



## QA-QC REPORT CERTIFICATION

CONSERVATION AND WATER STEWARDSHIP

Thursday, September 15, 2016

Environmental Approvals Branch  
Conservation and Water Stewardship  
123 Main St., Ste. 160  
Winnipeg, MB R3C 1A5

Dear Asit,

Please consider this as a declaration that the liner is continuous underlying the cells of the wastewater treatment lagoon and meets the hydraulic conductivity requirements as stated in the project specification clause 19g). This letter is also to inform you that the attached QC-QA package is in accordance with license #3198 pursuant to Clause 19f); Titan Environmental Containment's QC-QA Manual; and is complete and accurate.

If there are any questions or concerns please contact me at 1-204-878-3955 or [lucky@titanenviro.ca](mailto:lucky@titanenviro.ca).

Sincerely,

**Lucky Montierro** C.E.T.

*Project Manager*



Titan Environmental Containment Ltd.  
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Ile des Chenes, MB R0A 0T0  
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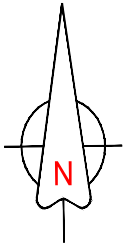


**L6051**

**NEW ROSEDALE COLONY LAGOON  
60mil HDPE AS-BUILT**

**PORTAGE LA PRAIRIE, MB**

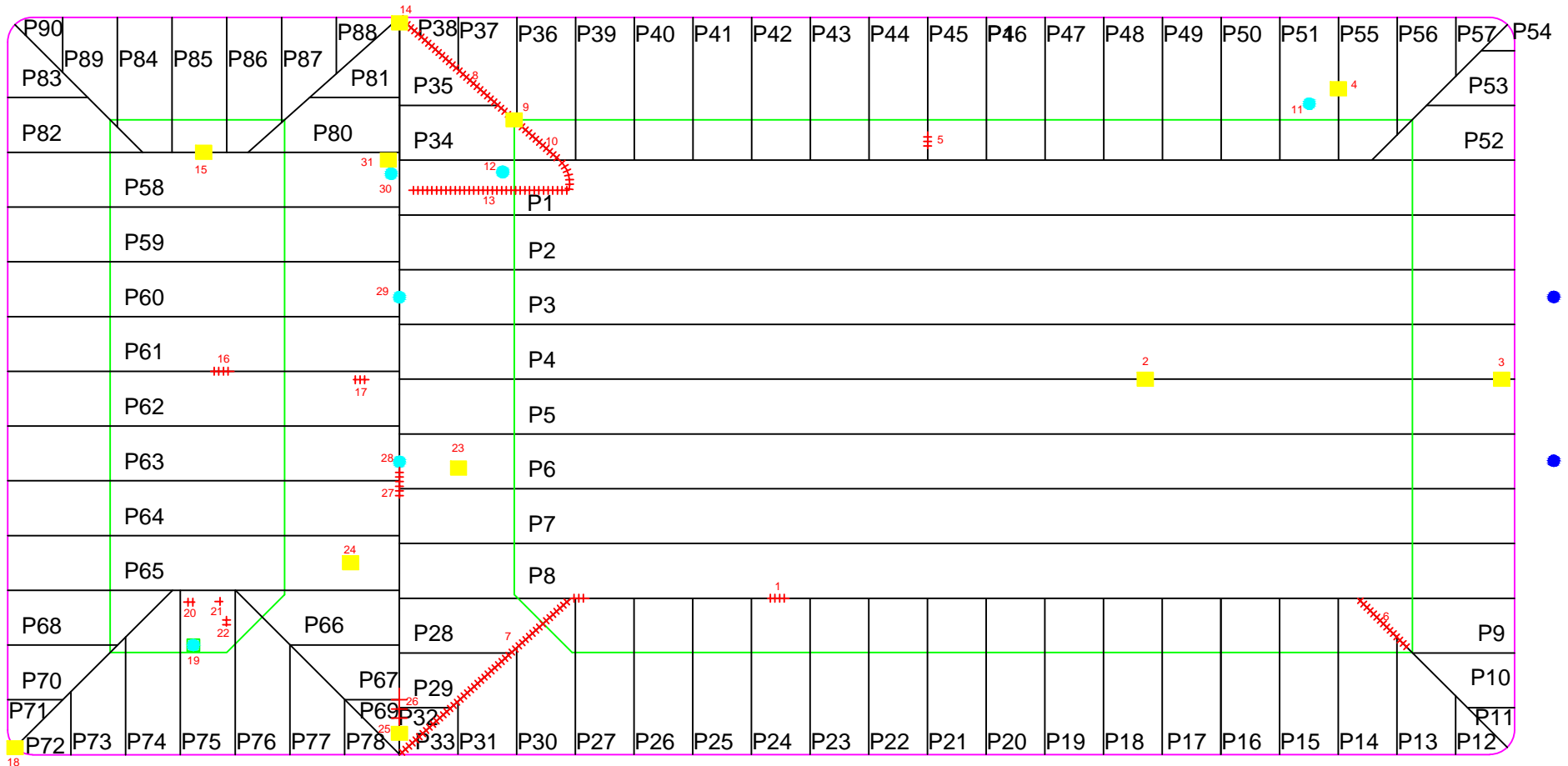
**COMPLETED 06-SEP-16**



**LEGEND:**

- ANCHOR TRENCH
- SLOPE TRANSITION
- PATCH
- EXTRUSION BEAD
- PIPE
- VENT

EXTRUSION DETAIL 1 TO 31



Report any discrepancies to Titan Environmental Containment Ltd. Do not scale dimensions from drawing. Do not modify drawing, re-use it, or use it for purposes other than those intended at the time of its preparation without prior written permission from Titan Environmental Containment Ltd.

NOT APPROVED FOR CONSTRUCTION

PROJ. NO.:	L6051	NEW ROSEDALE COLONY LAGOON	
DATE:	06-SEP-16	TITAN ENVIRONMENTAL CONTAINMENT LTD.	
DRAWN BY:	LM	CLIENT:	JKW
REV. BY:	GS	DWG TITLE:	60mil HDPE AS-BUILT
SCALE:	NTS	REV. NO.:	00
		DWG NO.:	001



## PANEL PLACEMENT LOG

Project Name: New Rosedale

Product Type: HDPE 60 mil Microspike

DATE	PANEL NUMBER	ROLL NUMBER	LENGTH	WIDTH	COMMENTS
			FEET		
04-Sep-16	1	11	465	24	
04-Sep-16	2	8	465	24	
04-Sep-16	3	10	464	24	
04-Sep-16	4	18	463	24	
04-Sep-16	5	6	463	24	
04-Sep-16	6	12	462	24	
04-Sep-16	7	7	461	24	
04-Sep-16	8	13	460	24	
04-Sep-16	9	13	48	24	
04-Sep-16	10	13	25	24	
04-Sep-16	11	13	6	8	
04-Sep-16	12	24	19	22	
04-Sep-16	13	24	42	24	
04-Sep-16	14	11	62	24	
04-Sep-16	15	8	62	24	
04-Sep-16	16	10	63	24	
04-Sep-16	17	18	63	24	
04-Sep-16	18	6	64	24	
04-Sep-16	19	12	64	24	
04-Sep-16	20	19	64	24	
04-Sep-16	21	19	64	24	
04-Sep-16	22	19	64	24	
04-Sep-16	23	19	64	24	
04-Sep-16	24	19	64	24	
04-Sep-16	25	19	64	24	
04-Sep-16	26	19	65	24	
04-Sep-16	27	19	65	24	
04-Sep-16	28	25	54	24	
04-Sep-16	29	25	27	24	
04-Sep-16	30	25	54	24	
04-Sep-16	31	25	35	24	
04-Sep-16	32	25	6	10	
04-Sep-16	33	25	15	16	
05-Sep-16	34	25	42	24	
05-Sep-16	35	25	51	23	
05-Sep-16	36	25	56	24	
05-Sep-16	37	25	36	24	
05-Sep-16	38	25	14	20	
05-Sep-16	39	25	55	24	
05-Sep-16	40	25	55	24	
05-Sep-16	41	9	55	24	
05-Sep-16	42	9	56	24	







## WEDGE SEAM LOG

**Project Name:** New Rosedale

**Product Type:** HDPE 60 mil Microspike

SEAM LOG							AIR TEST INFORMATION						
BETWEEN PANELS	WELD DATE	TIME OF DAY		TECHNICIAN	WEDGE #	SEAM LENGTH	TEST DATE	START TIME	START PSI	FINISH TIME	FINISH PSI	TEST RESULTS	QC TECHNICIAN
		DD/MMM/YY	AM										
P41 - P42	5-Sep-16	8:57		AS	4	56	5-Sep-16	9:29	40	9:34	40	Pass	CV
P42 - P43	5-Sep-16	9:05		JM	2	56	5-Sep-16	9:37	40	9:42	40	Pass	CV
P43 - P44	5-Sep-16	9:05		AS	4	56	5-Sep-16	9:38	40	9:43	40	Pass	CV
P44 - P45	5-Sep-16	9:12		JM	2	57	5-Sep-16	9:39	40	9:44	40	Pass	CV
P45 - P46	5-Sep-16	9:20		AS	4	57	5-Sep-16	9:45	40	9:50	40	Pass	CV
P46 - P47	5-Sep-16	9:25		JM	2	57	5-Sep-16	9:57	40	10:02	40	Pass	CV
P47 - P48	5-Sep-16	9:30		AS	4	57	5-Sep-16	9:59	40	10:04	40	Pass	CV
P48 - P49	5-Sep-16	9:35		JM	2	58	5-Sep-16	10:06	40	10:11	40	Pass	CV
P49 - P50	5-Sep-16	9:40		AS	4	58	5-Sep-16	10:07	40	10:12	40	Pass	CV
P50 - P51	5-Sep-16	9:40		JM	2	58	5-Sep-16	10:12	40	10:17	40	Pass	CV
P51 - P55	5-Sep-16	9:50		AS	4	28	5-Sep-16	10:22	40	10:27	40	Pass	CV
	5-Sep-16					28	5-Sep-16	10:22	40	10:27	40	Pass	CV
P52 - P53	5-Sep-16	10:00		AS	4	35	5-Sep-16	10:32	40	10:37	40	Pass	CV
P52 - P1	5-Sep-16	10:05		JM	2	64	5-Sep-16	10:32	40	10:37	40	Pass	CV
P55 - P56	5-Sep-16	10:20		AS	4	52	5-Sep-16	10:54	40	10:59	40	Pass	CV
P56 - P57	5-Sep-16	10:30		AS	4	28	5-Sep-16	10:55	40	11:00	40	Pass	CV
P53 - P54	5-Sep-16	10:15		JM	2	7	5-Sep-16	11:05	40	11:10	40	Pass	CV
P58 - P59	6-Sep-16	8:47		JM	2	168	6-Sep-16	10:33	40	10:38	40	Pass	CV
P59 - P60	6-Sep-16	9:07		JM	2	168	6-Sep-16	10:34	40	10:39	40	Pass	CV
P60 - P61	6-Sep-16	9:30		JM	2	168	6-Sep-16	10:45	40	10:50	39	Pass	CV
P61 - P62	6-Sep-16	9:50		JM	2	72	6-Sep-16	18:17	40	18:22	40	Pass	CV
	6-Sep-16					93	6-Sep-16	18:24	40	10:29	40	Pass	CV
P62 - P63	6-Sep-16	10:17		JM	2	168	6-Sep-16	11:20	40	11:25	40	Pass	CV
P63 - P64	6-Sep-16	10:40		JM	2	167	6-Sep-16	11:25	40	11:30	40	Pass	CV
P64 - P65	6-Sep-16	11:10		JM	2	167	6-Sep-16	12:48	40	12:53	40	Pass	CV
P65 - P66	6-Sep-16	10:00		DT	4	71	6-Sep-16	11:35	40	11:40	40	Pass	CV
P66 - P67	6-Sep-16	10:15		DT	4	43	6-Sep-16	18:46	40	18:51	40	Pass	CV
P67 - P69	6-Sep-16	10:45		DT	4	16	6-Sep-16	11:42	40	11:47	40	Pass	CV
P68 - P65	6-Sep-16	10:30		DT	4	72	6-Sep-16	11:48	40	11:53	40	Pass	CV
P68 - P70	6-Sep-16	11:00		DT	4	42	6-Sep-16	11:48	40	11:53	40	Pass	CV
P70 - P71	6-Sep-16	11:10		DT	4	18	6-Sep-16	11:54	40	11:59	40	Pass	CV
P72 - P73	6-Sep-16	11:30		DT	4	23	6-Sep-16	12:09	40	12:14	40	Pass	CV
P72 - P74	6-Sep-16	11:35		DT	4	48	6-Sep-16	12:09	40	12:14	40	Pass	CV
P74 - P75	6-Sep-16		12:00	DT	4	77	6-Sep-16	12:25	40	12:30	40	Pass	CV
P75 - P76	6-Sep-16		12:10	DT	4	66	6-Sep-16	12:25	40	12:30	40	Pass	CV
P76 - P77	6-Sep-16		12:20	DT	4	45	6-Sep-16	12:37	40	12:42	40	Pass	CV
P77 - P78	6-Sep-16		12:30	DT	4	23	6-Sep-16	12:37	40	12:42	40	Pass	CV
P80 - P58	6-Sep-16		14:15	JM	2	52	6-Sep-16	14:35	40	14:40	40	Pass	CV
P80 - P81	6-Sep-16		14:23	JM	2	23	6-Sep-16	14:35	40	14:40	40	Pass	CV
P82 - P58	6-Sep-16		14:45	JM	2	58	6-Sep-16	15:05	40	15:10	40	Pass	CV
P82 - P83	6-Sep-16		14:55	JM	2	26	6-Sep-16	15:06	40	15:11	40	Pass	CV
P84 - P85	6-Sep-16		15:00	JM	2	51	6-Sep-16	15:20	40	15:25	40	Pass	CV
P85 - P86	6-Sep-16		15:07	JM	2	51	6-Sep-16	15:40	40	15:45	40	Pass	CV
P86 - P87	6-Sep-16		15:15	JM	2	45	6-Sep-16	15:38	40	15:43	40	Pass	CV
P87 - P88	6-Sep-16		15:20	JM	2	23	6-Sep-16	15:40	40	15:45	40	Pass	CV
P89 - P84	6-Sep-16		15:25	JM	2	48	6-Sep-16	15:54	40	15:59	40	Pass	CV
P89 - P90	6-Sep-16		15:40	JM	2	26	6-Sep-16	15:52	40	15:57	40	Pass	CV



### WEDGE TRIAL LOG

Project Name: New Rosedale

Product Type: HDPE 60mil

Wedge #: 2

Date: September 4, 2016

Sheet Type: 60mil Microspike

**AM TEST**

Time: <u>7:50</u> AM		ELONGATION	FAILURE TYPE
Technician: <u>JM</u>			
Sheet Temp: _____ °C			
Wedge Speed: <u>600</u> m/min			
Wedge Temp: <u>850</u> °C / °F			
INSIDE PEEL	132	200%+	F.T.B.
	137	200%+	F.T.B.
	134	200%+	F.T.B.
OUTSIDE PEEL	137	200%+	F.T.B.
	135	200%+	F.T.B.
	138	200%+	F.T.B.
SHEAR PEEL	154	200%+	F.T.B.
	157	200%+	F.T.B.

**PM TEST**

Time: _____ PM		ELONGATION	FAILURE TYPE
Technician: _____			
Sheet Temp: _____ °C			
Wedge Speed: _____ m/min			
Wedge Temp: _____ °C / °F			
INSIDE PEEL		200%+	F.T.B.
		200%+	F.T.B.
		200%+	F.T.B.
OUTSIDE PEEL		200%+	F.T.B.
		200%+	F.T.B.
		200%+	F.T.B.
SHEAR PEEL		200%+	F.T.B.
		200%+	F.T.B.

NOTES:

Wedge #: 4

Date: September 4, 2016

Sheet Type: 60 mil Microspike

**AM TEST**

Time: <u>7:50</u> AM		ELONGATION	FAILURE TYPE
Technician: <u>AS</u>			
Sheet Temp: _____ °C			
Wedge Speed: <u>500</u> m/min			
Wedge Temp: <u>850</u> °C / °F			
INSIDE PEEL	140	200%+	F.T.B.
	123	200%+	F.T.B.
	126	200%+	F.T.B.
OUTSIDE PEEL	128	200%+	F.T.B.
	119	200%+	F.T.B.
	127	200%+	F.T.B.
SHEAR PEEL	153	200%+	F.T.B.
	153	200%+	F.T.B.

**PM TEST**

Time: _____ PM		ELONGATION	FAILURE TYPE
Technician: _____			
Sheet Temp: _____ °C			
Wedge Speed: _____ m/min			
Wedge Temp: _____ °C / °F			
INSIDE PEEL		200%+	F.T.B.
		200%+	F.T.B.
		200%+	F.T.B.
OUTSIDE PEEL		200%+	F.T.B.
		200%+	F.T.B.
		200%+	F.T.B.
SHEAR PEEL		200%+	F.T.B.
		200%+	F.T.B.

NOTES:

Wedge #: 4

Date: September 5, 2016

Sheet Type: 60 mil

**AM TEST**

Time: <u>7:40</u> AM		ELONGATION	FAILURE TYPE
Technician: <u>AS</u>			
Sheet Temp: _____ °C			
Wedge Speed: <u>500</u> m/min			
Wedge Temp: <u>850</u> °C / °F			
INSIDE PEEL	112	200%+	F.T.B.
	122	200%+	F.T.B.
	116	200%+	F.T.B.
OUTSIDE PEEL	115	200%+	F.T.B.
	116	200%+	F.T.B.
	114	200%+	F.T.B.
SHEAR PEEL	151	200%+	F.T.B.
	153	200%+	F.T.B.

**PM TEST**

Time: _____ PM		ELONGATION	FAILURE TYPE
Technician: _____			
Sheet Temp: _____ °C			
Wedge Speed: _____ m/min			
Wedge Temp: _____ °C / °F			
INSIDE PEEL		200%+	F.T.B.
		200%+	F.T.B.
		200%+	F.T.B.
OUTSIDE PEEL		200%+	F.T.B.
		200%+	F.T.B.
		200%+	F.T.B.
SHEAR PEEL		200%+	F.T.B.
		200%+	F.T.B.

NOTES:





## WEDGE TRIAL LOG

Wedge #: 2  
 Date: September 5, 2016  
 Sheet Type: 60 mil

**AM TEST**

Time:	7:50 AM	<b>ELONGATION</b>	<b>FAILURE TYPE</b>
Technician:	JM		
Sheet Temp:	°C		
Wedge Speed:	600 m/min		
Wedge Temp:	850 °C / °F		
INSIDE PEEL	128	200%+	F.T.B.
	133	200%+	F.T.B.
	131	200%+	F.T.B.
OUTSIDE PEEL	128	200%+	F.T.B.
	129	200%+	F.T.B.
	130	200%+	F.T.B.
SHEAR PEEL	153	200%+	F.T.B.
	157	200%+	F.T.B.

**PM TEST**

Time:	_____ PM	<b>ELONGATION</b>	<b>FAILURE TYPE</b>
Technician:	_____		
Sheet Temp:	_____ °C		
Wedge Speed:	_____ m/min		
Wedge Temp:	_____ °C / °F		
INSIDE PEEL		200%+	F.T.B.
		200%+	F.T.B.
		200%+	F.T.B.
OUTSIDE PEEL		200%+	F.T.B.
		200%+	F.T.B.
		200%+	F.T.B.
SHEAR PEEL		200%+	F.T.B.
		200%+	F.T.B.

NOTES:

Wedge #: 4  
 Date: September 6, 2016  
 Sheet Type: 60 mil

**AM TEST**

Time:	7:50 AM	<b>ELONGATION</b>	<b>FAILURE TYPE</b>
Technician:	DT		
Sheet Temp:	°C		
Wedge Speed:	580 m/min		
Wedge Temp:	850 °C / °F		
INSIDE PEEL	120	200%+	F.T.B.
	123	200%+	F.T.B.
	134	200%+	F.T.B.
OUTSIDE PEEL	127	200%+	F.T.B.
	1287	200%+	F.T.B.
	133	200%+	F.T.B.
SHEAR PEEL	168	200%+	F.T.B.
	171	200%+	F.T.B.

**PM TEST**

Time:	_____ PM	<b>ELONGATION</b>	<b>FAILURE TYPE</b>
Technician:	_____		
Sheet Temp:	_____ °C		
Wedge Speed:	_____ m/min		
Wedge Temp:	_____ °C / °F		
INSIDE PEEL		200%+	F.T.B.
		200%+	F.T.B.
		200%+	F.T.B.
OUTSIDE PEEL		200%+	F.T.B.
		200%+	F.T.B.
		200%+	F.T.B.
SHEAR PEEL		200%+	F.T.B.
		200%+	F.T.B.

NOTES:

Wedge #: 2  
 Date: September 6, 2016  
 Sheet Type: 60 mil

**AM TEST**

Time:	7:50 AM	<b>ELONGATION</b>	<b>FAILURE TYPE</b>
Technician:	JM		
Sheet Temp:	_____ °C		
Wedge Speed:	600 m/min		
Wedge Temp:	850 °C / °F		
INSIDE PEEL	128	200%+	F.T.B.
	134	200%+	F.T.B.
	127	200%+	F.T.B.
OUTSIDE PEEL	126	200%+	F.T.B.
	128	200%+	F.T.B.
	134	200%+	F.T.B.
SHEAR PEEL	160	200%+	F.T.B.
	162	200%+	F.T.B.

**PM TEST**

Time:	_____ PM	<b>ELONGATION</b>	<b>FAILURE TYPE</b>
Technician:	_____		
Sheet Temp:	_____ °C		
Wedge Speed:	_____ m/min		
Wedge Temp:	_____ °C / °F		
INSIDE PEEL		200%+	F.T.B.
		200%+	F.T.B.
		200%+	F.T.B.
OUTSIDE PEEL		200%+	F.T.B.
		200%+	F.T.B.
		200%+	F.T.B.
SHEAR PEEL		200%+	F.T.B.
		200%+	F.T.B.

NOTES:



# EXTRUDER TRIAL LOG

Project Name: New Rosedale

Product Type: 60 mil Microspike

Extruder#: 5  
 Date: September 4, 2016  
 Sheet Type: 60 mil

**AM TEST**

Time: _____ AM		ELONGATION	FAILURE TYPE
Technician: _____			
Sheet Temp: _____ °C			
Barrel/Air Temp: _____ °C / °F			
INSIDE PEEL		200%+	F.T.B.
		200%+	F.T.B.
		200%+	F.T.B.
SHEAR PEEL		200%+	F.T.B.
		200%+	F.T.B.

**PM TEST**

Time: <u>1:15</u> PM		ELONGATION	FAILURE TYPE
Technician: <u>RN</u>			
Sheet Temp: _____ °C			
Barrel/Air Temp: <u>450/450</u> °C / °F			
INSIDE PEEL		139	200%+ F.T.B.
		132	200%+ F.T.B.
		142	200%+ F.T.B.
SHEAR PEEL		169	200%+ F.T.B.
		162	200%+ F.T.B.

NOTES:

Extruder#: 5  
 Date: September 5, 2016  
 Sheet Type: 60 mil

**AM TEST**

Time: <u>9:00</u> AM		ELONGATION	FAILURE TYPE
Technician: <u>RN</u>			
Sheet Temp: _____ °C			
Barrel/Air Temp: <u>450/450</u> °C / °F			
INSIDE PEEL		135	200%+ F.T.B.
		136	200%+ F.T.B.
		124	200%+ F.T.B.
SHEAR PEEL		161	200%+ F.T.B.
		163	200%+ F.T.B.

**PM TEST**

Time: _____ PM		ELONGATION	FAILURE TYPE
Technician: _____			
Sheet Temp: _____ °C			
Barrel/Air Temp: _____ °C / °F			
INSIDE PEEL			200%+ F.T.B.
			200%+ F.T.B.
			200%+ F.T.B.
SHEAR PEEL			200%+ F.T.B.
			200%+ F.T.B.

NOTES:

Extruder#: 5  
 Date: September 6, 2016  
 Sheet Type: 60 mil

**AM TEST**

Time: _____ AM		ELONGATION	FAILURE TYPE
Technician: _____			
Sheet Temp: _____ °C			
Barrel/Air Temp: _____ °C / °F			
INSIDE PEEL		200%+	F.T.B.
		200%+	F.T.B.
		200%+	F.T.B.
SHEAR PEEL		200%+	F.T.B.
		200%+	F.T.B.

**PM TEST**

Time: <u>14:30</u> PM		ELONGATION	FAILURE TYPE
Technician: <u>AF</u>			
Sheet Temp: _____ °C			
Barrel/Air Temp: <u>450/450</u> °C / °F			
INSIDE PEEL		128	200%+ F.T.B.
		132	200%+ F.T.B.
		127	200%+ F.T.B.
SHEAR PEEL		152	200%+ F.T.B.
		156	200%+ F.T.B.

NOTES:



## EXTRUDER TRIAL LOG

Extruder#: 5  
 Date: September 7, 2016  
 Sheet Type: 60 mil

**AM TEST**

	Time: <u>9:20</u> AM	<b>ELONGATION</b>	<b>FAILURE TYPE</b>
	Technician: <u>RN</u>		
	Sheet Temp: _____ °C		
	Barrel/Air Temp: <u>450/450</u> °C / °F		
<b>INSIDE PEEL</b>	135	200%+	F.T.B.
	135	200%+	F.T.B.
	126	200%+	F.T.B.
<b>SHEAR PEEL</b>	149	200%+	F.T.B.
	150	200%+	F.T.B.

**PM TEST**

	Time: _____ PM	<b>ELONGATION</b>	<b>FAILURE TYPE</b>
	Technician: _____		
	Sheet Temp: _____ °C		
	Barrel/Air Temp: _____ °C / °F		
<b>INSIDE PEEL</b>		200%+	F.T.B.
		200%+	F.T.B.
		200%+	F.T.B.
<b>SHEAR PEEL</b>		200%+	F.T.B.
		200%+	F.T.B.

NOTES:



## EXTRUSION DETAIL LOG

CODE LEGEND

**BO**-BLOCK OFF  
**P**-PATCH  
**PT**-PENETRATION  
**E**-EXTRUSION BEAD  
**T**-THREE PANEL INTERSECTION  
**C**-CAPSTRIP  
**DT**-DESTRUCTIVE TEST

**Project Name** \_\_\_\_\_ New Rosedale

**Product Type:** \_\_\_\_\_ 60 mil HDPE Microspike

DETAIL LETTER	DETAIL DATE	TECHNICIAN	CODE	DIMENSIONS	LOCATION	TEST DATE	TEST RESULTS	QC TECH	TEST TYPE
			SEE LEGEND			DD/MMM/YY			
R1	4-Sep-2016	RN	E	3'	P24 - P8 10' weos	5-Sep-2016	Pass	CV	Vacuum Test
R2	4-Sep-2016	RN	P	2' x 2'	P4 - P5 158' eeos	5-Sep-2016	Pass	CV	Vacuum Test
R3	4-Sep-2016	RN	P	2' x 2'	P4 - P5 eeos	5-Sep-2016	Pass	CV	Vacuum Test
R4	5-Sep-2016	RN	P	2' x 2'	P51 - P55 28' neos	5-Sep-2016	Pass	CV	Vacuum Test
R5	5-Sep-2016	RN	E	8"	P44 - P45 4' seos	5-Sep-2016	Pass	CV	Vacuum Test
R6	4-Sep-2016	RN	E	32'	P14 - P9 thru P9 - P13	5-Sep-2016	Pass	CV	Vacuum Test
R7	4-Sep-2016	RN	E	88'	P32 - P33 thru P27 - P8	5-Sep-2016	Pass	CV	Vacuum Test
R8	5-Sep-2016	RN	E	56'	P35 - P38 thru P34 - P37	5-Sep-2016	Pass	CV	Vacuum Test
R9	5-Sep-2016	RN	P	3' x 5'	P34 - P37 - P36	5-Sep-2016	Pass	CV	Vacuum Test
R10	5-Sep-2016	RN	P	16'	P34 - P36 - P1	5-Sep-2016	Pass	CV	Vacuum Test
R11	5-Sep-2016	RN	PT	8' x 9'	P51 7' weos 34' neos	5-Sep-2016	Pass	CV	Vacuum Test
R12	5-Sep-2016	RN	PT	7' x 7'	P1 36' weos 1' neos	5-Sep-2016	Pass	CV	Vacuum Test
R13	5-Sep-2016	RN	Ex 9	8" each	P1 first 2' weos 3' seos last 4' weos 3' seos	5-Sep-2016	Pass	CV	Vacuum Test
R14	6-Sep-2016	AF	P	2' x 3'	P88 - P38 neos	6-Sep-2016	Pass	CV	Vacuum Test
R15	6-Sep-2016	AF	P	2' x 3'	P85 10' eeos	6-Sep-2016	Pass	CV	Vacuum Test
R16	6-Sep-2016	AF	E	9"	P61 - P61 72' eeos	6-Sep-2016	Pass	CV	Vacuum Test
R17	6-Sep-2016	AF	E	10"	P62 1' neos 15' eeos	6-Sep-2016	Pass	CV	Vacuum Test
R18	6-Sep-2016	AF	P	2' x 3'	P71 - P73 seos	6-Sep-2016	Pass	CV	Vacuum Test
R19	6-Sep-2016	AF	P	4' x 6'	P75 18' neos 14' eeos	6-Sep-2016	Pass	CV	Vacuum Test
R20	6-Sep-2016	AF	E	6"	P75 3' neos 5' weos	6-Sep-2016	Pass	CV	Vacuum Test
R21	6-Sep-2016	AF	E	6"	P75 3' neos 5' eeos	6-Sep-2016	Pass	CV	Vacuum Test
R22	6-Sep-2016	AF	E	8"	P75 6' neos 5' eeos	6-Sep-2016	Pass	CV	Vacuum Test
R23	7-Sep-2016	RN	P x3	2' x 2' each	P6 first 7' weos 4' seos last 20' weos 4' seos	7-Sep-2016	Pass	CV	Vacuum Test
R24	7-Sep-2016	RN	P x4	2' x 2' each	P65 6' eeos 4' neos 2' apart each	7-Sep-2016	Pass	CV	Vacuum Test
R25	7-Sep-2016	RN	P	6' x 2'	P69 - P32 seos	7-Sep-2016	Pass	CV	Vacuum Test
R26	7-Sep-2016	RN	E	8'	P67 - P29 - P69 - P32	7-Sep-2016	Pass	CV	Vacuum Test
R27	7-Sep-2016	RN	E	8'	P64 - P7 - P63 - P6	7-Sep-2016	Pass	CV	Vacuum Test
R28	7-Sep-2016	RN	PT	5' x 5'	P6 - P63 14' neos	7-Sep-2016	Pass	CV	Vacuum Test
R29	7-Sep-2016	RN	PT	4' x 4'	P60 - P61 - P3	7-Sep-2016	Pass	CV	Vacuum Test
R30	7-Sep-2016	RN	PT	3' x 3'	P58 2' eeos 6' neos	7-Sep-2016	Pass	CV	Vacuum Test
R31	7-Sep-2016	RN	D	1' x 1'	P58 1' neos 1' eeos	7-Sep-2016	Pass	CV	Vacuum Test

\* UNLESS OTHERWISE NOTED, ALL 3 PANEL INTERSECTIONS COME WITH VACUUM TESTED EXTRUDED T WELDS.

