

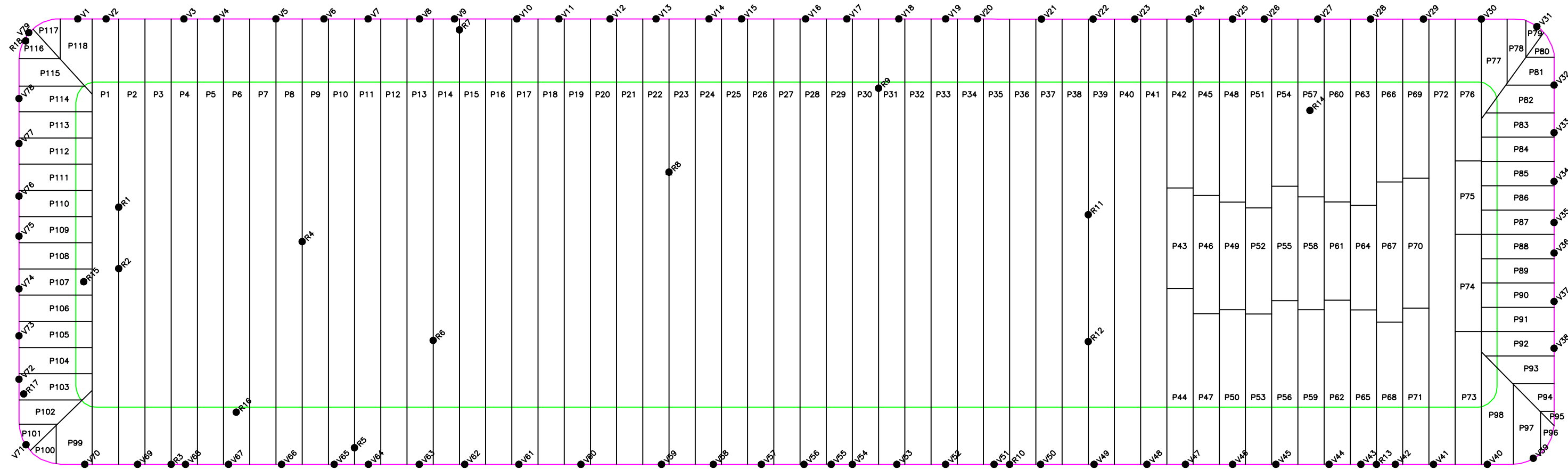


L8031

**RM OF RIVERDALE LAGOON
SECONDARY CELL 1
60mil HDPE AS-BUILT**

RIVERDALE, MB

COMPLETED 08-NOV-18



LAGOON SECONDARY CELL 1

LEGEND:

- CREST/ TIE-IN
- SLOPE TRANSITION



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. Final Panel Locations to be installed at the discretion of the TITAN field Superintendent as see fit to existing site conditions..

NOT APPROVED FOR CONSTRUCTION

PROJ. NO.:	L8031	RM of Riverdale Lagoon			
DATE:	08-NOV-18	TITAN ENVIRONMENTAL CONTAINMENT LTD.			
DRAWN BY:	EA	CLIENT:	RM OF RIVERDALE		
REV. BY:	LM	DWG TITLE:	HDPE AS-BUILT SECONDARY CELL1		
SCALE:	NTS	REV. NO.:	000	DWG NO.:	002



PANEL PLACEMENT LOG

Project Name: Riverdale Lagoon Secondary Cell 1			Product Type: 60 mls smooth		
DATE	PANEL NUMBER	ROLL NUMBER	LENGTH	WIDTH	COMMENTS
DD/MMM/YY			FEET		
01/11/2018	P1	97815	375	22.3	
01/11/2018	P2	97826	375	22.3	
01/11/2018	P3	97801	375	22.3	
01/11/2018	P4	97814	375	22.3	
01/11/2018	P5	97812	375	22.3	
01/11/2018	P6	97821	375	22.3	
01/11/2018	P7	97804	375	22.3	
01/11/2018	P8	97828	375	22.3	
01/11/2018	P9	97831	375	22.3	
01/11/2018	P10	97827	375	22.3	
01/11/2018	P11	97808	375	22.3	
01/11/2018	P12	97529	375	22.3	
01/11/2018	P13	97823	375	22.3	
01/11/2018	P14	97809	375	22.3	
01/11/2018	P15	97530	375	22.3	
01/11/2018	P16	97531	375	22.3	
01/11/2018	P17	97532	375	22.3	
02/11/2018	P18	97543	375	22.3	
02/11/2018	P19	97535	375	22.3	
02/11/2018	P20	97540	375	22.3	
02/11/2018	P21	97527	375	22.3	
02/11/2018	P22	97550	375	22.3	
02/11/2018	P23	97551	375	22.3	
02/11/2018	P24	97539	375	22.3	
02/11/2018	P25	97549	375	22.3	
02/11/2018	P26	97548	375	22.3	
02/11/2018	P27	97533	375	22.3	
02/11/2018	P28	97534	375	22.3	
02/11/2018	P29	97544	375	22.3	
02/11/2018	P30	97537	375	22.3	
03/11/2018	P31	97536	375	22.3	
03/11/2018	P32	97538	375	22.3	
03/11/2018	P33	97515	375	22.3	
03/11/2018	P34	97542	375	22.3	
03/11/2018	P35	97510	375	22.3	
03/11/2018	P36	97514	375	22.3	
03/11/2018	P37	97523	375	22.3	
03/11/2018	P38	97546	375	22.3	
03/11/2018	P39	97521	375	22.3	
03/11/2018	P40	97512	375	22.3	



PANEL PLACEMENT LOG

Project Name: Riverdale Lagoon Secondary Cell 1			Product Type: 60 mls smooth		COMMENTS
DATE	PANEL NUMBER	ROLL NUMBER	LENGTH	WIDTH	
DD/MMM/YY			FEET		
03/11/2018	P41	97525	375	22.3	
03/11/2018	P42	97525	142	22.3	
03/11/2018	P43	97523	142	22.3	
03/11/2018	P44	97546	91	22.3	
03/11/2018	P45	97514	142	22.3	
03/11/2018	P46	97512	142	22.3	
03/11/2018	P47	97521	91	22.3	
03/11/2018	P48	97521	138	22.3	
03/11/2018	P49	97510	143	22.3	
03/11/2018	P50	97536	87	22.3	
04/11/2018	P51	97536	145	22.3	
04/11/2018	P52	97809	142	22.3	
04/11/2018	P53	97823	80	22.3	
04/11/2018	P54	97542	141	22.3	
04/11/2018	P55	97542	139	22.3	
04/11/2018	P56	97532	87	22.3	
04/11/2018	P57	97538	145	22.3	
04/11/2018	P58	97527	142	22.3	
04/11/2018	P59	97551	77	22.3	
04/11/2018	P60	97534	142	22.3	
04/11/2018	P61	97549	135	22.3	
04/11/2018	P62	97548	89	22.3	
04/11/2018	P63	97533	143	22.3	
04/11/2018	P64	97539	140	22.3	
04/11/2018	P65	97540	83	22.3	
04/11/2018	P66	97531	142	22.3	
04/11/2018	P67	97550	140	22.3	
04/11/2018	P68	97529	86	22.3	
04/11/2018	P69	97543	143	22.3	
04/11/2018	P70	97537	142	22.3	
04/11/2018	P71	97537	84	22.3	
04/11/2018	P72	97526	375	22.3	
04/11/2018	P73	97526	150	22.3	
04/11/2018	P74	97521	43	11	
04/11/2018	P75	97521	35	11	
04/11/2018	P76	97526	146	22.3	
04/11/2018	P77	97808	64	22.3	
04/11/2018	P78	97808	30	22.3	
04/11/2018	P79	97808	19	12	
04/11/2018	P80	97808	20	22.3	
04/11/2018	P81	97823	43	22.3	



PANEL PLACEMENT LOG

Project Name: Riverdale Lagoon Secondary Cell 1			Product Type: 60 mls smooth		
DATE	PANEL NUMBER	ROLL NUMBER	LENGTH	WIDTH	COMMENTS
DD/MMM/YY			FEET		
04/11/2018	P82	97532	59	22.3	
04/11/2018	P83	97546	59	22.3	
04/11/2018	P84	97536	59	22.3	
04/11/2018	P85	97551	59	22.3	
04/11/2018	P86	97548	59	22.3	
04/11/2018	P87	97540	59	22.3	
04/11/2018	P88	97529	59	22.3	
04/11/2018	P89	97529	59	22.3	
04/11/2018	P90	97529	59	22.3	
04/11/2018	P91	97799	59	22.3	
04/11/2018	P92	97799	59	22.3	
04/11/2018	P93	97799	59	22.3	
04/11/2018	P94	97827	40	22.3	
04/11/2018	P95	97827	9	3	
04/11/2018	P96	97827	7	3	
04/11/2018	P97	97799	36	22.3	
04/11/2018	P98	97799	61	22.3	
04/11/2018	P99	97827	62	22.3	
04/11/2018	P100	97812	35	22.3	
04/11/2018	P101	97812	28	22.3	
04/11/2018	P102	97812	48	22.3	
04/11/2018	P103	97810	60	22.3	
04/11/2018	P104	97814	60	22.3	
04/11/2018	P105	97814	60	22.3	
04/11/2018	P106	97815	60	22.3	
04/11/2018	P107	97815	60	22.3	
04/11/2018	P108	97826	60	22.3	
04/11/2018	P109	97826	60	22.3	
04/11/2018	P110	97826	60	22.3	
04/11/2018	P111	97821	60	22.3	
04/11/2018	P112	97821	60	22.3	
04/11/2018	P113	97804	60	22.3	
04/11/2018	P114	97804	60	22.3	
04/11/2018	P115	97828	55	22.3	
04/11/2018	P116	97831	33	22.3	
04/11/2018	P117	97804	36	22.3	
04/11/2018	P118	97804	58	22.3	



WEDGE SEAM LOG

Project Name: Riverdale Lagoon Secondary Cell 1 Product Type: 60 mls smooth											
SEAM LOG							AIR TEST INFORMATION				
BETWEEN PANELS	WELD DATE	TIME OF DAY		TECHNICIAN	WEDGE #	SEAM LENGTH	TEST DATE	START PSI	FINISH PSI	TEST RESULTS	QC TECHNICIAN
		DD/MMM/YY	AM								
P1xP2	01/11/2018	11:33		DM	42	375.00	03/11/2018	45	45	PASS	CP
P2xP3	01/11/2018	11:41		KH	32	375.00	01/11/2018	42	42	PASS	CP
P3xP4	01/11/2018	12:00		DT	41	375.00	03/11/2018	40	40	PASS	CP
P4xP5	01/11/2018		1:33	DM	42	375.00	01/11/2018	46	45	PASS	CP
P5xP6	01/11/2018		1:51	KH	32	375.00	01/11/2018	49	49	PASS	CP
P6xP7	01/11/2018		2:06	DT	41	375.00	01/11/2018	48	48	PASS	CP
P7xP8	01/11/2018		2:23	DM	42	375.00	01/11/2018	49	49	PASS	CP
P8xP9	01/11/2018		2:53	KH	32	375.00	01/11/2018	48	48	PASS	CP
P9xP10	01/11/2018		3:17	DT	41	375.00	03/11/2018	40	40	PASS	CP
P10xP11	01/11/2018		3:20	DM	42	375.00	01/11/2018	40	40	PASS	CP
P11xP12	01/11/2018		3:35	KH	32	375.00	01/11/2018	40	40	PASS	CP
P12xP13	01/11/2018		4:55	DT	41	375.00	01/11/2018	45	45	PASS	CP
P13xP14	01/11/2018		4:40	DM	42	375.00	01/11/2018	45	45	PASS	CP
P14xP15	01/11/2018		5:20	KH	32	375.00	03/11/2018	40	40	PASS	CP
P15xP16	01/11/2018		5:35	DM	42	375.00	03/11/2018	40	40	PASS	CP
P16xP17	01/11/2018		6:00	DT	41	375.00	02/11/2018	45	45	PASS	CP
P17xP18	02/11/2018		2:45	DM	42	375.00	02/11/2018	40	45	PASS	CP
P18xP19	02/11/2018		2:57	DT	41	375.00	02/11/2018	46	46	PASS	CP
P19xP20	02/11/2018		3:03	AS	9	375.00	02/11/2018	40	40	PASS	CP
P20xP21	02/11/2018		3:25	KH	32	375.00	02/11/2018	47	47	PASS	CP
P21xP22	02/11/2018		3:49	DM	42	375.00	02/11/2018	50	50	PASS	CP
P22xP23	02/11/2018		3:54	AS	9	375.00	02/11/2018	52	52	PASS	CP
P23xP24	02/11/2018		4:35	DT	41	375.00	02/11/2018	42	42	PASS	CP
P24xP25	02/11/2018		5:01	KH	32	375.00	02/11/2018	40	40	PASS	CP
P25xP26	02/11/2018		5:19	DM	42	375.00	02/11/2018	50	50	PASS	CP
P26xP27	02/11/2018		5:53	AS	9	375.00	03/11/2018	50	50	PASS	CP
P27xP28	02/11/2018		6:05	DT	41	375.00	03/11/2018	47	47	PASS	CP
P28xP29	02/11/2018		6:20	KH	32	375.00	03/11/2018	47	47	PASS	CP
P29xP30	02/11/2018		6:25	DM	42	375.00	03/11/2018	49	47	PASS	CP
P30xP31	03/11/2018		3:05	DT	27	375.00	03/11/2018	48	48	PASS	CP
P31xP32	03/11/2018		3:16	KH	32	375.00	03/11/2018	45	44	PASS	CP
P32xP33	03/11/2018		3:23	DM	42	375.00	03/11/2018	43	43	PASS	CP
P33xP34	03/11/2018		3:32	AS	9	375.00	03/11/2018	46	46	PASS	CP
P34xP35	03/11/2018		3:55	DT	27	375.00	03/11/2018	48	48	PASS	CP
P35xP36	03/11/2018		3:56	KH	32	375.00	03/11/2018	40	40	PASS	CP
P36xP37	03/11/2018		4:10	DM	32	375.00	03/11/2018	47	47	PASS	CP
P37xP38	03/11/2018		4:20	AS	9	375.00	03/11/2018	41	41	PASS	CP
P38xP39	03/11/2018		4:46	DT	27	375.00	03/11/2018	48	48	PASS	CP



WEDGE SEAM LOG

Project Name: Riverdale Lagoon Secondary Cell 1 Product Type: 60 mls smooth											
SEAM LOG							AIR TEST INFORMATION				
BETWEEN PANELS	WELD DATE	TIME OF DAY		TECHNICIAN	WEDGE #	SEAM LENGTH	TEST DATE	START PSI	FINISH PSI	TEST RESULTS	QC TECHNICIAN
		DD/MMM/YY	AM								
P39xP40	03/11/2018		4:45	KH	32	375.00	03/11/2018	40	40	PASS	CP
P40xP41	03/11/2018		5:00	DM	42	375.00	03/11/2018	40	40	PASS	CP
P41xP42	03/11/2018		5:23	DT	27	142.00	03/11/2018	45	45	PASS	CP
P42xP43	03/11/2018		5:33	DT	27	142.00	03/11/2018	40	40	PASS	CP
P43xP44	03/11/2018		5:30	DM	42	91.00	03/11/2018	40	40	PASS	CP
P41xP43	03/11/2018		5:33	DT	27	142.00	03/11/2018	40	40	PASS	CP
P41xP44	03/11/2018		5:33	DT	27	91.00	03/11/2018	40	40	PASS	CP
P42xP45	03/11/2018		6:05	AS	9	142.00	03/11/2018	40	40	PASS	CP
P45xP46	03/11/2018		5:52	DM	42	142.00	03/11/2018	40	40	PASS	CP
P46xP47	03/11/2018		6:02	DM	42	91.00	03/11/2018	40	40	PASS	CP
P46xP43	03/11/2018		6:05	AS	9	142.00	03/11/2018	40	40	PASS	CP
P46xP44	03/11/2018		6:05	AS	9	91.00	03/11/2018	40	40	PASS	CP
P47xP44	03/11/2018		6:05	AS	9	91.00	03/11/2018	40	40	PASS	CP
P50xP47	03/11/2018		6:30	DT	27	87.00	03/11/2018	40	40	PASS	CP
P49xP45	03/11/2018		6:30	DT	27	142.00	03/11/2018	40	40	PASS	CP
P48xP47	03/11/2018		6:20	DM	42	91.00	03/11/2018	40	40	PASS	CP
P48xP45	03/11/2018		6:30	DT	27	138.00	03/11/2018	40	40	PASS	CP
P49xP46	03/11/2018		6:30	DT	27	142.00	03/11/2018	40	40	PASS	CP
P50xP46	03/11/2018		6:30	DT	27	87.00	03/11/2018	40	40	PASS	CP
P48XP49	03/11/2018		6:03	DM	42	138.00	03/11/2018	40	40	PASS	CP
P49XP50	03/11/2018		6:09	DM	42	87.00	03/11/2018	50	50	PASS	CP
P51xP52	04/11/2018	9:38		DT	27	142.00	04/11/2018	45	45	PASS	CP
P52xP53	04/11/2018	9:42		DM	42	80.00	04/11/2018	46	46	PASS	CP
P50xP53	04/11/2018	9:41		AS	9	80.00	04/11/2018	47	47	PASS	CP
P50xP52	04/11/2018	9:41		AS	9	87.00	04/11/2018	47	47	PASS	CP
P49xP52	04/11/2018	9:41		AS	9	142.00	04/11/2018	47	47	PASS	CP
P51xP49	04/11/2018	9:41		AS	9	143.00	04/11/2018	47	47	PASS	CP
P51xP48	04/11/2018	9:41		AS	9	87.00	04/11/2018	47	47	PASS	CP
P54xP55	04/11/2018	9:58		DT	27	139.00	04/11/2018	51	51	PASS	CP
P55xP56	04/11/2018	10:00		DM	42	87.00	04/11/2018	51	51	PASS	CP
P56xP53	04/11/2018	10:08		DT	27	80.00	04/11/2018	40	40	PASS	CP
P56xP52	04/11/2018	10:08		DT	27	87.00	04/11/2018	40	40	PASS	CP
P55xP52	04/11/2018	10:08		DT	27	139.00	04/11/2018	40	40	PASS	CP
P54xP51	04/11/2018	10:08		DT	27	141.00	04/11/2018	40	40	PASS	CP
P55xP51	04/11/2018	10:08		DT	27	139.00	04/11/2018	40	40	PASS	CP
P57xP58	04/11/2018	10:19		KH	32	142.00	04/11/2018	50	50	PASS	CP
P58xP59	04/11/2018	10:22		DM	42	77.00	04/11/2018	50	50	PASS	CP
P59xP56	04/11/2018	10:27		AS	9	77.00	04/11/2018	48	48	PASS	CP



WEDGE SEAM LOG

Project Name: Riverdale Lagoon Secondary Cell 1 Product Type: 60 mls smooth											
SEAM LOG							AIR TEST INFORMATION				
BETWEEN PANELS	WELD DATE	TIME OF DAY		TECHNICIAN	WEDGE #	SEAM LENGTH	TEST DATE	START PSI	FINISH PSI	TEST RESULTS	QC TECHNICIAN
		DD/MMM/YY	AM								
P58xP56	04/11/2018	10:27		AS	9	87.00	04/11/2018	48	48	PASS	CP
P58xP55	04/11/2018	10:27		AS	9	139.00	04/11/2018	48	48	PASS	CP
P57xP55	04/11/2018	10:27		AS	9	139.00	04/11/2018	48	48	PASS	CP
P57xP54	04/11/2018	10:27		AS	9	141.00	04/11/2018	48	48	PASS	CP
P60xP61	04/11/2018	10:38		KH	32	135.00	04/11/2018	50	50	PASS	CP
P61xP62	04/11/2018	10:41		DM	42	89.00	04/11/2018	49	49	PASS	CP
P62xP59	04/11/2018	10:45		DM	42	77.00	04/11/2018	55	55	PASS	CP
P62xP58	04/11/2018	10:45		DM	42	89.00	04/11/2018	55	55	PASS	CP
P61xP58	04/11/2018	10:45		DM	42	135.00	04/11/2018	55	55	PASS	CP
P60xP57	04/11/2018	10:45		DM	42	142.00	04/11/2018	55	55	PASS	CP
P61xP57	04/11/2018	10:45		DM	42	135.00	04/11/2018	55	55	PASS	CP
P63xP64	04/11/2018	10:58		KH	27	140.00	04/11/2018	41	41	PASS	CP
P64xP65	04/11/2018	11:03		DT	27	83.00	04/11/2018	50	50	PASS	CP
P65xP62	04/11/2018	11:07		AS	9	83.00	04/11/2018	50	50	PASS	CP
P63xP60	04/11/2018	11:07		AS	9	142.00	04/11/2018	50	50	PASS	CP
P64xP61	04/11/2018	11:07		AS	9	135.00	04/11/2018	50	50	PASS	CP
P61xP65	04/11/2018	11:07		AS	9	83.00	04/11/2018	50	50	PASS	CP
P66xP67	04/11/2018	11:20		KH	32	140.00	04/11/2018	52	52	PASS	CP
P67xP68	04/11/2018	11:21		DT	27	86.00	04/11/2018	49	49	PASS	CP
P68xP65	04/11/2018	11:27		DT	27	83.00	04/11/2018	50	50	PASS	CP
P68xP64	04/11/2018	11:27		DT	27	86.00	04/11/2018	50	50	PASS	CP
P67xP64	04/11/2018	11:27		DT	27	140.00	04/11/2018	50	50	PASS	CP
P67xP63	04/11/2018	11:27		DT	27	140.00	04/11/2018	50	50	PASS	CP
P66xP63	04/11/2018	11:27		DT	27	142.00	04/11/2018	50	50	PASS	CP
P69xP70	04/11/2018	11:42		KH	32	142.00	04/11/2018	54	54	PASS	CP
P70xP71	04/11/2018	11:48		KH	32	84.00	04/11/2018	41	41	PASS	CP
P71xP68	04/11/2018	11:46		AS	9	84.00	04/11/2018	41	41	PASS	CP
P70xP68	04/11/2018	11:46		AS	9	86.00	04/11/2018	41	41	PASS	CP
P70xP67	04/11/2018	11:46		AS	9	140.00	04/11/2018	41	41	PASS	CP
P69xP67	04/11/2018	11:46		AS	9	140.00	04/11/2018	41	41	PASS	CP
P69xP66	04/11/2018	11:46		AS	9	142.00	04/11/2018	41	41	PASS	CP
P69xP72	04/11/2018		1:15	DM	42	143.00	04/11/2018	56	56	PASS	CP
P70xP72	04/11/2018		1:15	DM	42	142.00	04/11/2018	56	56	PASS	CP
P71xP72	04/11/2018		1:15	DM	42	84.00	04/11/2018	56	56	PASS	CP
P75xP76	04/11/2018		1:57	KH	32	35.00	04/11/2018	47	47	PASS	CP
P73xP74	04/11/2018		1:58	DT	27	43.00	04/11/2018	51	51	PASS	CP
P74xP75	04/11/2018		2:01	DT	27	35.00	04/11/2018	55	55	PASS	CP
P73xP72	04/11/2018		2:04	KH	32	150.00	04/11/2018	58	58	PASS	CP



WEDGE SEAM LOG

Project Name: Riverdale Lagoon Secondary Cell 1 Product Type: 60 mls smooth											
SEAM LOG							AIR TEST INFORMATION				
BETWEEN PANELS	WELD DATE	TIME OF DAY		TECHNICIAN	WEDGE #	SEAM LENGTH	TEST DATE	START PSI	FINISH PSI	TEST RESULTS	QC TECHNICIAN
		DD/MMM/YY	AM								
P74xP72	04/11/2018		2:04	KH	32	43.00	04/11/2018	58	58	PASS	CP
P75xP72	04/11/2018		2:04	KH	32	35.00	04/11/2018	58	58	PASS	CP
P76xP72	04/11/2018		2:04	KH	32	146.00	04/11/2018	58	58	PASS	CP
P76xP77	04/11/2018		2:05	DT	27	64.00	04/11/2018	44	44	PASS	CP
P77xP78	04/11/2018		2:09	DM	42	30.00	04/11/2018	51	51	PASS	CP
P78xP79	04/11/2018		4:27	DM	42	19.00	04/11/2018	50	50	PASS	CP
P79xP80	04/11/2018		2:18	DM	42	19.00	04/11/2018	50	50	PASS	CP
P80xP81	04/11/2018		2:21	DT	27	20.00	04/11/2018	50	50	PASS	CP
P81xP82	04/11/2018		2:25	DM	42	43.00	04/11/2018	45	45	PASS	CP
P82xP83	04/11/2018		2:31	DT	27	59.00	04/11/2018	45	45	PASS	CP
P83xP84	04/11/2018		2:35	DM	42	59.00	04/11/2018	51	51	PASS	CP
P84xP85	04/11/2018		2:41	DT	27	59.00	04/11/2018	51	51	PASS	CP
P85xP86	04/11/2018		2:43	DM	42	59.00	04/11/2018	55	55	PASS	CP
P86xP87	04/11/2018		2:50	DT	27	59.00	04/11/2018	50	50	PASS	CP
P87xP88	04/11/2018		2:53	DM	42	59.00	04/11/2018	45	45	PASS	CP
P88xP89	04/11/2018		2:58	DT	27	59.00	04/11/2018	45	45	PASS	CP
P89xP90	04/11/2018		3:01	DM	42	59.00	04/11/2018	45	45	PASS	CP
P90xP91	04/11/2018		3:05	DT	27	59.00	04/11/2018	50	50	PASS	CP
P91xP92	04/11/2018		3:09	DM	42	59.00	04/11/2018	50	50	PASS	CP
P92xP93	04/11/2018		3:23	DM	42	59.00	04/11/2018	46	46	PASS	CP
P93xP94	04/11/2018		3:27	DT	27	40.00	04/11/2018	45	45	PASS	CP
P94xP95	04/11/2018		3:30	DM	42	9.00	04/11/2018	48	48	PASS	CP
P95xP96	04/11/2018		3:27	DM	42	7.00	04/11/2018	46	46	PASS	CP
P96xP97	04/11/2018		3:28	DM	42	7.00	04/11/2018	46	46	PASS	CP
P97xP98	04/11/2018		3:19	KH	32	36.00	04/11/2018	50	50	PASS	CP
P98xP73	04/11/2018		3:10	KH	32	61.00	04/11/2018	47	47	PASS	CP
P99xP100	04/11/2018		4:47	DT	27	35.00	04/11/2018	43	43	PASS	CP
P100xP101	04/11/2018		4:50	DT	27	28.00	04/11/2018	47	47	PASS	CP
P101xP102	04/11/2018		4:54	DT	27	28.00	04/11/2018	46	46	PASS	CP
P102xP103	04/11/2018		4:59	DT	27	60.00	04/11/2018	46	46	PASS	CP
P103xP104	04/11/2018		5:09	DT	27	60.00	04/11/2018	45	45	PASS	CP
P104xP105	04/11/2018		5:10	AS	9	60.00	04/11/2018	45	45	PASS	CP
P105xP106	04/11/2018		5:17	DT	27	60.00	04/11/2018	50	50	PASS	CP
P106xP107	04/11/2018		5:23	AS	9	60.00	04/11/2018	49	49	PASS	CP
P107xP108	04/11/2018		5:26	DT	27	60.00	04/11/2018	49	49	PASS	CP
P108xP109	04/11/2018		5:32	AS	9	60.00	04/11/2018	49	49	PASS	CP
P109xP110	04/11/2018		5:35	DT	27	60.00	04/11/2018	46	46	PASS	CP
P110xP111	04/11/2018		5:42	AS	9	60.00	04/11/2018	46	46	PASS	CP



WEDGE TRIAL LOG

Project Name: Riverdale Lagoon Secondary Cell 1

Product Type: 60 mls smooth

Wedge #: 42
 Date: 01/11/2018
 Sheet Type: 60 mls smooth black

AM TEST

Time: <u>11:11</u> AM		ELONGATION	FAILURE TYPE
Technician: <u>DM</u>			
Sheet Temp: <u>2</u> °C			
Wedge Speed: <u>600</u> m/min			
Wedge Temp: <u>860</u> °C / °F			
INSIDE PEEL	136	200%+	F.T.B.
	124	200%+	F.T.B.
	139	200%+	F.T.B.
	140	200%+	F.T.B.
		200%+	F.T.B.
OUTSIDE PEEL	128	200%+	F.T.B.
	139	200%+	F.T.B.
	150	200%+	F.T.B.
	133	200%+	F.T.B.
		200%+	F.T.B.
SHEAR PEEL	180	200%+	F.T.B.
	166	200%+	F.T.B.
		200%+	F.T.B.
		200%+	F.T.B.
		200%+	F.T.B.

PM TEST

Time: <u>3:30</u> PM		ELONGATION	FAILURE TYPE
Technician: <u>DM</u>			
Sheet Temp: <u>2</u> °C			
Wedge Speed: <u>600</u> m/min			
Wedge Temp: <u>860</u> °C / °F			
INSIDE PEEL	144	200%+	F.T.B.
	153	200%+	F.T.B.
	160	200%+	F.T.B.
	145	200%+	F.T.B.
		200%+	F.T.B.
OUTSIDE PEEL	149	200%+	F.T.B.
	156	200%+	F.T.B.
	163	200%+	F.T.B.
	170	200%+	F.T.B.
		200%+	F.T.B.
SHEAR PEEL	189	200%+	F.T.B.
	193	200%+	F.T.B.
		200%+	F.T.B.
		200%+	F.T.B.
		200%+	F.T.B.

NOTES:

Wedge #: 41
 Date: 01/11/20118
 Sheet Type: 60 mls smooth

AM TEST

Time: <u>11:11</u> AM		ELONGATION	FAILURE TYPE
Technician: <u>DT</u>			
Sheet Temp: <u>2</u> °C			
Wedge Speed: <u>450</u> m/min			
Wedge Temp: <u>860</u> °C / °F			
INSIDE PEEL	129	200%+	F.T.B.
	132	200%+	F.T.B.
	151	200%+	F.T.B.
	130	200%+	F.T.B.
		200%+	F.T.B.
OUTSIDE PEEL	127	200%+	F.T.B.
	142	200%+	F.T.B.
	136	200%+	F.T.B.
	134	200%+	F.T.B.
		200%+	F.T.B.
SHEAR PEEL	175	200%+	F.T.B.
	180	200%+	F.T.B.
		200%+	F.T.B.
		200%+	F.T.B.
		200%+	F.T.B.

PM TEST

Time: <u>3:30</u> PM		ELONGATION	FAILURE TYPE
Technician: _____			
Sheet Temp: _____ °C			
Wedge Speed: _____ m/min			
Wedge Temp: _____ °C / °F			
INSIDE PEEL	153	200%+	F.T.B.
	149	200%+	F.T.B.
	158	200%+	F.T.B.
	166	200%+	F.T.B.
		200%+	F.T.B.
OUTSIDE PEEL	163	200%+	F.T.B.
	151	200%+	F.T.B.
	130	200%+	F.T.B.
	145	200%+	F.T.B.
		200%+	F.T.B.
SHEAR PEEL	206	200%+	F.T.B.
	199	200%+	F.T.B.
		200%+	F.T.B.
		200%+	F.T.B.
		200%+	F.T.B.

NOTES:



WEDGE TRIAL LOG

Project Name: Riverdale Lagoon Secondary Cell 1

Product Type: 60 mls smooth

Wedge #: 32
 Date: 01/11/2018
 Sheet Type: 60 mls smooth

AM TEST

Time: <u>11:30</u> AM		ELONGATION	FAILURE TYPE
Technician: <u>KH</u>			
Sheet Temp: <u>2</u> °C			
Wedge Speed: <u>520</u> m/min			
Wedge Temp: <u>860</u> °C / °F			
INSIDE PEEL	126	200%+	F.T.B.
	130	200%+	F.T.B.
	144	200%+	F.T.B.
	150	200%+	F.T.B.
		200%+	F.T.B.
OUTSIDE PEEL	147	200%+	F.T.B.
	145	200%+	F.T.B.
	153	200%+	F.T.B.
	132	200%+	F.T.B.
		200%+	F.T.B.
SHEAR PEEL	180	200%+	F.T.B.
	173	200%+	F.T.B.
		200%+	F.T.B.
		200%+	F.T.B.
		200%+	F.T.B.

PM TEST

Time: <u>3:00</u> PM		ELONGATION	FAILURE TYPE
Technician: <u>KH</u>			
Sheet Temp: <u>2</u> °C			
Wedge Speed: <u>529</u> m/min			
Wedge Temp: <u>860</u> °C / °F			
INSIDE PEEL	132	200%+	F.T.B.
	154	200%+	F.T.B.
	160	200%+	F.T.B.
	177	200%+	F.T.B.
		200%+	F.T.B.
OUTSIDE PEEL	145	200%+	F.T.B.
	159	200%+	F.T.B.
	166	200%+	F.T.B.
	172	200%+	F.T.B.
		200%+	F.T.B.
SHEAR PEEL	188	200%+	F.T.B.
	198	200%+	F.T.B.
		200%+	F.T.B.
		200%+	F.T.B.
		200%+	F.T.B.

NOTES:

Wedge #: 42
 Date: 02/11/2018
 Sheet Type: 60 mls smooth hdpe black

AM TEST

Time: _____ AM		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.
		200%+	F.T.B.
		200%+	F.T.B.
OUTSIDE PEEL		200%+	F.T.B.
		200%+	F.T.B.
		200%+	F.T.B.
		200%+	F.T.B.
		200%+	F.T.B.
SHEAR PEEL		200%+	F.T.B.
		200%+	F.T.B.
		200%+	F.T.B.
		200%+	F.T.B.
		200%+	F.T.B.

PM TEST

Time: <u>1:30</u> PM		ELONGATION	FAILURE TYPE
Technician: <u>DM</u>			
Sheet Temp: <u>-3</u> °C			
Wedge Speed: <u>610</u> m/min			
Wedge Temp: <u>860</u> °C / °F			
INSIDE PEEL	143	200%+	F.T.B.
	139	200%+	F.T.B.
	156	200%+	F.T.B.
	162	200%+	F.T.B.
		200%+	F.T.B.
OUTSIDE PEEL	165	200%+	F.T.B.
	149	200%+	F.T.B.
	159	200%+	F.T.B.
	166	200%+	F.T.B.
		200%+	F.T.B.
SHEAR PEEL	189	200%+	F.T.B.
	196	200%+	F.T.B.
		200%+	F.T.B.
		200%+	F.T.B.
		200%+	F.T.B.

NOTES:



WEDGE TRIAL LOG

Project Name: Riverdale Lagoon Secondary Cell 1

Product Type: 60 mls smooth

Wedge #: 41
 Date: 02/11/2018
 Sheet Type: 60 mls smooth hdpe black

AM TEST

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

PM TEST

Time: <u>1:45</u> PM Technician: <u>DT</u> Sheet Temp: <u>-3</u> °C Wedge Speed: <u>430</u> m/min Wedge Temp: <u>860</u> °C / °F		ELONGATION	FAILURE TYPE
INSIDE PEEL		144	200%+ F.T.B.
		137	200%+ F.T.B.
		129	200%+ F.T.B.
		133	200%+ F.T.B.
			200%+ F.T.B.
OUTSIDE PEEL		143	200%+ F.T.B.
		132	200%+ F.T.B.
		150	200%+ F.T.B.
		159	200%+ F.T.B.
			200%+ F.T.B.
SHEAR PEEL		177	200%+ F.T.B.
		189	200%+ F.T.B.
			200%+ F.T.B.
			200%+ F.T.B.
			200%+ F.T.B.

NOTES:

Wedge #: 32
 Date: 02/11/2018
 Sheet Type: 60 mls smooth hdpe black

AM TEST

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

PM TEST

Time: <u>2:18</u> PM Technician: <u>KH</u> Sheet Temp: <u>-3</u> °C Wedge Speed: <u>470</u> m/min Wedge Temp: <u>860</u> °C / °F		ELONGATION	FAILURE TYPE
INSIDE PEEL		150	200%+ F.T.B.
		139	200%+ F.T.B.
		170	200%+ F.T.B.
		168	200%+ F.T.B.
			200%+ F.T.B.
OUTSIDE PEEL		169	200%+ F.T.B.
		171	200%+ F.T.B.
		159	200%+ F.T.B.
		159	200%+ F.T.B.
			200%+ F.T.B.
SHEAR PEEL		189	200%+ F.T.B.
		199	200%+ F.T.B.
			200%+ F.T.B.
			200%+ F.T.B.
			200%+ F.T.B.

NOTES:



WEDGE TRIAL LOG

Project Name: Riverdale Lagoon Secondary Cell 1

Product Type: 60 mls smooth

Wedge #: 9
 Date: 02/11/2018
 Sheet Type: 60 mls smooth hdpe black

AM TEST

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

PM TEST

Time: <u>2:59</u> PM Technician: <u>AS</u> Sheet Temp: <u>-3</u> °C Wedge Speed: <u>550</u> m/min Wedge Temp: <u>860</u> °C / °F		ELONGATION	FAILURE TYPE
INSIDE PEEL		143	200%+ F.T.B.
		143	200%+ F.T.B.
		139	200%+ F.T.B.
		151	200%+ F.T.B.
			200%+ F.T.B.
OUTSIDE PEEL		152	200%+ F.T.B.
		160	200%+ F.T.B.
		138	200%+ F.T.B.
		147	200%+ F.T.B.
			200%+ F.T.B.
SHEAR PEEL		179	200%+ F.T.B.
		195	200%+ F.T.B.
			200%+ F.T.B.
			200%+ F.T.B.
			200%+ F.T.B.

NOTES:

Wedge #: 27
 Date: 03/11/2018
 Sheet Type: 60 mls smooth hdpe black

AM TEST

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

PM TEST

Time: <u>2:38</u> PM Technician: <u>DT</u> Sheet Temp: <u>0</u> °C Wedge Speed: <u>700</u> m/min Wedge Temp: <u>860</u> °C / °F		ELONGATION	FAILURE TYPE
INSIDE PEEL		139	200%+ F.T.B.
		129	200%+ F.T.B.
		144	200%+ F.T.B.
		148	200%+ F.T.B.
			200%+ F.T.B.
OUTSIDE PEEL		156	200%+ F.T.B.
		170	200%+ F.T.B.
		163	200%+ F.T.B.
		144	200%+ F.T.B.
			200%+ F.T.B.
SHEAR PEEL		199	200%+ F.T.B.
		204	200%+ F.T.B.
			200%+ F.T.B.
			200%+ F.T.B.
			200%+ F.T.B.

NOTES:



WEDGE TRIAL LOG

Project Name: Riverdale Lagoon Secondary Cell 1

Product Type: 60 mls smooth

Wedge #: 32
 Date: 03/11/2018
 Sheet Type: 60 MLS SMOOTH HDPE BLACK

AM TEST

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

PM TEST

Time: <u>2:15</u> PM Technician: <u>KH</u> Sheet Temp: <u>0</u> °C Wedge Speed: <u>620</u> m/min Wedge Temp: <u>860</u> °C / °F		ELONGATION	FAILURE TYPE
INSIDE PEEL		149	200%+ F.T.B.
		153	200%+ F.T.B.
		155	200%+ F.T.B.
		138	200%+ F.T.B.
			200%+ F.T.B.
OUTSIDE PEEL		148	200%+ F.T.B.
		153	200%+ F.T.B.
		160	200%+ F.T.B.
		148	200%+ F.T.B.
			200%+ F.T.B.
SHEAR PEEL		180	200%+ F.T.B.
		188	200%+ F.T.B.
			200%+ F.T.B.
			200%+ F.T.B.
			200%+ F.T.B.

NOTES:

Wedge #: 9
 Date: 03/11/2018
 Sheet Type: 60 MLS SMOOTH HDPE BLACK

AM TEST

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

PM TEST

Time: <u>2:20</u> PM Technician: <u>AS</u> Sheet Temp: <u>0</u> °C Wedge Speed: <u>600</u> m/min Wedge Temp: <u>860</u> °C / °F		ELONGATION	FAILURE TYPE
INSIDE PEEL		143	200%+ F.T.B.
		149	200%+ F.T.B.
		152	200%+ F.T.B.
		167	200%+ F.T.B.
			200%+ F.T.B.
OUTSIDE PEEL		159	200%+ F.T.B.
		166	200%+ F.T.B.
		132	200%+ F.T.B.
		139	200%+ F.T.B.
			200%+ F.T.B.
SHEAR PEEL		156	200%+ F.T.B.
		170	200%+ F.T.B.
			200%+ F.T.B.
			200%+ F.T.B.
			200%+ F.T.B.

NOTES:



WEDGE TRIAL LOG

Project Name: Riverdale Lagoon Secondary Cell 1

Product Type: 60 mls smooth

Wedge #: DM
 Date: 03/11/2018
 Sheet Type: 60 mls smooth black hdpe

AM TEST

Time: _____ AM		ELONGATION	FAILURE TYPE
Technician: _____			
Sheet Temp: _____ °C			
Wedge Speed: _____ m/min			
Wedge Temp: _____ °C / °F			
INSIDE PEEL	144	200%+	F.T.B.
	133	200%+	F.T.B.
	147	200%+	F.T.B.
	151	200%+	F.T.B.
		200%+	F.T.B.
OUTSIDE PEEL	154	200%+	F.T.B.
	160	200%+	F.T.B.
	149	200%+	F.T.B.
	133	200%+	F.T.B.
		200%+	F.T.B.
SHEAR PEEL	188	200%+	F.T.B.
	187	200%+	F.T.B.
		200%+	F.T.B.
		200%+	F.T.B.
		200%+	F.T.B.

PM TEST

Time: 2:21 PM		ELONGATION	FAILURE TYPE
Technician: DM			
Sheet Temp: 0 °C			
Wedge Speed: 600 m/min			
Wedge Temp: 860 °C / °F			
INSIDE PEEL	149	200%+	F.T.B.
	156	200%+	F.T.B.
	163	200%+	F.T.B.
	159	200%+	F.T.B.
		200%+	F.T.B.
OUTSIDE PEEL	139	200%+	F.T.B.
	149	200%+	F.T.B.
	159	200%+	F.T.B.
	165	200%+	F.T.B.
		200%+	F.T.B.
SHEAR PEEL	189	200%+	F.T.B.
	195	200%+	F.T.B.
		200%+	F.T.B.
		200%+	F.T.B.
		200%+	F.T.B.

NOTES:

Wedge #: 42
 Date: 04/11/2018
 Sheet Type: 60 MLS SMOOTH BLACK

AM TEST

Time: 9:16 AM		ELONGATION	FAILURE TYPE
Technician: DM			
Sheet Temp: 0 °C			
Wedge Speed: 600 m/min			
Wedge Temp: 860 °C / °F			
INSIDE PEEL	134	200%+	F.T.B.
	140	200%+	F.T.B.
	144	200%+	F.T.B.
	139	200%+	F.T.B.
		200%+	F.T.B.
OUTSIDE PEEL	141	200%+	F.T.B.
	148	200%+	F.T.B.
	139	200%+	F.T.B.
	150	200%+	F.T.B.
		200%+	F.T.B.
SHEAR PEEL	187	200%+	F.T.B.
	200	200%+	F.T.B.
		200%+	F.T.B.
		200%+	F.T.B.
		200%+	F.T.B.

PM TEST

Time: 1:30 PM		ELONGATION	FAILURE TYPE
Technician: DM			
Sheet Temp: 0 °C			
Wedge Speed: 600 m/min			
Wedge Temp: 860 °C / °F			
INSIDE PEEL	129	200%+	F.T.B.
	135	200%+	F.T.B.
	147	200%+	F.T.B.
	153	200%+	F.T.B.
		200%+	F.T.B.
OUTSIDE PEEL	156	200%+	F.T.B.
	160	200%+	F.T.B.
	165	200%+	F.T.B.
	147	200%+	F.T.B.
		200%+	F.T.B.
SHEAR PEEL	165	200%+	F.T.B.
	187	200%+	F.T.B.
		200%+	F.T.B.
		200%+	F.T.B.
		200%+	F.T.B.

NOTES:



WEDGE TRIAL LOG

Project Name: Riverdale Lagoon Secondary Cell 1

Product Type: 60 mls smooth

Wedge #: 27
 Date: 04/11/2018
 Sheet Type: 60 MLS SMOOTH BLACK

AM TEST

Time: <u>9:30</u> AM		ELONGATION	FAILURE TYPE
Technician: <u>DT</u>			
Sheet Temp: <u>0</u> °C			
Wedge Speed: <u>620</u> m/min			
Wedge Temp: <u>860</u> °C / °F			
INSIDE PEEL	139	200%+	F.T.B.
	140	200%+	F.T.B.
	155	200%+	F.T.B.
	157	200%+	F.T.B.
		200%+	F.T.B.
OUTSIDE PEEL	157	200%+	F.T.B.
	149	200%+	F.T.B.
	161	200%+	F.T.B.
	164	200%+	F.T.B.
		200%+	F.T.B.
SHEAR PEEL	189	200%+	F.T.B.
	196	200%+	F.T.B.
		200%+	F.T.B.
		200%+	F.T.B.
		200%+	F.T.B.

PM TEST

Time: <u>1:30</u> PM		ELONGATION	FAILURE TYPE
Technician: <u>DT</u>			
Sheet Temp: <u>0</u> °C			
Wedge Speed: <u>620</u> m/min			
Wedge Temp: <u>860</u> °C / °F			
INSIDE PEEL	144	200%+	F.T.B.
	151	200%+	F.T.B.
	154	200%+	F.T.B.
	143	200%+	F.T.B.
		200%+	F.T.B.
OUTSIDE PEEL	139	200%+	F.T.B.
	137	200%+	F.T.B.
	154	200%+	F.T.B.
	160	200%+	F.T.B.
		200%+	F.T.B.
SHEAR PEEL	199	200%+	F.T.B.
	179	200%+	F.T.B.
		200%+	F.T.B.
		200%+	F.T.B.
		200%+	F.T.B.

NOTES:

Wedge #: 32
 Date: 04/11/2018
 Sheet Type: 60 MLS SMOOTH BLACK

AM TEST

Time: <u>9:10</u> AM		ELONGATION	FAILURE TYPE
Technician: <u>KH</u>			
Sheet Temp: <u>0</u> °C			
Wedge Speed: <u>680</u> m/min			
Wedge Temp: <u>860</u> °C / °F			
INSIDE PEEL	166	200%+	F.T.B.
	149	200%+	F.T.B.
	153	200%+	F.T.B.
	156	200%+	F.T.B.
		200%+	F.T.B.
OUTSIDE PEEL	160	200%+	F.T.B.
	165	200%+	F.T.B.
	170	200%+	F.T.B.
	156	200%+	F.T.B.
		200%+	F.T.B.
SHEAR PEEL	190	200%+	F.T.B.
	201	200%+	F.T.B.
		200%+	F.T.B.
		200%+	F.T.B.
		200%+	F.T.B.

PM TEST

Time: <u>1:19</u> PM		ELONGATION	FAILURE TYPE
Technician: <u>KH</u>			
Sheet Temp: <u>0</u> °C			
Wedge Speed: <u>680</u> m/min			
Wedge Temp: <u>860</u> °C / °F			
INSIDE PEEL	153	200%+	F.T.B.
	156	200%+	F.T.B.
	160	200%+	F.T.B.
	139	200%+	F.T.B.
		200%+	F.T.B.
OUTSIDE PEEL	139	200%+	F.T.B.
	147	200%+	F.T.B.
	151	200%+	F.T.B.
	150	200%+	F.T.B.
		200%+	F.T.B.
SHEAR PEEL	199	200%+	F.T.B.
	200	200%+	F.T.B.
		200%+	F.T.B.
		200%+	F.T.B.
		200%+	F.T.B.

NOTES:



WEDGE TRIAL LOG

Project Name: Riverdale Lagoon Secondary Cell 1

Product Type: 60 mls smooth

Wedge #: 9
 Date: 04/11/2018
 Sheet Type: 60 MLS SMOOTH BLACK

AM TEST

Time: <u>9:20</u> AM		ELONGATION	FAILURE TYPE
Technician: <u>AS</u>			
Sheet Temp: <u>0</u> °C			
Wedge Speed: <u>650</u> m/min			
Wedge Temp: <u>860</u> °C / °F			
INSIDE PEEL	154	200%+	F.T.B.
	128	200%+	F.T.B.
	156	200%+	F.T.B.
	144	200%+	F.T.B.
		200%+	F.T.B.
OUTSIDE PEEL	149	200%+	F.T.B.
	160	200%+	F.T.B.
	155	200%+	F.T.B.
	157	200%+	F.T.B.
		200%+	F.T.B.
SHEAR PEEL	180	200%+	F.T.B.
	185	200%+	F.T.B.
		200%+	F.T.B.
		200%+	F.T.B.
		200%+	F.T.B.

PM TEST

Time: <u>1:20</u> PM		ELONGATION	FAILURE TYPE
Technician: <u>AS</u>			
Sheet Temp: <u>0</u> °C			
Wedge Speed: <u>650</u> m/min			
Wedge Temp: <u>860</u> °C / °F			
INSIDE PEEL	149	200%+	F.T.B.
	153	200%+	F.T.B.
	153	200%+	F.T.B.
	149	200%+	F.T.B.
		200%+	F.T.B.
OUTSIDE PEEL	156	200%+	F.T.B.
	157	200%+	F.T.B.
	154	200%+	F.T.B.
	160	200%+	F.T.B.
		200%+	F.T.B.
SHEAR PEEL	189	200%+	F.T.B.
	182	200%+	F.T.B.
		200%+	F.T.B.
		200%+	F.T.B.
		200%+	F.T.B.

NOTES:



EXTRUDER TRIAL LOG

Project Name: RIVERDALE LAGOON SECONDARY CELL 1 Product Type: 60 mls smooth

Extruder#: 21
 Date: 03/11/2018
 Sheet Type: 60 mls smooth hdpe black

AM TEST

Time: <u>9:45</u> AM		ELONGATION	FAILURE TYPE
Technician: <u>DP</u>			
Sheet Temp: <u>0</u> °C			
Barrel/Air Temp: <u>480/480</u> °C / °F			
INSIDE PEEL	166	200%+	F.T.B.
	159	200%+	F.T.B.
	170	200%+	F.T.B.
	146	200%+	F.T.B.
		200%+	F.T.B.
SHEAR	202	200%+	F.T.B.
	199	200%+	F.T.B.
		200%+	F.T.B.
		200%+	F.T.B.
		200%+	F.T.B.

PM TEST

Time: <u>2:00</u> PM		ELONGATION	FAILURE TYPE
Technician: <u>DP</u>			
Sheet Temp: <u>0</u> °C			
Barrel/Air Temp: <u>480/480</u> °C / °F			
INSIDE PEEL	149	200%+	F.T.B.
	158	200%+	F.T.B.
	165	200%+	F.T.B.
	173	200%+	F.T.B.
		200%+	F.T.B.
SHEAR	189	200%+	F.T.B.
	200	200%+	F.T.B.
		200%+	F.T.B.
		200%+	F.T.B.
		200%+	F.T.B.

NOTES:

Extruder#: 21
 Date: 04/11/2018
 Sheet Type: 60 mls smooth hdpe black

AM TEST

Time: <u>9:30</u> AM		ELONGATION	FAILURE TYPE
Technician: <u>DP</u>			
Sheet Temp: <u>0</u> °C			
Barrel/Air Temp: <u>480/480</u> °C / °F			
INSIDE PEEL	149	200%+	F.T.B.
	138	200%+	F.T.B.
	163	200%+	F.T.B.
	139	200%+	F.T.B.
		200%+	F.T.B.
SHEAR	200	200%+	F.T.B.
	201	200%+	F.T.B.
		200%+	F.T.B.
		200%+	F.T.B.
		200%+	F.T.B.

PM TEST

Time: <u>1:30</u> PM		ELONGATION	FAILURE TYPE
Technician: <u>DP</u>			
Sheet Temp: <u>0</u> °C			
Barrel/Air Temp: <u>480/480</u> °C / °F			
INSIDE PEEL	160	200%+	F.T.B.
	146	200%+	F.T.B.
	155	200%+	F.T.B.
	167	200%+	F.T.B.
		200%+	F.T.B.
SHEAR	198	200%+	F.T.B.
	198	200%+	F.T.B.
		200%+	F.T.B.
		200%+	F.T.B.
		200%+	F.T.B.

NOTES:

Extruder#: 21
 Date: 05/11/2018
 Sheet Type: 60 mls smooth hdpe black

AM TEST

Time: <u>9:15</u> AM		ELONGATION	FAILURE TYPE
Technician: <u>DP</u>			
Sheet Temp: <u>1</u> °C			
Barrel/Air Temp: <u>480/480</u> °C / °F			
INSIDE PEEL	134	200%+	F.T.B.
	146	200%+	F.T.B.
	156	200%+	F.T.B.
	155	200%+	F.T.B.
		200%+	F.T.B.
SHEAR	200	200%+	F.T.B.
	188	200%+	F.T.B.
		200%+	F.T.B.
		200%+	F.T.B.
		200%+	F.T.B.

PM TEST

Time: <u>1:15</u> PM		ELONGATION	FAILURE TYPE
Technician: <u>DP</u>			
Sheet Temp: <u>1</u> °C			
Barrel/Air Temp: <u>480/480</u> °C / °F			
INSIDE PEEL	144	200%+	F.T.B.
	158	200%+	F.T.B.
	161	200%+	F.T.B.
	161	200%+	F.T.B.
		200%+	F.T.B.
SHEAR	189	200%+	F.T.B.
	197	200%+	F.T.B.
		200%+	F.T.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 Riverdale Lagoon Secondary Cell 1

Product Type: 60 mls smooth

DETAIL NUMBER	DETAIL DATE	TECHNICIAN	CODE	DIMENSIONS	LOCATION	TEST DATE	TEST RESULTS	QC TECH	TEST TYPE
			SEE LEGEND			DD/MMM/YY			
R1	03/11/2018	DP	E	1'	P1xP2	03/11/2018	PASS	CP	150 in seam of 1x2, going south of cell
R2	03/11/2018	DP	E	1'	P1xP2	03/11/2018	PASS	CP	200' in seam of 1x2, going south of cell
R3	03/11/2018	DP	E	1'	P3xP4	03/11/2018	PASS	CP	top berm, south sid of cell
R4	03/11/2018	DP	E	1'	P8xP9	03/11/2018	PASS	CP	mid seam on floor
R5	03/11/2018	DP	E	1'	P10xP11	03/11/2018	PASS	CP	south side on upper slope
R6	03/11/2018	DP	E	1'	P13xP14	03/11/2018	PASS	CP	mid seam on south side
R7	03/11/2018	DP	E	1'	P14xP15	03/11/2018	PASS	CP	top berm of slope, north side of cell
R8	03/11/2018	DP	P	2X2	P22xP23	03/11/2018	PASS	CP	
R9	03/11/2018	DP	P	1X1	P30XP31	03/11/2018	PASS	CP	bottom slope, north side of seam
R10	03/11/2018	DP	P	2X2	P35XP36	03/11/2018	PASS	CP	top slope of south side
R11	03/11/2018	DP	P	3X1	P38XP39	03/11/2018	PASS	CP	200' in seam going north
R12	03/11/2018	DP	P	1X1	P38XP39	03/11/2018	PASS	CP	100' on floor on north side
R13	04/11/2018	DP	P	2X1	P65XP68	04/11/2018	PASS	CP	top berm of south side of cell
R14	04/11/2018	DP	PT	30x9	P57	04/11/2018	PASS	CP	mid panel of 57, 5' away from toe
R15	05/11/2018	DP	PT	10X10	P107	05/11/2018	PASS	CP	bottom floor of mid panel
R16	03/11/2018	DP	PT	10X10	P6	05/11/2018	PASS	CP	mid panel of 6, 5' away from toe
R17	03/11/2018	DP	P	2x2	P103	05/11/2018	PASS	CP	top berm
R18	03/11/2018	DP	P	2x2	P116	4/11/2018	PASS	CP	top berm
V1	4/11/2018	DP	Vent Caps (2" vents) (P)	2x2	P118	4/11/2018	PASS	CP	5' from seam of 118x1
V2	4/11/2018	DP	Vent Caps (2" vents) (P)	2x2	P1	4/11/2018	PASS	CP	mid panel
V3	4/11/2018	DP	Vent Caps (2" vents) (P)	2x2	P4	4/11/2018	PASS	CP	mid panel
V4	4/11/2018	DP	Vent Caps (2" vents) (P)	2x2	P6	4/11/2018	PASS	CP	5' from seam of 5x6
V5	4/11/2018	DP	Vent Caps (2" vents) (P)	2x2	P7xP8	4/11/2018	PASS	CP	in seam
V6	4/11/2018	DP	Vent Caps (2" vents) (P)	2x2	P9	4/11/2018	PASS	CP	5' from seam of 9x10
V7	4/11/2018	DP	Vent Caps (2" vents) (P)	2x2	P11	4/11/2018	PASS	CP	mid panel
V8	4/11/2018	DP	Vent Caps (2" vents) (P)	2x2	P13	4/11/2018	PASS	CP	mid panel
V9	4/11/2018	DP	Vent Caps (2" vents) (P)	2x2	P15	4/11/2018	PASS	CP	4' from seam of 14x15
V10	4/11/2018	DP	Vent Caps (2" vents) (P)	2x2	P17	4/11/2018	PASS	CP	2' from seam of 16x17
V11	4/11/2018	DP	Vent Caps (2" vents) (P)	2x2	P18	4/11/2018	PASS	CP	1' from seam of 18x19
V12	4/11/2018	DP	Vent Caps (2" vents) (P)	2x2	P20	4/11/2018	PASS	CP	2' from seam of 20x21



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 Riverdale Lagoon Secondary Cell 1

Product Type: 60 mls smooth

DETAIL NUMBER	DETAIL DATE	TECHNICIAN	CODE	DIMENSIONS	LOCATION	TEST DATE	TEST RESULTS	QC TECH	TEST TYPE
			SEE LEGEND			DD/MMM/YY			
V13	4/11/2018	DP	Vent Caps (2" vents) (P)	2x2	P22	4/11/2018	PASS	CP	mid panel
V14	4/11/2018	DP	Vent Caps (2" vents) (P)	2x2	P24	4/11/2018	PASS	CP	mid panel
V15	4/11/2018	DP	Vent Caps (2" vents) (P)	2x2	P25	4/11/2018	PASS	CP	6" from seam of 25x26
V16	4/11/2018	DP	Vent Caps (2" vents) (P)	2x2	P28	4/11/2018	PASS	CP	8" from seam of 27x28
V17	4/11/2018	DP	Vent Caps (2" vents) (P)	2x2	P29	4/11/2018	PASS	CP	1' from seam 29x30
V18	4/11/2018	DP	Vent Caps (2" vents) (P)	2x2	P31	4/11/2018	PASS	CP	6' from seam of 31x32
V19	4/11/2018	DP	Vent Caps (2" vents) (P)	2x2	P33	4/11/2018	PASS	CP	mid panel
V20	4/11/2018	DP	Vent Caps (2" vents) (P)	2x2	P35	4/11/2018	PASS	CP	5' from seam of 34x35
V21	4/11/2018	DP	Vent Caps (2" vents) (P)	2x2	P37	4/11/2018	PASS	CP	2' from seam of 36x37
V22	4/11/2018	DP	Vent Caps (2" vents) (P)	2x2	P38xP39	4/11/2018	PASS	CP	in seam
V23	4/11/2018	DP	Vent Caps (2" vents) (P)	2x2	P40	4/11/2018	PASS	CP	3' from seam of 40x41
V24	4/11/2018	DP	Vent Caps (2" vents) (P)	2x2	P42	4/11/2018	PASS	CP	4' from seam of 42x45
V25	4/11/2018	DP	Vent Caps (2" vents) (P)	2x2	P48	4/11/2018	PASS	CP	mid panel
V26	4/11/2018	DP	Vent Caps (2" vents) (P)	2x2	P54	4/11/2018	PASS	CP	3' from seam of 51x54
V27	4/11/2018	DP	Vent Caps (2" vents) (P)	2x2	P57	4/11/2018	PASS	CP	8" from seam of 57x60
V28	4/11/2018	DP	Vent Caps (2" vents) (P)	2x2	P63	4/11/2018	PASS	CP	2' from seam of 63x66
V29	4/11/2018	DP	Vent Caps (2" vents) (P)	2x2	P69	4/11/2018	PASS	CP	5' from seam of 69x72
V30	4/11/2018	DP	Vent Caps (2" vents) (P)	2x2	P76xP77	4/11/2018	PASS	CP	in seam
V31	4/11/2018	DP	Vent Caps (2" vents) (P)	2x2	P79	4/11/2018	PASS	CP	2' from seam of 79x80
V32	4/11/2018	DP	Vent Caps (2" vents) (P)	2x2	P81xP82	4/11/2018	PASS	CP	in seam
V33	4/11/2018	DP	Vent Caps (2" vents) (P)	2x2	P83	4/11/2018	PASS	CP	1' from seam of 83x84
V34	4/11/2018	DP	Vent Caps (2" vents) (P)	2x2	P85	4/11/2018	PASS	CP	4' from seam of 85x86
V35	4/11/2018	DP	Vent Caps (2" vents) (P)	2x2	P87	4/11/2018	PASS	CP	mid panel
V36	4/11/2018	DP	Vent Caps (2" vents) (P)	2x2	P89	4/11/2018	PASS	CP	4' from seam of 88x89
V37	4/11/2018	DP	Vent Caps (2" vents) (P)	2x2	P91	4/11/2018	PASS	CP	3' from seam 90x91
V38	4/11/2018	DP	Vent Caps (2" vents) (P)	2x2	P92	4/11/2018	PASS	CP	2' from seam of 92x93
V39	4/11/2018	DP	Vent Caps (2" vents) (P)	2x2	P97	4/11/2018	PASS	CP	8" from seam of 97x96
V40	4/11/2018	DP	Vent Caps (2" vents) (P)	2x2	P98	4/11/2018	PASS	CP	in seam of 98x73
V41	4/11/2018	DP	Vent Caps (2" vents) (P)	2x2	P72	4/11/2018	PASS	CP	6' from seam of 72x71
V42	4/11/2018	DP	Vent Caps (2" vents) (P)	2x2	P68	4/11/2018	PASS	CP	1' from seam of 71x68



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 Riverdale Lagoon Secondary Cell 1

Product Type: 60 mls smooth

DETAIL NUMBER	DETAIL DATE	TECHNICIAN	CODE	DIMENSIONS	LOCATION	TEST DATE	TEST RESULTS	QC TECH	TEST TYPE
			SEE LEGEND			DD/MMM/YY			
V43	4/11/2018	DP	Vent Caps (2" vents) (P)	2x2	P65	4/11/2018	PASS	CP	mid panel
V44	4/11/2018	DP	Vent Caps (2" vents) (P)	2x2	P62	4/11/2018	PASS	CP	1' from seam of 62x59
V45	4/11/2018	DP	Vent Caps (2" vents) (P)	2x2	P56	4/11/2018	PASS	CP	4' from seam of 56x53
V46	4/11/2018	DP	Vent Caps (2" vents) (P)	2x2	P50	4/11/2018	PASS	CP	mid panel
V47	4/11/2018	DP	Vent Caps (2" vents) (P)	2x2	P44	4/11/2018	PASS	CP	3' from seam 44x47
V48	4/11/2018	DP	Vent Caps (2" vents) (P)	2x2	P41	4/11/2018	PASS	CP	3' from seam of 41x40
V49	4/11/2018	DP	Vent Caps (2" vents) (P)	2x2	P39	4/11/2018	PASS	CP	2' from seam of 39x38
V50	4/11/2018	DP	Vent Caps (2" vents) (P)	2x2	P37	4/11/2018	PASS	CP	3' from seam of 37x36
V51	4/11/2018	DP	Vent Caps (2" vents) (P)	2x2	P35	4/11/2018	PASS	CP	mid panel
V52	4/11/2018	DP	Vent Caps (2" vents) (P)	2x2	P33	5/11/2018	PASS	CP	mid panel
V53	4/11/2018	DP	Vent Caps (2" vents) (P)	2x2	P31	5/11/2018	PASS	CP	3' from seam of 31x32
V54	4/11/2018	DP	Vent Caps (2" vents) (P)	2x2	P30	5/11/2018	PASS	CP	in seam of 30x29
V55	4/11/2018	DP	Vent Caps (2" vents) (P)	2x2	P28	5/11/2018	PASS	CP	3' from seam 28x27
V56	4/11/2018	DP	Vent Caps (2" vents) (P)	2x2	P26	5/11/2018	PASS	CP	mid panel
V57	4/11/2018	DP	Vent Caps (2" vents) (P)	2x2	P24	5/11/2018	PASS	CP	2' from seam of 24x25
V58	4/11/2018	DP	Vent Caps (2" vents) (P)	2x2	P22	5/11/2018	PASS	CP	5' from seam of 22x23
V59	4/11/2018	DP	Vent Caps (2" vents) (P)	2x2	P20	5/11/2018	PASS	CP	3' from seam of 20x21
V60	4/11/2018	DP	Vent Caps (2" vents) (P)	2x2	P19	5/11/2018	PASS	CP	1' away from seam of 19x18
V61	4/11/2018	DP	Vent Caps (2" vents) (P)	2x2	P17	5/11/2018	PASS	CP	4' from seam of 17x16
V62	4/11/2018	DP	Vent Caps (2" vents) (P)	2x2	P15	5/11/2018	PASS	CP	4' from seam of 15x14
V63	4/11/2018	DP	Vent Caps (2" vents) (P)	2x2	P13	5/11/2018	PASS	CP	mid panel
V64	4/11/2018	DP	Vent Caps (2" vents) (P)	2x2	P11	5/11/2018	PASS	CP	3' from seam of 12x11
V65	4/11/2018	DP	Vent Caps (2" vents) (P)	2x2	P10	5/11/2018	PASS	CP	10" from seam of 9x10
V66	4/11/2018	DP	Vent Caps (2" vents) (P)	2x2	P8	5/11/2018	PASS	CP	3' from seam 8x7
V67	4/11/2018	DP	Vent Caps (2" vents) (P)	2x2	P6	5/11/2018	PASS	CP	5' from seam 5x6
V68	4/11/2018	DP	Vent Caps (2" vents) (P)	2x2	P4	5/11/2018	PASS	CP	mid panel
V69	4/11/2018	DP	Vent Caps (2" vents) (P)	2x2	P2	5/11/2018	PASS	CP	5' from seam 3x2
V70	4/11/2018	DP	Vent Caps (2" vents) (P)	2x2	P99	5/11/2018	PASS	CP	2' from seam of 1x99
V71	4/11/2018	DP	Vent Caps (2" vents) (P)	2x2	P101	5/11/2018	PASS	CP	6" away from seam of 100x101
V72	4/11/2018	DP	Vent Caps (2" vents) (P)	2x2	P103	5/11/2018	PASS	CP	5' from seam of 103x104



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 Riverdale Lagoon Secondary Cell 1

Product Type: 60 mls smooth

DETAIL NUMBER	DETAIL DATE	TECHNICIAN	CODE	DIMENSIONS	LOCATION	TEST DATE	TEST RESULTS	QC TECH	TEST TYPE
			SEE LEGEND			DD/MMM/YY			
V73	4/11/2018	DP	Vent Caps (2" vents) (P)	2x2	P105	5/11/2018	PASS	CP	mid panel
V74	4/11/2018	DP	Vent Caps (2" vents) (P)	2x2	P107	5/11/2018	PASS	CP	2' from seam 106x107
V75	4/11/2018	DP	Vent Caps (2" vents) (P)	2x2	P109	5/11/2018	PASS	CP	8" from seam 108x109
V76	4/11/2018	DP	Vent Caps (2" vents) (P)	2x2	P110	5/11/2018	PASS	CP	2' from seam 110x111
V77	4/11/2018	DP	Vent Caps (2" vents) (P)	2x2	P112	5/11/2018	PASS	CP	4' from seam 112x113
V78	4/11/2018	DP	Vent Caps (2" vents) (P)	2x2	P114	5/11/2018	PASS	CP	mid panel
V79	4/11/2018	DP	Vent Caps (2" vents) (P)	2x2	P116	5/11/2018	PASS	CP	1' from seam of 116x117



DESTRUCTIVE TEST LOG

Project Name: Riverdale Cell 2

Sheet Type: 60 mls smooth

DT#: <u>1</u>			
Between Panels: <u>P2xP3 KH WW 32</u>			
QA Monitor: <u>CP</u>		ELONGATION	FAILURE TYPE
Date: <u>01/11/2018</u>			
Time: <u>1:34</u>			
INSIDE PEEL	140	200%+	F.T.B.
	137	200%+	F.T.B.
	144	200%+	F.T.B.
	140	200%+	F.T.B.
	155	200%+	F.T.B.
OUTSIDE PEEL	136	200%+	F.T.B.
	151	200%+	F.T.B.
	129	200%+	F.T.B.
	125	200%+	F.T.B.
	149	200%+	F.T.B.
SHEAR PEEL	180	200%+	F.T.B.
	177	200%+	F.T.B.
	189	200%+	F.T.B.
	185	200%+	F.T.B.
	191	200%+	F.T.B.

DT#: <u>2</u>			
Between Panels: <u>P3xP4 DT WW 42</u>			
QA Monitor: <u>CP</u>		ELONGATION	FAILURE TYPE
Date: <u>01/11/2018</u>			
Time: <u>2:28</u>			
INSIDE PEEL	180	200%+	F.T.B.
	160	200%+	F.T.B.
	144	200%+	F.T.B.
	161	200%+	F.T.B.
	163	200%+	F.T.B.
OUTSIDE PEEL	150	200%+	F.T.B.
	138	200%+	F.T.B.
	153	200%+	F.T.B.
	161	200%+	F.T.B.
	158	200%+	F.T.B.
SHEAR PEEL	189	200%+	F.T.B.
	195	200%+	F.T.B.
	175	200%+	F.T.B.
	179	200%+	F.T.B.
	168	200%+	F.T.B.

DT#: <u>3</u>			
Between Panels: <u>P5xP6 KH WW 32</u>			
QA Monitor: <u>CP</u>		ELONGATION	FAILURE TYPE
Date: <u>01/11/2018</u>			
Time: <u>3:19</u>			
INSIDE PEEL	126	200%+	F.T.B.
	129	200%+	F.T.B.
	133	200%+	F.T.B.
	132	200%+	F.T.B.
	140	200%+	F.T.B.
OUTSIDE PEEL	126	200%+	F.T.B.
	145	200%+	F.T.B.
	153	200%+	F.T.B.
	151	200%+	F.T.B.
	139	200%+	F.T.B.
SHEAR PEEL	166	200%+	F.T.B.
	171	200%+	F.T.B.
	183	200%+	F.T.B.
	183	200%+	F.T.B.
	190	200%+	F.T.B.

DT#: <u>4</u>			
Between Panels: <u>P6xP7 DT WW 41</u>			
QA Monitor: <u>CP</u>		ELONGATION	FAILURE TYPE
Date: <u>01/11/2018</u>			
Time: <u>3:44</u>			
INSIDE PEEL	140	200%+	F.T.B.
	127	200%+	F.T.B.
	135	200%+	F.T.B.
	129	200%+	F.T.B.
	144	200%+	F.T.B.
OUTSIDE PEEL	137	200%+	F.T.B.
	138	200%+	F.T.B.
	144	200%+	F.T.B.
	150	200%+	F.T.B.
	149	200%+	F.T.B.
SHEAR PEEL	180	200%+	F.T.B.
	175	200%+	F.T.B.
	166	200%+	F.T.B.
	189	200%+	F.T.B.
	190	200%+	F.T.B.



DESTRUCTIVE TEST LOG

Project Name: Riverdale Cell 2

Sheet Type: 60 mls smooth

DT#: <u>5</u>			
Between Panels: <u>P8xP9 KH WW 32</u>			
QA Monitor: <u>CP</u>		8x9	FAILURE TYPE
Date: <u>01/11/2018</u>			
Time: <u>4:15</u>			
INSIDE PEEL	133	200%+	F.T.B.
	134	200%+	F.T.B.
	141	200%+	F.T.B.
	130	200%+	F.T.B.
	128	200%+	F.T.B.
OUTSIDE PEEL	132	200%+	F.T.B.
	145	200%+	F.T.B.
	136	200%+	F.T.B.
	150	200%+	F.T.B.
	140	200%+	F.T.B.
SHEAR PEEL	171	200%+	F.T.B.
	183	200%+	F.T.B.
	183	200%+	F.T.B.
	190	200%+	F.T.B.
	174	200%+	F.T.B.

DT#: <u>6</u>			
Between Panels: <u>P10xP11 DM WW 42</u>			
QA Monitor: <u>CP</u>		ELONGATION	FAILURE TYPE
Date: <u>01/11/2018</u>			
Time: <u>4:42</u>			
INSIDE PEEL	129	200%+	F.T.B.
	127	200%+	F.T.B.
	131	200%+	F.T.B.
	145	200%+	F.T.B.
	146	200%+	F.T.B.
OUTSIDE PEEL	151	200%+	F.T.B.
	123	200%+	F.T.B.
	131	200%+	F.T.B.
	127	200%+	F.T.B.
	130	200%+	F.T.B.
SHEAR PEEL	176	200%+	F.T.B.
	164	200%+	F.T.B.
	169	200%+	F.T.B.
	181	200%+	F.T.B.
	172	200%+	F.T.B.

DT#: <u>7</u>			
Between Panels: <u>P12xP13 DT WW 41</u>			
QA Monitor: <u>CP</u>		ELONGATION	FAILURE TYPE
Date: <u>02/11/2018</u>			
Time: <u>7:00</u> am			
INSIDE PEEL	150	200%+	F.T.B.
	155	200%+	F.T.B.
	141	200%+	F.T.B.
	160	200%+	F.T.B.
	136	200%+	F.T.B.
OUTSIDE PEEL	129	200%+	F.T.B.
	143	200%+	F.T.B.
	127	200%+	F.T.B.
	134	200%+	F.T.B.
	134	200%+	F.T.B.
SHEAR PEEL	180	200%+	F.T.B.
	180	200%+	F.T.B.
	193	200%+	F.T.B.
	178	200%+	F.T.B.
	182	200%+	F.T.B.

DT#: <u>8</u>			
Between Panels: <u>P13xP14 DM WW 42</u>			
QA Monitor: <u>CP</u>		ELONGATION	FAILURE TYPE
Date: <u>02/11/2018</u>			
Time: <u>7:27</u> am			
INSIDE PEEL	128	200%+	F.T.B.
	122	200%+	F.T.B.
	130	200%+	F.T.B.
	125	200%+	F.T.B.
	143	200%+	F.T.B.
OUTSIDE PEEL	134	200%+	F.T.B.
	134	200%+	F.T.B.
	151	200%+	F.T.B.
	144	200%+	F.T.B.
	154	200%+	F.T.B.
SHEAR PEEL	170	200%+	F.T.B.
	165	200%+	F.T.B.
	179	200%+	F.T.B.
	182	200%+	F.T.B.
	190	200%+	F.T.B.



DESTRUCTIVE TEST LOG

Project Name: Riverdale Cell 2

Sheet Type: 60 mls smooth

DT#: <u>9</u>			
Between Panels: <u>P16xP17 DT WW 41</u>			
QA Monitor: <u>CP</u>		ELONGATION	FAILURE TYPE
Date: <u>02/11/2018</u>			
Time: <u>8:00</u> am			
INSIDE PEEL	143	200%+	F.T.B.
	139	200%+	F.T.B.
	151	200%+	F.T.B.
	140	200%+	F.T.B.
	137	200%+	F.T.B.
OUTSIDE PEEL	129	200%+	F.T.B.
	150	200%+	F.T.B.
	150	200%+	F.T.B.
	151	200%+	F.T.B.
SHEAR PEEL	159	200%+	F.T.B.
	169	200%+	F.T.B.
	177	200%+	F.T.B.
	168	200%+	F.T.B.
	175	200%+	F.T.B.
	183	200%+	F.T.B.

DT#: <u>10</u>			
Between Panels: <u>P17xP18 DM WW42</u>			
QA Monitor: <u>CP</u>		ELONGATION	FAILURE TYPE
Date: <u>02/11/2018</u>			
Time: <u>8:30</u>			
INSIDE PEEL	125	200%+	F.T.B.
	136	200%+	F.T.B.
	139	200%+	F.T.B.
	145	200%+	F.T.B.
	146	200%+	F.T.B.
	150	200%+	F.T.B.
OUTSIDE PEEL	129	200%+	F.T.B.
	137	200%+	F.T.B.
	144	200%+	F.T.B.
	143	200%+	F.T.B.
SHEAR PEEL	175	200%+	F.T.B.
	182	200%+	F.T.B.
	182	200%+	F.T.B.
	179	200%+	F.T.B.
	190	200%+	F.T.B.

DT#: <u>11</u>			
Between Panels: <u>P19xP20 AS WW9</u>			
QA Monitor: <u>CP</u>		ELONGATION	FAILURE TYPE
Date: <u>02/11/2018</u>			
Time: <u>9:00</u>			
INSIDE PEEL	144	200%+	F.T.B.
	139	200%+	F.T.B.
	156	200%+	F.T.B.
	149	200%+	F.T.B.
	165	200%+	F.T.B.
OUTSIDE PEEL	149	200%+	F.T.B.
	158	200%+	F.T.B.
	146	200%+	F.T.B.
	144	200%+	F.T.B.
	153	200%+	F.T.B.
SHEAR PEEL	177	200%+	F.T.B.
	189	200%+	F.T.B.
	199	200%+	F.T.B.
	200	200%+	F.T.B.
	201	200%+	F.T.B.

DT#: <u>12</u>			
Between Panels: <u>P21xP22 DM WW 42</u>			
QA Monitor: <u>CP</u>		ELONGATION	FAILURE TYPE
Date: <u>02/11/2018</u>			
Time: <u>9:23</u>			
INSIDE PEEL	156	200%+	F.T.B.
	139	200%+	F.T.B.
	148	200%+	F.T.B.
	149	200%+	F.T.B.
	150	200%+	F.T.B.
OUTSIDE PEEL	156	200%+	F.T.B.
	160	200%+	F.T.B.
	146	200%+	F.T.B.
	144	200%+	F.T.B.
	149	200%+	F.T.B.
SHEAR PEEL	178	200%+	F.T.B.
	189	200%+	F.T.B.
	199	200%+	F.T.B.
	200	200%+	F.T.B.
	204	200%+	F.T.B.



DESTRUCTIVE TEST LOG

Project Name: Riverdale Cell 2

Sheet Type: 60 mls smooth

DT#: <u>13</u>			
Between Panels: <u>P24xP25 KH WW 32</u>			
QA Monitor: <u>CP</u>		ELONGATION	FAILURE TYPE
Date: <u>02/11/2018</u>			
Time: <u>9:47</u>			
INSIDE PEEL	139	200%+	F.T.B.
	142	200%+	F.T.B.
	150	200%+	F.T.B.
	149	200%+	F.T.B.
	143	200%+	F.T.B.
OUTSIDE PEEL	153	200%+	F.T.B.
	160	200%+	F.T.B.
	165	200%+	F.T.B.
	166	200%+	F.T.B.
SHEAR PEEL	149	200%+	F.T.B.
	199	200%+	F.T.B.
	198	200%+	F.T.B.
	203	200%+	F.T.B.

DT#: <u>14</u>			
Between Panels: <u>P25xP26 DM WW 42</u>			
QA Monitor: <u>CP</u>		ELONGATION	FAILURE TYPE
Date: <u>02/11/2018</u>			
Time: <u>10:11</u>			
INSIDE PEEL	188	200%+	F.T.B.
	169	200%+	F.T.B.
	157	200%+	F.T.B.
	157	200%+	F.T.B.
	158	200%+	F.T.B.
	158	200%+	F.T.B.
OUTSIDE PEEL	164	200%+	F.T.B.
	139	200%+	F.T.B.
	139	200%+	F.T.B.
	148	200%+	F.T.B.
SHEAR PEEL	150	200%+	F.T.B.
	188	200%+	F.T.B.
	190	200%+	F.T.B.
	202	200%+	F.T.B.

DT#: <u>15</u>			
Between Panels: <u>P27xP28 WW DT WW 41</u>			
QA Monitor: <u>CP</u>		ELONGATION	FAILURE TYPE
Date: <u>02/11/2018</u>			
Time: <u>10:29</u>			
INSIDE PEEL	153	200%+	F.T.B.
	160	200%+	F.T.B.
	153	200%+	F.T.B.
	144	200%+	F.T.B.
	149	200%+	F.T.B.
OUTSIDE PEEL	153	200%+	F.T.B.
	153	200%+	F.T.B.
	158	200%+	F.T.B.
	144	200%+	F.T.B.
	145	200%+	F.T.B.
SHEAR PEEL	180	200%+	F.T.B.
	188	200%+	F.T.B.
	190	200%+	F.T.B.
	202	200%+	F.T.B.

DT#: <u>16</u>			
Between Panels: <u>P28xP29 KH WW 32</u>			
QA Monitor: <u>CP</u>		ELONGATION	FAILURE TYPE
Date: <u>02/11/2018</u>			
Time: <u>1:30</u>			
INSIDE PEEL	144	200%+	F.T.B.
	139	200%+	F.T.B.
	129	200%+	F.T.B.
	134	200%+	F.T.B.
	139	200%+	F.T.B.
OUTSIDE PEEL	134	200%+	F.T.B.
	133	200%+	F.T.B.
	141	200%+	F.T.B.
	145	200%+	F.T.B.
	150	200%+	F.T.B.
SHEAR PEEL	180	200%+	F.T.B.
	179	200%+	F.T.B.
	177	200%+	F.T.B.
	192	200%+	F.T.B.



DESTRUCTIVE TEST LOG

Project Name: Riverdale Cell 2

Sheet Type: 60 mls smooth

DT#: <u>17</u>			
Between Panels: <u>P30xP31 DT WW 27</u>			
QA Monitor: <u>CP</u>		ELONGATION	FAILURE TYPE
Date: <u>02/11/2018</u>			
Time: <u>1:49</u>			
INSIDE PEEL	129	200%+	F.T.B.
	133	200%+	F.T.B.
	149	200%+	F.T.B.
	145	200%+	F.T.B.
	143	200%+	F.T.B.
OUTSIDE PEEL	143	200%+	F.T.B.
	143	200%+	F.T.B.
	138	200%+	F.T.B.
	150	200%+	F.T.B.
SHEAR PEEL	147	200%+	F.T.B.
	200	200%+	F.T.B.
	189	200%+	F.T.B.
	190	200%+	F.T.B.
	198	200%+	F.T.B.
	200	200%+	F.T.B.

DT#: <u>18</u>			
Between Panels: <u>P31xP32 AS WW 9</u>			
QA Monitor: <u>CP</u>		ELONGATION	FAILURE TYPE
Date: <u>03/11/2018</u>			
Time: <u>7:00</u> PM			
INSIDE PEEL	145	200%+	F.T.B.
	144	200%+	F.T.B.
	153	200%+	F.T.B.
	156	200%+	F.T.B.
	160	200%+	F.T.B.
	156	200%+	F.T.B.
OUTSIDE PEEL	157	200%+	F.T.B.
	160	200%+	F.T.B.
	154	200%+	F.T.B.
	152	200%+	F.T.B.
	190	200%+	F.T.B.
SHEAR PEEL	187	200%+	F.T.B.
	198	200%+	F.T.B.
	198	200%+	F.T.B.
	198	200%+	F.T.B.
	200	200%+	F.T.B.

DT#: <u>19</u>			
Between Panels: <u>P33xP34 DM WW 42</u>			
QA Monitor: <u>CP</u>		ELONGATION	FAILURE TYPE
Date: <u>03/11/2018</u>			
Time: <u>7:33</u> pm			
INSIDE PEEL	140	200%+	F.T.B.
	137	200%+	F.T.B.
	144	200%+	F.T.B.
	140	200%+	F.T.B.
	155	200%+	F.T.B.
OUTSIDE PEEL	136	200%+	F.T.B.
	151	200%+	F.T.B.
	129	200%+	F.T.B.
	125	200%+	F.T.B.
	149	200%+	F.T.B.
SHEAR PEEL	180	200%+	F.T.B.
	177	200%+	F.T.B.
	169	200%+	F.T.B.
	191	200%+	F.T.B.
	192	200%+	F.T.B.

DT#: <u>20</u>			
Between Panels: <u>P34xP35 AS WW 9</u>			
QA Monitor: <u>CP</u>		ELONGATION	FAILURE TYPE
Date: <u>04/11/2018</u>			
Time: <u>6:30</u> AM			
INSIDE PEEL	128	200%+	F.T.B.
	122	200%+	F.T.B.
	130	200%+	F.T.B.
	129	200%+	F.T.B.
	146	200%+	F.T.B.
OUTSIDE PEEL	150	200%+	F.T.B.
	147	200%+	F.T.B.
	137	200%+	F.T.B.
	144	200%+	F.T.B.
	141	200%+	F.T.B.
SHEAR PEEL	177	200%+	F.T.B.
	182	200%+	F.T.B.
	182	200%+	F.T.B.
	198	200%+	F.T.B.
	199	200%+	F.T.B.



DESTRUCTIVE TEST LOG

Project Name: Riverdale Cell 2

Sheet Type: 60 mls smooth

DT#: <u>21</u>			
Between Panels: <u>P37xP38 DM WW 42</u>			
QA Monitor: <u>CP</u>		ELONGATION	FAILURE TYPE
Date: <u>04/11/2018</u>			
Time: <u>6:52</u> AM			
INSIDE PEEL	150	200%+	F.T.B.
	155	200%+	F.T.B.
	147	200%+	F.T.B.
	144	200%+	F.T.B.
	141	200%+	F.T.B.
OUTSIDE PEEL	139	200%+	F.T.B.
	133	200%+	F.T.B.
	142	200%+	F.T.B.
	136	200%+	F.T.B.
SHEAR PEEL	134	200%+	F.T.B.
	178	200%+	F.T.B.
	185	200%+	F.T.B.
	179	200%+	F.T.B.
	190	200%+	F.T.B.
	187	200%+	F.T.B.

DT#: <u>22</u>			
Between Panels: <u>P38xP39 AS WW 9</u>			
QA Monitor: <u>CP</u>		ELONGATION	FAILURE TYPE
Date: <u>04/11/2018</u>			
Time: <u>7:14</u> AM			
INSIDE PEEL	140	200%+	F.T.B.
	127	200%+	F.T.B.
	152	200%+	F.T.B.
	153	200%+	F.T.B.
	129	200%+	F.T.B.
	141	200%+	F.T.B.
OUTSIDE PEEL	130	200%+	F.T.B.
	145	200%+	F.T.B.
	150	200%+	F.T.B.
	144	200%+	F.T.B.
	190	200%+	F.T.B.
SHEAR PEEL	176	200%+	F.T.B.
	169	200%+	F.T.B.
	188	200%+	F.T.B.
	188	200%+	F.T.B.

DT#: <u>23</u>			
Between Panels: <u>P42xP45 AS WW 9</u>			
QA Monitor: <u>CP</u>		ELONGATION	FAILURE TYPE
Date: <u>04/11/2018</u>			
Time: <u>7:30</u> AM			
INSIDE PEEL	143	200%+	F.T.B.
	139	200%+	F.T.B.
	151	200%+	F.T.B.
	151	200%+	F.T.B.
	147	200%+	F.T.B.
OUTSIDE PEEL	152	200%+	F.T.B.
	139	200%+	F.T.B.
	135	200%+	F.T.B.
	144	200%+	F.T.B.
	146	200%+	F.T.B.
SHEAR PEEL	166	200%+	F.T.B.
	175	200%+	F.T.B.
	189	200%+	F.T.B.
	180	200%+	F.T.B.
	179	200%+	F.T.B.

DT#: <u>24</u>			
Between Panels: <u>P48xP51 AS WW 9</u>			
QA Monitor: <u>CP</u>		ELONGATION	FAILURE TYPE
Date: <u>04/11/2018</u>			
Time: <u>7:48</u> AM			
INSIDE PEEL	149	200%+	F.T.B.
	141	200%+	F.T.B.
	133	200%+	F.T.B.
	137	200%+	F.T.B.
	129	200%+	F.T.B.
OUTSIDE PEEL	140	200%+	F.T.B.
	127	200%+	F.T.B.
	138	200%+	F.T.B.
	150	200%+	F.T.B.
	144	200%+	F.T.B.
SHEAR PEEL	178	200%+	F.T.B.
	170	200%+	F.T.B.
	180	200%+	F.T.B.
	184	200%+	F.T.B.
	191	200%+	F.T.B.



DESTRUCTIVE TEST LOG

Project Name: Riverdale Cell 2

Sheet Type: 60 mls smooth

DT#: <u>25</u>			
Between Panels: <u>P59xP56 AS WW 9</u>			
QA Monitor: <u>CP</u>		ELONGATION	FAILURE TYPE
Date: <u>05/11/2018</u>			
Time: <u>7:32</u>			
INSIDE PEEL	146	200%+	F.T.B.
	150	200%+	F.T.B.
	155	200%+	F.T.B.
	153	200%+	F.T.B.
	160	200%+	F.T.B.
OUTSIDE PEEL	164	200%+	F.T.B.
	139	200%+	F.T.B.
	147	200%+	F.T.B.
	147	200%+	F.T.B.
SHEAR PEEL	150	200%+	F.T.B.
	180	200%+	F.T.B.
	177	200%+	F.T.B.
	188	200%+	F.T.B.
	190	200%+	F.T.B.
	176	200%+	F.T.B.

DT#: <u>26</u>			
Between Panels: <u>P66xP69 AS WW 9</u>			
QA Monitor: <u>CP</u>		ELONGATION	FAILURE TYPE
Date: <u>05/11/2018</u>			
Time: <u>7:53</u>			
INSIDE PEEL	146	200%+	F.T.B.
	154	200%+	F.T.B.
	154	200%+	F.T.B.
	137	200%+	F.T.B.
	129	200%+	F.T.B.
	133	200%+	F.T.B.
OUTSIDE PEEL	140	200%+	F.T.B.
	141	200%+	F.T.B.
	150	200%+	F.T.B.
	143	200%+	F.T.B.
SHEAR PEEL	178	200%+	F.T.B.
	180	200%+	F.T.B.
	183	200%+	F.T.B.
	183	200%+	F.T.B.
	179	200%+	F.T.B.

DT#: <u>27</u>			
Between Panels: <u>P78xP79 DM WW 42</u>			
QA Monitor: <u>CP</u>		ELONGATION	FAILURE TYPE
Date: <u>05/11/2018</u>			
Time: <u>8:14</u>			
INSIDE PEEL	139	200%+	F.T.B.
	133	200%+	F.T.B.
	151	200%+	F.T.B.
	147	200%+	F.T.B.
	129	200%+	F.T.B.
OUTSIDE PEEL	128	200%+	F.T.B.
	135	200%+	F.T.B.
	139	200%+	F.T.B.
	141	200%+	F.T.B.
SHEAR PEEL	134	200%+	F.T.B.
	180	200%+	F.T.B.
	175	200%+	F.T.B.
	175	200%+	F.T.B.
	178	200%+	F.T.B.
	184	200%+	F.T.B.

DT#: <u>28</u>			
Between Panels: <u>P89xP90 DM WW 42</u>			
QA Monitor: <u>CP</u>		ELONGATION	FAILURE TYPE
Date: <u>05/11/2018</u>			
Time: <u>8:37</u>			
INSIDE PEEL	130	200%+	F.T.B.
	129	200%+	F.T.B.
	139	200%+	F.T.B.
	127	200%+	F.T.B.
	142	200%+	F.T.B.
OUTSIDE PEEL	129	200%+	F.T.B.
	144	200%+	F.T.B.
	135	200%+	F.T.B.
	146	200%+	F.T.B.
SHEAR PEEL	150	200%+	F.T.B.
	176	200%+	F.T.B.
	180	200%+	F.T.B.
	183	200%+	F.T.B.
	190	200%+	F.T.B.
	188	200%+	F.T.B.



DESTRUCTIVE TEST LOG

Project Name: Riverdale Cell 2

Sheet Type: 60 mls smooth

DT#: <u>29</u>			
Between Panels: <u>P99xP1 DT WW 27</u>			
	QA Monitor: <u>CP</u>	ELONGATION	FAILURE TYPE
	Date: <u>05/11/2018</u>		
	Time: <u>8:44</u>		
INSIDE PEEL	151	200%+	F.T.B.
	160	200%+	F.T.B.
	149	200%+	F.T.B.
	132	200%+	F.T.B.
	138	200%+	F.T.B.
OUTSIDE PEEL	129	200%+	F.T.B.
	144	200%+	F.T.B.
	144	200%+	F.T.B.
	132	200%+	F.T.B.
	129	200%+	F.T.B.
SHEAR PEEL	169	200%+	F.T.B.
	170	200%+	F.T.B.
	174	200%+	F.T.B.
	187	200%+	F.T.B.
	177	200%+	F.T.B.

DT#: <u>30</u>			
Between Panels: <u>P118xP1 AS WW 9</u>			
	QA Monitor: <u>CP</u>	ELONGATION	FAILURE TYPE
	Date: <u>05/11/2018</u>		
	Time: <u>9:00</u>		
INSIDE PEEL	153	200%+	F.T.B.
	160	200%+	F.T.B.
	147	200%+	F.T.B.
	139	200%+	F.T.B.
	134	200%+	F.T.B.
	129	200%+	F.T.B.
OUTSIDE PEEL	125	200%+	F.T.B.
	131	200%+	F.T.B.
	127	200%+	F.T.B.
	141	200%+	F.T.B.
	160	200%+	F.T.B.
SHEAR PEEL	166	200%+	F.T.B.
	176	200%+	F.T.B.
	180	200%+	F.T.B.
	183	200%+	F.T.B.