

BRANTLEY ENGINEERING, LLC  
**GEOMEMBRANE EXTRUSION SEAM AND TEST 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
TX-1	1326	ED

DESTRUCTIVE SEAM LENGTH CARRY-OVER

FROM

PAGE # 0 Mileage: 0

MACHINE # A072

PAGE NUMBER: 1

EXTRUSION SEAMING										VACUUM TESTING				REMARKS	
SEAM NUMBER	* SEAM SECTION			APPROX. START TIME	AMB. AIR TEMP	WELD TECH	APPROX. LENGTH WELDED	LENGTH FROM PREVIOUS DESTR.	DESTRUCT MILEAGE	QA MON.	NON DESTR. TEST DATE	TECH ID	P/F		QA MON.
1,EX	NEOS,SEOS			1330	74	ED	20	20		CJ	4/23	FG	P	CJ	
2,EX	NEOS,SEOS			1338	74	ED	20	40		CJ	4/23	FG	P	CJ	
3,EX	NEOS,SEOS			1346	74	ED	20	60		CJ	4/23	FG	P	CJ	
4,EX	NEOS,SEOS			1354	74	ED	20	80		CJ	4/23	FG	P	CJ	
5,EX	NEOS,SEOS			1402	74	ED	20	100		CJ	4/23	FG	P	CJ	
6,EX	NEOS,SEOS			1410	74	ED	20	120		CJ	4/23	FG	P	CJ	
7,EX	NEOS,SEOS			1418	74	ED	20	140		CJ	4/23	FG	P	CJ	
8,EX	NEOS,SEOS			1426	74	ED	20	160		CJ	4/23	FG	P	CJ	
9,EX	NEOS,SEOS			1434	74	ED	20	180		CJ	4/23	FG	P	CJ	
10,EX	NEOS,SEOS			1442	74	ED	20	200		CJ	4/23	FG	P	CJ	

\* REFERENCE SEAM ENDPOINTS FROM

PAGE TOTAL: 200

END OF SEAM (EOS), DEFECT NUMBER

PAGE DESTRUCTIVE LENGTH CARRY-OVER

200

OR A POINT LOCATION ON A SEAM

DAILY TOTAL WELDED (FT)

REVIEWED BY : SN

DATE : 6/9/14

BRANTLEY ENGINEERING, LLC  
**GEOMEMBRANE EXTRUSION SEAM AND TEST LOG**

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PROJECT LOCATION : St. Cloud, Florida



**Brantley  
Engineering, LLC**

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

LAYER:

PRIMARY	
SECONDARY	X
OTHER	

PASSING TRIAL SEAMS

NO.	TIME	TECH ID
TX-1	738	ED
TX-2	1426	ED

DESTRUCTIVE SEAM LENGTH CARRY-OVER  
FROM

PAGE # 1 Mileage 200

MACHINE # A072

PAGE NUMBER 2

EXTRUSION SEAMING										VACUUM TESTING					
SEAM NUMBER	*			APPROX. START TIME	AMB. AIR TEMP	WELD TECH	APPROX. LENGTH WELDED	LENGTH FROM PREVIOUS DESTR.	DESTRUCT MILEAGE	QA MON.	NON DESTR.			REMARKS	
	START	*	FINISH								TEST	TECH			QA
	POINT	*	POINT								DATE	ID	P/F		MON.
64,EX	NEOS,SEOS			1320	88	ED	20	220		CJ	4/23	FG	P	CJ	
61,EX	NEOS,SEOS			1328	88	ED	20	240		CJ	4/23	FG	P	CJ	
60,EX	NEOS,SEOS			1336	88	ED	20	260		CJ	4/23	FG	P	CJ	
57,EX	NEOS,SEOS			1344	88	ED	20	280		CJ	4/23	FG	P	CJ	
56,EX	NEOS,SEOS			1352	88	ED	20	300		CJ	4/23	FG	P	CJ	
53,EX	NEOS,SEOS			1400	88	ED	20	320		CJ	4/23	FG	P	CJ	
52,EX	NEOS,SEOS			1408	88	ED	20	340		CJ	4/23	FG	P	CJ	
49,EX	NEOS,SEOS			1416	88	ED	20	360		CJ	4/23	FG	P	CJ	
48,EX	NEOS,SEOS			1424	88	ED	20	380		CJ	4/23	FG	P	CJ	
45,EX	NEOS,SEOS			1432	88	ED	20	400		CJ	4/23	FG	P	CJ	
44,EX	NEOS,SEOS			1440	88	ED	20	420		CJ	4/23	FG	P	CJ	
28,EX	NEOS,SEOS			1448	88	ED	20	440		CJ	4/23	FG	P	CJ	

\* REFERENCE SEAM ENDPOINTS FROM

PAGE TOTAL: 240

END OF SEAM (EOS), DEFECT NUMBER

PAGE DESTRUCTIVE LENGTH CARRY-OVER

440

OR A POINT LOCATION ON A SEAM

DAILY TOTAL WELDED (FT)

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INSTALLER: Comanco  
DATE: 4/23/2014

LAYER:

PRIMARY	
SECONDARY	X
OTHER	

PASSING TRIAL SEAMS

NO.	TIME	TECH ID
TX-1	738	ED
TX-2	1426	ED

DESTRUCTIVE SEAM LENGTH CARRY-OVER  
FROM

PAGE # 2 Mileage 440

MACHINE # A072

PAGE NUMBER 3

EXTRUSION SEAMING										VACUUM TESTING				REMARKS	
SEAM NUMBER	* SEAM SECTION			APPROX.	AMB.	WELD TECH	APPROX. LENGTH WELDED	LENGTH FROM PREVIOUS DESTR.	DESTRUCT MILEAGE	QA MON.	NON DESTR.	TECH ID	P/F		QA MON.
	START	*	FINISH	START	AIR						TEST				
	POINT	*	POINT	TIME	TEMP						DATE				
65,EX	NEOS,SEOS			1320	88	ED	20	460		CJ	4/23	FG	P	CJ	
68,EX	NEOS,SEOS			1328	88	ED	20	480		CJ	4/23	FG	P	CJ	
69,EX	NEOS,SEOS			1336	88	ED	20	500		CJ	4/23	FG	P	CJ	
72,EX	NEOS,SEOS			1344	88	ED	20	11	509	CJ	4/23	FG	P	CJ	DX-1
73,EX	NEOS,SEOS			1352	88	ED	20	31		CJ	4/23	FG	P	CJ	
76,EX	NEOS,SEOS			1400	88	ED	20	51		CJ	4/23	FG	P	CJ	
77,EX	NEOS,SEOS			1408	88	ED	20	71		CJ	4/23	FG	P	CJ	
80,EX	NEOS,SEOS			1416	88	ED	20	91		CJ	4/23	FG	P	CJ	
81,EX	NEOS,SEOS			1424	88	ED	20	111		CJ	4/23	FG	P	CJ	
84,EX	NEOS,SEOS			1432	88	ED	20	131		CJ	4/23	FG	P	CJ	
85,EX	NEOS,SEOS			1440	88	ED	20	151		CJ	4/23	FG	P	CJ	
88,EX	NEOS,SEOS			1448	88	ED	20	171		CJ	4/23	FG	P	CJ	

\* REFERENCE SEAM ENDPOINTS FROM

PAGE TOTAL: 240

END OF SEAM (EOS), DEFECT NUMBER

PAGE DESTRUCTIVE LENGTH CARRY-OVER

171

OR A POINT LOCATION ON A SEAM

DAILY TOTAL WELDED (FT)

REVIEWED BY : SN

DATE : 6/9/14

BRANTLEY ENGINEERING, LLC  
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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	1235	ED

DESTRUCTIVE SEAM LENGTH CARRY-OVER  
FROM

PAGE # 3 Mileage 171

MACHINE # A072

PAGE NUMBER 4

EXTRUSION SEAMING										VACUUM TESTING				REMARKS	
SEAM NUMBER	*			APPROX. START TIME	AMB. AIR TEMP	WELD TECH	APPROX. LENGTH WELDED	LENGTH FROM PREVIOUS DESTR.	DESTRUCT MILEAGE	QA MON.	NON DESTR. TEST DATE	TECH ID	P/F		QA MON.
	SEAM SECTION														
	START POINT	* *	FINISH POINT												
107,EX	NEOS,SEOS			1240	88	ED	20	191		CJ	5/8	FG	P	CJ	
103,EX	NEOS,SEOS			1248	88	ED	20	211		CJ	5/8	FG	P	CJ	
102,EX	NEOS,SEOS			1256	88	ED	20	231		CJ	5/8	FG	P	CJ	
99,EX	NEOS,SEOS			1304	88	ED	20	251		CJ	5/8	FG	P	CJ	
98,EX	NEOS,SEOS			1312	88	ED	20	271		CJ	5/8	FG	P	CJ	
95,EX	NEOS,SEOS			1320	88	ED	20	291		CJ	5/8	FG	P	CJ	
94,EX	NEOS,SEOS			1328	88	ED	20	311		CJ	5/8	FG	P	CJ	
91,EX	NEOS,SEOS			1336	88	ED	20	331		CJ	5/8	FG	P	CJ	
90,EX	NEOS,SEOS			1344	88	ED	20	351		CJ	5/8	FG	P	CJ	

\* REFERENCE SEAM ENDPOINTS FROM

PAGE TOTAL: 180

END OF SEAM (EOS), DEFECT NUMBER

PAGE DESTRUCTIVE LENGTH CARRY-OVER

351

OR A POINT LOCATION ON A SEAM

DAILY TOTAL WELDED (FT)

REVIEWED BY : SN

DATE : 6/9/14

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**Brantley  
Engineering, LLC**

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

LAYER:

## PASSING TRIAL SEAMS

PRIMARY	
SECONDARY	X
OTHER	

NO.	TIME	TECH ID
TX-1	850	ED

## DESTRUCTIVE SEAM LENGTH CARRY-OVER

FROM

PAGE # 4 Mileage 351

MACHINE # A072

PAGE NUMBER 5

[illegible]

\* REFERENCE SEAM ENDPOINTS FROM

PAGE TOTAL: 40

END OF SEAM (EOS), DEFECT NUMBER

PAGE DESTRUCTIVE LENGTH CARRY-OVER

OR A POINT LOCATION ON A SEAM

DAILY TOTAL WELDED (FT)

REVIEWED BY : SN

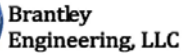
DATE : 6/9/14

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PROJECT # 2014-101

### PROJECT DESCRIPTION : JED Cell 10 Construction

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ENGINEER: Geosyntec

INSTALLER: Comanco

DATE: 5/9/2014

LAYER:

## PASSING TRIAL SEAMS

PRIMARY	
SECONDARY	X
OTHER	

NO.	TIME	TECH ID
TX-1	1235	ED

### DESTRUCTIVE SEAM LENGTH CARRY-OVER

FROM

PAGE # 5 Mileage 31

MACHINE # A072

PAGE NUMBER 6

[illegible]

\* REFERENCE SEAM ENDPOINTS FROM

PAGE TOTAL:	135
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END OF SEAM (EOS), DEFECT NUMBER

PAGE DESTRUCTIVE LENGTH CARRY-OVER

OR A POINT LOCATION ON A SEAM

DAILY TOTAL WELDED (FT)

REVIEWED BY : \_\_\_\_\_ SN \_\_\_\_\_

DATE : 6/9/14