	152.160	1.07	0.97	
2000	0	486,963	0	441,765	275	7.8	144.739	1.02	0.92	
2001	0	486,963	0	441,765	262	7.4	137.680	0.97	0.88	
2002	0	486,963	0	441,765	249	7.1	130.966	0.92	0.83	
2003	0	486,963	0	441,765	237	6.7	124.578	0.88	0,79	
2004	0	486,963	0	441,765	225	6.4	118.503	0.83	0.76	
2005	0	486,963	0	441,765	214	6.1	112.723	0.79	0.72	
2006	0	486,963	0	441,765	204	5.8	107.226	0.75	0.68	
2007	0	486,963	0	441,765	194	5.5	101.996	0.72	0.65	
2008	0	486,963	0	441,765	185	5.2	97.022	0.68	0.62	
2009	0	486,963	0	441,765	176	5.0	92.290	0.65	0.59	
2010	0	486,963	0	441,765	167	4.7	87.789	0.62	0.56	
2011	0	486,963	0	441,765	159	4.5	83.51	0.59	0.53	
2012	0	486,963	0	441,765	151	4.3		0.56		
2013	0	486,963	0	441,765	75	2.1	39.45	0.28	0.25	
2014	0	486,963	0	441,765	71	2.0		0.26 0.25	0.24 0.23	
2015	0	486,963	0	441,765	68	1.9		0.23	0.23	
2016	0	486,963	0	441,765	65	1.8	33.93	0.24		
2017	0	486,963	0	441,765	61 58	1.7	31	0.2	0.2	
2018	0	486,963	0	441,765		1.7		0.2	0.2	
2019	0	486,963	0	441,765	56	1.6				
2020 2021	0	486,963 486,963	0	441,765 441,765	53 50	1.5 1.4	28 26	0.2	0.2 0.2	

Methane Content of LFG Adjusted to: Selected Decay Rate Constant (k): Selected Ultimate Methane Recovery Rate (Lo):

NMOC Concentration in LFG:

43% 0.050

 $170 \text{ m}^3/\text{Mg} = 5,446 \text{ cu ft/ton}$

73 ppmv as Hexane



ATTACHMENT 3
REVISED BORING LOGS

SCS Engineers

Site Name: Citrus County			W	ell Number:	GV-02	
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Inspector: Jim Burzenski	P				6" Sch. 80 PVC	· · · · · · · · · · · · · · · · · · ·
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Driller putting water in hole trying To make soil easier To lift 60	———·	, 🏢	A ?		BENTONITE #1 BACKFILL	. 1'
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•	3	"			BACKFILL	15'+1"
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SCS Engineers

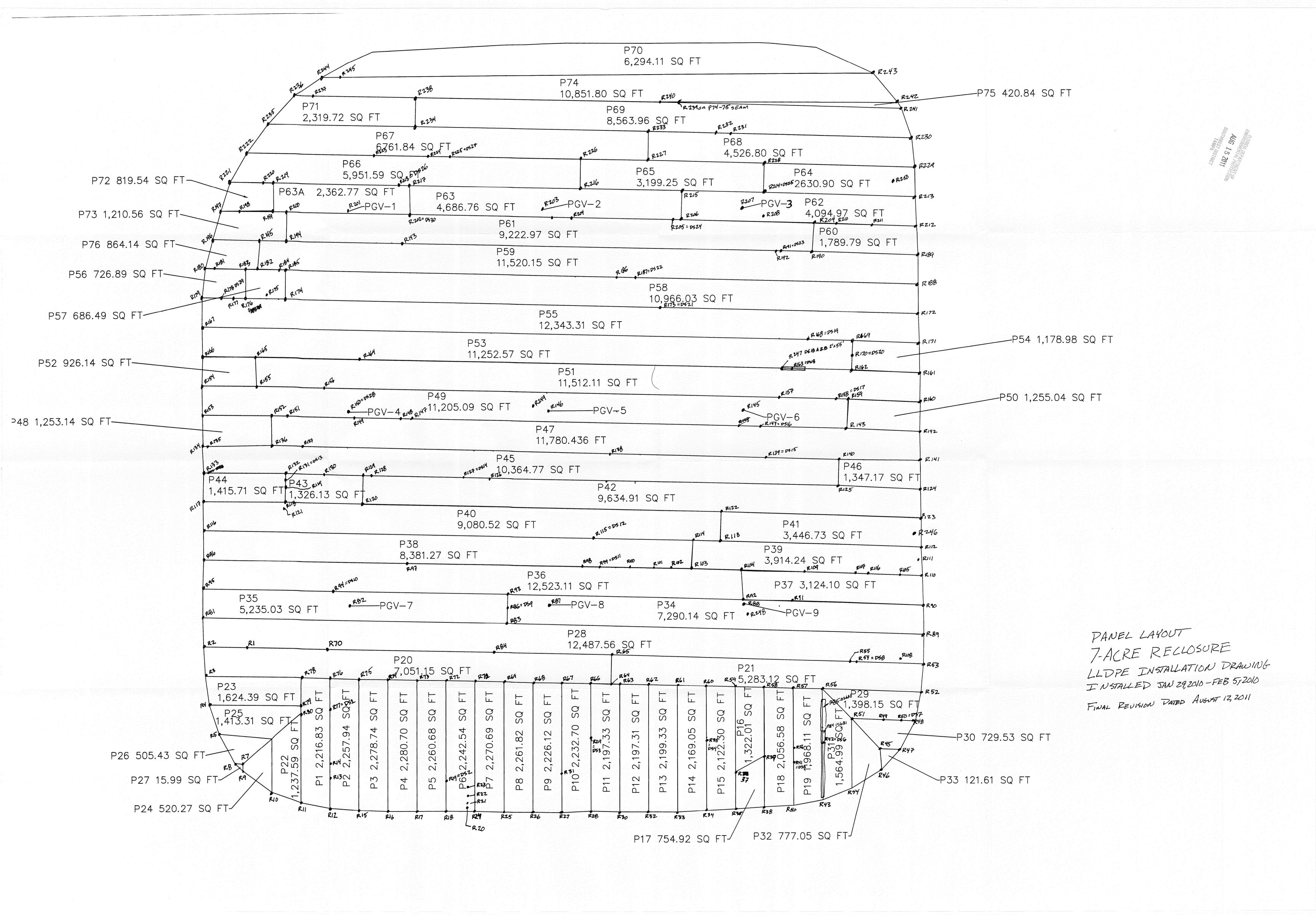
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Project #:					coordinates		
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Severe Waste, Capet & Som	e	1		4		BENTONITE	12 BAG5
plastics showing		id		11		BACKFILL	1' + 15'
		74	/	17		STONE	13'
Severe Waste, Camet & Some plastics showing No visible gas 76' Severe MSW hard to distinguis plastics	25	1/4		1		and the second second second second	The second of th
Complete hand so distant	7	با لا		<i>, , , , , , , , , ,</i>			
severe mos nama po distinguis	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	1	1	1		LEGEND:	•
plastics		".		ربعر ز		D = Decomposition	n and is shown
	·	pe		13		as: little, some, mod	derate, much or severe
OLD Waste (10 visible gas) 18	30	13		<i>'</i> ,			
OLD Waste (no visible gas) 78 Severe mow mixed w/ 1250	.:/_	11.				-	nd is listed as loose,
Severe misa mixed will aso	″ <u></u>		,	1,		moderate or tight	
		12		يارز	NOTE		
520m 7	8 35	13	Ы	1	NOTES:		
	0 33	1			HET	- Same Hara	portion de
NOTE: HIT Something EXTREMELY HARD					he	Something	wild 125
ENTOEMELY HARD					an an	deeper so	lotted emount
LFIFEMELY UNINO					dre	duced by 8	, and the second
	40						
		1					
17.		ļ					
Initial Target	43'	1					
Jargel		[
	45						
		1]				
		1					
		-					
•	-	1				i .	
	3(<u> </u>			l		

ATTACHMENT 4 PANEL LAYOUT DRAWING 7-ACRE RECLOSURE

FLOSIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

AUG 15 2011

SOUTHWEST GISTRICT TAMPA



ATTACHMENT 5 GEOMEMBRANE REPAIR AND DESTRUCTIVE TEST LOGS

AUG 15 2011

Adeithwest assisted TAMPA

SCS Engineers				,	SHEET of // OF // OF PROJECT TITLE 7-Acre Closed Area Re-closure and Landfill Gas System -Citrus County Landfill							
	• •	NE REPAII	RIOG		PROJECT NO.		09207049.04	Hea Re-closure	and Lan	11111 Gas	System -Citrus County Landini	
			C LOG		DATE	11	29-1/30					
DATE REPAIRED	REPAIR	SEAM /PANEL	T OCATION	DEFECT	SIZE OF	TECH	MACHINE	DATE	TESTEI			
, ,	NO.	ID	LOCATION	CODE	REPAIR	ID	NO.	TESTED	BY		COMMENTS	
1/30/10	81	P28,20	32 E	Bo	2×4	Bu	0383	1/31/10	RH			
1/30/10	72	Po8, 20, TI	7	7	141	BN	0383					
1/30/10	R3	P20,23,T1	T	7	11/	BN	6383					
1/30/10	R4	P23,25,T1	T		11/	BN	0383					
1/30/10	125	P25,26,71	T	7	111	BN	0383					
1/30/10	RG	P25,26,24,22	T	7	2×6	BN	0383					
1/30/10	27	P26,27,24	T	7	3 x 3	BN	0383					
1/30/10	128	PO7, T1, 26	T	7	11/	BN	0383					
1/30/10	R9	PST, T1,24	T		(x/	BN	0383					
1/30/10	R10	P34,22,71	T	T	l×1	8N	0383					
1/2×/10	211	P22,8, TI	T	7	2×2		0383					
42910	212	P1,2,71	1	7	1X1	30	0383				`	
1/29/10	A13	P1,2.	23 N	130	1X3	BN	0383					
1/29/10	R14	21,2	342	BO	/x3	BN	0383					
1/29/10	R15	P2, 3, T1	T		1x1	BN	0383					
1/29/10	RIL	P3,4,T1	T	7	/x/	BN	0383	N				
DEFECT C	ODES: MAL RELATED I	DAMAGE DS	DECTRIC	TIVE SAMPI	D D	ΙΟ	-INSUFFICIEN	TOVEDIAD		SS	-START/STOP	
	EQUIP DA		t	-LEISTER BURY			SSI	-SOIL SURFACE IRREGULARITY				
							-MACHINE OF			T	-MULTIPLE PANEL INTERSECTION	
BS -BOOT SKIRT FB -FUSION WELDER BU					Ň		-NODULE			VL	-VACUUM TEST LEAK	
C -COUPON FD -FACTORY DAMAGE					AGE PI'C -PRESSURE TEST CUT						-WRINKLE CUT	
CO - CHANGE OF OVERLAP FM -FISH MOUTH				SI	-SUBGRADE IR	REGULARITY		WR	-WRINKLE			
CR -CREASE FS -FAILED SEAM									-WELDER RESTART			
D -INSTALLATION DAMAGE HT -HEAT TACK BURN						SO	-SHARP OBJEC	T				

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PRINT NAME:

Kurt Peterson

SCS Engine	ers		<u>.</u>	4	SHEET		······	<u> </u>	-	of	16
					PROJECT TITL						
GEOM	EMBRA	NE REPAI	R LOG		PROJECT NO.		9207049.04	• •			
					DATE			9 - 1/31			<u> </u>
DATE REPAIRED	REPAIR NO.	SEAM /PANEL ID	LOCATION	DEFECT CODE	SIZE OF REPAIR	TECH ID	MACHINE NO.	DATE TESTED	TESTED BY		COMMENTS
1/29/10	R17	P4,5, T1	T	T	141	132	0383	1/31/10	BH		
1/29/10	R18	P5,6,71	7	7	1X1	BU	0383	ſ			
1/29/10	R19	D5,6	40N	752	2×5	BN	0383				
1/29/10	R 20	PG	14E 3N	ÉE	2×2	82	0383				
1/29/10	RZI	76	14E 5N	EE	/x /	32	0383			<u> </u>	
1/29/10	R22	76	14E 10N	EE	2×2	132	0383			<u> </u>	
1/29/10	R 23	74	14E 18N	EE	/X/	BN	0383				
1/29/10	R 24	P6,7, T1	1	1	/x/	BN	6383				
1/09/10	R 25	P7,8,71	1	7	/X/	BN	0383				,
4/29/10	R26	P8,9,T1	1	7	[X]	13N	0383				
1/29/10	227	P9,10,T1	1	T	/X/	BN	0383				
1/30/10	R28	P10,11,71	T	1	2×2	BN	0383	·		J	
4/31/10	R29	P10,11	68 N	753	2 X 6	3N	6383			ļ	
1/31/10	R 30	P11,12-T1	7	7	/x/	BN	0383				
1/3/10	231	P9,10	402	80	2×3	BN	0383				
1/3/10	R32	P12,13,T1	7	T	/X/	BN	0383	4	4	<u></u>	
DEFECT C											
	MAL RELATED D			TIVE SAMPL		10	-INSUFFICIEN			SS	-START/STOP
	-UNDISPERSED RESIN BEAD EE -EARTHWK EQUI -BURN OUT EXT -EXTENSION				MAGE	LB MOT	-LEISTER BURI -MACHINE OF			SSI T	-SOIL SURFACE IRREGULARITY -MULTIPLE PANEL INTERSECTION
					DN!	NO1	-MACHINE OF	I IKACK		VL	-VACUUM TEST LEAK
	-BOOT SKIRT FB -FUSION WELDER I -COUPON FD -FACTORY DAMAG									-WRINKLE CUT	
					SI -SUBGRADE IRREGULARITY WR -WRINKLE						
					SL -SLAG ON TEXTURED SHEET WS -WELDER RESTART						
	-INSTALLATION DAMAGE HT -HEAT TACK BURN					SO -SHARP OBJECT					
<u> </u>											

Kurt Peterse

SCS Engineers					SHEET -						
					PROJECT TITL			rea Re-closure	and Land	ifill Ga	s System -Citrus County Landfill
GEOM	EMBRA	NE REPAII	R LOG		PROJECT NO.	_0	9207049.04				
		<u> </u>			DATE		1/31/	0			
DATE	REPAIR	SEAM / PANEL		DEFECT	SIZE OF	TECH	MACHINE *	DATE	TESTEL		
REPAIRED	NO.	ID	LOCATION	CODE	REPAIR	ID	NO.	TESTED	BY		COMMENTS
1/3//10	233	P13,14,T1	7	7	/x/	BN	0383	1/31/10	RH		·
1/31/10	R34	P14,15,T1	7	1	/X/	BN	0383				
1/31/10	R35	P14,15	64N	1)54	2x6	BN	0383				
1/31/10	R36	P15,17,71		7	1x1	BN	0383				
1/31/10	237	P15,16,17	T	T	2X2	Ba	0383				
1/3//10	R38	817,18,71	1	*	1×1	BN	0383				
1/3//10	239	P16,17,18	7	T	LXX	BN	0383				
1/31/10	240	P 18,19,71	T	7	7		0383				
1/3/10	241	P18,19	430	D55	2×6	BN	0383				
1/3//16	R42	P19,31	56 N	256	3x6	BN	6383	<u>.</u>			
1/31/10	R 43	P19,31,71	1	1	7	BN	0383	·			
1/31/10	244	P32,31,T1	T	7	7	BN	038-3				
1/31/10	R 45	P32,30, 33	T	7	243	BN	0383				
1/3/10	R46	P32,33,T1	T	7	1X1:	BN	0383				
1/31/10	247	P33,30,T1	T	I	/x/	BN	0383				
1/31/10	248	P30,29,T1	T	T	/X/	BN	0383		ال		
DEFECT C											
	MAL RELATED I			TIVE SAMPI		IO	-INSUFFICIEN			SS	-START/STOP
					MAGE	LB	-LEISTER BURN			SSI	-SOIL SURFACE IRREGULARITY -MULTIPLE PANEL INTERSECTION
	BS -BOOT SKIRT FB -FUSION WELDER				DNI						-MULTIPLE PANEL IN TERSECTION -VACUUM TEST LEAK
	C -COUPON FD -FACTORY DAMAGE				MA						-WRINKLE CUT
CO -CHANGE OF OVERLAP FM -FISH MOUTH						SI	-SUBGRADE IR			WR	-WRINKLE
CR -CREASE FS -FAILED SEAM					SL		TURED SHEET		WS	-WELDER RESTART	
D -INSTALLATION DAMAGE HT -HEAT TACK BURN					SO	-SHARP OBJEC					
											

PRIN	T	NAME
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Kurt Peterson

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SCS Engine	ers			SHEET							
_					PROJECT TITL						
GEOM	EMBRA	NE REPAI	R LOG		PROJECT NO.	C	9207049.04				
GEOW			200	_ 1	DATE			1/31/10 -	-	٠.	
DATE	REPAIR	SEAM /PANEL		DEFECT	SIZE OF	TECH	MACHINE	DATE	TESTED		
REPAIRED	NO.	ID	LOCATION	CODE	REPAIR	ID	NO.	TESTED	BY		COMMENTS
1/31/10	249	P29,30	20€	30	1X5	BN	0383	1/31/10	RH		
1/3/10	250	29,30	75	257	2×6	BN	0383				
1/31/10	R51	P29,303231	7_	7	2x3	BN	0383				
1/31/10	252	Pag.21, TI	7	7	T	BN	0383				•
1/31/10	253	P21,2871	7	7	2×2	BN	0383				
1/31/10	254	P01,28	51W	058	2×6	BN	0383		7		
1/31/10	R55	P21,28	39 W	Bo	2×3	BN	0383	مدادا د	KC		
1/31/16	256	P21,29,31,19	7	7	3 × 4	BN	0383	2/7/10	KC		
1/3/10	R57	P19,18,21	T	7	2×2	BN	0383	1/31/10	RH		
1/31/10	258	P18,16,21	T	T	2x2	BN	6383	<u>'\'</u>			
1/31/10	R59	P16,15,21	T	1	2×2	BU	0383				
1/31/10	R60	P15,14,21	7	7	2×2	BN	0383				
131/10	261	P14,13,21	7	7	/x/	30	0383				
1/31/10	RGZ	P13,12,21	T	7	/x7	BN	0383				
1/3/10	R63	P12,11,21	7	1	11/	BN	0383				
1/31/10	264	P11,20,21	T	1	/X/_	BN	0383	4			
	ODES:				<u> </u>						
	MAL RELATED I		TIVE SAMPI		IO	-INSUFFICIEN			SS	-START/STOP	
	B -UNDISPERSED RESIN BEAD EE -EARTHWK EQUIP BO -BURN OUT EXT -EXTENSION										-SOIL SURFACE IRREGULARITY -MULTIPLE PANEL INTERSECTION
BS -BOOT SKIRT FB -FUSION WELDER BU					N .	N	-NODULE	1 HAICK		VL	-VACUUM TEST LEAK
C -COUPON FD -FACTORY DAMAGE					41						-WRINKLE CUT
CO -CHANGE OF OVERLAP FM -FISH MOUTH					SI -SUBGRADE IRREGULARITY WR -WRINKLE						
CR -CREASE FS -FAILED SEAM						SL -SLAG ON TEXTURED SHEET WS -WELDER RESTART					
						SO -SHARP OBJECT					

Kurt Peterson

SCS Engine	SCS Engineers					·			5	ot .	16
					PROJECT TITL			Area Re-closu	re and Lan	dfill Gas	s System -Citrus County Landfill
GEOM!	EMBRA	NE REPAI	R LOG		PROJECT NO.		9207049.04		· i		
		· · · · · · · · · · · · · · · · · · ·		I	DATE		1/2		31/10		
DATE	REPAIR	SEAM /PANEL	`	DEFECT	SIZE OF	TECH	MACHINE	DATE	TESTE	D	
REPAIRED	NO.	ID	LOCATION	CODE	REPAIR	ID	NO.	TESTED	BY		COMMENTS
1/31/10	R65	POB 21,20	7	7	3×2	-BN	0383	1/31/10	RH		
1/30/10	R66	P10, N, 20	T	T	2x2	BN	0383				
1/30/10	267	D10,9,20	T	7	2X2	BN	0383				
1/30/10	R68	P8,9,20	T	7	2X2	BN	0383				
1/34/0	R69	P7,8,20	T	1	2×3	BN	0383		<u> </u>	_	
1/31/10	270	P30,28	89W	Bo	2x3	BN	0383				
1/30/10	271	P6,7,20	T	T	/X/	BN	0383				
1/30/10	272	P6,5,20	T	1	/X/	BN	0383				
1/30/10	R73	P5,4,20	1	7	2x2	Ba	0383				
1/30/10	R74	P4,3,20	T	7	2X2	BN	0383				
1/30/10	275	P2,3,20	T	T	2x2	BN	0383				
4/30/10	R76	P2,1,20	T	7	1x2	BN	0383				
1/29/10	877	P2, 1	135	051	2×6	BN	0383				
1/30/10	278	P1,20,23	T	7	2×4	BN	0383				
1/30/10	279	P1,23,25	7	7	2x2	BN	0383			_	
1/30/10	280	P1,25,22	T	7	/X/	BN	0383	V	A		
DEFECT C				miren a com			TO LOCK LOWER CATES W			1 00	ord a post torse on
	MAL RELATED I			TIVE SAMPL K EQUIP DA		IO LB	-INSUFFICIEN' -LEISTER BURI			SS SSI	-START/STOP -SOIL SURFACE IRREGULARITY
	ISPERSED RESI				MAGE	MOT	-MACHINE OF			T T	-MULTIPLE PANEL INTERSECTION
BO -BURN OUT EXT -EXTENSION BS -BOOT SKIRT FB -FUSION WELDER					ONI	N	-NODULE	T IKACK		VL	-WOLTIPLE PANEL INTERSECTION -VACUUM TEST LEAK
		· F	DAMAGE	<u> </u>	PTC	-PRESSURE TE	ST CITE	·	WC	-WRINKLE CUT	
C -COU						SI	-SUBGRADE IR		, — —	WR	-WRINKLE COT
	NGE OF OVERL		M -FISH MOU S -FAILED S			SL	-SLAG ON TEX			WS	-WELDER RESTART
CR -CRE			T -HEAT TA			SO	-SHARP OBJEC			ws	-MELDEK KESTAKI
D -INST	ALLATION DAI	MAGE I	11 -UEVIIV	CIZ DOIGN		130	-SILITAR ODJEC	,1		<u> </u>	<i></i>
						INT NAI		rt Peterson	D)	-	
					JIG	* 457 T O TI					

SCS Engine	ers			-1	SHEET (o of 16							
					PROJECT TITL	E 7	-Acre Closed	Area Re-closure	and Landf	andfill Gas System -Citrus County Landfill		
GEOM	EMBRA	NE REPAII	RIOG	} :	PROJECT NO.		9207049.04					
OLOM	TOTAL TOTAL OF	I ATS TOTAL	K LOO	:	DATE		2/1 -	2/7				
DATE	REPAIR	SEAM /PANEL		DEFECT	SIZE OF	TECH	MACHINE	DATE	TESTED			
REPAIRED	NO.	ID	LOCATION	CODE	REPAIR	ID	NO.	TESTED	BY	COMMENTS		
2/3/10	1281	P08,35,T1	7	7	/×	BN	0383	2/7/10	RH	,		
2/3/10	282	P35	116E 12N	<i>B5</i>	3×16	BN	0383	2/1/10	Ko			
2/3/10	R83	P35,34,28	T	7	2×2_	RH	0715	2/2/10	KC			
2/4/10	R84	P.19.31	3 W	D36B1	2 × /2	RH	0715	2/6/10	KU	CAP DS6 B1		
2/4/10	2/4/10 R85 P19,31 0-79N DS					ZH	0715	2/6/10	KC	CAP D5641		
2/3/10	1286	P35,34	11 N	1)59	2 X 5	RH	6715	01/7/10	KL			
2/3/10	R87	P34	32E 0-65	BS	2×6	RH	0715	2/7/10	KO	BOOT /		
2/3/10	288	P34	187E 6-35	B5	2×4	24	0715	2/7/10	KC	B007 2		
2/1/10	289	P34,28,T1	T	7	141	BN	6383	2/7/10	.RH			
2/1/10	1290	P3437,77	7	1	/×/	BN	0383	2/7/10	BH			
2/3/10	1291	P34 37	99 W	80	ЭхЗ	24	0715	2/7/10	Kc	<u> </u>		
2/3/10	792	P3437,36	T	7	2×4	RH	0715	2/7/10	KL			
2/3/10	R93	P34,35,36	T	7	2x2	RH	0715	2/7/10	KC			
0/3/10	R94	P35,36,	802	0510	2×5	BN	0383	2/7/10	KC			
2/3/10	1295	P35,36 T/	7	T	18/	BAI	0393	2/7/10	RH			
3/10	1296	P36,38,71	7	1	/X/	BN	0383	2/7/10	RH.			
DÉFECT C												
	AAL RELATED D		TIVE SAMPI		IO	-INSUFFICIEN			SS -START/STOP			
B -UNDISPERSED RESIN BEAD EE -EARTHWK EQUIP BO -BURN OUT EXT -EXTENSION					MAGE	LB	-LEISTER BUR			SSI -SOIL SURFACE IRREGULARITY T -MULTIPLE PANEL INTERSECTION		
BO -BURN OUT EXT -EXTENSION BS -BOOT SKIRT FB -FUSION WELDER I										VL -VACUUM TEST LEAK		
C -COUPON FD -FACTORY DAMAGE					IUV	PTC	-PRESSURE TE	EST CUT		WC -WRINKLE CUT		
CO -CHAI	CO -CHANGE OF OVERLAP FM -FISH MOUTH					SI		RREGULARITY		WR -WRINKLE		
CR -CREASE FS -FAILED SEAM						SL -SLAG ON TEXTURED SHEET WS -WELDER RESTART						
						SO -SHARP OBJECT						

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Kurt Peterson

SCS Engine	ers	•		SHEET of 16							
					PROJECT TITL			Area Re-closure	and Land	lfill Gas	s System -Citrus County Landfill
GEOM	EMBRA'	NE REPAI	R LOG		PROJECT NO.	_0	9207049.04				
]	DATE		2/1	- 2/7/10	5		·
DATE	REPAIR	SEAM /PANEL	LOCATION	DEFECT	SIZE OF	TECH	MACHINE	DATE	TESTEL		
REPAIRED	NO.	ID	LOCATION	CODE	REPAIR	ID	NO.	TESTED	BY		COMMENTS
2/3/10	297	P36,38	154 E	Bo	2x7	BN	0383	2/7/10	KO		<u> </u>
2/3/10	R98	P36,38	285€	80	284	RH	7/5	2/7/10	KC		
2/3/10	299	P36,38	298 E	D511	2x5	RH	715	2/7/10	KC		
2/3/10	2100	P36,38	318E	80	JXC	24	7/5	2/7/10	Kc		
2/3/10	2101	P36,38	335 E	30	2×6	24	715	2/7/10	Kc		
2/3/10	P182	P36,38	348E	Bo	2×6	RH	715	2/7/10	KC		·
2/3/50	7-103	P36,39,38	7	7	2X7	RH	715	2/7/10	KC		
2/8/10	8104	P37,36,39	T	7	2X6	RH	715	2/7/10	KC		
2/3/10	2105	P39,37	16€	80	2×7	RH	715	2/7/10	KC		
2/3/10	R106	P39,37	40%	80	2x4	RH	715	2/7/10	KC		
2/3/10	R107	P39,37	SIE	30	2×5	RH.	715	2/7/10	KC		
2/4/10	2108	728	18 WGA		2X2	RH	715	2/4/10	RH		
2/3/10	R109	P39,37	BIE	30	2x3	RH	715	2/7/10.	KC		
2/1/10	2110	P37,39,7		T	11/	BN	0383	2/7/10	RH		
2/10	P111	D39	2W1/N	δ	181	BN	0383	2/7/10	KC		
2/1/10	R112	P37,41,T1	7	T	[X]	لدجرر	0383	2/2/10	RH		
DEFECT C											
							-INSUFFICIEN			SS	-START/STOP
					MAGE		-LEISTER BUR			SSI	-SOIL SURFACE IRREGULARITY
					13.1		-MACHINE OF -NODULE	F TRACK		T VL	-MULTIPLE PANEL INTERSECTION
BS -BOOT SKIRT FB -FUSION WELDER B C -COUPON FD -FACTORY DAMAGE									-VACUUM TEST LEAK		
C 000:0:					· · · · · · · · · · · · · · · · · · ·						-WRINKLE CUI -WRINKLE
			SL -SLAG ON TEXTURED SHEET WS -WELDER RESTART								
						SO -SHARP OBJECT					
יוואסו	VICTOR DVI	4.015					Cana Object				

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Kurt Peterson

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SCS Engir	eers	•	-		HEET				8	of	16
					PROJECT TITL			Area Re-closure	and Land	fill Gas	s System -Citrus County Landfill
GEON	1EMBRA	NE REPA	IR LOG		PROJECT NO. DATE		9207049.04				
DATE	REPAIR	SEAM /PANEL		DEFECT	SIZE OF	ALCOY I	3/4 -	2/1/10	(
REPAIREL	NO.	ID	LOCATION	CODE	REPAIR	TECH ID	MACHINE NO.	DATE TESTED	TESTED BY	<u>'</u>	COMMENTS
2/6/10	R113	P40,41,39	7	T	3x4	BN	0383	2/7/10	RH		
2/6/10		P38,39,4	0 7	1.21	1×1	BN	0383	2/7/10	KL		
2/3/10	R115	P38,40	945	>512	2x5	BN	0383	2/2/10	R#		
2/3/10	P116	P38,40,71	1 7	T	/×/	BN	0383	2/7/10	RH		
2/3/10	12117	P40, 44,11	T	T	/x/	BN	0383	2/7/10	RH		· · ·
2/3/10	R118	P44,43,40	7	7	2×2	BN	0383	2/7/10	RH		·
2/3/10	2119	P44, 43	1615	[D _	2.85	30	0383	2/7/10	RH		/
01/8/5	2120	P43,42,40	7	T	2x2	BN	0383	2/7/10	ZH		
2/3/10	8121	P40	61553	2	2 x 2	BN	0333	2/2/10	RH		
2/5/00	R122	P40,41,4:		T	3×5	***	0333	2/1/10	KC		
2/1/10	2123	P41,42,7	T T	7	· /x/	BN	0383	2/7/10	RH		
2/1/10	2124	P42,4677		7	/x/	BN	0383	2/7/10	RH		
3/4/10	2/25	P45,46,42		7	3x6	BN	0393	2/7/10	KC		
2/3/10	2126	P45,42	265W	80	2X3	BN	0393	01/1/6	RH		
2/3/10		D45,42	285W	0514	2×5	BN	0333	2/7/10	RH	1	
2/3/1		P45,42	357W	30	2×5	BN	0383	2/7/10	RH		
DEFECT											com a port former
	IIMAL RELATED I IDISPERSED RESI			TIVE SAMPL K EQUIP DA		IO LB	-INSUFFICIEN -LEISTER BURI			SS SS1	-START/STOP -SOIL SURFACE IRREGULARITY
-	RN OUT	IN DEVIT	EXT -EXTENSI		WUNGE		-MACHINE OF			T T	-MULTIPLE PANEL INTERSECTION
	OT SKIRT			VELDER BUF	un .		-NODULE			·VL	-VACUUM TEST LEAK
	OUPON		FD -FACTORY		GE PTC -PRESSURE TEST CUT						-WRINKLE CUT
-	IANGE OF OVERL	.AP	FM -FISH MOU	JTH		SI	-SUBGRADE IF	REGULARITY		WR	-WRINKLE
	RASE		FS -FAILED S					CTURED SHEET		WS	-WELDER RESTART
D -lN	STALLATION DAN	MAGE	HT -HEAT TA	CK BURN		SO	-SHARP OBJEC	T			,
		•	·		PRI	NT NAI	мЕ: <u>К</u> и	rt Peterson	•		

SCS Enginee	CS Engineers					SHEET - 9					- 16
·					PROJECT TITL			Area Re-closure	and Land	fill Ga	s System -Citrus County Landfill
GEOMI	EMBRAI	NE REPAII	RIOG		PROJECT NO.	()9207049.04				
		-			DATE		2/3 -	2/7/10			
DATE	REPAIR	SEAM / PANEL		DEFECT	SIZE OF	TECH	MACHINE	DATE	TESTED	,	
REPAIRED	NO.	ID	LOCATION	CODE	REPAIR	ID	NO.	TESTED	BY		COMMENTS
2/3/10	P139	P42,45,43	T	T	2×2	BN	0383	2/1/10	RH		
2/3/10	P130	P43,45	28W	30	2x2_	BN	0333	2/1/10	RH		
2/3/10	P131	P44,43	65	05/3	2×5	BN	0383	2/7/10	RH		
2/3/10	P132	P43,44,45	7	7	2×2	BN	0383	ा तिद	R#	_	
2/3/10	P133	P44,45,11	T		/x/	BN	0383	2/7/10	RH	•	
2/3/10	P134	P48,45,T1	T	7	/x/	BN	0383	2/7/10	RH		
2/3/10	7135	D48,45	6E	δ	2x2	BN	0383	2/7/10	RH		
2/3/10	P136	P45,47,48	T	T	272	BN	1383	01/11	RH		
2/6/10	P137	P47,45	24€	2	2 / 3	124	0715	17/10	RH		
2/3/10	P130	P47,45	2565	Bo	2 X5	BN	0383	2/7/10	RH		
2/8/10	7139	P45,47	414	0515	2×5	BN	0383	2/7/10	RH		
2/6/10	P140	P45,46,47	7	1	2X5	BN	0383	01/5/6	RH		
2/2/10	P141	P46,47,71	7	1	1X/	BN	0383	2/7/10	RH		
2/3/10	P142	P47,50,T1	7	7	/×/	BN	0383	2/7/10	RA		
2/2/10	P143	P47,50,49	ア	1	2 X 3	BN	0383	2/7/10	RH		
2/6/10	P144	P49,47	67W	D16	2X5	BN	0383	2/7/10	RH		
DEFECT CO											
	MAL RELATED D			TIVE SAMP		IO	-INSUFFICIEN			SS	-START/STOP -SOIL SURFACE IRREGULARITY
	ISPERSED RESIN		E -EARTHWI	K EQUIP DA	MAGE	LB MOT	-LEISTER BUR -MACHINE OF			SSI T	-MULTIPLE PANEL INTERSECTION
	r skirt	F		VELDER BU	RN	N	-NODULE	TIMON		VL VL	-VACUUM TEST LEAK
C -COU		F			171	PTC	-PRESSURE TE	STCUT		WC	-WRINKLE CUT
CO -CIIAI	NGE OF OVERL		M -FISH MOU			SI -SUBGRADE IRREGULARITY WR -WRINKLE					
CR -CREA			FS -FAILED SEAM				SL -SLAG ON TEXTURED SHEET WS -WELDER RESTART				
						SO	-SHARP OBJEC	T .	1		
	-INSTRUMENTION DIMINOLS III THE TRUE DOIGH										

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SCS Engine	ers	•	-		SHEET -	- 10 of - 16						
					PROJECT TITL	E 7	-Acre Closed	Area Re-closure	and Landi	ndfill Gas System -Citrus County Landfill		
GEOM	EMBRA	NE REPAII	RIOG		PROJECT NO.		09207049.04					
GLOW.		TATE TOTAL TARE	LLOG	1	DATE		2/1-2	12/10				
DATE	REPAIR	SEAM /PANEL	•	DEFECT	SIZE OF	TECH	MACHINE	DATE	TESTED			
REPAIRED	NO.	ID	LOCATION	CODE	REPAIR	ID	NO.	TESTED	BY	COMMENTS		
2/6/10	R145	P.49,47	81 W	25	12×4	BN	0383	2/7/10	RH	BOOT		
2/3/10	R146	P49,47	233 W	B5	12×4	BN	0383	2/7/10	<i>R4</i>	BOOT		
2/6/10	R147	P47,49	325W	Bo	2x3	RH	0715	2/7/10	RH			
2/0/10	R148	P47,49	335 N	BO	3x6	RH	0715	2/7/10	RH			
2/3/10	2149	P47, 49	370 W	BO	2X6	BN	0383	2/7/10	ſζH			
2/3/10	R150	P49,47	395W	<i>B</i> 5	3×8	BN	0383	2/7/10	RH	BOOT DS 28		
2/6/10	R151	P47,49	428W	Bo	2x2	RH	0715	2/7/10	RH	·		
2/6/10	2152	P47,49,48	· T	7	2×18	RH	0715	2/7/10	RH			
2/1/10	R153	P48,49,71	7	7	181	BN	0383	2/7/10	RH			
2/1/10	R154	P49,52,71	7	7	/ \ /	BN	0383	2/7/10	RH			
2/6/10	2155	P51,52,49	1	7	2x2	RH	0715	2/7/10	RH.			
2/4/10	R156	751,49	526	Bo	2x4	RH	0715	2/7/10	jζμ	·		
2/6/10	2157	P51,49	403 E	Bo	2x4	BN	0383	2/1/10	RH			
2/6/10	R158	P51,49	4446	1)517	2×4	BN	0383	2/7/10	RA	·		
2/6/10	2159	P51,49,50	T	7	2x3	BN	0383	2/1/10	RH			
2/3/10	R160	P31,50,71	7	7	/%/	BN	0383	2/1/10	RH.			
DEFECT C												
	MAL RELATED D			TIVE SAMPI		IO	-INSUFFICIEN			SS -START/STOP		
	ISPERSED RESI			CEQUIP DA	MAGE	LB	-LEISTER BUR			SSI -SOIL SURFACE IRREGULARITY		
	TUO V	E				MOT	-MACHINE OF	T TRACK		T -MULTIPLE PANEL INTERSECTION VL -VACUUM TEST LEAK		
	T SKIRT	FI		VELDER BUI	KIN	N PTC	-NODULE -PRESSURE TE	CT CUT		WC -WRINKLE CUT		
	PON FD -FACTORY DAMAGE NGE OF OVERLAP FM -FISH MOUTH					SI		RREGULARITY		WR -WRINKLE		
						SL -SLAG ON TEXTURED SHEET WS -WELDER RESTART						
CR -CREASE FS -FAILED SEAM D INSTALLATION DAMAGE HT HEATTACK BURN						SC -SLAG ON TEXTURED SHEET WS -WELDER RESTART						

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SCS Engine	ers		-		SHEET -			- //		of	16	
					PROJECT TITL			Area Re-closure	and Land	fill Gas	System -Citrus County Landfill	
GEOM	EMBRA	NE REPAI	R LOG		PROJECT NO. DATE		9207049.04	2 1/2/				
DATE	REPAIR	SEAM /PANEL	Υ	DEFECT	SIZE OF	TECH	MACHINE	3 - 2/7/10 DATE	TESTEL			
REPAIRED	NO.	ID	LOCATION	CODE	REPAIR	ID	NO.	TESTED	BY		COMMENTS	
2/3/10	2161	P51,54,T1	,	T	1×1	BN	0383	2/7/10	RA			
2/4/10	R162	P51,54,53	1	T	ax1	BN	0383	0/1/6	KC			
2/4/10	R163	P51,53	43w	1)518	2×5	BN	0383	2/7/10	Ko			
2/6/10	R164	P51,53	378W	80	9x4	RH	0715	2/7/10	KC			
2/6/10	12165	P52,57,53	T	+	2×2	RH	0715	2/1/10	KC	ļ		
2/3/10	R166	P52,53,T	1 7	7	/X/	BN	0383	2/7/10	RH			
2/3/10	2167	P53,55,1	1 7	7	/x/	BN	0383	2/7/10	RH			
2/6/10	R168	P53,55	462E	1514	2x5-	BN	0383	01/1/6	KC			
2/6/10	2169	P33,55,50	4 7		1X2	BN	0333	2/7/10	KC			
2/6/10	R170	P53,54	11 N	0520	ex5	BN	0333	2/7/10	KC			
2/3/10	R171	P34,55,T1		7	1X/	BN	0383	2/7/10	RA			
2/4/10	R172	P55,58,71	7	T	/x/	BN	0383	2/7/10	RH			
2/6/10	2173	P55,58	195W	1521	2X5	BN	0383	2/7/10	KC			
2/6/10	X174	758,57,53	1	I	≥x3	RH	0715	2/7/10	.KC			
2/6/10	2175	P57, 55	2/W45	<u>)</u>	/X/	RH	0715	2/7/10	KC			
2/5/10	R176	P57,56,5	5 7	7	2x2	RH	0715	2/7/10	KC	<u> </u>		
DEFECT C			De Dreamin	TIVE SAMP	T. P.	10	-INSUFFICIEN	TOVERLAR		CC	-START/STOP	
	MAL RELATED D DISPERSED RESIN			C EQUIP DA		IO LB	-INSUFFICIEN -LEISTER BUR			SS	-START/STOP -SOIL SURFACE IRREGULARITY	
	N OUI.		EXT -EXTENSI			MOT	-MACHINE OF			T	-MULTIPLE PANEL INTERSECTION	
	OT SKIRT			VELDER BU	RN	N	-NODULE			VL	-VACUUM TEST LEAK	
C -COL	PON	FD -FACTORY DAMAGE					-PRESSURE TE	-WRINKLE CUT				
	-CHANGE OF OVERLAP FM -FISH MOUTH					SI -SUBGRADE IRREGULARITY WR -WRINKLE						
CR -CRE	-CREASE FS -FAILED SEAM					SL -SLAG ON TEXTURED SHEET WS -WELDER RESTART					-WELDER RESTART	
D -INS	-INSTALLATION DAMAGE HT -HEAT TACK BURN						SO -SHARP OBJECT					

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SCS Enginee	ts	•	-	5	HEET -		12	-	5	of	16
	•				PROJECT TITL	E	-Acre Closed	Area Re-closure	and Land	Ifill Gas	System -Citrus County Landfill
GEOMI	EMBRA	NE REPAII	RLOG		PROJECT NO.	0	9207049.04			\	
					DATE			2/7/10	_	7	·
DATE REPAIRED	REPAIR NO.	SEAM /PANEL ID	LOCATION	DEFECT CODE	SIZE OF REPAIR	TECH	MACHINE NO.	DATE TESTED	TESTED BY	100	COMMENTS
2/0/10	R177	P56,55	10 N	Bo	2x5	1211	0715	2/7/10	Ki		
2/6/10	R178	P56,55	17 N	1529	2×6	RH	0715	2/7/10	KC		
2/4/10	R179	P56,57,70	7	7	/ X/	BN	0393	2/7/10	. RH		
2/5/10	12180	P56, 76.71	7	7	2X3	RH	0715	2/7/10	BH		
3/6/10	R181	P56,76	12E	30	2×2	RH	0715	2/7/10	KC		
0/4/10	12182	P56,7657	31 E		2×4	RH	0715	2/7/10	KC		
2/6/10	12183	P76,59,56	T	7	2 × 2	RH	0715	2/7/10	KC		
2/4/10	R184	P52,5958	25	30	2×2	ZH	0715	2/7/10	KC		
2/3/10	R185	P.78, 5457	7	7	2×2	RH	0715	2/2/10	KC		
2/6/10	12186	P 58,59	252E	Bo	3x3	BN	0383	2/7/10	KC		·
2/6/10	R187	P 58,59	264E	1522	2×5	BN	0383	2/7/10	KC		
2/4/10	R188	P58,59,71	7	T	/×1	BN	0383	2/7/10	RH		
24/10	2189	P39,60, TI	7	7	/x/	BN	0383	2/7/10	RH		
2/6/10	R 140	P59,60,61	T	T	2x2	BN	0383	2/1/10	KO		
2/6/10	12 191	P61,59	2110	0523	2×5	BN	0383	2/7/10	KC		
2/6/10	2192	P61,59	23W	30	J _X 3	BN	0383	0/7/10	KC		
DEFECT CO									<u>'</u>		
	AL RELATED D			TIVE SAMPL		Ю	-INSUFFICIEN			SS	-START/STOP
	SPERSED RESIN			EQUIP DAI	MAGE	LB	-LEISTER BUR			SSI	-SOIL SURFACE IRREGULARITY
BO -BURN		E			N		-MACHINE OF	FIRACK		T	-MULTIPLE PANEL INTERSECTION
	SKIRT	FI		ELDER BUR	ΔN	N. PTC	-NODULE -PRESSURE TE	er cur		VL WC	-VACUUM TEST LEAK -WRINKLE CUT
C -COUI	ON IGE OF OVERL									WR	-WRINKLE CUT -WRINKLE
		AP FS									-WEIDER RESTART
	ALLATION DAM					SO	-SHARP OBJEC			ws	- WEDDER RESTANT
-114217	THE PARTY OF LAND	. <u> </u>	-iibit inc	WE DOMA		100	WHITE ODJEC				

Kurt Peterson

SCS Enginee	ers	•	-		HEET -			13		of - /6
·					ROJECT TITL			lrea Re-closure	and Land	fill Gas System -Citrus County Landfill
GEOM	EMBRAI	NE REPAII	R LOG		PROJECT NO.	_0	9207049.04			
				ال	DATE		<i>≥/5</i>	2/10		
DATE REPAIRED	REPAIR NO.	SEAM /PANEL ID	LOCATION	CODE	SIZE OF REPAIR	TECH	MACHINE	DATE TESTED	TESTED	
						ID .	NO.	TESTED	BY	COMMENTS
2/6/10	R193	P61,59	312W	BS	4×9	RH	0715	2/7/10	KC	
2/6/10	R194	P61,59,73	· 7	T	<i>3</i> ×3	RH	0715	2/7/10	KC	
2/6/10	R195	P73,59,76	T	\mathcal{T}	2×3	PHS	0715	2/7/10	KL	
2/5/10	R196	P73,76,T1	7	7	1×1	RH	0715	2/7/10	RH	
2/5/10	R197	P73,72,TI	7	7	141	RH	0715	2/7/10	RH	·
2/5/10	2198	P 73,72	12E	BO	1x2	RH	0715	2/7/10	Ko	
2/6/10	2199	P.72, 634,73	7	7	1x1	24	0715	2/7/10	KC.	
2/6/10	12200	P634,61,73	7	1	1×2	RH	0715	2/7/10	KC	
2/6/10	2201		2N 47E	<i>B</i> 5	4×4	24	0715	2/7/10	Kc	
46/10	R202	P63A,63,61	7	T	16×12	RH	0715	2/7/10	KC	DS-30
2/6/10	R203	P 63,61	1045	BS	5×5	RH	0715	2/7/10	KO	
2/6/10	R204	P63,61	126E	BO	2×4	RH	0715	2/7/10	KC	
2/6/10	R205	P63,61	202	Disaf	2×5	BN	0383	0/7/10	KC	·
2/6/10	R206	P63, 61,62	1	7	<i>3</i> x3	BN	0383	2/2/10	KC	
2/6/10	R207	P62	46E 1! N	<i>B</i> 5	<i>3</i> x3	BN	0383	2/7/10	K.C	8007
2/6/10		P42	65E 4N	<i>B</i> 5	6x6	BN	0383	2/7/10	KC	BOOT
DEFECT C										
	MAL RELATED D			TIVE SAMPL			INSUFFICIEN			SS -START/STOP
	ISPERSED RESIN			K EQUIP DA	MAGE		-LEISTER BURY			SSI -SOIL SURFACE IRREGULARITY
BO -BURN		F	XT -EXTENSION W	ON VELDER BUF	NI .		-MACHINE OF -NODULE	L IKVCY		T -MULTIPLE PANEL INTERSECTION VL -VACUUM TEST LEAK
BS -BOO'	T SKIRT				MA.		-NODULE -PRESSURE TE	STCIT		WC -WRINKLE CUT
	NGE OF OVERL	FD -FACTORY DAMAGE P FM -FISH MOUTH					WR -WRINKLE			
	-CREASE FS -FAILED SEAM					SL	-SUBGRADE IF	TURED SHEET		WS -WELDER RESTART
	ALLATION DAM		T -HEAT TAG			SO	-SHARP OBJEC			
						<u> </u>				

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SCS Enginee	rs	-	-		SHEET -			. 14		of - 16 -
Ψ.			•		PROJECT TITL	E 7	-Acre Closed	Area Re-closure	and Land	fill Gas System - Citrus County Landfill
CEOMI	TMRRAI	NE REPAI	RIOG		PROJECT NO.		9207049.04			
GEOMI		ATS TOTAL VALL	Y LOG		DATE			215-21	2/11	
DATE	REPAIR	SEAM /PANEL		DEFECT	SIZE OF	TECH	MACHINE	DATE	TESTED	
REPAIRED	NO.	ID	LOCATION	CODE	REPAIR	ID	NO.	TESTED	BY	COMMENTS
2/01	9	a				> .		. / /	1/1	
2/6/10	14209	P61,62,60	\mathcal{T}	7	2×2	BN	0383	2/1/10	KC.	
	200.00	0, 4	126	20	7.0	 > ,	0707	-1 (Va	
2/6/10	R210	P60, 62	17E	30	3x8	BN	0383	2/7/10	KC	
2/6/10	R211	P60,62	44E	30	2.,,	BN	0383	10/10	KO.	
		160,62	746	B0	3×6	DN	0083	2/1/10	/\ %	
2/4/10	22/2	P62,60,71	T	T	/×/	BN	0383	2/7/10	RH	
										
2/4/10	12213	P62,64,71	7	7	11/	BN	0383	2/7/10	-RH	
	2214			D5-24				•		
2/6/10		P62,64,65	110 W		16 X14	BN	0383	2/7/10	KO	CONCRETE DS GOVERED
	2215		7	7	9.45	5	0383	1 / 1	Lo	
2/4/10		P65,62,63			2×2	BN	0383	2/1/10	KO_	
2/6/10	R216	P65,63,66	7	7	2x2	214	5715	2/7/10	KC	
		700,00			1 -	1-//	0115	2/1/10	٧٥	
2/6/10	2217	P634,63,66	-	7-	2x2	RH	0715	2/2/10	KC	
1	2	Die						. /	-	
2/6/10	R218	D634,66	10W	2526	2×5	12H	0715	2/1/10	KO	
	27.0				+ -				·	
2/6/10	1219	P631,66,72	7	7	JXL	RH	0715	2/7/10	KC	
o le la	2220	P66,72	9w	Bo	3 10	RH	0215	1/2/12	KC	
2/6/10	MIZU	100,00	IW		2×5	/3//	0113	2/7/10		
2/5/10	2221	P72,66,T1	ア	T	/x/	BN	0383	2/7/10	RH	1
	_			<u>-</u>						
2/5/10	2222	P66,67,71	7	7	/X/	BN	0383	2/7/10	RH	
		7		5				T		
2/6/10	1223	P66,67	91 E	Bo	1×4	RH	: 0715	2/7/10	KC	
	0.00.1			30	, ,	24	27.4	1 1		
2/6/10	1224	866,67	137 É	150	/x3	PH	0715	2/7/10	KC	
DEFECT CO						_			•	
7	AL RELATED D						-INSUFFICIEN		R	SS -START/STOP
	SPERSED RESIN				MAGE	<u> </u>	-LEISTER BUR			SSI -SOIL SURFACE IRREGULARITY
BO -BURN			XT -EXTENSION				-MACHINE OF	F TRACK		T -MULTIPLE PANEL INTERSECTION
	'SKIRT	F			RN		-NODULE			VL -VACUUM TEST LEAK
C -COUP	ONI .	FD -FACTORY DAMAGE				PTC	-PRESSURE TE	ST CUT	1	WC -WRINKLE CUT
CO -CHANGE OF OVERLAP FM -FISH MOUTH CR -CREASE FS -FAILED SEAM						1 AT	CLID OD I D	TO COLUMN A DECENT		TWO TYPE TO THE TYPE
	IGE OF OVERL		M -FISH MOU					REGULARITY CTURED SHEET		WR -WRINKLE WS -WELDER RESTART

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SCS Enginee	ers	•		SHEET - 15					of ·	16	
-•			•		PROJECT TITL			Area Re-closure	and Landi	fill Gas	System -Citrus County Landfill
GEOM	EMBRAI	NE REPAI	R LOG		PROJECT NO.	0	9207049.04				
		· · · · · · · · · · · · · · · · · · ·			DATE		215-	2710			
DATE REPAIRED	REPAIR NO	SEAM /PANEL ID	LOCATION	DEFECT CODE	SIZE OF REPAIR	TECH ID	MACHINE NO.	DATE TESTED	TESTED BY	ĺ	COMMENTS
								7 ,	·····		COMMENTS
2/6/10	RO25	P44,67	152E	D527	2×6	RH	0715	2/7/10	KC		
2/6/10	R226	P66,65,67	T	7	2x2	72.4	0715	2/1/10	KC		
2/6/10	דבבא	P67,68,63		7	2×2	BN	0383	2/1/10	KC.		
2/6/10	1228	P65,64,68	7	7	2×3	BN	0383	2/7/10	KC		
2/5/10	R229	P64,68,71	T	7	1×1	BN	0383	2/7/10	24		
2/5/10	2230	P68,69, T1	7	T	/X/	BN	3383	2/7/10	RH.		
2/4/10	2231	P68/69	136 W	30	2×2	BN	0383	2/2/10	KC		
2/6/10	2232	P68/69	145W	WS	3×3	BN	0393	2/7/10	KC		
2/6/10	P233	P69,68,67	7	1	2×2	BN	0383	2/1/10	KO		
2/6/10	R234	P69,71,67	T	1	2×2	RH	0715	2/7/10	KO		
2/5/10	2235	P67,71,T1	T	7	1x1	BN	0383	2/1/10	RH		
2/5/10	R236	P71,74,71	T	1	/x/	BN	0383	2/7/10	BH		
2/6/10	2237	P71,74	126	Bo	/×3	BN	0383	2/7/10	KC		
26/10	R238	P71,74,6	7 -	7.	2×10	RH	0715	2/7/10	KC		
2/6/10	R239	P74,75	218	Bo	2x5	RH	0715	2/1/10	KC		
2/6/10		274,75,69	7 7	7	3x7	BN	0383	01/1/6	Ka	<u> </u>	
DEFECT C											
	MAL RELATED D			TIVE SAMP		IO VP	-INSUFFICIEN			SS	-START/STOP
	ISPERSED RESIN			C EQUIP DA	MAGE	LB	-LEISTER BUR			SSI T	-SOIL SURFACE IRREGULARITY
BO -BURY				ON VELDER BU	DNI		-MACHINE OF	T IKACK		VL	-MULTIPLE PANEL INTERSECTION -VACUUM TEST LEAK
BS -BOO	r skir'i		FD -FACTORY		1/1/1	N -NODULE PTC -PRESSURE TEST CUT					-WRINKLE CUT
						PTC -PRESSURE TEST CUT WC -WRINKLE (SI -SUBGRADE IRREGULARITY WR -WRINKLE					
CR -CREASE FS -FAILED SEAM						SL		XTURED SHEET		WS	-WELDER RESTART
CR -CREASE FS -FAILED SEAM D INSTALLATION DAMAGE HT -HEATTACK BURN						SO	-SHARP OBJECT	***			

Kurt Peterson

SCS Enginee	ers	-	-		SHEET			16		of
CTTONA	CA (CDD) A	א מורכונים היינו	DIOC		PROJECT TITL PROJECT NO.		2-Acre Closed A	Area Re-closure	and Landf	ill Gas System -Citrus County Landfill
GEUMI		NE REPAI	K LUG		DATE		2/5	- 2/24	110	
DATE REPAIRED	REPAIR NO.	SEAM /PANEL ID	LOCATION	DEFECT	SIZE OF REPAIR	TECH	MACHINE NO.	DATE TESTED	TESTED BY	COMMENTS
				7-		BN				COMMENTS
2/5/10	R241	P69,75,71	T	/	/x/		0383	2/7/10	RH	
2/5/10	2242	P74,75,71	T	T	/x/	BN	0383	2/7/10	RH	
2/5/10	R243	P24,70,71	7	7	1×1	BN	0383	2/7/10	RH	w
2/5/10	R244	P74,70,71	7	7	/X/	BN	0383	2/7/10	RH	=
2/4/10	R245	P74,70	126	Bo	/×2	RH	0715	2/7/10	KC	
2/6/10	R246	5 4/4	11N 3E	δ	/ \ /	BN	0383	2/7/10	KC	
2/8/10	8247	P53,51	50 W	DS 19A3	2X55	724	0383	2/8/10	KC	CAT
2/24/10	8248	P34	130W 85	D	414	RW	0251	2/24/10	BW	
2/4/10	2249	P49	245W3S	D	1 1 1 1 1 1 1 1 1 1	BW	0251	2/24/10	BW	VENT FOR LFG
2/24/10	2250	P44	15N 9N	\rangle	212	BW	0251	2/24/10	BW	USNT FOR LFG
							·	,		
							-			
	 	•								
										
DEFECT CO		<u></u>	- 	L	-l		<u> </u>	<u></u>	<u></u>	
	(AL RELATED D			TIVE SAMPI		Ю	-INSUFFICIEN			SS -START/STOP
	ISPERSED RESIN		E -EARTHWI	K EQUIP DA	MAGE	LB MOT	-LEISTER BUR -MACHINE OF			SSI -SOIL SURFACE IRREGULARITY T -MULTIPLE PANEL INTERSECTION
	r SKIRT			VELDER BUI	RN		-MACHINE OF	L IKVCK		VL -VACUUM TEST LEAK
C -COU			D -FACTORY							
	NGE OF OVERL		M -FISH MOU	ЛН		SI	-SUBGRADE II	REGULARITY		WR -WRINKLE
CR -CREA			S -FAILED S			SL		CTURED SHEET		WS -WELDER RESTART
D -INST.	ALLATION DAM	IAGE I	IT -HEAT TA	CK BURN		SO	-SHARP OBJEC	T		

Kurt Peterson

SCS Engineers				SHEET: of 2					
DESTRUCTIVE TEST LOG					PROJECT TITLE: 7-Acre Closed Area Re-closure and Landfill Gas System - Citrus County Landfill				
					PROJECT NO: 09207049.04				
					DATE: 1/39 - 2/5/10				
						TEST STATUS			
SAMPLE NO.	SEAM I.D.	MACHINE NO.	WELD TYPE	DATE SEAMED	DATE SAMPLED	INSTALLER	PASS/FAIL	\DCtt	COMMENTS
D51	PI/PZ	0833	F	1/29/10	1/29/10	P	SCS P	ARCH	TRI P
			F			حر	حر	12	+ / / /
052	P5/P6	0833		1/29/10	1/29/10				
253	PIOPPII	0839	F	1/29/10	1/31/10	۾	در	70	TRI P
2)54	P14/P15	0839	F	1/29/10	1/31/10	در	تر	صر	TIZI P
D55	P 18/P19	0839	F	1/29/10	1/31/10	مر	لير	هر	TRIP
056	P19/P3/	0839	<u> </u>	1/30/10	1/31/10	تبر	۵	<i>y</i>	TRIFF
257	P29/P30	0833	F	1/30/10	1/31/10	P	P	P	TRIP
DS 8	P21/P38	0843	F	1/29/10	1/31/10	۵	حر	حر	TRI P
D59	P34/P35	0842	F	2/1/10	2/3/10	حتر	تر	D	TRIP
0510	P35/P36	0842	F	2/1/10	2/3/10	هر	البر	ىر	TRIP
1)541	P36/P38	0833	F	2/1/10	2/3/10	حر	Þ	لم	TRIP
DS 12	238/240	0842	F	2/1/10	2/3/10	تو	Ŋ	در	TRIP
D513	P43/P44	0839	F	2/1/10	2/3/10	P	ريم	ا ا	TRIP
2514	P45/P42	0833	F	2/1/10	2/3/10	P	D	P	TRID
1515	P45 1P47	0842	F	2/3/10	02/5/10	مر	P	ا	TRIP
0516	D47/P49	0842	F	2/3/10	2/5/10	P	P	P	TRIP
D517	P51/P49	0839	F	2/3/10	2/5/10	ا حر	Q	P	TRIP
0518	P51 /P53	0842	F	2/3/10	2/5/10	Þ	P	P	TRIF
0519	P53/P55	0842	F	2/3/10	2/5/10	حر	حر	الر	TRI P
1)520	253/254	0833	F	2/3/10	2/5/10	رر	حر	ه	TRIP
1521	P55/P58	0839	F	2/3/10	2/5/10	حر	٦	دير	TRIP
1522	P58/ P59	0842	F	2/3/10	2/5/10	حر	در در	در	TRIP
0523	P.61/P59	0833	F	2/4/10	2/5/10	کیم	دىر	مر	TRID

Kurt Peterson

SCS Engineers					SHEET:		2	0	_
					PROJECT TITLE: 7-Acre Closed Area Re-closure and Landfill Gas System - Citrus County Landfill				
	DESTRUC	TIVE TE	ST LOG	r	PROJECT NO: 09207049.04				
					DATE:	ATE: 1/30 - 2/8/10			
						TEST STATUS			T-10-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1
SAMPLE	SEAM	MACHINE	WELD	DATE	DATE	* *****	PASS/FAIL	T	
NO.	I.D. Pc1/P63	NO.	TYPE	SEAMED	SAMPLED 2/5/10	INSTALLER	SCS •	ARCH	COMMENTS
0525	P64/P65	0842	F	2/4/10		م			TRIP
			F	2/4/10	2/5/10	<u>مر</u>	<u> </u>	<u>P</u>	TRIP
D526	PG3A /P66	0842		2/4/10	2/5/10			حر	
1527	P67/P66	0833	F	2/4/10	2/5/10	P	ρ	 	TRIP
25 28	P47/P49	0383	E	2/5/10	2/5/10	B	P		TRI P
0529	P56/P55	0215	Ε	2/5/10	2/5/10	حر	D	P	TRIP
5 30	P63A/P63	0715	E	2/5/10	2/5/10	۵	حر	حر	TRIP
D5 6A	P19 / P31	0839	F	1/30/10	2/3/10	٦	P	٦	TRI F
0568	P19 / P31	0839	F	1/30/10	2/3/10	P	P	P	TRIF
05641	P19 / P31	0839	F	1/30/10	2/5/10	م	P	P	TRI P
05681	P19 [P31	0839	F	1/29/10	2/5/10	P	P	P	TRIP
DS 18A	P51 P53	0842	F	2/3/10	2/5/10	٦	P	حر	TRIP
D5 18B	P51 P53	0842_	F	2/3/10	2/5/10	حر	P	حر	TRIP
				-					

PRINT NAME: Kurt Peterson

ATTACHMENT 6 EXISTING LINER REPAIR DRAWING

AUG 15 2011

SOGTHELD THE FRET TAMPA

