

**BRANTLEY ENGINEERING, LLC**  
**GEOMEMBRANE FUSION SEAM LOG**

PROJECT # 2014-101  
 PROJECT DESCRIPTION : JED Cell 10 Construction  
 PROJECT LOCATION : St. Cloud, Florida



OWNER: Omni Waste of Osceola County, LLC  
 ENGINEER: Geosyntec  
 INSTALLER: Comanco  
 DATE: 4/21/2014

LAYER:

PRIMARY	
SECONDARY	X
OTHER	

PASSING TRIAL SEAMS

NO.	TIME	TECH ID
TF-2	1245	AL

DESTRUCTIVE SEAM LENGTH CARRY-OVER

FROM

Page # 0 Mileage: 0

MACHINE # A043

PAGE NUMBER: 1

SEAM NUMBER	SEAM SECTION START * FINISH POINT * POINT	APPROX. START TIME	AMB. AIR TEMP	WELD TECH	MACHINE SETTINGS			APPROX. LENGTH WELDED	LENGTH FROM PREVIOUS DESTR.	DESTRUCT MILEAGE	QA MON.	DESTRUCT NO. OR REMARKS	** PASSING - NON DESTRUCTIVE TESTING	
					MACH SPEED	DIGITAL SET	INDICATOR						TEST DATE	QA MON.
						WEDGE	WEDGE							
1,2	WEOS,EEOS	1252	72	AL	12	850	850	30	30		KL		4/21/2014	CJ
4,5	WEOS,EEOS	1256	72	AL	12	850	850	30	60		KL		4/21/2014	CJ
5,6	WEOS,EEOS	1315	72	AL	12	850	850	31	91		KL		4/21/2014	CJ
1,14	NEOS,SEOS	1350	72	AL	12	850	850	22	113		KL		4/21/2014	CJ
2,14	NEOS,SEOS	1352	72	AL	12	850	850	22	135		KL		4/21/2014	CJ
3,14	NEOS,SEOS	1354	72	AL	12	850	850	22	0	157	KL	DS-2	4/21/2014	CJ
4,14	NEOS,SEOS	1356	72	AL	12	850	850	22	22		KL		4/21/2014	CJ
5,14	NEOS,SEOS	1358	72	AL	12	850	850	22	44		KL		4/21/2014	CJ
5,13	NEOS,SEOS	1400	72	AL	12	850	849	22	66		KL		4/21/2014	CJ
6,13	NEOS,SEOS	1402	72	AL	12	850	850	22	88		KL		4/21/2014	CJ
7,13	NEOS,SEOS	1405	72	AL	12	850	850	22	110		KL		4/21/2014	CJ
8,13	NEOS,SEOS	1407	73	AL	12	850	848	22	132		KL		4/21/2014	CJ
12,13	NEOS,SEOS	1410	73	AL	12	850	850	22	154		KL		4/21/2014	CJ
14,15	NEOS,SEOS	1420	74	AL	12	850	850	110	264		KL		4/21/2014	CJ
13,15	NEOS,SEOS	1447	74	AL	12	850	850	105	369		KL		4/21/2014	CJ

\* REFERENCE SEAM ENDPOINTS FROM END OF SEAM (EOS),

PAGE TOTAL: 526

\*\* DATA TO BE COMPLETED BY THE

DEFECT NUMBER OR A POINT LOCATION ON A SEAM

PAGE DESTRUCTIVE LENGTH CARRY-OVER

369

DATA REVIEWER ONLY.

DAILY TOTAL WELDED (FT)

-

Page #	Page Total Carryover

Reviewed By: SN

Date: 6/9/2014



**Brantley  
Engineering, LLC**

OWNER: Omni Waste of Osceola County, LLC  
ENGINEER: Geosyntec  
INSTALLER: Comanco  
DATE: 4/21/2014

## PASSING TRIAL SEAMS

NO.	TIME	TECH ID
TF-3	1248	MI

Page # 0 Mileage: 0

PAGE NUMBER: 2

\*\* DATA TO BE COMPLETED BY THE

DATA REVIEWER ONLY.

767


Date: 6/9/2014

**BRANTLEY ENGINEERING, LLC**  
**GEOMEMBRANE FUSION SEAM LOG**

PROJECT # 2014-101  
 PROJECT DESCRIPTION : JED Cell 10 Construction  
 PROJECT LOCATION : St. Cloud, Florida



OWNER: Omni Waste of Osceola County, LLC  
 ENGINEER: Geosyntec  
 INSTALLER: Comanco  
 DATE: 4/21/2014

LAYER:	
PRIMARY	
SECONDARY	X
OTHER	

PASSING TRIAL SEAMS		
NO.	TIME	TECH ID
TF-1	1240	FG
TF-4	1320	FG

DESTRUCTIVE SEAM LENGTH CARRY-OVER

FROM

Page # 0 Mileage: 0

MACHINE # A032

PAGE NUMBER: 3

SEAM NUMBER	SEAM SECTION			APPROX. START TIME	AMB. AIR TEMP		MACHINE SETTINGS			APPROX. LENGTH WELDED	LENGTH FROM PREVIOUS DESTR.	DESTRUCT MILEAGE	QA MON.	DESTRUCT NO.  OR REMARKS	** PASSING - NON DESTRUCTIVE TESTING	
								DIGITAL SET	INDICATOR						TEST DATE	QA MON.
	START POINT	* *	FINISH POINT	MACH SPEED	WEDGE	WEDGE										
	6,7	WEOS,EEOS			1258	72	FG	13	850	850	30	30		KL		4/21/2014
7,8	WEOS,EEOS			1303	73	FG	13	850	850	30	60		KL		4/21/2014	CJ
8,9	WEOS,EEOS			1311	73	FG	13	850	850	28	88		KL		4/21/2014	CJ
9,10	WEOS,EEOS			1315	73	FG	13	850	850	25	0	113	KL	DS-1	4/21/2014	CJ
10,11	WEOS,EEOS			1335	73	FG	13	850	850	16	16		KL		4/21/2014	CJ
10,12	WEOS,EEOS			1337	73	FG	13	850	850	6	22		KL		4/21/2014	CJ
9,12	NEOS,SEOS			1339	73	FG	13	850	848	22	44		KL		4/21/2014	CJ
8,12	NEOS,SEOS			1342	73	FG	13	850	850	10	54		KL		4/21/2014	CJ
11,12	NEOS,SEOS			1345	74	FG	13	850	850	8	62		KL		4/21/2014	CJ
16,19	NEOS,SEOS			1406	75	FG	13	850	849	53	115		KL		4/21/2014	CJ
18,19	EEOS,WEOS			1415	75	FG	13	850	850	22	137		KL		4/21/2014	CJ
16,18	NEOS,SEOS			1418	75	FG	13	850	850	4	141		KL		4/21/2014	CJ
17,18	NEOS,SEOS			1432	75	FG	13	850	850	59	200		KL		4/21/2014	CJ

\* REFERENCE SEAM ENDPOINTS FROM END OF SEAM (EOS),

PAGE TOTAL: 313

\*\* DATA TO BE COMPLETED BY THE

DEFECT NUMBER OR A POINT LOCATION ON A SEAM

PAGE DESTRUCTIVE LENGTH CARRY-OVER

200

DATA REVIEWER ONLY.

DAILY TOTAL WELDED (FT)

313

Page #	Page Total Carryover

Reviewed By: SN

Date: 6/9/2014



OWNER: Omni Waste of Osceola County, LLC  
ENGINEER: Geosyntec  
INSTALLER: Comanco  
DATE: 4/21/2014

LAYER:

PRIMARY	
SECONDARY	X
OTHER	

## PASSING TRIAL SEAMS

NO.	TIME	TECH ID
TF-2	1245	AL

## DESTRUCTIVE SEAM LENGTH CARRY-OVER

FROM

Page # 1 Mileage: 369

MACHINE # A043

PAGE NUMBER: 4

[illegible]

\* REFERENCE SEAM ENDPOINTS FROM END OF SEAM (EOS),

PAGE TOTAL: 558

\*\* DATA TO BE COMPLETED BY THE

DEFECT NUMBER OR A POINT LOCATION ON A SEAM

PAGE DESTRUCTIVE LENGTH CARRY-OVER

DATA REVIEWER ONLY.

DAILY TOTAL WELDED (FT)

Page #	Page Total	Carryover
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1	526

Reviewed By: SN

Date: 6/9/2014

**BRANTLEY ENGINEERING, LLC**  
**GEOMEMBRANE FUSION SEAM LOG**

PROJECT # 2014-101  
 PROJECT DESCRIPTION : JED Cell 10 Construction  
 PROJECT LOCATION : St. Cloud, Florida



OWNER: Omni Waste of Osceola County, LLC  
 ENGINEER: Geosyntec  
 INSTALLER: Comanco  
 DATE: 4/22/2014

LAYER:	
PRIMARY	
SECONDARY	X
OTHER	

PASSING TRIAL SEAMS		
NO.	TIME	TECH ID
TF-1	1117	AL

DESTRUCTIVE SEAM LENGTH CARRY-OVER

FROM

Page # 4 Mileage: 69

MACHINE # A043

PAGE NUMBER: 5

SEAM NUMBER	SEAM SECTION START * FINISH POINT * POINT	APPROX. START TIME	AMB. AIR TEMP	WELD TECH	MACHINE SETTINGS			APPROX. LENGTH WELDED	LENGTH FROM PREVIOUS DESTR.	DESTRUCT MILEAGE	QA MON.	DESTRUCT NO. OR REMARKS	** PASSING - NON DESTRUCTIVE TESTING	
					MACH SPEED	DIGITAL SET	INDICATOR						TEST DATE	QA MON.
						WEDGE	WEDGE							
30,31	SEOS,NEOS	1120	74	AL	12	850	850	100	169		KL		4/22/2014	CJ
31,32	SEOS,NEOS	1128	74	AL	12	850	850	92	261		KL		4/22/2014	CJ
32,33	SEOS,NEOS	1242	74	AL	12	850	850	84	345		KL		4/22/2014	CJ
33,34	SEOS,NEOS	1254	74	AL	12	850	849	83	428		KL		4/22/2014	CJ
28,40	NEOS,SEOS	1307	75	AL	12	850	850	18	446		KL		4/22/2014	CJ
39,42	SEOS,NEOS	1305	76	AL	12	850	850	30	476		KL		4/22/2014	CJ
41,42	WEOS,EEOS	1310	77	AL	12	850	850	30	21	485	KL	DS-8	4/22/2014	CJ
40,41	SEOS,NEOS	1312	77	AL	12	850	850	31	52		KL		4/22/2014	CJ
39,40	SEOS,NEOS	1313	77	AL	12	850	849	6	58		KL	COVERED BY 5D	4/22/2014	CJ
40,42	SEOS,NEOS	1314	78	AL	12	850	850	4	62		KL		4/22/2014	CJ
28,44	WEOS,EEOS	1347	78	AL	12	850	850	112	174		KL		4/22/2014	CJ
28,43	WEOS,EEOS	1400	78	AL	12	850	850	362	135	401	KL	DS-10	4/22/2014	CJ
40,43	WEOS,EEOS	1434	78	AL	12	850	850	36	171		KL		4/22/2014	CJ

\* REFERENCE SEAM ENDPOINTS FROM END OF SEAM (EOS),

PAGE TOTAL: **988**

\*\* DATA TO BE COMPLETED BY THE

DEFECT NUMBER OR A POINT LOCATION ON A SEAM

PAGE DESTRUCTIVE LENGTH CARRY-OVER

**171**

DATA REVIEWER ONLY.

DAILY TOTAL WELDED (FT)

**988**

Page #	Page Total Carryover

Reviewed By: SN

Date: 6/9/2014

**BRANTLEY ENGINEERING, LLC**  
**GEOMEMBRANE FUSION SEAM LOG**

PROJECT # 2014-101  
 PROJECT DESCRIPTION : JED Cell 10 Construction  
 PROJECT LOCATION : St. Cloud, Florida



OWNER: Omni Waste of Osceola County, LLC  
 ENGINEER: Geosyntec  
 INSTALLER: Comanco  
 DATE: 4/22/2014

LAYER:

PRIMARY	
SECONDARY	X
OTHER	

PASSING TRIAL SEAMS

NO.	TIME	TECH ID
TF-2	1115	MI

DESTRUCTIVE SEAM LENGTH CARRY-OVER

FROM

Page # 2 Mileage: 149

MACHINE # A020

PAGE NUMBER: 6

SEAM NUMBER	SEAM SECTION			APPROX. START TIME	AMB. AIR TEMP	WELD TECH	MACHINE SETTINGS			APPROX. LENGTH WELDED	LENGTH FROM PREVIOUS DESTR.	DESTRUCT MILEAGE	QA MON.	DESTRUCT NO.  OR REMARKS	** PASSING - NON DESTRUCTIVE TESTING	
							MACH SPEED	DIGITAL SET	INDICATOR						TEST DATE	QA MON.
								START POINT	* *							
26,29	NEOS,SEOS			1120	73	MI	12	850	850	3	152		KL		4/22/2014	CJ
27,29	NEOS,SEOS			1142	73	MI	12	850	850	125	277		KL		4/22/2014	CJ
34,35	SEOS,NEOS			1205	73	MI	12	850	850	74	351		KL		4/22/2014	CJ
35,36	SEOS,NEOS			1257	73	MI	12	850	848	66	417		KL		4/22/2014	CJ
36,37	SEOS,NEOS			1304	73	MI	12	850	850	57	474		KL		4/22/2014	CJ
37,38	SEOS,NEOS			1315	73	MI	12	850	850	48	34	488	KL	DS-7	4/22/2014	CJ
38,39	SEOS,NEOS			1323	73	MI	12	850	850	43	77		KL		4/22/2014	CJ
44,45	EEOS,WEOS			1347	73	MI	12	850	850	114	191		KL		4/22/2014	CJ
43,45	EEOS,WEOS			1400	73	MI	12	850	850	130	321		KL		4/22/2014	CJ
43,46	EEOS,WEOS			1410	74	MI	12	850	850	269	105	485	KL	DS-11	4/22/2014	CJ
48,49	EEOS,WEOS			1535	75	MI	12	850	850	228	333		KL		4/22/2014	CJ
48,50	EEOS,WEOS			1618	77	MI	12	850	850	48	381		KL		4/22/2014	CJ

\* REFERENCE SEAM ENDPOINTS FROM END OF SEAM (EOS),

PAGE TOTAL: 1205

\*\* DATA TO BE COMPLETED BY THE

DEFECT NUMBER OR A POINT LOCATION ON A SEAM

PAGE DESTRUCTIVE LENGTH CARRY-OVER

DATA REVIEWER ONLY.

DAILY TOTAL WELDED (FT)

Page #	Page Total Carryover

Reviewed By: SN

Date: 6/9/2014

**BRANTLEY ENGINEERING, LLC**  
**GEOMEMBRANE FUSION SEAM LOG**

PROJECT # 2014-101  
 PROJECT DESCRIPTION : JED Cell 10 Construction  
 PROJECT LOCATION : St. Cloud, Florida



OWNER: Omni Waste of Osceola County, LLC  
 ENGINEER: Geosyntec  
 INSTALLER: Comanco  
 DATE: 4/22/2014

LAYER:	
PRIMARY	
SECONDARY	X
OTHER	

PASSING TRIAL SEAMS		
NO.	TIME	TECH ID
TF-3	1120	FG
TF-4	1136	FG

DESTRUCTIVE SEAM LENGTH CARRY-OVER

FROM

Page # 3 Mileage: 200

MACHINE # A032

PAGE NUMBER: 7

SEAM NUMBER	SEAM SECTION  START   *   FINISH POINT   *   POINT	APPROX.  START TIME	AMB.  AIR TEMP	WELD  TECH	MACHINE SETTINGS			APPROX.  LENGTH WELDED	LENGTH  FROM PREVIOUS DESTR.	DESTRUCT  MILEAGE	QA  MON.	DESTRUCT NO.  OR REMARKS	** PASSING - NON  DESTRUCTIVE TESTING	
					MACH  SPEED	DIGITAL SET	INDICATOR						TEST  DATE	QA  MON.
						WEDGE	WEDGE							
1,28	EEOS,WEOS	1125	73	FG	13	850	850	28	228		KL		4/22/2014	CJ
14,28	EEOS,WEOS	1127	73	FG	13	850	850	22	250		KL		4/22/2014	CJ
15,28	EEOS,WEOS	1129	73	FG	13	850	850	22	272		KL		4/22/2014	CJ
21,28	EEOS,WEOS	1131	73	FG	13	850	850	1	273		KL	COVERED BY 4F	-	-
20,28	EEOS,WEOS	1133	73	FG	13	850	850	22	295		KL		4/22/2014	CJ
22,28	EEOS,WEOS	1135	73	FG	13	850	850	22	317		KL		4/22/2014	CJ
23,28	EEOS,WEOS	1137	73	FG	13	850	850	22	339		KL		4/22/2014	CJ
24,28	EEOS,WEOS	1139	73	FG	13	850	850	22	361		KL		4/22/2014	CJ
25,28	EEOS,WEOS	1141	73	FG	13	850	850	22	383		KL		4/22/2014	CJ
26,28	EEOS,WEOS	1143	73	FG	13	850	850	22	405		KL		4/22/2014	CJ
29,28	EEOS,WEOS	1302	75	FG	13	850	850	22	427		KL		4/22/2014	CJ
30,28	EEOS,WEOS	1304	75	FG	13	850	850	22	449		KL		4/22/2014	CJ
31,28	EEOS,WEOS	1306	75	FG	13	850	850	22	0	471	KL	DS-6	4/22/2014	CJ
32,28	EEOS,WEOS	1318	75	FG	13	850	850	22	22		KL		4/22/2014	CJ
33,28	EEOS,WEOS	1310	75	FG	13	850	850	22	44		KL		4/22/2014	CJ

\* REFERENCE SEAM ENDPOINTS FROM END OF SEAM (EOS),

PAGE TOTAL: 315

\*\* DATA TO BE COMPLETED BY THE

DEFECT NUMBER OR A POINT LOCATION ON A SEAM

PAGE DESTRUCTIVE LENGTH CARRY-OVER

44

DATA REVIEWER ONLY.

DAILY TOTAL WELDED (FT)

-

Page #	Page Total Carryover

Reviewed By: SN

Date: 6/9/2014

**BRANTLEY ENGINEERING, LLC**  
**GEOMEMBRANE FUSION SEAM LOG**

PROJECT # 2014-101  
 PROJECT DESCRIPTION : JED Cell 10 Construction  
 PROJECT LOCATION : St. Cloud, Florida



OWNER: Omni Waste of Osceola County, LLC  
 ENGINEER: Geosyntec  
 INSTALLER: Comanco  
 DATE: 4/22/2014

LAYER:	
PRIMARY	
SECONDARY	X
OTHER	

PASSING TRIAL SEAMS		
NO.	TIME	TECH ID
TF-3	1128	FG
TF-4	1136	FG

DESTRUCTIVE SEAM LENGTH CARRY-OVER

FROM

Page # 7 Mileage: 44

MACHINE # A032

PAGE NUMBER: 8

SEAM NUMBER	SEAM SECTION			APPROX. START TIME	AMB. AIR TEMP	WELD TECH	MACHINE SETTINGS			APPROX. LENGTH WELDED	LENGTH FROM PREVIOUS DESTR.	DESTRUCT MILEAGE	QA MON.	DESTRUCT NO. OR REMARKS	** PASSING - NON DESTRUCTIVE TESTING	
							MACH SPEED	DIGITAL SET	INDICATOR						TEST DATE	QA MON
	START POINT	* *	FINISH POINT	WEDGE	WEDGE											
34,28	EEOS,WEOS			1313	72	FG	13	850	850	22	66		KL		4/2/2014	CJ
35,28	EEOS,WEOS			1315	72	FG	13	850	850	22	88		KL		4/2/2014	CJ
36,28	EEOS,WEOS			1317	72	FG	13	850	850	22	110		KL		4/2/2014	CJ
37,28	EEOS,WEOS			1319	72	FG	13	850	850	22	132		KL		4/2/2014	CJ
38,28	EEOS,WEOS			1321	72	FG	13	850	850	22	154		KL		4/2/2014	CJ
39,28	EEOS,WEOS			1323	72	FG	13	850	850	22	176		KL		4/2/2014	CJ
43,44	NEOS,SEOS			1344	72	FG	13	850	850	22	198		KL		4/2/2014	CJ
45,48	NEOS,SEOS			1355	72	FG	13	850	850	265	463		KL		4/2/2014	CJ
47,48	NEOS,SEOS			1541	73	FG	13	850	850	22	485		KL		4/2/2014	CJ
46,48	NEOS,SEOS			1557	74	FG	13	850	850	29	24	490	KL	DS-9	4/2/2014	CJ
45,46	NEOS,SEOS			1610	74	FG	13	850	850	22	46		KL		4/2/2014	CJ
49,50	NEOS,SEOS			1617	75	FG	13	850	850	22	68		KL		4/2/2014	CJ

\* REFERENCE SEAM ENDPOINTS FROM END OF SEAM (EOS),

PAGE TOTAL: 514

\*\* DATA TO BE COMPLETED BY THE

DEFECT NUMBER OR A POINT LOCATION ON A SEAM

PAGE DESTRUCTIVE LENGTH CARRY-OVER

DATA REVIEWER ONLY.

DAILY TOTAL WELDED (FT)

Page #	Page Total Carryover
<u>7</u>	<u>315</u>

Reviewed By: SN

Date: 6/9/2014



**Brantley  
Engineering, LLC**

OWNER: Omni Waste of Osceola County, LLC  
ENGINEER: Geosyntec  
INSTALLER: Comanco  
DATE: 4/22/2014

## PASSING TRIAL SEAMS

NO.	TIME	TECH ID
TF-1	1117	AL

Page # 5 Mileage: 171

PAGE NUMBER: 9

Date: 6/9/2014



DATE: 4/23/2014

PROJECT LOCATION : St. Cloud, Florida

## PASSING TRIAL SEAMS

NO.	TIME	TECH ID
TF-1	1040	FG
TF-4	1055	FG

Page # 8 Mileage: 68

MACHINE # A032

PAGE NUMBER: 10

Date: 6/9/2014



**Brantley  
Engineering, LLC**

OWNER: Omni Waste of Osceola County, LLC  
ENGINEER: Geosyntec  
INSTALLER: Comanco  
DATE: 4/23/2014

## PASSING TRIAL SEAMS

NO.	TIME	TECH ID
TF-3	1050	MI

FROM

Page # 6 Mileage: 381

MACHINE # A020

PAGE NUMBER: 11

[illegible]

PAGE TOTAL:	1346
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PAGE DESTRUCTIVE LENGTH CARRY-OVER

DATA REVIEWER ONLY.

DAILY TOTAL WELDED (FT)


Reviewed By: SN

Date: 6/9/2014

**BRANTLEY ENGINEERING, LLC**  
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PROJECT # 2014-101  
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 INSTALLER: Comanco  
 DATE: 4/23/2014

LAYER:	
PRIMARY	
SECONDARY	X
OTHER	

PASSING TRIAL SEAMS		
NO.	TIME	TECH ID
TF-2	1035	AL
TF-5	1102	AL

DESTRUCTIVE SEAM LENGTH CARRY-OVER

FROM

Page # 9 Mileage: 248

MACHINE # A043

PAGE NUMBER: 12

SEAM NUMBER	SEAM SECTION	APPROX. START TIME	AMB. AIR TEMP	WELD TECH	MACHINE SETTINGS			APPROX. LENGTH WELDED	LENGTH FROM PREVIOUS DESTR.	DESTRUCT MILEAGE	QA MON.	DESTRUCT NO. OR REMARKS	** PASSING - NON DESTRUCTIVE TESTING	
					MACH SPEED	DIGITAL SET	INDICATOR						TEST DATE	QA MON.
	START POINT	* *	FINISH POINT	WEDGE		WEDGE								
	51,52	SEOS,NEOS	1040	76	AL	12	850	850	22	270		CJ		4/23/2014
50,51	WEOS,EEOS	1049	76	AL	12	850	850	136	406		CJ		4/23/2014	CJ
51,54	WEOS,EEOS	1105	77	AL	12	850	850	139	65	480	CJ	DS-15	4/23/2014	CJ
55,56	SEOS,NEOS	1123	77	AL	12	850	850	22	87		CJ		4/23/2014	CJ
54,55	WEOS,EEOS	1130	78	AL	12	850	850	70	157		CJ		4/23/2014	CJ
55,58	WEOS,EEOS	1245	79	AL	12	850	850	71	228		CJ		4/23/2014	CJ
59,60	SEOS,NEOS	1300	79	AL	12	850	850	22	250		CJ		4/23/2014	CJ
58,59	WEOS,EEOS	1307	80	AL	12	850	850	54	304		CJ		4/23/2014	CJ
60,61	WEOS,EEOS	1321	80	AL	12	850	850	454	278	480	CJ	DS-20	4/23/2014	CJ
59,61	WEOS,EEOS	1358	80	AL	12	850	850	16	294		CJ		4/23/2014	CJ
59,62	WEOS,EEOS	1359	80	AL	12	850	850	39	333		CJ		4/23/2014	CJ
62,63	WEOS,EEOS	1408	80	AL	12	850	850	40	373		CJ		4/23/2014	CJ

\* REFERENCE SEAM ENDPOINTS FROM END OF SEAM (EOS),

PAGE TOTAL: 1085

\*\* DATA TO BE COMPLETED BY THE

DEFECT NUMBER OR A POINT LOCATION ON A SEAM

PAGE DESTRUCTIVE LENGTH CARRY-OVER

373

DATA REVIEWER ONLY.

DAILY TOTAL WELDED (FT)

1085

Page #	Page Total Carryover

Reviewed By: SN

Date: 6/9/2014

**BRANTLEY ENGINEERING, LLC**  
**GEOMEMBRANE FUSION SEAM LOG**

PROJECT # 2014-101  
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 PROJECT LOCATION : St. Cloud, Florida



OWNER: Omni Waste of Osceola County, LLC  
 ENGINEER: Geosyntec  
 INSTALLER: Comanco  
 DATE: 4/25/2014

LAYER:	
PRIMARY	
SECONDARY	X
OTHER	

PASSING TRIAL SEAMS		
NO.	TIME	TECH ID
TF-1	1300	AL

DESTRUCTIVE SEAM LENGTH CARRY-OVER

FROM

Page # 12 Mileage: 373

MACHINE # A043

PAGE NUMBER: 13

SEAM NUMBER	SEAM SECTION			APPROX. START TIME	AMB. AIR TEMP	WELD TECH	MACHINE SETTINGS			APPROX. LENGTH WELDED	LENGTH FROM PREVIOUS DESTR.	DESTRUCT MILEAGE	QA MON.	DESTRUCT NO. OR REMARKS	** PASSING - NON DESTRUCTIVE TESTING	
	START POINT	* *	FINISH POINT				MACH SPEED	DIGITAL SET	INDICATOR						TEST DATE	QA MON.
								WEDGE	WEDGE							
64,65	WEOS,EEOS			3121	79	AL	12	850	850	45	418		CJ		4/25/2014	KL
63,65	WEOS,EEOS			1324	79	AL	12	850	850	395	333	480	CJ	DS-21	4/25/2014	KL
63,66	WEOS,EEOS			1401	80	AL	12	850	850	76	409		CJ		4/25/2014	KL
65,66	SEOS,NEOS			1411	81	AL	12	850	850	22	431		CJ		4/25/2014	KL
69,70	SEOS,NEOS			1416	81	AL	12	850	850	22	453		CJ		4/25/2014	KL
69,72	WEOS,EEOS			1432	81	AL	12	850	850	167	140	480	CJ	DS-24	4/25/2014	KL
69,71	WEOS,EEOS			1450	82	AL	12	850	850	230	370		CJ		4/25/2014	KL
70,71	WEOS,EEOS			1506	82	AL	12	850	850	121	21	470	CJ	DS-26	4/25/2014	KL
76,77	WEOS,EEOS			1529	82	AL	12	850	850	208	229		CJ		4/25/2014	KL
75,77	WEOS,EEOS			1553	82	AL	12	850	850	80	309		CJ		4/25/2014	KL
75,78	WEOS,EEOS			1603	82	AL	12	850	850	220	49	480	CJ	DS-28	4/25/2014	KL
81,82	NEOS,SEOS			1627	81	AL	12	850	850	22	71		CJ		4/25/2014	KL
81,84	WEOS,EEOS			1655	80	AL	12	850	850	235	306		CJ		4/25/2014	KL
82,84	WEOS,EEOS			1715	80	AL	12	850	850	101	407		CJ		4/25/2014	KL
82,83	WEOS,EEOS			1725	80	AL	12	850	850	177	104	480	CJ	DS-32	4/25/2014	KL

\* REFERENCE SEAM ENDPOINTS FROM END OF SEAM (EOS),

PAGE TOTAL: 2121

\*\* DATA TO BE COMPLETED BY THE

DEFECT NUMBER OR A POINT LOCATION ON A SEAM

PAGE DESTRUCTIVE LENGTH CARRY-OVER

104

DATA REVIEWER ONLY.

DAILY TOTAL WELDED (FT)

2121

Page #	Page Total Carryover

Reviewed By: SN

Date: 6/9/2014

**BRANTLEY ENGINEERING, LLC**  
**GEOMEMBRANE FUSION SEAM LOG**

PROJECT # 2014-101  
 PROJECT DESCRIPTION : JED Cell 10 Construction  
 PROJECT LOCATION : St. Cloud, Florida



OWNER: Omni Waste of Osceola County, LLC  
 ENGINEER: Geosyntec  
 INSTALLER: Comanco  
 DATE: 4/25/2014

LAYER:	
PRIMARY	
SECONDARY	X
OTHER	

PASSING TRIAL SEAMS		
NO.	TIME	TECH ID
TF-2	1320	FG
TF-4	1402	FG

DESTRUCTIVE SEAM LENGTH CARRY-OVER

FROM

Page # 10 Mileage: 409

MACHINE # A032

PAGE NUMBER: 14

SEAM NUMBER	SEAM SECTION START * FINISH POINT * POINT	APPROX. START TIME	AMB. AIR TEMP	WELD TECH	MACHINE SETTINGS			APPROX. LENGTH WELDED	LENGTH FROM PREVIOUS DESTR.	DESTRUCT MILEAGE	QA MON.	DESTRUCT NO. OR REMARKS	** PASSING - NON DESTRUCTIVE TESTING	
					MACH SPEED	DIGITAL SET	INDICATOR						TEST DATE	QA MON.
						WEDGE	WEDGE							
65,68	WEOS,EEOS	1352	79	FG	14	850	850	108	27	490	CJ	DS-22	4/25/2014	KL
65,67	WEOS,EEOS	1359	80	FG	14	850	850	321	348		CJ		4/25/2014	KL
66,67	WEOS,EEOS	1420	80	FG	14	850	850	76	424		CJ		4/25/2014	KL
71,72	NEOS,SEOS	1435	80	FG	14	850	850	22	446		CJ		4/25/2014	KL
72,73	WEOS,EEOS	1441	80	FG	14	850	850	161	117	490	CJ	DS-25	4/25/2014	KL
71,73	WEOS,EEOS	1453	81	FG	14	850	850	175	292		CJ		4/25/2014	KL
71,74	WEOS,EEOS	1505	81	FG	14	850	850	168	460		CJ		4/25/2014	KL
77,78	SEOS,NEOS	1535	81	FG	14	850	850	22	482		CJ		4/25/2014	KL
77,80	WEOS,EEOS	1557	81	FG	14	850	850	265	252	495	CJ	DS-29	4/25/2014	KL
78,80	WEOS,EEOS	1616	81	FG	14	850	850	21	273		CJ		4/25/2014	KL
78,79	WEOS,EEOS	1618	80	FG	14	850	850	215	8	480	CJ	DS-30	4/25/2014	KL
83,84	SEOS,NEOS	1648	80	FG	14	850	850	22	30		CJ		4/25/2014	KL
84,85	WEOS,EEOS	1658	80	FG	14	850	850	170	200		CJ		4/25/2014	KL
84,86	WEOS,EEOS	1716	79	FG	14	850	850	163	363		CJ		4/25/2014	KL
83,86	WEOS,EEOS	1725	79	FG	14	850	850	186	69	480	CJ	DS-34	4/25/2014	KL

\* REFERENCE SEAM ENDPOINTS FROM END OF SEAM (EOS),

PAGE TOTAL: 2095

\*\* DATA TO BE COMPLETED BY THE

DEFECT NUMBER OR A POINT LOCATION ON A SEAM

PAGE DESTRUCTIVE LENGTH CARRY-OVER

69

DATA REVIEWER ONLY.

DAILY TOTAL WELDED (FT)

2095

Page #	Page Total Carryover

Reviewed By: SN

Date: 6/9/2014

**BRANTLEY ENGINEERING, LLC**  
**GEOMEMBRANE FUSION SEAM LOG**

PROJECT # 2014-101  
 PROJECT DESCRIPTION : JED Cell 10 Construction  
 PROJECT LOCATION : St. Cloud, Florida



OWNER: Omni Waste of Osceola County, LLC  
 ENGINEER: Geosyntec  
 INSTALLER: Comanco  
 DATE: 4/25/2014

LAYER:	
PRIMARY	
SECONDARY	X
OTHER	

PASSING TRIAL SEAMS		
NO.	TIME	TECH ID
TF-3	1335	MI

DESTRUCTIVE SEAM LENGTH CARRY-OVER

FROM

Page # 11 Mileage: 287

MACHINE # A020

PAGE NUMBER: 15

SEAM NUMBER	SEAM SECTION	APPROX.  START TIME	AMB.  AIR TEMP	WELD  TECH	MACHINE SETTINGS			APPROX.  LENGTH WELDED	LENGTH FROM PREVIOUS DESTR.	DESTRUCT MILEAGE	QA MON.	DESTRUCT NO.  OR REMARKS	** PASSING - NON DESTRUCTIVE TESTING	
					MACH SPEED	DIGITAL SET	INDICATOR						TEST DATE	QA MON.
	START POINT	* FINISH POINT	WEDGE	WEDGE										
	67,68	NEOS,SEOS	1355	80	MI	14	850	850	22	309		CJ		4/25/2014
68,69	WEOS,EEOS	1406	80	MI	14	850	850	113	422		CJ		4/25/2014	KL
67,69	WEOS,EEOS	1415	80	MI	14	850	850	283	225	480	CJ	DS-23	4/25/2014	KL
67,70	WEOS,EEOS	1435	81	MI	14	850	850	120	345		CJ		4/25/2014	KL
73,74	SEOS,NEOS	1445	81	MI	14	850	850	22	367		CJ		4/25/2014	KL
75,76	NEOS,SEOS	1510	82	MI	14	850	850	22	389		CJ		4/25/2014	KL
73,76	WEOS,EEOS	1515	82	MI	14	850	850	213	122	480	CJ	DS-27	4/25/2014	KL
73,75	WEOS,EEOS	1532	82	MI	14	850	850	129	251		CJ		4/25/2014	KL
79,80	SEOS,NEOS	1611	81	MI	14	850	850	22	273		CJ		4/25/2014	KL
80,81	WEOS,EEOS	1620	81	MI	14	850	850	235	28	480	CJ	DS-31	4/25/2014	KL
80,82	WEOS,EEOS	1638	81	MI	14	850	850	38	66		CJ		4/25/2014	KL
79,82	WEOS,EEOS	1641	80	MI	14	850	850	245	311		CJ		4/25/2014	KL
85,88	WEOS,EEOS	1740	80	MI	14	850	850	170	481		CJ		4/26/2014	KL
86,88	WEOS,EEOS	1754	80	MI	14	850	850	83	74	490	CJ	DS-33	4/26/2014	KL
74,75	WEOS,EEOS	1540	80	MI	14	850	850	163	237		CJ		4/26/2014	KL

\* REFERENCE SEAM ENDPOINTS FROM END OF SEAM (EOS),

PAGE TOTAL: 1880

\*\* DATA TO BE COMPLETED BY THE

DEFECT NUMBER OR A POINT LOCATION ON A SEAM

PAGE DESTRUCTIVE LENGTH CARRY-OVER

237

DATA REVIEWER ONLY.

DAILY TOTAL WELDED (FT)

1880

Page #	Page Total Carryover

Reviewed By: SN

Date: 6/9/2014



OWNER: Omni Waste of Osceola County, LLC  
ENGINEER: Geosyntec  
INSTALLER: Comanco  
DATE: 5/25/2014

LAYER:

PRIMARY	
SECONDARY	X
OTHER	

## PASSING TRIAL SEAMS

NO.	TIME	TECH ID
TF-2	1320	FG
TF-4	1402	FG

## DESTRUCTIVE SEAM LENGTH CARRY-OVER

FROM

Page # 14 Mileage: 69

MACHINE # A032

PAGE NUMBER: 16

[illegible]

\* REFERENCE SEAM ENDPOINTS FROM END OF SEAM (EOS),

PAGE TOTAL:

\*\* DATA TO BE COMPLETED BY THE

DEFECT NUMBER OR A POINT LOCATION ON A SEAM

PAGE DESTRUCTIVE LENGTH CARRY-OVER

DATA REVIEWER ONLY.

DAILY TOTAL WELDED (FT)

Page #	Page Total	Carryover
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14	2095

Reviewed By: SN

Date: 6/9/2014



OWNER: Omni Waste of Osceola County, LLC  
ENGINEER: Geosyntec  
INSTALLER: Comanco  
DATE: 4/25/2014

LAYER:

PRIMARY	
SECONDARY	X
OTHER	

## PASSING TRIAL SEAMS

NO.	TIME	TECH ID
TF-1	1300	AL

## DESTRUCTIVE SEAM LENGTH CARRY-OVER

FROM

Page # 13 Mileage: 104

MACHINE # A043

PAGE NUMBER: 17

[illegible]

\* REFERENCE SEAM ENDPOINTS FROM END OF SEAM (EOS),

PAGE TOTAL: 153

\*\* DATA TO BE COMPLETED BY THE

DEFECT NUMBER OR A POINT LOCATION ON A SEAM

PAGE DESTRUCTIVE LENGTH CARRY-OVER

DATA REVIEWER ONLY.

DAILY TOTAL WELDED (FT)

Page #	Page Total Carryover
13	2121

Reviewed By: SN

Date: 6/9/2014



OWNER: Omni Waste of Osceola County, LLC  
ENGINEER: Geosyntec  
INSTALLER: Comanco  
DATE: 4/25/2014

LAYER:

PRIMARY	
SECONDARY	X
OTHER	

## PASSING TRIAL SEAMS

NO.	TIME	TECH ID
TF-3	1335	MI

## DESTRUCTIVE SEAM LENGTH CARRY-OVER

FROM

Page # 15 Mileage: 237

MACHINE # A020

PAGE NUMBER: 18

[illegible]

\* REFERENCE SEAM ENDPOINTS FROM END OF SEAM (EOS),

PAGE TOTAL:

\*\* DATA TO BE COMPLETED BY THE

DEFECT NUMBER OR A POINT LOCATION ON A SEAM

PAGE DESTRUCTIVE LENGTH CARRY-OVER

DATA REVIEWER ONLY.

DAILY TOTAL WELDED (FT)

Page #	Page Total	Carryover
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15	1880

Reviewed By: SN

Date: 6/9/2014

**BRANTLEY ENGINEERING, LLC**  
**GEOMEMBRANE FUSION SEAM LOG**

PROJECT # 2014-101  
 PROJECT DESCRIPTION : JED Cell 10 Construction  
 PROJECT LOCATION : St. Cloud, Florida



OWNER: Omni Waste of Osceola County, LLC  
 ENGINEER: Geosyntec  
 INSTALLER: Comanco  
 DATE: 5/7/2014

LAYER:	
PRIMARY	
SECONDARY	x
OTHER	

PASSING TRIAL SEAMS		
NO.	TIME	TECH ID
TF-2	1115	AL
TF-4	1125	AL

DESTRUCTIVE SEAM LENGTH CARRY-OVER

FROM

Page # 0 Mileage: 0

MACHINE # A033

PAGE NUMBER: 19

SEAM NUMBER	SEAM SECTION START * FINISH POINT * POINT	APPROX. START TIME	AMB. AIR TEMP	WELD TECH	MACHINE SETTINGS			APPROX. LENGTH WELDED	LENGTH FROM PREVIOUS DESTR.	DESTRUCT MILEAGE	QA MON.	DESTRUCT NO. OR REMARKS	** PASSING - NON DESTRUCTIVE TESTING	
					MACH SPEED	DIGITAL SET	INDICATOR						TEST DATE	QA MON.
						WEDGE	WEDGE							
88, 90	WEOS, EEOS	1235	87	AL	12	850	850	334	334		CJ		5/7/2014	KL
88, 89	WEOS, EEOS	1307	87	AL	12	850	850	24	358		CJ		5/7/2014	KL
87, 89	WEOS, EEOS	1309	87	AL	12	850	850	153	31	480	CJ	DS-35	5/7/2014	KL
94, 95	WEOS, EEOS	1339	87	AL	12	850	850	75	106		CJ		5/7/2014	KL
95, 96	NEOS, SEOS	1343	87	AL	12	850	850	22	128		CJ		5/7/2014	KL
94, 96	WEOS, EEOS	1347	88	AL	12	850	850	326	454		CJ		5/7/2014	KL
93, 96	WEOS, EEOS	1410	88	AL	12	850	850	110	84	480	CJ	DS-38	5/7/2014	KL
101, 102	NEOS, SEOS	1438	88	AL	12	850	850	22	106		CJ		5/7/2014	KL
99, 102	WEOS, EEOS	1503	88	AL	12	850	850	25	131		CJ		5/7/2014	KL
100, 102	WEOS, EEOS	1506	88	AL	12	850	850	10	141		CJ		5/7/2014	KL
100, 101	WEOS, EEOS	1507	88	AL	12	850	850	475	136	480	CJ	DS-41	5/7/2014	KL
103, 104	NEOS, SEOS	1435	88	AL	12	850	850	22	158		CJ		5/7/2014	KL
104, 106	WEOS, EEOS	1547	88	AL	12	850	850	233	391		CJ		5/7/2014	KL
105, 106	9W, EEOS	1608	88	AL	12	850	850	44	435		CJ		5/7/2014	KL

\* REFERENCE SEAM ENDPOINTS FROM END OF SEAM (EOS),

PAGE TOTAL: 1875

\*\* DATA TO BE COMPLETED BY THE

DEFECT NUMBER OR A POINT LOCATION ON A SEAM

PAGE DESTRUCTIVE LENGTH CARRY-OVER

435

DATA REVIEWER ONLY.

DAILY TOTAL WELDED (FT)

1875

Page #	Page Total Carryover

Reviewed By: SN

Date: 6/9/2014

**BRANTLEY ENGINEERING, LLC**  
**GEOMEMBRANE FUSION SEAM LOG**

PROJECT # 2014-101  
 PROJECT DESCRIPTION : JED Cell 10 Construction  
 PROJECT LOCATION : St. Cloud, Florida



OWNER: Omni Waste of Osceola County, LLC  
 ENGINEER: Geosyntec  
 INSTALLER: Comanco  
 DATE: 5/7/2014

LAYER:	
PRIMARY	
SECONDARY	X
OTHER	

PASSING TRIAL SEAMS		
NO.	TIME	TECH ID
TF-1	1110	FG
TF-5	1130	FG

DESTRUCTIVE SEAM LENGTH CARRY-OVER

FROM

Page # 16 Mileage: 226

MACHINE # A032

PAGE NUMBER: 20

SEAM NUMBER	SEAM SECTION START * FINISH POINT * POINT	APPROX. START TIME	AMB. AIR TEMP	WELD TECH	MACHINE SETTINGS			APPROX. LENGTH WELDED	LENGTH FROM PREVIOUS DESTR.	DESTRUCT MILEAGE	QA MON.	DESTRUCT NO.  OR REMARKS	** PASSING - NON DESTRUCTIVE TESTING	
					MACH SPEED	DIGITAL SET	INDICATOR						TEST DATE	QA MON.
						WEDGE	WEDGE							
90, 91	WEOS, EEOS	1240	84	FG	14	850	850	146	372		CJ		5/7/2014	KL
90, 92	WEOS, EEOS	1256	84	FG	14	850	850	184	76	480	CJ	DS-36	5/7/2014	KL
89, 92	WEOS, EEOS	1307	84	FG	14	850	850	182	258		CJ		5/7/2014	KL
93, 94	SEOS, NEOS	1324	85	FG	14	850	850	22	280		CJ		5/7/2014	KL
97, 98	SEOS, NEOS	1330	87	FG	14	850	850	22	302		CJ		5/7/2014	KL
95, 98	WEOS, EEOS	1348	88	FG	14	850	850	73	375		CJ		5/7/2014	KL
96, 98	WEOS, EEOS	1355	88	FG	14	850	850	403	298	480	CJ	DS-39	5/7/2014	KL
96, 97	WEOS, EEOS	1425	88	FG	14	850	850	39	337		CJ		5/7/2014	KL
102, 103	WEOS, EEOS	1500	88	FG	14	850	850	30	367		CJ		5/7/2014	KL
102, 104	WEOS, EEOS	1502	88	FG	14	850	850	5	372		CJ		5/7/2014	KL
101, 104	WEOS, EEOS	1502	88	FG	14	850	850	440	332	480	CJ	DS-42	5/7/2014	KL
101, 105	WEOS, EEOS	1536	88	FG	14	850	850	44	376		CJ		5/7/2014	KL
103, 107	WEOS, EEOS	1558	88	FG	14	850	850	30	406		CJ		5/7/2014	KL
104, 107	WEOS, EEOS	1559	88	FG	14	850	850	27	433		CJ		5/7/2014	KL
104, 106	WEOS,9W	1607	88	FG	14	850	850	182	135	480	CJ	DS-43	5/7/2014	KL

\* REFERENCE SEAM ENDPOINTS FROM END OF SEAM (EOS),

PAGE TOTAL: 1829

\*\* DATA TO BE COMPLETED BY THE

DEFECT NUMBER OR A POINT LOCATION ON A SEAM

PAGE DESTRUCTIVE LENGTH CARRY-OVER

135

DATA REVIEWER ONLY.

DAILY TOTAL WELDED (FT)

1829

Page #	Page Total Carryover

Reviewed By: SN

Date: 6/9/2014

**BRANTLEY ENGINEERING, LLC**  
**GEOMEMBRANE FUSION SEAM LOG**

PROJECT # 2014-101  
 PROJECT DESCRIPTION : JED Cell 10 Construction  
 PROJECT LOCATION : St. Cloud, Florida



OWNER: Omni Waste of Osceola County, LLC  
 ENGINEER: Geosyntec  
 INSTALLER: Comanco  
 DATE: 5/7/2014

LAYER:	
PRIMARY	
SECONDARY	X
OTHER	

PASSING TRIAL SEAMS		
NO.	TIME	TECH ID
TF-3	1120	MI
TF-6	1135	MI

DESTRUCTIVE SEAM LENGTH CARRY-OVER

FROM

Page # 18 Mileage: 260

MACHINE # A020

PAGE NUMBER: 21

SEAM NUMBER	SEAM SECTION START * FINISH POINT * POINT		APPROX. START TIME	AMB. AIR TEMP	WELD TECH	MACHINE SETTINGS			APPROX. LENGTH WELDED	LENGTH FROM PREVIOUS DESTR.	DESTRUCT MILEAGE	QA MON.	DESTRUCT NO. OR REMARKS	** PASSING - NON DESTRUCTIVE TESTING	
						MACH SPEED	DIGITAL SET	INDICATOR						TEST DATE	QA MON.
							WEDGE	WEDGE							
89, 90	NEOS, SEOS		1135	83	MI	13	850	850	22	282		CJ		5/7/2014	KL
91, 92	NEOS, SEOS		1245	84	MI	13	850	850	22	304		CJ		5/7/2014	KL
91, 94	WEOS, EEOS		1310	85	MI	13	850	850	145	9	440	CJ	DS-37	5/7/2014	KL
92, 94	WEOS, EEOS		1320	85	MI	13	850	850	243	252		CJ		5/7/2014	KL
92, 93	WEOS, EEOS		1346	86	MI	13	850	850	86	338		CJ		5/7/2014	KL
99, 100	NEOS, SEOS		1405	87	MI	13	850	850	22	360		CJ		5/7/2014	KL
98, 99	WEOS, EEOS		1410	88	MI	13	850	850	28	388		CJ		5/7/2014	KL
98, 100	WEOS, EEOS		1412	88	MI	13	850	850	443	351	480	CJ	DS-40	5/7/2014	KL
104, 105	SEOS, NEOS		1510	88	MI	13	850	850	22	373		CJ		5/7/2014	KL
97, 100	WEOS, EEOS		1435	88	MI	13	850	850	39	412		CJ		5/7/2014	KL

\* REFERENCE SEAM ENDPOINTS FROM END OF SEAM (EOS),

PAGE TOTAL: 1072

\*\* DATA TO BE COMPLETED BY THE

DEFECT NUMBER OR A POINT LOCATION ON A SEAM

PAGE DESTRUCTIVE LENGTH CARRY-OVER

412

DATA REVIEWER ONLY.

DAILY TOTAL WELDED (FT)

1072

Page #	Page Total Carryover

Reviewed By:

SN

Date:

6/9/2014



Date: 6/9/2014



Reviewed By: SN  
Date: 6/9/2014



OWNER: Omni Waste of Osceola County, LLC  
ENGINEER: Geosyntec  
INSTALLER: Comanco  
DATE: 5/8/2014

LAYER:

PRIMARY	
SECONDARY	X
OTHER	

## PASSING TRIAL SEAMS

NO.	TIME	TECH ID
TF-2	900	MI

## DESTRUCTIVE SEAM LENGTH CARRY-OVER

FROM

Page # 21 Mileage: 412

MACHINE # A020

PAGE NUMBER: 24

[illegible]

\* REFERENCE SEAM ENDPOINTS FROM END OF SEAM (EOS),

PAGE TOTAL:

540

\*\* DATA TO BE COMPLETED BY THE

DEFECT NUMBER OR A POINT LOCATION ON A SEAM

PAGE DESTRUCTIVE LENGTH CARRY-OVER

472

DATA REVIEWER ONLY.

DAILY TOTAL WELDED (FT)

540

Page #	Page Total	Carryover
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Reviewed By:

SN

Date:

6/9/2014

**BRANTLEY ENGINEERING, LLC**  
**GEOMEMBRANE FUSION SEAM LOG**

PROJECT # 2014-101  
 PROJECT DESCRIPTION : JED Cell 10 Construction  
 PROJECT LOCATION : St. Cloud, Florida



OWNER: Omni Waste of Osceola County, LLC  
 ENGINEER: Geosyntec  
 INSTALLER: Comanco  
 DATE: 5/9/2014

LAYER:

PRIMARY	
SECONDARY	X
OTHER	

PASSING TRIAL SEAMS

NO.	TIME	TECH ID
TF-1	820	AL
TF-4	835	AL

DESTRUCTIVE SEAM LENGTH CARRY-OVER

FROM

Page # 22 Mileage: 157

MACHINE # A033

PAGE NUMBER: 25

SEAM NUMBER	SEAM SECTION	APPROX. START TIME	AMB. AIR TEMP	WELD TECH	MACHINE SETTINGS			APPROX. LENGTH WELDED	LENGTH FROM PREVIOUS DESTR.	DESTRUCT MILEAGE	QA MON.	DESTRUCT NO. OR REMARKS	** PASSING - NON DESTRUCTIVE TESTING	
					MACH SPEED	DIGITAL SET	INDICATOR						TEST DATE	QA MON.
	START POINT	* FINISH POINT	WEDGE	WEDGE										
	110, 112	WEOS, EEOS	903	77	AL	12	850	850	245	402		CJ		5/9/2014
117, 118	NEOS, SEOS	933	78	AL	12	850	850	95	17	480	CJ	DS-48	5/9/2014	KL
113, 115	WEOS, EEOS	1000	78	AL	12	850	850	22	39		CJ		5/9/2014	KL
113, 116	WEOS, EEOS	1002	78	AL	12	850	850	22	61		CJ		5/9/2014	KL
113, 117	WEOS, EEOS	1004	78	AL	12	850	850	22	83		CJ		5/9/2014	KL
113, 118	WEOS, EEOS	1006	79	AL	12	850	850	22	105		CJ		5/9/2014	KL
113, 119	WEOS, EEOS	1008	79	AL	12	850	850	22	127		CJ		5/9/2014	KL
113, 120	WEOS, EEOS	1010	79	AL	12	850	850	22	149		CJ		5/9/2014	KL
113, 121	WEOS, EEOS	1012	79	AL	12	850	850	22	171		CJ		5/9/2014	KL
113, 122	WEOS, EEOS	1014	79	AL	12	850	850	4	175		CJ	Covered by 13B		
114, 122	WEOS, EEOS	1014	79	AL	12	850	850	18	193		CJ		5/9/2014	KL
114,123	WEOS, EEOS	1016	79	AL	12	850	850	22	215		CJ		5/9/2014	KL
114, 124	WEOS, EEOS	1018	79	AL	12	850	850	22	237		CJ		5/9/2014	KL

\* REFERENCE SEAM ENDPOINTS FROM END OF SEAM (EOS),

PAGE TOTAL: 560

\*\* DATA TO BE COMPLETED BY THE

DEFECT NUMBER OR A POINT LOCATION ON A SEAM

PAGE DESTRUCTIVE LENGTH CARRY-OVER

DATA REVIEWER ONLY.

DAILY TOTAL WELDED (FT)

Page #	Page Total Carryover

Reviewed By:

SN

Date:

6/9/2014



**Brantley  
Engineering, LLC**

OWNER: Omni Waste of Osceola County, LLC  
ENGINEER: Geosyntec  
INSTALLER: Comanco  
DATE: 5/9/2014

LAYER:

PRIMARY	
SECONDARY	X
OTHER	

## PASSING TRIAL SEAMS

NO.	TIME	TECH ID
TF-3	830	MI

## DESTRUCTIVE SEAM LENGTH CARRY-OVER

FROM

Page # 24 Mileage: 472

MACHINE # A020

PAGE NUMBER: 26

[illegible]

\* REFERENCE SEAM ENDPOINTS FROM END OF SEAM (EOS),

PAGE TOTAL:

\*\* DATA TO BE COMPLETED BY THE

DEFECT NUMBER OR A POINT LOCATION ON A SEAM

PAGE DESTRUCTIVE LENGTH CARRY-OVER

DATA REVIEWER ONLY.

DAILY TOTAL WELDED (FT)

Page #	Page Total	Carryover
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Reviewed By:

SN

Date:

6/9/2014

**BRANTLEY ENGINEERING, LLC**  
**GEOMEMBRANE FUSION SEAM LOG**

PROJECT # 2014-101  
 PROJECT DESCRIPTION : JED Cell 10 Construction  
 PROJECT LOCATION : St. Cloud, Florida



OWNER: Omni Waste of Osceola County, LLC  
 ENGINEER: Geosyntec  
 INSTALLER: Comanco  
 DATE: 5/9/2014

LAYER:	
PRIMARY	
SECONDARY	X
OTHER	

PASSING TRIAL SEAMS		
NO.	TIME	TECH ID
TF-2	825	FG
TF-5	840	FG

DESTRUCTIVE SEAM LENGTH CARRY-OVER

FROM

Page # 23 Mileage: 214

MACHINE # A032

PAGE NUMBER: 27

SEAM NUMBER	SEAM SECTION  START   *   FINISH POINT   *   POINT	APPROX.  START TIME	AMB.  AIR TEMP	WELD  TECH	MACHINE SETTINGS			APPROX.  LENGTH WELDED	LENGTH FROM PREVIOUS DESTR.		QA  MON.	DESTRUCT NO.  OR REMARKS	** PASSING - NON DESTRUCTIVE TESTING	
					MACH SPEED	DIGITAL SET	INDICATOR						TEST DATE	QA MON.
		WEDGE	WEDGE											
112, 113	WEOS, EEOS	902	77	FG	13	850	850	174	388		CJ		5/9/2014	KL
112, 114	WEOS, EEOS	916	77	FG	13	850	850	72	460		CJ		5/9/2014	KL
116, 117	NEOS, SEOS	931	78	FG	13	850	850	95	75	480	CJ	DS-47	5/9/2014	KL
119, 120	NEOS, SEOS	946	78	FG	13	850	850	90	165		CJ		5/9/2014	KL
120, 121	NEOS, SEOS	1000	78	FG	13	850	850	85	250		CJ		5/9/2014	KL
123, 124	NEOS, SEOS	1030	78	FG	13	850	850	80	330		CJ		5/9/2014	KL
115, 125	NEOS, SEOS	1045	79	FG	13	850	850	98	428		CJ		5/9/2014	KL

\* REFERENCE SEAM ENDPOINTS FROM END OF SEAM (EOS),

PAGE TOTAL: 694

\*\* DATA TO BE COMPLETED BY THE

DEFECT NUMBER OR A POINT LOCATION ON A SEAM

PAGE DESTRUCTIVE LENGTH CARRY-OVER

428

DATA REVIEWER ONLY.

DAILY TOTAL WELDED (FT)

694

Page #	Page Total Carryover

Reviewed By:

SN

Date:

6/9/2014

**BRANTLEY ENGINEERING, LLC**  
**GEOMEMBRANE FUSION SEAM LOG**

PROJECT # 2014-101  
 PROJECT DESCRIPTION : JED Cell 10 Construction  
 PROJECT LOCATION : St. Cloud, Florida



OWNER: Omni Waste of Osceola County, LLC  
 ENGINEER: Geosyntec  
 INSTALLER: Comanco  
 DATE: 5/10/2014

LAYER:	
PRIMARY	
SECONDARY	X
OTHER	

PASSING TRIAL SEAMS		
NO.	TIME	TECH ID
TF-1	800	MI
TF-4	815	MI

DESTRUCTIVE SEAM LENGTH CARRY-OVER

FROM

Page # 26 Mileage: 370

MACHINE # A020

PAGE NUMBER: 28

SEAM NUMBER	SEAM SECTION	APPROX.  START TIME	AMB.  AIR TEMP		MACHINE SETTINGS			APPROX.  LENGTH WELDED	LENGTH  FROM PREVIOUS DESTR.		QA  MON.	DESTRUCT NO.  OR REMARKS	** PASSING - NON	
					MACH  SPEED	DIGITAL SET	INDICATOR						DESTRUCTIVE TESTING	
	START POINT	* FINISH POINT					TEST DATE	QA MON						
					WELD TECH		WEDGE	WEDGE						
129, 130	SEOS, NEOS	856	78	MI	12	850	850	93	463		CJ		5/10/2014	KL
130, 131	SEOS, NEOS	908	78	MI	12	850	850	91	74	480	CJ	DS-50	5/10/2014	KL
134, 135	SEOS, NEOS	950	80	MI	12	850	850	86	160		CJ		5/10/2014	KL
135, 136	SEOS, NEOS	1000	80	MI	12	850	850	86	246		CJ		5/10/2014	KL
136, 137	SEOS, NEOS	1020	80	MI	12	850	850	60	306		CJ		5/10/2014	KL
137, 138	SEOS, NEOS	1030	80	MI	12	850	850	30	336		CJ		5/10/2014	KL
140, 141	WEOS, EEOS	1045	80	MI	12	850	850	29	365		CJ		5/10/2014	KL
136, 140	SEOS, NEOS	1050	80	MI	12	850	850	17	382		CJ		5/10/2014	KL
137, 140	SEOS, NEOS	1055	80	MI	12	850	850	16	398		CJ		5/10/2014	KL
137, 141	SEOS, NEOS	1057	80	MI	12	850	850	27	425		CJ		5/10/2014	KL
138, 141	WEOS, EEOS	1059	80	MI	12	850	850	15	10	430	CJ	DS-53	5/10/2014	KL
124, 126	NEOS, SEOS	843	78	MI	12	850	850	58	68		CJ		5/10/2014	KL
114, 126	NEOS, SEOS	850	78	MI	12	850	850	20	88				5/10/2014	KL

\* REFERENCE SEAM ENDPOINTS FROM END OF SEAM (EOS),

PAGE TOTAL: 628

\*\* DATA TO BE COMPLETED BY THE

DEFECT NUMBER OR A POINT LOCATION ON A SEAM

PAGE DESTRUCTIVE LENGTH CARRY-OVER

88

DATA REVIEWER ONLY.

DAILY TOTAL WELDED (FT)

628

Page #	Page Total Carryover

Reviewed By: SN

Date: 6/9/2014



OWNER: Omni Waste of Osceola County, LLC  
ENGINEER: Geosyntec  
INSTALLER: Comanco  
DATE: 5/10/2014

LAYER:

PRIMARY	
SECONDARY	X
OTHER	

## PASSING TRIAL SEAMS

NO.	TIME	TECH ID
TF-2	805	FG
TF-3	810	FG

## DESTRUCTIVE SEAM LENGTH CARRY-OVER

FROM

Page # 27 Mileage: 428

MACHINE # A032

PAGE NUMBER: 29

[illegible]

\* REFERENCE SEAM ENDPOINTS FROM END OF SEAM (EOS),

PAGE TOTAL: 568

\*\* DATA TO BE COMPLETED BY THE

DEFECT NUMBER OR A POINT LOCATION ON A SEAM

PAGE DESTRUCTIVE LENGTH CARRY-OVER

DATA REVIEWER ONLY.

DAILY TOTAL WELDED (FT)

Page # Page Total Carryover


Reviewed By: SN

Date: 6/9/2014

**BRANTLEY ENGINEERING, LLC**  
**GEOMEMBRANE FUSION SEAM LOG**

PROJECT # 2014-101  
 PROJECT DESCRIPTION : JED Cell 10 Construction  
 PROJECT LOCATION : St. Cloud, Florida



OWNER: Omni Waste of Osceola County, LLC  
 ENGINEER: Geosyntec  
 INSTALLER: Comanco  
 DATE: 5/10/2014

LAYER:	
PRIMARY	
SECONDARY	X
OTHER	

PASSING TRIAL SEAMS		
NO.	TIME	TECH ID
TF-5	849	ST

DESTRUCTIVE SEAM LENGTH CARRY-OVER

FROM

Page # 25 Mileage: 237

MACHINE # A033

PAGE NUMBER: 30

SEAM NUMBER	SEAM SECTION	APPROX.  START TIME	AMB.  AIR TEMP	WELD  TECH	MACHINE SETTINGS			APPROX.  LENGTH WELDED	LENGTH  FROM PREVIOUS DESTR.	DESTRUCT  MILEAGE	QA  MON.	DESTRUCT NO.  OR REMARKS	** PASSING - NON DESTRUCTIVE TESTING	
					MACH  SPEED	DIGITAL SET	INDICATOR						TEST  DATE	QA  MON.
	START POINT	* *	FINISH POINT	WEDGE		WEDGE								
	133, 134	SEOS, NEOS	900	78	ST	10	800	800	87	324		CJ		5/10/2014
132, 133	SEOS, NEOS	910	78	ST	10	800	800	89	413		CJ		5/10/2014	KL
131, 232	SEOS, NEOS	925	78	ST	10	800	800	91	24	480	CJ	DS-51	5/10/2014	KL
112, 126	WEOS, EEOS	1022	80	ST	10	800	800	6	30		CJ	Capped	-	-
126, 139	WEOS, EEOS	1023	80	ST	10	800	800	16	46		CJ		5/10/2014	KL
112, 139	NEOS, SEOS	1024	80	ST	10	800	800	21	67		CJ		5/10/2014	KL
127, 139	WEOS, EEOS	1033	80	ST	10	800	800	22	89		CJ		5/10/2014	KL
128,139	WEOS, EEOS	1035	80	ST	10	800	800	22	111		CJ		5/10/2014	KL
129,139	WEOS, EEOS	1037	80	ST	10	800	800	21	132		CJ		5/10/2014	KL
130,139	WEOS, EEOS	1040	80	ST	10	800	800	22	154		CJ		5/10/2014	KL
131, 139	WEOS, EEOS	1043	80	ST	10	800	800	22	176		CJ		5/10/2014	KL
132, 139	WEOS, EEOS	1046	80	ST	10	800	800	21	197		CJ		5/10/2014	KL
133,139	WEOS, EEOS	1049	80	ST	10	800	800	22	219		CJ		5/10/2014	KL
134,139	WEOS, EEOS	1052	80	ST	10	800	800	22	241		CJ		5/10/2014	KL
135,139	WEOS, EEOS	1055	80	ST	10	800	800	21	262		CJ		5/10/2014	KL

\* REFERENCE SEAM ENDPOINTS FROM END OF SEAM (EOS),

PAGE TOTAL: 505

\*\* DATA TO BE COMPLETED BY THE

DEFECT NUMBER OR A POINT LOCATION ON A SEAM

PAGE DESTRUCTIVE LENGTH CARRY-OVER

DATA REVIEWER ONLY.

DAILY TOTAL WELDED (FT)

Page #	Page Total Carryover

Reviewed By: SN

Date: 6/9/2014



**Brantley  
Engineering, LLC**

OWNER: Omni Waste of Osceola County, LLC  
ENGINEER: Geosyntec  
INSTALLER: Comanco  
DATE: 5/10/2014

## PASSING TRIAL SEAMS

NO.	TIME	TECH ID
TF-5	849	ST

## DESTRUCTIVE SEAM LENGTH CARRY-OVER

FROM

Page # 30 Mileage: 266

MACHINE # A033

PAGE NUMBER: 31

[illegible]

PAGE TOTAL: 57

PAGE DESTRUCTIVE LENGTH CARRY-OVER

DAILY TOTAL WELDED (FT)

\*\* DATA TO BE COMPLETED BY THE

DATA REVIEWER ONLY.

Page #	Page Total Carryover
30	509

Reviewed By: SN

Date: 6/9/2014