

Austin, TX - USA | Anaheim, CA - USA | Anderson, SC - USA | Gold Coast - Australia | Suzhou - China

MANUFACTURING QA IN-PLANT SAMPLING/INSPECTION REPORT

	Maries	Espetia
LEVEL (2)	QA by:	/

GAI-LAF

Project Name: Cripple Creek & Victor Mine VLF2 Ph 3A

TYPE OF MQA: LEVEL (2)

Material: 100mil LLDPE Double Sided Microspike

SAMPLING FREQUENCY: 1/150,000 sq.ft.

Manufacturer: <u>AGRU</u> Location: NV

Width Area Sampled Length Date Date Date Reference Job No/ Roll # Lot # No. (ft²) Manufactured Sampled Received Control No (ft.) (ft.) by TRI-CA 1 FND0091860004 DNM810400 335 23 7705 3/16/2022 3/18/2022 3/22/2022 CA220244 C#162128 2 FND0091860005 DNM810400 23 7705 3/16/2022 335 3 FND0091860006 DNM810400 23 3/16/2022 335 7705 4 FND0091860007 DNM810400 335 23 7705 3/16/2022 5 FND0091860008 DNM810400 335 23 7705 3/16/2022 6 FND0091860009 DNM810400 335 23 7705 3/16/2022 7 FND0091860010 DNM810400 335 23 7705 3/16/2022 8 FND0091860011 DNM810400 335 23 7705 3/16/2022 9 23 7705 FND0091860012 DNM810400 335 3/16/2022 10 FND0091860013 DNM810400 335 23 7705 3/16/2022 FND0091860014 DNM810400 335 23 7705 3/16/2022 11 12 FND0091860015 DNM810400 335 23 7705 3/17/2022 13 FND0091860016 DNM810400 335 23 7705 3/17/2022 FND0091860017 DNM810400 23 7705 3/17/2022 14 335 15 FND0091860018 DNM810400 335 23 7705 3/17/2022 16 FND0091860019 DNM810400 335 23 7705 3/17/2022 DNM810400 17 FND0091860020 335 23 7705 3/17/2022 FND0091860021 DNM810400 335 23 7705 3/17/2022 18 19 FND0091860022 DNM810400 335 23 7705 3/17/2022 FND0091860023 DNM810400 335 23 7705 3/17/2022 TRI-CA 3/18/2022 3/22/2022 CA220244 C#162129 20 23 7705 21 FND0091860024 DNM810400 335 3/17/2022 22 FND0091860025 DNM810400 335 23 7705 3/17/2022 FND0091860026 DNM810400 23 7705 3/17/2022 23 335 DNM810400 24 FND0091860027 335 23 7705 3/17/2022 25 FND0091860028 DNM810400 335 23 7705 3/17/2022 26 FND0091860029 DNM810400 335 23 7705 3/17/2022 27 FND0091860030 DNM810400 335 23 7705 3/18/2022 28 FND0091860031 DNM810400 335 23 7705 3/18/2022



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FND0091860054

FND0091860055

FND0091860056

FND0091860057

FND0091860058

FND0091860059

DNM810400

DNM810400

DNM810400

DNM810400

DNM810400

DNM810400

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MANUFACTURING QA IN-PLANT SAMPLING/INSPECTION REPORT

Pro	ject Name: Cripple Creek & Victor	Mine VLF2 Ph 3A		TYP	E OF MQA:	LEVEL (2)		QA by:	Maries Eq	zitia
	Material: 100mil LLDPE Double		S			1/150,000 sq.ft	t.			
Ма	nufacturer: AGRU	•								
	Location: NV		•							
No.	Roll #	Lot #	Length (ft.)	Width (ft.)	Area (ft ²)	Date Manufactured	Sampled by	Date Sampled	Date Received	Reference Job No/ Control No
29	FND0091860032	DNM810400	335	23	7705	3/18/2022				
30	FND0091860033	DNM810400	335	23	7705	3/18/2022				
31	FND0091860034	DNM810400	335	23	7705	3/18/2022				
32	FND0091860035	DNM810400	335	23	7705	3/18/2022				
33	FND0091860036	DNM810400	335	23	7705	3/18/2022				
34	FND0091860037	DNM810400	335	23	7705	3/18/2022				
35	FND0091860038	DNM810400	335	23	7705	3/18/2022				
36	FND0091860039	DNM810400	335	23	7705	3/18/2022				
37	FND0091860040	DNM810400	335	23	7705	3/18/2022				
38	FND0091860041	DNM810400	335	23	7705	3/18/2022				
39	FND0091860042	DNM810400	335	23	7705	3/18/2022	TRI-CA	3/21/2022	3/23/2022	CA22247 C#162133
40	FND0091860043	DNM810400	335	23	7705	3/18/2022				
41	FND0091860044	DNM810400	335	23	7705	3/18/2022				
42	FND0091860045	DNM810400	335	23	7705	3/18/2022				
43	FND0091860046	DNM810400	335	23	7705	3/19/2022				
44	FND0091860047	DNM810400	335	23	7705	3/19/2022				
45	FND0091860048	DNM810400	335	23	7705	3/19/2022				
46	FND0091860049	DNM810400	335	23	7705	3/19/2022				
47	FND0091860050	DNM810400	335	23	7705	3/19/2022				
48	FND0091860051	DNM810400	335	23	7705	3/19/2022				
49	FND0091860052	DNM810400	335	23	7705	3/19/2022				
50	FND0091860053	DNM810400	335	23	7705	3/19/2022				

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MANUFACTURING QA IN-PLANT SAMPLING/INSPECTION REPORT

Project Name:	Cripple Creek & Victor Mine VLF2 Ph 3A	TYPE OF MQA:	LEVEL (2)	Mariea Expitia QA by:
-	100mil LLDPE Double Sided Microspike	SAMPLING FREQUENCY:	1/150,000 sq.ft.	
Manufacturer:	AGRU			
Location:	NV			

Manufacturer: AGRU Location: NV

	Location: NV									
No.	Roll #	Lot #	Length (ft.)	Width (ft.)	Area (ft ²)	Date Manufactured	Sampled by	Date Sampled	Date Received	Reference Job No/ Control No
57	FND0091860060	DNM810400	335	23	7705	3/19/2022				
58	FND0091860061	DNM810400	335	23	7705	3/20/2022	TRI-CA	3/21/2022	3/23/2022	CA22247 C#162134
59	FND0091860062	DNM810400	335	23	7705	3/20/2022				
60	FND0091860063	DNM810400	335	23	7705	3/20/2022				
61	FND0091860064	DNM810400	335	23	7705	3/20/2022				
62	FND0091860065	DNM810400	335	23	7705	3/20/2022				
63	FND0091860066	DNM810400	335	23	7705	3/20/2022				
64	FND0091860067	DNM810400	335	23	7705	3/20/2022				
65	FND0091860068	DNM810400	335	23	7705	3/20/2022				
66	FND0091860069	DNM810400	335	23	7705	3/20/2022				
67	FND0091860070	DNM810400	335	23	7705	3/20/2022				
68	FND0091860071	DNM810400	335	23	7705	3/20/2022				
69	FND0091860072	DNM810400	335	23	7705	3/20/2022				
70	FND0091860073	DNM810400	335	23	7705	3/20/2022				
71	FND0091860074	DNM810400	335	23	7705	3/20/2022				
72	FND0091860075	DNM810400	335	23	7705	3/20/2022				
73	FND0091860076	DNM810400	335	23	7705	3/21/2022				
74	FND0091860077	DNM810400	335	23	7705	3/21/2022				
75	FND0091860078	DNM810400	335	23	7705	3/21/2022				
				Sub Total ft ² =	577875					
76	FND0091860079	DPB810030	335	23	7705	3/21/2022				
77	FND0091860080	DPB810030	335	23	7705	3/21/2022	TRI-CA	3/21/2022	3/23/2022	CA22247 C#162135
78	FND0091860081	DPB810030	335	23	7705	3/21/2022				
79	FND0091860082	DPB810030	335	23	7705	3/21/2022				
80	FND0091860083	DPB810030	335	23	7705	3/22/2022				
81	FND0091860085	DPB810030	335	23	7705	3/22/2022				
82	FND0091860086	DPB810030	335	23	7705	3/22/2022				
83	FND0091860087	DPB810030	335	23	7705	3/22/2022				



No.

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MANUFACTURING QA IN-PLANT SAMPLING/INSPECTION REPORT

							-	-	Maries Ey	zetia
Pro	ject Name: Cripple Creek & Victor	Mine VLF2 Ph 3A		TYP	E OF MQA:	LEVEL (2)		QA by:	· /	•
	Material: 100mil LLDPE Double	Sided Microspike	s	AMPLING FR	EQUENCY:	1/150,000 sq.ft	t.			
Ma	nufacturer: AGRU									
	Location: NV									
No.	Roll #	Lot #	Length (ft.)	Width (ft.)	Area (ft²)	Date Manufactured	Sampled by	Date Sampled	Date Received	Reference Job No/ Control No
84	FND0091860088	DPB810030	335	23	7705	3/23/2022				
85	FND0091860089	DPB810030	335	23	7705	3/23/2022				
86	FND0091860090	DPB810030	335	23	7705	3/23/2022				
87	FND0091860091	DPB810030	335	23	7705	3/23/2022				
88	FND0091860092	DPB810030	335	23	7705	3/23/2022				
89	FND0091860093	DPB810030	335	23	7705	3/23/2022				
90	FND0091860094	DPB810030	335	23	7705	3/23/2022				
91	FND0091860095	DPB810030	335	23	7705	3/23/2022				
92	FND0091860096	DPB810030	335	23	7705	3/23/2022				
93	FND0091860097	DPB810030	335	23	7705	3/23/2022				

93	FND0091860097	DPB810030	335	23	7705	3/23/2022				
94	FND0091860098	DPB810030	335	23	7705	3/23/2022				
95	FND0091860099	DPB810030	335	23	7705	3/23/2022				
96	FND0091860100	DPB810030	335	23	7705	3/23/2022	TRI-CA	3/25/2022	3/29/2022	CA220269 C#162285
97	FND0091860101	DPB810030	335	23	7705	3/23/2022				
98	FND0091860102	DPB810030	335	23	7705	3/23/2022				
99	FND0091860103	DPB810030	335	23	7705	3/24/2022				
100	FND0091860104	DPB810030	335	23	7705	3/24/2022				
101	FND0091860105	DPB810030	335	23	7705	3/24/2022				
102	FND0091860106	DPB810030	335	23	7705	3/24/2022				
103	FND0091860107	DPB810030	335	23	7705	3/24/2022				
104	FND0091860108	DPB810030	335	23	7705	3/24/2022				
105	FND0091860109	DPB810030	335	23	7705	3/24/2022				
106	FND0091860110	DPB810030	335	23	7705	3/24/2022				
107	FND0091860111	DPB810030	335	23	7705	3/24/2022				
108	FND0091860113	DPB810030	335	23	7705	3/24/2022				
109	FND0091860114	DPB810030	335	23	7705	3/24/2022				
110	FND0091860115	DPB810030	335	23	7705	3/24/2022				
111	FND0091860116	DPB810030	335	23	7705	3/24/2022				
		1070 0 0 0 0	0.01							
		1970 S. Santa	a Cruz Stre	et, Anaheim	, CA 92805	5, www.precisi	onlabs.net			

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Marin Espit:

MANUFACTURING QA IN-PLANT SAMPLING/INSPECTION REPORT

									1	
Pro	ject Name: Cripple Creek & Victo	r Mine VLF2 Ph 3A		TYP	E OF MQA:	LEVEL (2)		QA by:		•
	Material: 100mil LLDPE Double	e Sided Microspike	s	AMPLING FR	EQUENCY:	1/150,000 sq.ft				
Ма	nufacturer: AGRU									
	Location: NV		-							
No.	Roll #	Lot #	Length (ft.)	Width (ft.)	Area (ft ²)	Date Manufactured	Sampled by	Date Sampled	Date Received	Reference Job No/ Control No
112	FND0091860117	DPB810030	335	23	7705	3/25/2022				
113	FND0091860118	DPB810030	335	23	7705	3/25/2022				
114	FND0091860119	DPB810030	335	23	7705	3/25/2022				
115	FND0091860120	DPB810030	335	23	7705	3/25/2022	TRI-CA	3/25/2022	3/29/2022	CA220269 C#162286
116	FND0091860121	DPB810030	335	23	7705	3/25/2022				
117	FND0091860122	DPB810030	335	23	7705	3/25/2022				
118	FND0091860123	DPB810030	335	23	7705	3/25/2022				
119	FND0091860124	DPB810030	335	23	7705	3/25/2022				

117 118 119 120 DPB810030 7705 3/25/2022 FND0091860125 335 23 121 FND0091860126 DPB810030 335 23 7705 3/25/2022 122 FND0091860127 DPB810030 335 23 7705 3/25/2022 123 FND0091860128 DPB810030 335 23 7705 3/25/2022 124 FND0091860129 DPB810030 335 23 7705 3/25/2022 125 DPB810030 23 7705 3/25/2022 FND0091860130 335 126 FND0091860131 DPB810030 335 23 7705 3/25/2022 127 FND0091860132 DPB810030 335 23 7705 3/25/2022 128 FND0091860133 DPB810030 335 23 7705 3/26/2022 129 FND0091860134 DPB810030 335 23 7705 3/26/2022 130 FND0091860135 DPB810030 335 23 7705 3/26/2022 131 FND0091860136 DPB810030 335 23 7705 3/26/2022 132 FND0091860137 DPB810030 335 23 7705 3/26/2022 133 FND0091860138 DPB810030 335 23 7705 3/26/2022 Sub Total ft² = 446890 TOTAL ft² = 1,024,765





March 30, 2022

Nikoliya Boyanich *NewFields* 9400 Station Street, Suite 300 Lone Tree, CO 80124

Re: FINAL LABORATORY TEST REPORT

Dear Ms. Boyanich:

Thank you for consulting TRI California for your material testing needs.

Enclosed is the *final* laboratory report for the Conformance testing of two (2) 100mil LLDPE Double Sided Microspike samples.

PROJECT NAME: Cripple Creek & Victor Mine VLF2 Ph 3A

REFERENCE TRI JOB NO.: CA220244

DATE RECEIVED: March 22, 2022

SAMPLED BY: TRI-CA, AGRU NV

SAMPLE IDENTIFICATIONS:

SAMPLE ID R#FND0091860004 L#DNM810400 R#FND0091860023 L#DNM810400

TESTS REQUIRED / PERFORMED:

TEST METHOD	DESCRIPTION
1. ASTM D5994	Thickness
2. ASTM D6693	Tensile Properties
3. ASTM D792	Specific Gravity
4. ASTM D4218	Carbon Content Muffle

TEST RESULTS: The test results are summarized in the attached Tables 1 to 2.

Note: The general conditioning and testing of the material samples identified in this report were performed within the range of the laboratory environmental conditions; i.e., 20-24°C and 45-65% RH. Otherwise, the actual environmental conditions are indicated in the respective test method reported.

Respectfully,

TRI Environmental, Inc. - California

Maria Espetia

Maria Espitia Quality Assurance

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Chad Blackwell TRI-CA Director

Signatures are on file

It shall be noted that the samples tested are believed to be true representatives of the material produced under the designation herein stated. In addition, the attached laboratory tests results are considered indicative only of the quality of samples/specimens that were actually tested. The appropriate test methods hereby employed are based on the current and accepted industry practices. TRI neither accepts responsibility for nor makes claims to the intended final use and purpose of the material. The test data and all associated project information shall be held confidential and not to be reproduced and/or disclosed to other parties except in full and with prior written approval from pertinent entity duly authorized by the respective client or from the client itself. It is our policy to keep physical records of each job for two (2) years commencing from the date of receipt of the samples and keep its corresponding electronic file for seven (7) years. *Retained conformance samples are disposed of after one (1) month*. On the other hand, should you need us to keep them at a longer period, please advise us in writing.

3 Pages Total (including this sheet)



DATE REPORTED: March 30, 2022

TRI CONTROL NUMBER

162128

t	ENVIRONME	NIAL			MATER	TABLE 1 RIAL PROP NewFields	ERTIES								
					PROJECT:	Cripple C	reek & Vict	or Mine VI	F2 Phase 3	BA			,		
	Date Received:											QC'd By:	Mariea	Expitie	٦
	Date Reported:											RI Job No.:			
	Client Sample ID:										TRI C	ontrol No.:	162128	8	
Ma	terial Description:	100mii LLL		Sided Mi		SPECIMEN	e							r	Proj.
	1	2	3	4	5		<u> </u>	8	9	10	Avg.	Std. Dev.	Min	Max	Specs.
METHOD	DESCRIPTIC		•	•	•	•		•	•		<u>g</u> .				
ASTM D5994	Thickness (mile														
ASTIN D3994	· · ·	5)													
	Anneveture D	a a da indat dia					00 . / 00 4- 4								
		ead-weight dial				-			vith the tip						
	rounded to a	radius of 0.8+/-	0.1 mm(0.031	+/-0.004 in),		-			vith the tip						
	rounded to a Loading Time	radius of 0.8+/- e: 5 sec Spec	0.1 mm(0.031 imen Size: 4" >	+/-0.004 in), < 4"	with a specifie	ed force of 0.5	6+/-0.05 N (2+	/-0.2 oz)							85 min.
	rounded to a Loading Time	radius of 0.8+/- e: 5 sec Spec. 100	0.1 mm(0.031 imen Size: 4") 101	+/-0.004 in),		-			vith the tip 102	103	101	1	100	103	
	rounded to a Loading Time 100 Specific Gravity	radius of 0.8+/- 2: 5 sec Spect 100 (23/ 23°C)	0.1 mm(0.031 imen Size: 4") 101	+/-0.004 in), < 4"	with a specifie	ed force of 0.5	6+/-0.05 N (2+	/-0.2 oz)		103		_			95 min. ave
Method A	rounded to a Loading Time 100 Specific Gravity 0.9323	radius of 0.8+/- 2: 5 sec Spec. 100 (23/ 23°C) 0.9322	0.1 mm(0.031 imen Size: 4") 101	+/-0.004 in), < 4"	with a specifie	ed force of 0.5	6+/-0.05 N (2+	/-0.2 oz)		103	101 0.9323	1 0.0000	100 0.9322	103 0.9323	85 min. 95 min. ave 0.939 max.
Method A ASTM D6693	rounded to a Loading Time 100 Specific Gravity 0.9323 Tensile Propertie	radius of 0.8+/- 2: 5 sec Spec. 100 (23/ 23°C) 0.9322 es:	0.1 mm(0.031 imen Size: 4" ; 101	+/-0.004 in), < 4" 101	with a specific	ed force of 0.50	6+/-0.05 N (2+ 102	/-0.2 oz) 102		103		-			95 min. ave
Method A ASTM D6693	rounded to a Loading Time 100 Specific Gravity 0.9323 Tensile Propertie Test Specime	radius of 0.8+/- 2: 5 sec Spec. 100 (23/ 23°C) 0.9322 <u>es:</u> ens: Type IV, W	0.1 mm(0.031 imen Size: 4" x 101 /idth of narrow	+/-0.004 in), < 4" 101 < section:0.25	with a specifie 101 5in, Length of r	ed force of 0.50	6+/-0.05 N (2+ 102	/-0.2 oz) 102		103		-			95 min. ave
Method A ASTM D6693	rounded to a l Loading Time 100 Specific Gravity 0.9323 <u>Tensile Propertie</u> <i>Test Specime</i> <i>Length Overa</i>	radius of 0.8+/- 2: 5 sec Spec. 100 (23/ 23°C) 0.9322 <u>es:</u> ens: Type IV, W all: 4.5in	0.1 mm(0.031 imen Size: 4") 101 /idth of narrow Rate of Sepa	+/-0.004 in), < 4" 101 section:0.25 aration: 2"/mi	with a specifie 101 5in, Length of r	ed force of 0.50	6+/-0.05 N (2+ 102	/-0.2 oz) 102		103		-			95 min. ave
Method A ASTM D6693	rounded to a i Loading Time 100 Specific Gravity 0.9323 <u>Tensile Propertie</u> <i>Length Overa</i> Tensile Strength	radius of 0.8+/- 2: 5 sec Spec. 100 (23/ 23°C) 0.9322 25: 25: 25: 25: 25: 25: 25: 2	0.1 mm(0.031 imen Size: 4") 101 /idth of narrow Rate of Sepa (Ibs/ in wic	+/-0.004 in), < 4" 101 section:0.25 aration: 2"/mi ith)	with a specifie 101 5in, Length of r	ed force of 0.50	6+/-0.05 N (2+ 102	/-0.2 oz) 102		103	0.9323	0.0000	0.9322	0.9323	95 min. ave
Method A ASTM D6693	rounded to a i Loading Time 100 Specific Gravity 0.9323 <u>Tensile Propertie</u> <i>Test Specime</i> <i>Length Overa</i> Tensile Strength <i>MD</i> 341	radius of 0.8+/- 2: 5 sec Spec 100 (23/ 23°C) 0.9322 25: 25: 25: 25: 25: 25: 25: 2	0.1 mm(0.031 imen Size: 4" 3 101 /idth of narrow Rate of Sepa (Ibs/ in wic 330	+/-0.004 in), < 4" 101 section:0.25 aration: 2"/mi 1th) 312	with a specifie 101 Sin, Length of r n 328	ed force of 0.50	6+/-0.05 N (2+ 102	/-0.2 oz) 102		103	0.9323	0.0000	0.9322	0.9323	95 min. ave
Method A ASTM D6693	rounded to a i Loading Time 100 Specific Gravity 0.9323 <u>Tensile Propertie</u> <i>Length Overa</i> Tensile Strength <i>MD</i> 341 <i>TD</i> 335	radius of 0.8+/- 2: 5 sec Spec 100 (23/ 23°C) 0.9322 25: 25: 25: 25: 25: 25: 25: 2	0.1 mm(0.031 imen Size: 4" 3 101 /idth of narrow Rate of Sepa (Ibs/ in wic 330 345	+/-0.004 in), < 4" 101 section:0.25 aration: 2"/mi ith)	with a specifie 101 Sin, Length of r n 328 353	ed force of 0.50	6+/-0.05 N (2+ 102 1:1.3in, Width (/-0.2 oz) 102		103	0.9323	0.0000	0.9322	0.9323	95 min. avo
Method A ASTM D6693	rounded to a i Loading Time 100 Specific Gravity 0.9323 <u>Tensile Propertie</u> <i>Length Overa</i> Tensile Strength <i>MD</i> 341 <i>TD</i> 335 Elongation at Br	radius of 0.8+/- 2: 5 sec Spect 100 (23/ 23°C) 0.9322 25: 25: 25: 25: 25: 25: 25: 2	0.1 mm(0.031 imen Size: 4" 3 101 /idth of narrow Rate of Sepa (Ibs/ in wic 330 345	+/-0.004 in), 4" 101 r section:0.25 aration: 2"/mi 1th) 312 350	with a specifie 101 Sin, Length of r n 328 353	ed force of 0.50	6+/-0.05 N (2+ 102 1:1.3in, Width (/-0.2 oz) 102		103	0.9323	0.0000 12 7	0.9322 312 335	0.9323 342 353	95 min. ave 0.939 max 150 min.
Method A ASTM D6693	rounded to a i Loading Time 100 Specific Gravity 0.9323 <u>Tensile Propertie</u> <i>Length Overa</i> Tensile Strength <i>MD</i> 341 <i>TD</i> 335	radius of 0.8+/- 2: 5 sec Spec 100 (23/ 23°C) 0.9322 25: 25: 25: 25: 25: 25: 25: 2	0.1 mm(0.031 imen Size: 4" ; 101 /idth of narrow Rate of Sepa (Ibs/ in wic 330 345 ent, %)	+/-0.004 in), < 4" 101 section:0.25 aration: 2"/mi 1th) 312	with a specifie 101 Sin, Length of r n 328 353 Gauge Le	ed force of 0.50	6+/-0.05 N (2+ 102 1:1.3in, Width (/-0.2 oz) 102		103	0.9323 331 346	0.0000	0.9322	0.9323 342 353 578	95 min. avo 0.939 max
Method A ASTM D6693 Type IV	rounded to a i Loading Time 100 Specific Gravity 0.9323 <u>Tensile Propertie</u> <i>Length Overa</i> Tensile Strength <i>MD</i> 341 <i>TD</i> 335 Elongation at Br <i>MD</i> 564 <i>TD</i> 615	radius of 0.8+/- :: 5 sec Spec 100 (23/ 23°C) 0.9322 25: ens: Type IV, W all: 4.5in n at Break 342 346 reak (perce 578 622	0.1 mm(0.031 imen Size: 4" ; 101 /idth of narrow Rate of Sepa (Ibs/ in wic 330 345 ent, %) 574	+/-0.004 in), 4" 101 section:0.25 aration: 2"/mi ith) 312 350 537	with a specifie 101 Sin, Length of r n 328 353 Gauge Le 554	ed force of 0.50	6+/-0.05 N (2+ 102 1:1.3in, Width (/-0.2 oz) 102		103	0.9323 331 346 561	0.0000 12 7 16	0.9322 312 335 537	0.9323 342 353	95 min. av 0.939 max 150 min.
ASTM D792 Method A ASTM D6693 Type IV ASTM D4218	rounded to a i Loading Time 100 Specific Gravity 0.9323 <u>Tensile Propertie</u> <i>Length Overa</i> Tensile Strength <i>MD</i> 341 <i>TD</i> 335 Elongation at Br <i>MD</i> 564 <i>TD</i> 615 Carbon Content	radius of 0.8+/- :: 5 sec Spec 100 (23/ 23°C) 0.9322 25: ens: Type IV, W all: 4.5in n at Break 342 346 reak (perce 578 622	0.1 mm(0.031 imen Size: 4" ; 101 /idth of narrow Rate of Sepa (Ibs/ in wic 330 345 ent, %) 574	+/-0.004 in), 4" 101 section:0.25 aration: 2"/mi ith) 312 350 537	with a specifie 101 Sin, Length of r n 328 353 Gauge Le 554	ed force of 0.50	6+/-0.05 N (2+ 102 1:1.3in, Width (/-0.2 oz) 102		103	0.9323 331 346 561	0.0000 12 7 16	0.9322 312 335 537	0.9323 342 353 578	95 min. av 0.939 max 150 min.

(End of Table 1)

(Sheet 1 of 1)

By accepting the data and results presented on this report, the Client agrees to limit the liability of TRI Environmental, Inc. from Client and all other parties for claims on issues, due to the use of this data, to the cost for the respective tests presented in this report; and the Client agrees to indemnify and hold harmless TRI Environmental, Inc. from and against all liabilities in excess of the aforementioned limit.

GAI-LA





GAI-LA

MATERIAL PROPERTIES

CLIENT: NewFields

PROJECT: Cripple Creek & Victor Mine VLF2 Phase 3A

	erial Description:	100mil LLD	PE Double	Sided M	•	PECIMEN	5							- 1	Proj.
	1	2	3	4	5	6	7	8	9	10	Avg.	Std. Dev.	Min	Max	Specs.
METHOD	DESCRIPTI	ON													
ASTM D5994	Thickness (m	ls)													
	Apparatus: I	Dead-weight dial	micrometer w	ith gauge po	ints tapered at a	an angle of 60	° +/- 2° to th	e horizontal wi	th the tip						
		radius of 0.8+/-			with a specified	force of 0.56	+/-0.05 N (2+)	(-0.2 oz)							
		e: 5 sec Speci			400	400	400	101	405	400	1 400				85 min.
ASTM D792	101 Specific Crovit	101	101	102	102	100	103	104	105	100	102	2	100	105	95 min. ave
Method A	Specific Gravit 0.9386	0.9386									0.9386	0.0000	0.9386	0.9386	0.939 max.
ASTM D6693	Tensile Propert										0.3500	0.0000	0.9300	0.9300	0.555 11184.
Type IV		ens: Type IV, W	idth of narrow	section:0.25	5in. Lenath of na	arrow section:	1.3in. Width C	verall:0.75in.							
51	Length Over		Rate of Sep		, 0		- ,	,							
	Tensile Streng	h at Break (lbs/ in wid	lth)											
	MD 306	305	318	319	310						311	6	305	319	150 min.
	TD 352	350	328	373	348						350	16	328	373	
		roak (norco	nt. %)		Gauge Ler	ngth = 2.0 i	n.								
	Elongation at E														
	Elongation at E MD 531 TD 620	551 639	559 589	564 664	555 636						552 630	13 28	531 589	564 664	250 min.

(End of Table 2)

(Sheet 1 of 1)

By accepting the data and results presented on this report, the Client agrees to limit the liability of TRI Environmental, Inc. from Client and all other parties for claims on issues, due to the use of this data, to the cost for the respective tests presented in this report; and the Client agrees to indemnify and hold harmless TRI Environmental, Inc. from and against all liabilities in excess of the aforementioned limit.



March 30, 2022

Nikoliya Boyanich *NewFields* 9400 Station Street, Suite 300 Lone Tree, CO 80124

Re: FINAL LABORATORY TEST REPORT

Dear Ms. Boyanich:

Thank you for consulting TRI California for your material testing needs.

Enclosed is the *final* laboratory report for the Conformance testing of three (3) 100mil LLDPE Double Sided Microspike samples.

PROJECT NAME: Cripple Creek & Victor Mine VLF2 Ph 3A	DATE REPORTED: March 30, 2022
REFERENCE TRI JOB NO.: CA220247	
DATE RECEIVED: March 23, 2022	
SAMPLED BY: TRI-CA, AGRU NV	
SAMPLE IDENTIFICATIONS:	
SAMPLE ID	TRI CONTROL NUMBER
R#FND0091860042 L#DNM810400	162133
R#FND0091860061 L#DNM810400	162134
R#FND0091860080 L#DPB810030	162135
TESTS REQUIRED / PERFORMED:	
TEST METHOD	DESCRIPTION
1. ASTM D5994	Thickness
2. ASTM D6693	Tensile Properties
3. ASTM D792	Specific Gravity

TEST RESULTS: The test results are summarized in the attached Tables 1 to 3.

Note: The general conditioning and testing of the material samples identified in this report were performed within the range of the laboratory environmental conditions; i.e., 20-24°C and 45-65% RH. Otherwise, the actual environmental conditions are indicated in the respective test method reported.

Carbon Content Muffle

Respectfully,

TRI Environmental, Inc. - California

4. ASTM D4218

Maria Expetia

Maria Espitia Quality Assurance

Chad Blackwell TRI-CA Director

Signatures are on file

It shall be noted that the samples tested are believed to be true representatives of the material produced under the designation herein stated. In addition, the attached laboratory tests results are considered indicative only of the quality of samples/specimens that were actually tested. The appropriate test methods hereby employed are based on the current and accepted industry practices. TRI neither accepts responsibility for nor makes claims to the intended final use and purpose of the material. The test data and all associated project information shall be held confidential and not to be reproduced and/or disclosed to other parties except in full and with prior written approval from pertinent entity duly authorized by the respective client or from the client itself. It is our policy to keep physical records of each job for two (2) years commencing from the date of receipt of the samples and keep its corresponding electronic file for seven (7) years. *Retained conformance samples are disposed of after one (1) month.* On the other hand, should you need us to keep them at a longer period, please advise us in writing.

4 Pages Total (including this sheet)



Austin, TX - USA | Anaheim, CA - USA | Anderson, SC - USA | Gold Coast - Australia | Suzhou - China TABLE 1.

MATERIAL PROPERTIES

CLIENT: NewFields

PROJECT: Cripple Creek & Victor Mine VLF2 Phase 3A

C		Reported: 3	3/30/2022 R#FND0091	860042 I	#DNM81	0400							RI Job No.: ontrol No.:			
		•	100mil LLD										ond of the		-	
		•				•	PECIMENS	6							Γ	Proj.
		1	2	3	4	5	6	7	8	9	10	Avg.	Std. Dev.	Min	Max	Specs.
METHOD	DES	CRIPTIO	Ν													
ASTM D5994	Thickr	ness (mils	5)													
	A	pparatus: De	ad-weight dial r	micrometer wi	th gauge poi	nts tapered at a	n angle of 60 $^{\circ}$	+/- 2° to the	horizontal with	h the tip						
	ro	ounded to a ra	adius of 0.8+/-0).1 mm(0.031+	-/-0.004 in), I	with a specified i	force of 0.56+,	/-0.05 N (2+/-	0.2 oz)							
	L		5 sec Specin	nen Size: 4" x	4"											85 min.
		101	100	101	101	101	99	101	100	100	100	100	1	99	101	95 min. ave
ASTM D792	Specif		(23/ 23°C)													
Method A	_	0.9382	0.9381									0.9381	0.0001	0.9381	0.9382	0.939 max.
ASTM D6693		e Propertie														
Type IV						in, Length of nar	row section:1.	3in, Width Ov	erall:0.75in,							
		ength Overal		Rate of Sepa		in										
	MD	e Strengtn 336	at Break (I 327	105/ 1n wid 302	312	320						319	13	302	336	150 min.
	TD	352	343	330	365	376						353	18	302	336	150 mm.
			eak (percei			Gauge Len	ath = 2 0 ir	1					10		0/0	
	MD	554	555	535	538	549						546	9	535	555	250 min.
	TD	641	656	623	664	675						652	20	623	675	
ASTM D4218	Carbor	n Content														
	A	pparatus: M	uffle Furnace													

(End of Table 1)

(Sheet 1 of 1)

By accepting the data and results presented on this report, the Client agrees to limit the liability of TRI Environmental, Inc. from Client and all other parties for claims on issues, due to the use of this data, to the cost for the respective tests presented in this report; and the Client agrees to indemnify and hold harmless TRI Environmental, Inc. from and against all liabilities in excess of the aforementioned limit.

GAI-LAP





Austin, TX - USA | Anaheim, CA - USA | Anderson, SC - USA | Gold Coast - Australia | Suzhou - China TABLE 2.

MATERIAL PROPERTIES

CLIENT: NewFields

PROJECT: Cripple Creek & Victor Mine VLF2 Phase 3A

Mate	erial Descrip	tion: 1	00mil LLD	PE Doubl	e Sided N	•	PECIMEN	e								Proj.
	1		2	3	4	5	6	7	8	9	10	Avg.	Std. Dev.	Min	Max	Specs.
METHOD	DESCRI	ΡΤΙΟ	N													•
ASTM D5994	Thickness															
le fill Beece i		•	,	micrometer w	rith aauae po	oints tapered at	an angle of 60)° +/- 2° to th	e horizontal wi	th the tip						
			-			with a specified	-									
			5 sec Specin					,	,							85 min.
	10	0	101	101	102	102	101	102	102	103	103	102	1	100	103	95 min. ave
ASTM D792	Specific G	avity	(23/ 23°C)													
Method A	0.93	68	0.9371									0.9369	0.0002	0.9368	0.9371	0.939 max.
ASTM D6693	Tensile Pro	oerties	<u>3:</u>													
Гуре IV	,					5in, Length of na	arrow section:	1.3in, Width O	verall:0.75in,							
	Length			Rate of Sepa		in										
	MD 31		at Break (I 329	1bs/ in wi 298	dth) 320	336						319	15	000	220	150 min.
		-	329	364	320	362						356	15	298 339	336 372	150 mm.
	TD 37	-			555	Gauge Ler	ath = 2.0	'n				330	15	339	312	
	TD 37 Elongation	at Bre	ak (percei	11 701			·g 2.01									
	Elongation		eak (percer 573		564							566	28	526	604	250 min
		5	eak (percer 573 639	526 656	564 625	604 654						566 650	28 18	526 625	604 673	250 min.

(End of Table 2)

(Sheet 1 of 1)

By accepting the data and results presented on this report, the Client agrees to limit the liability of TRI Environmental, Inc. from Client and all other parties for claims on issues, due to the use of this data, to the cost for the respective tests presented in this report; and the Client agrees to indemnify and hold harmless TRI Environmental, Inc. from and against all liabilities in excess of the aforementioned limit.

GAI-LA



Austin, TX - USA | Anaheim, CA - USA | Anderson, SC - USA | Gold Coast - Australia | Suzhou - China TABLE 3.

MATERIAL PROPERTIES

CLIENT: NewFields

PROJECT: Cripple Creek & Victor Mine VLF2 Phase 3A

			3/23/2022 3/30/2022										QC'd By: RI Job No.:	, CA220		a
			R#FND0091		L#DPB810							TRI C	ontrol No.:	162135	5	
Mate	erial Des	cription:	100mil LLD	PE Double	Sided Mi	•	PECIMEN	e								Proj.
		1	2	3	4	5	6	7	8	9	10	Avg.	Std. Dev.	Min	Max	Specs.
METHOD	DESC	RIPTIC)N			-	-		-	-	-					
ASTM D5994		ess (mil														
			-, ead-weight dial ı	nicrometer wi	ith gauge poil	nts tapered at a	n angle of 60	° +/- 2° to the	horizontal wit	th the tip						
	rou	inded to a r	radius of 0.8+/-0).1 mm(0.031+	⊧/-0.004 in), v	with a specified	force of 0.56+	-/-0.05 N (2+/-	0.2 oz)							
	Lo	ading Time:	:5 sec Specin	nen Size: 4" x	4"											85 min.
		101	100	101	102	102	101	101	100	100	101	101	1	100	102	95 min. ave
ASTM D792	•		(23/ 23°C)													
Method A		0.9364	0.9367									0.9366	0.0002	0.9364	0.9367	0.939 max.
ASTM D6693	Tensile	Propertie	es:													
Type IV		•	ns: Type IV, Wi				rrow section:1	.3in, Width Ov	erall:0.75in,							
		ngth Overa		Rate of Sepa		in										
	I ensile MD	Strength 319	n at Break (348	1bs/ in wic 352	313 313	323						331	18	313	352	150 min.
	TD	331	328	302	362	323						329	22	302	362 362	150 mm.
			eak (perce		302	Gauge Ler	ath = 20i	n				525	~~~	302	302	
	MD	551	575	587	520	555	igin 2.01					557	26	520	587	250 min.
	TD	624	617	581	662	683						633	40	581	683	200
ASTM D4218	Carbon	Content														
	Ap	paratus: M	luffle Furnace													
		2.38	2.51									2.45	0.10	2.38	2.51	2 - 3

(End of Table 3)

(Sheet 1 of 1)

By accepting the data and results presented on this report, the Client agrees to limit the liability of TRI Environmental, Inc. from Client and all other parties for claims on issues, due to the use of this data, to the cost for the respective tests presented in this report; and the Client agrees to indemnify and hold harmless TRI Environmental, Inc. from and against all liabilities in excess of the aforementioned limit.

1970 S. Santa Cruz Street, Anaheim, CA 92805, www.precisionlabs.net TRI Environmental, Inc. dba Precision Geosynthetic Laboratories International

GAI-LA



April 4, 2022

Nikoliya Boyanich *NewFields* 9400 Station Street, Suite 300 Lone Tree, CO 80124

Re: FINAL LABORATORY TEST REPORT

Dear Ms. Boyanich:

Thank you for consulting TRI California for your material testing needs.

Enclosed is the *final* laboratory report for the Conformance testing of two (2) 100mil LLDPE Double Sided Microspike samples.

PROJECT NAME: Cripple Creek & Victor Mine VLF2 Ph 3A

REFERENCE TRI JOB NO .: CA220269

DATE RECEIVED: March 29, 2022

SAMPLED BY: TRI-CA, AGRU NV

SAMPLE IDENTIFICATIONS:

SAMPLE ID R#FND0091860100 L#DPB810030 R#FND0091860120 L#DPB810030

TESTS REQUIRED / PERFORMED:

TEST METHOD	DESCRIPTION
1. ASTM D5994	Thickness
2. ASTM D6693	Tensile Properties
3. ASTM D792	Specific Gravity
4. ASTM D4218	Carbon Content Muffle

TEST RESULTS: The test results are summarized in the attached Tables 1 to 2.

Note: The general conditioning and testing of the material samples identified in this report were performed within the range of the laboratory environmental conditions; i.e., 20-24°C and 45-65% RH. Otherwise, the actual environmental conditions are indicated in the respective test method reported.

Respectfully,

TRI Environmental, Inc. - California

Maria Espetia

Maria Espitia Quality Assurance

/		~	-
1	V	100	>
6			

Chad Blackwell TRI-CA Director

Signatures are on file

It shall be noted that the samples tested are believed to be true representatives of the material produced under the designation herein stated. In addition, the attached laboratory tests results are considered indicative only of the quality of samples/specimens that were actually tested. The appropriate test methods hereby employed are based on the current and accepted industry practices. TRI neither accepts responsibility for nor makes claims to the intended final use and purpose of the material. The test data and all associated project information shall be held confidential and not to be reproduced and/or disclosed to other parties except in full and with prior written approval from pertinent entity duly authorized by the respective client or from the client itself. It is our policy to keep physical records of each job for two (2) years commencing from the date of receipt of the samples and keep its corresponding electronic file for seven (7) years. *Retained conformance samples are disposed of after one (1) month.* On the other hand, should you need us to keep them at a longer period, please advise us in writing.

3 Pages Total (including this sheet)



DATE REPORTED: April 4, 2022

TRI CONTROL NUMBER

162285

n, TX - USA Anaheim, CA - USA	Anderson, SC - USA	Gold Coast - Australia	Suzhou - China
TADLE 4	A CONTRACT OF A DATA	the many set of the second set of the second s	

TABLE 1.

MATERIAL PROPERTIES

CLIENT: NewFields

PROJECT: Cripple Creek & Victor Mine VLF2 Phase 3A

		Received: 3 Reported: 4										TF	QC'd By: RI Job No.:		Eyeiti. 269	- (
(Client Sa	ample ID: I	R#FND0091	860100 L#	#DPB810	030						TRI C	ontrol No.:	162285	5	
Mat	erial De	scription: 1	100mil LLDI	PE Double	Sided Mi	icrospike										
						S	PECIMEN	S								Proj.
		1	2	3	4	5	6	7	8	9	10	Avg.	Std. Dev.	Min	Max	Specs.
METHOD	DES	CRIPTIO	N													
ASTM D5994	Thickr	ness (mils	;)													
	A	Apparatus: De	ad-weight dial i	micrometer wi	th gauge po	ints tapered at a	an angle of 6	0° +/- 2° to the	e horizontal wi	th the tip						
	r	ounded to a r	adius of 0.8+/-0).1 mm(0.031+	⊧/-0.004 in),	with a specified	force of 0.56	6+/-0.05 N (2+/	0.2 oz)							
	L		5 sec Specin													85 min.
		105	102	115	111	107	109	108	107	111	109	108	4	102	115	95 min. ave
ASTM D792	Speci		(23/ 23°C)													
Method A		0.9362	0.9365									0.9363	0.0003	0.9362	0.9365	0.939 max
ASTM D6693		e Propertie														
Type IV		•	••			5in, Length of na	rrow section.	1.3in, Width O	verall:0.75in,							
		ength Overal	at Break (I	Rate of Sepa		าเท										
	MD	302	310	307	317	341						315	15	302	341	150 min.
	TD	357	319	342	335	317						334	17	317	357	
	Elona	ation at Bre	eak (percer	nt. %)		Gauge Lei	nath = 2.0	in.								
	MD	544	570	561	588	654	J					583	43	544	654	250 min.
	TD	680	605	661	642	609						639	33	605	680	
ASTM D4218	Carbo	n Content														
	A	Apparatus: M	uffle Furnace													
		2.47	2.50									2.48	0.02	2.47	2.50	2 - 3

(End of Table 1)

(Sheet 1 of 1)

By accepting the data and results presented on this report, the Client agrees to limit the liability of TRI Environmental, Inc. from Client and all other parties for claims on issues, due to the use of this data, to the cost for the respective tests presented in this report; and the Client agrees to indemnify and hold harmless TRI Environmental, Inc. from and against all liabilities in excess of the aforementioned limit.

GAI-LA



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MATERIAL PROPERTIES

CLIENT: NewFields

PROJECT: Cripple Creek & Victor Mine VLF2 Phase 3A

			PE Double \$	Sided Mi	•	DEOMENIA									
	1	2	3	4	5	PECIMENS	7	8	9	10	Avg.	Std. Dev.	Min	Max	Proj. Specs.
METHOD	DESCRIPT	=	J	-	5	0	1	0	3	10	y.	Stu. Dev.	MIIII	WIAX	opecs.
-															
STM D5994	Thickness (m	,		h			. (0 ⁰ to the	h							
		Dead-weight dial				-			n the tip						
		a radius of 0.8+/-0 ne: 5 sec Specin	•		with a specified	TORCE OF U.50+	/-0.05 /\ (2+/-	0.2 OZ)							85 min.
	107	107	106	+ 109	107	106	106	106	105	108	106	1	105	109	95 min. av
STM D792	Specific Gravi			105	107	100	100	100	100	100			105	103	55 mm. av
lethod A	0.9385	0.9384									0.9385	0.0001	0.9384	0.9385	0.939 ma
STM D6693	Tensile Proper	ies:													
		nens: Type IV. W	idth of narrow s	ection:0.25	in, Length of na	rrow section:1	3in, Width Ov	erall:0.75in,							
ype IV	Test Specir				, -										
ype IV	Test Specir Length Ove		Rate of Sepa	aration: 2"/m	n										
ype IV		rall: 4.5in			in										
ype IV	Length Ove Tensile Streng MD 325	rall: 4.5in th at Break (I 301	lbs/ in widtl 326		334						322	12	301	334	150 min.
ype IV	Length Ove Tensile Streng MD 325 TD 346	rall: 4.5in th at Break (I 301 342	lbs/ in widtl 326 338	h)	334 310						322 327	12 21	301 298	334 346	150 min.
ype IV	Length Over Tensile Streng MD 325 TD 346 Elongation at I	rall: 4.5in th at Break (I 301 342 Break (percen	lbs/ in widtl 326 338 nt, %)	h) 324 298	334 310 Gauge Ler	ngth = 2.0 ir	1.				327	21			150 min.
ype IV	Length Ove Tensile Streng MD 325 TD 346	rall: 4.5in th at Break (I 301 342	lbs/ in widtl 326 338	h) 324	334 310	ngth = 2.0 ir	1.								150 min. 250 min.

(End of Table 2)

(Sheet 1 of 1)

By accepting the data and results presented on this report, the Client agrees to limit the liability of TRI Environmental, Inc. from Client and all other parties for claims on issues, due to the use of this data, to the cost for the respective tests presented in this report; and the Client agrees to indemnify and hold harmless TRI Environmental, Inc. from and against all liabilities in excess of the aforementioned limit.





MANUFACTURING QA IN-PLANT SAMPLING/INSPECTION REPORT

							QA by:				
Pro	ject Name: CC&V VLF2 Ph 3A			TYP	E OF MQA:	LEVEL (2)		QA by:		/	
	Material: 100mil LLDPE Double	Sided Microspike	. s	AMPLING FR	EQUENCY:	1/150,000 sq.ft					
Ma	nufacturer: AGRU										
	Location: NV	-									
No.	Roll #	Resin Lot #	Length (ft.)	Width (ft.)	Area (ft ²)	Date Manufactured	Sampled by	Date Sampled	Date Received	Reference Job No/ Control No	
1	FND0105560002	DPH810650	335	23	7705	10/5/2022	TRI-CA	10/5/2022	10/6/2022	CA221181 C#167457	
2	FND0105560003	DPH810650	335	23	7705	10/5/2022					
3	FND0105560004	DPH810650	335	23	7705	10/5/2022					
4	FND0105560005	DPH810650	335	23	7705	10/5/2022					
5	FND0105560006	DPH810650	335	23	7705	10/5/2022					
6	FND0105560007	DPH810650	335	23	7705	10/5/2022					
7	FND0105560008	DPH810650	335	23	7705	10/5/2022					
8	FND0105560009	DPH810650	335	23	7705	10/5/2022					
9	FND0105560010	DPH810650	335	23	7705	10/5/2022					
10	FND0105560011	DPH810650	335	23	7705	10/5/2022					
11	FND0105560012	DPH810650	335	23	7705	10/5/2022					
12	FND0105560013	DPH810650	335	23	7705	10/5/2022					
13	FND0105560014	DPH810650	335	23	7705	10/6/2022					
14	FND0105560015	DPH810650	335	23	7705	10/6/2022					
15	FND0105560016	DPH810650	335	23	7705	10/6/2022					
16	FND0105560017	DPH810650	335	23	7705	10/6/2022					
				TOTAL ft ² =	123,280						



TRI CONTROL NUMBER

166713

166714

September 19, 2022

Nikoliya Boyanich *NewFields* 9400 Station Street, Suite 300 Lone Tree, CO 80124

Re: FINAL LABORATORY TEST REPORT

Dear Ms. Boyanich:

Thank you for consulting TRI California for your material testing needs.

Enclosed is the *final* laboratory report for the Conformance testing of two (2) 100mil LLDPE Double Sided Microspike samples.

PROJECT NAME: Cripple Creek & Victor Mine VLF2 Ph 3A CQA

REFERENCE TRI JOB NO .: CA221077

DATE RECEIVED: September 13, 2022

SAMPLED BY: TRI-CA, AGRU NV

SAMPLE IDENTIFICATIONS:

SAMPLE ID R#FNB0103590002 L#DPF811350 R#FNB0103590021 L#DPF811350

TESTS REQUIRED / PERFORMED:

TEST METHOD	DESCRIPTION
1. ASTM D5994	Thickness
2. ASTM D6693	Tensile Properties
3. ASTM D792	Specific Gravity
4. ASTM D4218	Carbon Content Muffle

TEST RESULTS: The test results are summarized in the attached Tables 1 to 2.

Note: The general conditioning and testing of the material samples identified in this report were performed within the range of the laboratory environmental conditions; i.e., 20-24°C and 45-65% RH. Otherwise, the actual environmental conditions are indicated in the respective test method reported.

Respectfully,

TRI Environmental, Inc. - California

Maries Expetia

Maria Espitia Quality Assurance

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Chad Blackwell TRI-CA Director

Signatures are on file

It shall be noted that the samples tested are believed to be true representatives of the material produced under the designation herein stated. In addition, the attached laboratory tests results are considered indicative only of the quality of samples/specimens that were actually tested. The appropriate test methods hereby employed are based on the current and accepted industry practices. TRI neither accepts responsibility for nor makes claims to the intended final use and purpose of the material. The test data and all associated project information shall be held confidential and not to be reproduced and/or disclosed to other parties except in full and with prior written approval from pertinent entity duly authorized by the respective client or from the client itself. It is our policy to keep physical records of each job for two (2) years commencing from the date of receipt of the samples and keep its corresponding electronic file for seven (7) years. *Retained conformance samples are disposed of after one (1) month.* On the other hand, should you need us to keep them at a longer period, please advise us in writing.

3 Pages Total (including this sheet)



DATE REPORTED: September 19, 2022

Austin, TX - USA | Anaheim, CA - USA | Anderson, SC - USA | Gold Coast - Australia | Suzhou - China TABLE 1.

MATERIAL PROPERTIES

CLIENT: NewFields

PROJECT: Cripple Creek & Victor Mine VLF2 Phase 3A CQA

Date Received: 9/13/2022 Date Reported: 9/19/2022 Client Sample ID: R#FNB0103590002 L#DPF811350

Material Description: 100mil LLDPE Double Sided Microspike

Maria Expetia QC'd By: TRI Job No.: CA221077

TRI Control No.: 166713

						S	PECIMEN	S								Proj.
		1	2	3	4	5	6	7	8	9	10	Avg.	Std. Dev.	Min	Max	Specs.
METHOD	DES	CRIPTIC	N													1
ASTM D5994	Thickr	ness (mil	s)													
	Д	Apparatus: De	ead-weight dial n	nicrometer wit	th gauge poin	ts tapered at a	n angle of 60	° +/- 2° to the	e horizontal with	h the tip						
	r	ounded to a r	radius of 0.8+/-0	.1 mm(0.031+	-/-0.004 in), w	ith a specified	force of 0.56+	-/-0.05 N (2+/-	0.2 oz)							
	L	oading Time.	5 sec Specim	nen Size: 4" x	4"											85 min.
		101	101	105	101	103	104	102	102	109	100	103	2	100	109	95 min. ave
ASTM D792	Specif	fic Gravity	(23/ 23°C)													
Method A		0.9368	0.9368									0.9368	0.0000	0.9368	0.9368	0.939 max.
ASTM D6693	Tensile	e Propertie	es:													
Type IV	7	Test Specimens: Type IV, Width of narrow section:0.25in, Length of narrow section:1.3in, Width Overall:0.75in,														
		Length Overall: 4.5in Rate of Separation: 2"/min														
	Tensile Strength at Break (lbs/ in width)															
	MD	308	316	300	304	319						309	8	300	319	150 min.
	TD	343	341	333	345	312						335	14	312	345	
	Ŭ		eak (percer			Gauge Lei	ngth = 2.0 i	in.								
	MD	565	561	548	539	589						560	19	539	589	250 min.
	TD	638	634	614	636	584						621	23	584	638	
ASTM D4218		Carbon Content														
	A	· · ·	luffle Furnace													
		2.44	2.48									2.46	0.03	2.44	2.48	2 - 3

(End of Table 1)

(Sheet 1 of 1)

By accepting the data and results presented on this report, the Client agrees to limit the liability of TRI Environmental, Inc. from Client and all other parties for claims on issues, due to the use of this data, to the cost for the respective tests presented in this report; and the Client agrees to indemnify and hold harmless TRI Environmental, Inc. from and against all liabilities in excess of the aforementioned limit.

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Austin, TX - USA | Anaheim, CA - USA | Anderson, SC - USA | Gold Coast - Australia | Suzhou - China TABLE 2.

MATERIAL PROPERTIES

CLIENT: NewFields

PROJECT: Cripple Creek & Victor Mine VLF2 Phase 3A CQA

aria Expitia QC'd By:

Date Reported: 9/19/2022

Date Received: 9/13/2022

TRI Job No.: CA221077 TRI Control No.: 166714

Client Sample ID: R#FNB0103590021 L#DPF811350 Material Description: 100mil LLDPE Double Sided Microspike

						S	SPECIMEN	S								Proj.
		1	2	3	4	5	6	7	8	9	10	Avg.	Std. Dev.	Min	Max	Specs.
METHOD	DESC	CRIPTIC)N													
ASTM D5994	Thickn	ess (mil	s)													
	A	pparatus: De	ead-weight dial m	nicrometer wit												
	ro	ounded to a r	radius of 0.8+/-0.	1 mm(0.031+	-/-0.004 in), w	rith a specified	force of 0.56+	/-0.05 N (2+/-	0.2 oz)							
	Lo	oading Time:	:5 sec Specim	en Size: 4" x												85 min.
		103	102	106	103	102	100	102	101	101	106	102	2	100	106	95 min. ave
ASTM D792	•	ic Gravity	· · · · ·													
Method A		0.9378	0.9378									0.9378	0.0000	0.9378	0.9378	0.939 max.
ASTM D6693	<u>Tensile</u>	Propertie	<u>es:</u>													
Type IV	Te	Test Specimens: Type IV, Width of narrow section:0.25in, Length of narrow section:1.3in, Width Overall:0.75in,														
		Length Overall: 4.5in Rate of Separation: 2"/min														
	Tensile Strength at Break (lbs/ in width)															
	MD	283	309	296	295	304						297	10	283	309	150 min.
	TD	331	320	333	334	348						333	10	320	348	
			eak (percen			Gauge Length = 2.0 in.										
	MD	540	570	538	563	564						555	14	538	570	250 min.
	TD	621	602	624	619	648						623	17	602	648	
ASTM D4218		Carbon Content														
	Apparatus: Muffle Furnace															
		2.50	2.46									2.48	0.03	2.46	2.50	2 - 3

(End of Table 2)

(Sheet 1 of 1)

By accepting the data and results presented on this report, the Client agrees to limit the liability of TRI Environmental, Inc. from Client and all other parties for claims on issues, due to the use of this data, to the cost for the respective tests presented in this report; and the Client agrees to indemnify and hold harmless TRI Environmental, Inc. from and against all liabilities in excess of the aforementioned limit.



October 10, 2022

Nikoliya Boyanich *NewFields* 9400 Station Street, Suite 300 Lone Tree, CO 80124

Re: FINAL LABORATORY TEST REPORT

Dear Ms. Boyanich:

Thank you for consulting TRI California for your material testing needs.

Enclosed is the *final* laboratory report for the Conformance testing of one (1) 100mil LLDPE Double Sided Microspike sample.

PROJECT NAME: Cripple Creek & Victor Mine VLF2 Ph 3A CQA

REFERENCE TRI JOB NO.: CA221181

DATE RECEIVED: October 5, 2022

SAMPLED BY: TRI-CA, AGRU NV

SAMPLE IDENTIFICATIONS: SAMPLE ID

R#FND0105560002 L#DPH810650

TESTS REQUIRED / PERFORMED:

TEST METHOD 1. ASTM D5994 2. ASTM D6693 3. ASTM D792 4. ASTM D4218

TRI CONTROL NUMBER 167457

DATE REPORTED: October 10, 2022

DESCRIPTION

Thickness Tensile Properties Specific Gravity Carbon Content Muffle

TEST RESULTS: The test results are summarized in the attached Table 1.

Note: The general conditioning and testing of the material samples identified in this report were performed within the range of the laboratory environmental conditions; i.e., 20-24°C and 45-65% RH. Otherwise, the actual environmental conditions are indicated in the respective test method reported.

Respectfully,

TRI Environmental, Inc. - California

Maria Espetia

Maria Espitia Quality Assurance

Chad Blackwell TRI-CA Director

Signatures are on file

It shall be noted that the samples tested are believed to be true representatives of the material produced under the designation herein stated. In addition, the attached laboratory tests results are considered indicative only of the quality of samples/specimens that were actually tested. The appropriate test methods hereby employed are based on the current and accepted industry practices. TRI neither accepts responsibility for nor makes claims to the intended final use and purpose of the material. The test data and all associated project information shall be held confidential and not to be reproduced and/or disclosed to other parties except in full and with prior written approval from pertinent entity duly authorized by the respective client or from the client itself. It is our policy to keep physical records of each job for two (2) years commencing from the date of receipt of the samples and keep its corresponding electronic file for seven (7) years. *Retained conformance samples are disposed of after one (1) month.* On the other hand, should you need us to keep them at a longer period, please advise us in writing.

2 Pages Total (including this sheet)



Austin, TX - USA | Anaheim, CA - USA | Anderson, SC - USA | Gold Coast - Australia | Suzhou - China

TABLE 1.

MATERIAL PROPERTIES

CLIENT: NewFields

PROJECT: Cripple Creek & Victor Mine VLF2 Phase 3A

Date Received: 10/6/2022 Date Reported: 10/10/2022 Client Sample ID: R#FND0105560002 L#DPH810650 Material Description: 100mil LLDPE Double Sided Microspike QC'd By: Maries Expetis

TRI Job No.: CA221181 TRI Control No.: 167457

	SPECIMENS												Proj.			
		1	2	3	4	5	6	7	8	9	10	Avg.	Std. Dev.	Min	Max	Specs.
METHOD	DESC	CRIPTIO	N													1
ASTM D5994	Thickn	ess (mil	s)													
	A	pparatus: De	ad-weight dial ı	nicrometer wi	th gauge poir	ts tapered at a	n angle of 60°	+/- 2° to the	horizontal with	h the tip						
	rc	ounded to a r	adius of 0.8+/-0	.1 mm(0.031+	/-0.004 in), w	vith a specified	force of 0.56+	/-0.05 N (2+/-	0.2 oz)							
	Le	oading Time:	5 sec Specin	nen Size: 4" x	4"											85 min.
		105	109	108	106	104	106	106	106	106	106	106	1	104	109	95 min. ave
ASTM D792	Specif	ic Gravity	(23/ 23°C)													
Method A		0.9376	0.9374									0.9375	0.0001	0.9374	0.9376	0.939 max.
ASTM D6693	<u>Tensile</u>	Propertie	<u>s:</u>													
Type IV	T	est Specime	ns: Type IV, Wi	dth of narrow	section:0.25ii	n, Length of nai	rrow section:1	3in, Width Ov	erall:0.75in,							
	Length Overall: 4.5in Rate of Separation: 2"/min															
	Tensile Strength at Break (lbs/ in width)															
	MD	271	296	301	297	275						288	14	271	301	150 min.
	TD	321	315	305	335	318						319	11	305	335	
	<u> </u>		eak (perce				ngth = 2.0 ii	n.								
	MD	487	496	526	488	456						491	25	456	526	250 min.
	TD	616	608	593	665	624						621	27	593	665	
ASTM D4218	Carbon	Content														
	Ą	pparatus: M	uffle Furnace													
		2.47	2.48									2.47	0.01	2.47	2.48	2 - 3

(End of Table 1)

(Sheet 1 of 1)

By accepting the data and results presented on this report, the Client agrees to limit the liability of TRI Environmental, Inc. from Client and all other parties for claims on issues, due to the use of this data, to the cost for the respective tests presented in this report; and the Client agrees to indemnify and hold harmless TRI Environmental, Inc. from and against all liabilities in excess of the aforementioned limit.

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