



GEOMEMBRANE SEAM LOG

PROJECT NUMBER: 08C-019
OWNER: Government of Nunavut
LOCATION: Qikiqtarjuaq

PROJECT TITLE: Water treatment
CONTRACTOR: Kuulik const.

PASSING TRIAL SEAMS

	NO.	TIME		TECH ID
☒ FUSION		TF-3	7:20	MA
EXTRUSION		TF-4	13:30	MA
SOLVENT				

SHEET NUMBER: 2
DATE: aug 15/08

SEAM NUMBER	SEAM SECTION * START POINT FINISH POINT	APPROX. START TIME	AMB. AIR TEMP.	WELD TECH.	PREHEAT OR MACH. SPEED	MACHINE TEMPERATURES		APPROX. LENGTH WELDED	DESTR. NUMBER	CHK'D BY	REMARKS	NON-DESTRUCTIVE	
						DIGITAL SET WEDGE OR BARREL	DIGITAL SET WEDGE OR BARREL					TEST DATE	CHECKED BY
7 / 8	WEOS - EEO5	7:55	12°C	MA	50% 850'			170'		MA			
8 / 9	WEOS-EEO5	9:15	12°C	MA	50% 850'			170'		MA			
9 / 10	WEOS-EEO5	10:10	12°C	MA	50% 850'			170'		MA			
10 / 11	WEOS - EEO5	10:50	12°C	MA	50% 850'			170'	DI#1	MA			
11 / 12	WEOS - EEO5	11:20	12°C	MA	50% 850'			170'		MA			
12 / 13	WEOS - EEO5	13:50	12°C	MA	55% 850'			170'		MA			
13 / 14	WEOS - EEO5	14:50	12°C	MA	55% 850'			170'		MA			
15 / 16	WEOS - EEO5	16:55	12°C	MA	55% 850'			170'		MA			
/													
/													
/													
DAILY TOTAL									1360'				

* REFERENCE SEAM ENDPOINTS FROM AN END OF SEAM (EOS), A REPAIR, OR A POINT LOCATION ON THE SEAM.

SUBMITTED BY: M. Audet
DATE: _____



GEOMEMBRANE SEAM LOG

PROJECT NUMBER: 08C-019
OWNER: Government of Namibia
LOCATION: Gibitajung

PROJECT TITLE: Water reservoir
CONTRACTOR: Kudlik const

PASSING TRIAL SEAMS

NO.	TIME	TECH ID
TF-5	8:40	MA

SHEET NUMBER: 3
DATE: aug 18/08

SEAM NUMBER	SEAM SECTION * START POINT FINISH POINT	APPROX. START TIME	AMB. AIR TEMP.	WELD TECH.	PREHEAT OR MACH. SPEED	MACHINE TEMPERATURES		APPROX. LENGTH WELDED	DESTR. NUMBER	CHK'D BY	REMARKS	NON-DESTRUCTIVE	
						DIGITAL SET WEDGE OR BARREL	DIGITAL SET WEDGE OR BARREL					TEST DATE	CHECKED BY
17/19	SE05 - NE05	10:30	12°C	MA	55%	850°	-	115'	MA			08/18	MA
18/19	NE05 - SE05	12:10	12°C	MA	55%	850°	-	115'	MA				
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/	-					-	-						
DAILY TOTAL									230'				

* REFERENCE SEAM ENDPOINTS FROM AN END OF SEAM (EOS), A REPAIR, OR A POINT LOCATION ON THE SEAM.

SUBMITTED BY: M. Audet
DATE: _____



GEOMEMBRANE SEAM LOG

PROJECT NUMBER: 08C 09 PROJECT TITLE: Water reservoir
OWNER: Government of Mauritius CONTRACTOR: Kudlik cons.
LOCATION: Quintiny

PASSING TRIAL SEAMS

	NO.	TIME		TECH ID
☒ FUSION		TF-6	8:30	MA
EXTRUSION				
SOLVENT				

SHEET NUMBER: 4
DATE: aug 20/08

SEAM NUMBER	SEAM SECTION * START POINT FINISH POINT	APPROX. START TIME	AMB. AIR TEMP.	WELD TECH.	PREHEAT OR MACH. SPEED	MACHINE TEMPERATURES		APPROX. LENGTH WELDED	DESTR. NUMBER	CHKD BY	REMARKS	NON-DESTRUCTIVE	
						DIGITAL SET WEDGE OR BARREL	DIGITAL SET WEDGE OR BARREL					TEST DATE	CHECKED BY
16/20	WEOS-EOS	8:50	MA	MA	55%	850	-	150'		MA		08/20	MA
20/21	WEOS-EOS	10:10	8°C	MA	55%	850	-	150'	DT#1	MA		08/20	MA
21/22	WEOS-EOS	10:55	8°C	MA	55%	850	-	150'		MA		08/20	MA
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/	-	-	-	-	-	-	-	-					
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DAILY TOTAL												450'	

* REFERENCE SEAM ENDPOINTS FROM AN END OF SEAM (EOS), A REPAIR, OR A POINT LOCATION ON THE SEAM

LS FORM 4 SUBMITTED BY: M. Audet DATE: _____
LAYFIELD ENVIRONMENTAL SYSTEMS



GEOMEMBRANE SEAM LOG

PROJECT NUMBER: DBL-019

OWNER: Governmpt of Minnesota

LOCATION: Quikrete

PROJECT TITLE: water treatment

CONTRACTOR: Kudlik const

PASSING TRIAL SEAMS

	NO.	TIME		TECH ID
☒ FUSION		TF-7	8:00	MA
EXTRUSION		TF-8	13:30	MA
SOLVENT				

SHEET NUMBER: 5

DATE: aug 21/08

SEAM NUMBER	SEAM SECTION * START POINT FINISH POINT	APPROX. START TIME	AMB. AIR TEMP.	WELD TECH.	PREHEAT OR MACH. SPEED	MACHINE TEMPERATURES		APPROX. LENGTH WELDED	DESTR. NUMBER	CHK'D BY	REMARKS	NON-DESTRUCTIVE	
						DIGITAL SET WEDGE OR BARREL	DIGITAL SET WEDGE OR BARREL					TEST DATE	CHECKED BY
22/23	WEOS-EEOS	8:20	6°C	MA	55%	850	-	150'		MA			
23/24	WEOS-EEOS	8:45				-	-	150'					
24/25	WEOS-EEOS	9:40				-	-	150'					
25/26	WEOS-EEOS	10:20				-	-	150'					
26/27	WEOS-EEOS	10:45				-	-	150'					
27/28	WEOS-EEOS	11:18				-	-	150'					
28/29	WEOS-EEOS	13:50	↓	↓	↓	-	-	150'		↓			
29/30	WEOS-EEOS	14:05	6°C	MA	55%	850	-	150'		MA			
/	-	-				-	-						
/	-	-				-	-						
/	-	-				-	-						
DAILY TOTAL									1200'				

* REFERENCE SEAM ENDPOINTS FROM AN END OF SEAM (EOS), A REPAIR, OR A POINT LOCATION ON THE SEAM.

SUBMITTED BY: M. A. del

DATE: _____



GEOMEMBRANE SEAM LOG

PROJECT NUMBER: C&C-019 PROJECT TITLE: Water Reclamation
OWNER: Government of Nunavut CONTRACTOR: Kudlik Const
LOCATION: Qikiqtaalug

PASSING TRIAL SEAMS

	NO.	TIME		TECH ID
☒ FUSION	TF-9	7:50		MA
EXTRUSION	TF-10	13:20		MA
SOLVENT				

SHEET NUMBER: 6
DATE: aug 22/08

SEAM NUMBER	SEAM SECTION * START POINT FINISH POINT	APPROX. START TIME	AMB. AIR TEMP.	WELD TECH.	PREHEAT OR MACH. SPEED	MACHINE TEMPERATURES		APPROX. LENGTH WELDED	DESTR. NUMBER	CHK'D BY	REMARKS	NON-DESTRUCTIVE	
						DIGITAL SET WEDGE OR BARREL	DIGITAL SET WEDGE OR BARREL					TEST DATE	CHECKED BY
31/32	SEOS - NEOS	11:00	6°C	MA	55%	850°	-	113'		MA			
32/33	SEOS - NEOS	11:20				-	-	113'					
33/34	SEOS - NEOS	11:41				-	-	113'					
34/35	SEOS - NEOS	13:35				-	-	113'					
35/36	SEOS - NEOS	14:00				-	-	92'					
36/37	SEOS - NEOS	14:20				-	-	65'					
37/38	SEOS - NEOS	14:49				-	-	35'					
1/39	EEOS - WEOs	15:30				-	-	120'					
39/40	WEOs - EEOS	16:10				-	-	105'					
40/41	WEOs - EEOS	16:35	✓	✓	✓	-	-	80'		✓			
41/42	WEOs - EEOS	17:00	6°C	MA	55%	850°	-	50'		MA			

DAILY TOTAL
NEXT PAGE

* REFERENCE SEAM ENDPOINTS FROM AN END OF SEAM (EOS), A REPAIR, OR A POINT LOCATION ON THE SEAM.

SUBMITTED BY: M. Auld
DATE: _____



GEOMEMBRANE SEAM LOG

PROJECT NUMBER: 08C-019 PROJECT TITLE: water reservoir
OWNER: Government of Minnesota CONTRACTOR: Kudlik constr.
LOCATION: Oshtemo quarry

PASSING TRIAL SEAMS

	NO.		TIME		TECH ID	
	TF-9		7:50		MA	
	TF-10		13:20		MA	

SHEET NUMBER: 7
DATE: aug 22/08

SEAM NUMBER	SEAM SECTION * START POINT FINISH POINT	APPROX. START TIME	AMB. AIR TEMP.	WELD TECH.	PREHEAT OR MACH. SPEED	MACHINE TEMPERATURES		APPROX. LENGTH WELDED	DESTR. NUMBER	CHKD BY	REMARKS	NON-DESTRUCTIVE	
						DIGITAL SET WEDGE OR BARREL	DIGITAL SET WEDGE OR BARREL					TEST DATE	CHECKED BY
42/43	WEOS - EEOS	17:15	6°C	MA	55%	850°	-	11'		MA			
150/12	NEOS - SEOS	9:00	6°C	MA	55%	850°	-	264'		MA			
/	-	-	-	-	-	-	-	-					
/	-	-	-	-	-	-	-	-					
/	-	-	-	-	-	-	-	-					
/	-	-	-	-	-	-	-	-					
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DAILY TOTAL									1274'				

* REFERENCE SEAM ENDPOINTS FROM AN END OF SEAM (EOS), A REPAIR, OR A POINT LOCATION ON THE SEAM.

LS FORM 4 SUBMITTED BY: M. Aude DATE: _____
LAYFIELD ENVIRONMENTAL SYSTEMS



GEOMEMBRANE SEAM LOG

PROJECT NUMBER: 88C-019

PROJECT TITLE: water retention

OWNER: Government of Minnesota

CONTRACTOR: Kudlik const.

LOCATION: Oshtemojag

PASSING TRIAL SEAMS

	NO.	TIME		TECH ID
<u>✓</u> FUSION	TF-11	8:25		MA
EXTRUSION	TF-12	13:30		MA
SOLVENT	TF-13	19:05		MA

SHEET NUMBER: 8

DATE: aug 23/08

SEAM NUMBER	SEAM SECTION * START POINT FINISH POINT	APPROX. START TIME	AMB. AIR TEMP.	WELD TECH.	PREHEAT OR MACH. SPEED	MACHINE TEMPERATURES		APPROX. LENGTH WELDED	DESTR. NUMBER	CHK'D BY	REMARKS	NON-DESTRUCTIVE	
						DIGITAL SET WEDGE OR BARREL	DIGITAL SET WEDGE OR BARREL					TEST DATE	CHECKED BY
X1	SEOS - NEOS	8:50	15°C	MA	55%	850°	-	140'		MA			
15/144	EEOS - WEOS	11:10	15°C	MA	55%	850°	-	120'		MA			
44/145	EEOS - WEOS	11:30	15°C	MA	55%	850°	-	180'		MA			
45/146	EEOS - WEOS	11:45	15°C	MA	55%	850°	-	6.5'		MA			
46/147	EEOS - WEOS	13:35	15°C	MA	55%	850°	-	3.2'		MA			
31/148	SEOS - NEOS	14:20	15°C	MA	55%	850°	-	118'		MA			
48/149	SEOS - NEOS	14:40	15°C	MA	55%	850°	-	118'		MA			
49/150	SEOS - NEOS	14:55	15°C	MA	55%	850°	-	40'		MA			
50/151	SEOS - NEOS	15:00	15°C	MA	55%	850°	-	14'		MA			
14/152	WEOS - FEOS	16:30	15°C	MA	55%	850°	-	128'		MA			
52/153	WEOS - FEOS	16:55	15°C	MA	55%	850°	-	110'		MA			

DAILY TOTAL

NEXT PAGE

* REFERENCE SEAM ENDPOINTS FROM AN END OF SEAM (EOS), A REPAIR, OR A POINT LOCATION ON THE SEAM.

SUBMITTED BY: M. Auelst

DATE: _____

* North-east corner tie-in