



MANUFACTURING QA IN-PLANT SAMPLING/INSPECTION REPORT

Project Name:	Cripple Creek & Victor Mine VLF2 Ph 3A	TYPE OF MQA:	LEVEL (2)	QA by:	Maria Expetia
Material:	80mil LLDPE Double Sided Microspike	SAMPLING FREQUENCY:	1/150,000 sq.ft.		
Manufacturari	ACRII				

	Location: NV									
No.	Roll#	Lot#	Length (ft.)	Width (ft.)	Area (ft²)	Date Manufactured	Sampled by	Date Sampled	Date Received	Reference Job No/ Control No
1	FNA0091850001	DNK810410	410	23	9430	2/24/2022	TRI-CA	2/24/2022	2/28/2022	CA220175 C#161880
2	FNA0091850002	DNK810410	410	23	9430	2/24/2022				
3	FNA0091850003	DNK810410	410	23	9430	2/24/2022				
4	FNA0091850004	DNK810410	410	23	9430	2/24/2022				
5	FNA0091850005	DNK810410	410	23	9430	2/24/2022				
6	FNA0091850006	DNK810410	410	23	9430	2/24/2022				
7	FNA0091850007	DNK810410	410	23	9430	2/24/2022				
8	FNA0091850008	DNK810410	410	23	9430	2/24/2022				
9	FNA0091850009	DNK810410	410	23	9430	2/25/2022				
10	FNA0091850010	DNK810410	410	23	9430	2/25/2022				
11	FNA0091850011	DNK810410	410	23	9430	2/25/2022				
12	FNA0091850012	DNK810410	410	23	9430	2/25/2022				
13	FNA0091850013	DNK810410	410	23	9430	2/25/2022				
14	FNA0091850014	DNK810410	410	23	9430	2/25/2022				
15	FNA0091850015	DNK810410	410	23	9430	2/25/2022				
16	FNA0091850016	DNK810410	410	23	9430	2/25/2022	TRI-CA	2/28/2022	3/3/2022	CA220187 C#161917
17	FNA0091850017	DNK810410	410	23	9430	2/25/2022				
18	FNA0091850018	DNK810410	410	23	9430	2/25/2022				
19	FNA0091850019	DNK810410	410	23	9430	2/25/2022				
20	FNA0091850020	DNK810410	410	23	9430	2/25/2022				
21	FNA0091850021	DNK810410	410	23	9430	2/25/2022				
22	FNA0091850022	DNK810410	410	23	9430	2/25/2022				
23	FNA0091850023	DNK810410	410	23	9430	2/25/2022				
24	FNA0091850024	DNK810410	410	23	9430	2/25/2022				
25	FNA0091850025	DNK810410	410	23	9430	2/25/2022				
26	FNA0091850026	DNK810410	410	23	9430	2/25/2022				
27	FNA0091850027	DNK810410	410	23	9430	2/26/2022				
28	FNA0091850028	DNK810410	410	23	9430	2/26/2022				
29	FNA0091850029	DNK810410	410	23	9430	2/26/2022				





MANUFACTURING QA IN-PLANT SAMPLING/INSPECTION REPORT

Project Name: Cripple Creek & Victor Mine VLF2 Ph 3A	TYPE OF MQA: LEVEL (2)	Maria Expetia QA by:	
Material: 80mil LLDPE Double Sided Microspike	SAMPLING FREQUENCY: 1/150,000 sq.ft.		
Manufacturer: 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
30	FNA0091850030	DNK810410	410	23	9430	2/26/2022				
31	FNA0091850031	DNK810410	410	23	9430	2/26/2022	TRI-CA	2/28/2022	3/3/2022	CA220187 C#161918
32	FNA0091850032	DNK810410	410	23	9430	2/26/2022				
33	FNA0091850033	DNK810410	410	23	9430	2/26/2022				
34	FNA0091850034	DNK810410	410	23	9430	2/26/2022				
35	FNA0091850035	DNK810410	410	23	9430	2/26/2022				
36	FNA0091850036	DNK810410	410	23	9430	2/26/2022				
37	FNA0091850037	DNK810410	410	23	9430	2/26/2022				
38	FNA0091850038	DNK810410	410	23	9430	2/26/2022				
39	FNA0091850039	DNK810410	410	23	9430	2/26/2022				
40	FNA0091850040	DNK810410	410	23	9430	2/26/2022				
41	FNA0091850041	DNK810410	410	23	9430	2/26/2022				
42	FNA0091850042	DNK810410	410	23	9430	2/26/2022				
43	FNA0091850043	DNK810410	410	23	9430	2/26/2022				
44	FNA0091850044	DNK810410	410	23	9430	2/26/2022				
45	FNA0091850045	DNK810410	410	23	9430	2/27/2022				
46	FNA0091850046	DNK810410	410	23	9430	2/27/2022	TRI-CA	2/28/2022	3/2/2022	CA220183 C#161907
47	FNA0091850047	DNK810410	410	23	9430	2/27/2022				
48	FNA0091850048	DNK810410	410	23	9430	2/27/2022				
49	FNA0091850049	DNK810410	410	23	9430	2/27/2022				
50	FNA0091850050	DNK810410	410	23	9430	2/27/2022				
51	FNA0091850051	DNK810410	410	23	9430	2/27/2022				
52	FNA0091850052	DNK810410	410	23	9430	2/27/2022				
53	FNA0091850053	DNK810410	410	23	9430	2/27/2022				
54	FNA0091850054	DNK810410	410	23	9430	2/27/2022				
				Sub Total ft ² =	509220					
55	FNA0091850055	21KB544	410	23	9430	2/27/2022				
56	FNA0091850056	21KB544	410	23	9430	2/27/2022	TRI-CA	2/28/2022	3/2/2022	CA220183 C#161908
57	FNA0091850057	21KB544	410	23	9430	2/27/2022				





MANUFACTURING QA IN-PLANT SAMPLING/INSPECTION REPORT

Project Name	: Cripple Creek & Victor Mine VLF2 Ph 3A	TYPE OF MQA: LEVEL (2)	QA by:	Tota Upetia
Materia	: 80mil LLDPE Double Sided Microspike	SAMPLING FREQUENCY: 1/150,000 sq.ft.		
			•	

Manufacturer: 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
58	FNA0091850058	21KB544	410	23	9430	2/27/2022				
59	FNA0091850059	21KB544	410	23	9430	2/27/2022				
60	FNA0091850060	21KB544	410	23	9430	2/27/2022				
61	FNA0091850061	21KB544	410	23	9430	2/27/2022				
62	FNA0091850062	21KB544	410	23	9430	2/28/2022				
63	FNA0091850063	21KB544	410	23	9430	2/28/2022				
64	FNA0091850064	21KB544	410	23	9430	2/28/2022				
65	FNA0091850065	21KB544	410	23	9430	2/28/2022				
66	FNA0091850066	21KB544	410	23	9430	2/28/2022				
67	FNA0091850067	21KB544	410	23	9430	2/28/2022				
68	FNA0091850068	21KB544	410	23	9430	2/28/2022				
69	FNA0091850069	21KB544	410	23	9430	2/28/2022				
70	FNA0091850070	21KB544	410	23	9430	2/28/2022				
71	FNA0091850071	21KB544	410	23	9430	2/28/2022	TRI-CA	3/2/2022	3/3/2022	CA220188 C#161919
72	FNA0091850072	21KB544	410	23	9430	2/28/2022				
73	FNA0091850073	21KB544	410	23	9430	2/28/2022				
74	FNA0091850074	21KB544	410	23	9430	2/28/2022				
75	FNA0091850075	21KB544	410	23	9430	2/28/2022				
76	FNA0091850076	21KB544	410	23	9430	2/28/2022				
77	FNA0091850077	21KB544	410	23	9430	2/28/2022				
78	FNA0091850078	21KB544	410	23	9430	2/28/2022				
79	FNA0091850079	21KB544	410	23	9430	3/1/2022				
80	FNA0091850080	21KB544	410	23	9430	3/1/2022				
81	FNA0091850081	21KB544	410	23	9430	3/1/2022				
82	FNA0091850083	21KB544	410	23	9430	3/1/2022				
83	FNA0091850084	21KB544	410	23	9430	3/1/2022				
84	FNA0091850085	21KB544	410	23	9430	3/1/2022				
85	FNA0091850086	21KB544	410	23	9430	3/1/2022				
86	FNA0091850087	21KB544	410	23	9430	3/1/2022	TRI-CA	3/2/2022	3/4/2022	CA220196 C#161949





MANUFACTURING QA IN-PLANT SAMPLING/INSPECTION REPORT

Project Name: Cripple Creek & Victor Mine VLF2 Ph 3A	TYPE OF MQA: LEVEL (2)	QA by:
Material: 80mil LLDPE Double Sided Microspike	SAMPLING FREQUENCY: 1/150,000 sq.ft.	
Manufacturer: 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
87	FNA0091850088	21KB544	410	23	9430	3/1/2022				
88	FNA0091850089	21KB544	410	23	9430	3/1/2022				
89	FNA0091850090	21KB544	410	23	9430	3/1/2022				
90	FNA0091850091	21KB544	410	23	9430	3/1/2022				
91	FNA0091850092	21KB544	410	23	9430	3/1/2022				
92	FNA0091850093	21KB544	410	23	9430	3/1/2022				
93	FNA0091850094	21KB544	410	23	9430	3/1/2022				
94	FNA0091850095	21KB544	410	23	9430	3/1/2022				
95	FNA0091850096	21KB544	410	23	9430	3/2/2022				
96	FNA0091850097	21KB544	410	23	9430	3/2/2022				
97	FNA0091850098	21KB544	410	23	9430	3/2/2022				
98	FNA0091850099	21KB544	410	23	9430	3/2/2022				
99	FNA0091850100	21KB544	410	23	9430	3/2/2022				
100	FNA0091850101	21KB544	410	23	9430	3/2/2022				
101	FNA0091850102	21KB544	410	23	9430	3/2/2022	TRI-CA	3/2/2022	3/4/2022	CA220196 C#161950
102	FNA0091850103	21KB544	410	23	9430	3/2/2022				
103	FNA0091850104	21KB544	410	23	9430	3/2/2022				
104	FNA0091850105	21KB544	410	23	9430	3/2/2022				
105	FNA0091850106	21KB544	410	23	9430	3/2/2022				
106	FNA0091850107	21KB544	410	23	9430	3/2/2022				
107	FNA0091850108	21KB544	410	23	9430	3/2/2022				
108	FNA0091850109	21KB544	410	23	9430	3/2/2022				
109	FNA0091850110	21KB544	410	23	9430	3/2/2022				
110	FNA0091850111	21KB544	410	23	9430	3/2/2022				
111	FNA0091850112	21KB544	410	23	9430	3/2/2022				
112	FNA0091850113	21KB544	410	23	9430	3/3/2022				
113	FNA0091850114	21KB544	410	23	9430	3/3/2022				
114	FNA0091850115	21KB544	410	23	9430	3/3/2022				
115	FNA0091850116	21KB544	410	23	9430	3/3/2022				





MANUFACTURING QA IN-PLANT SAMPLING/INSPECTION REPORT

Project Name:	Cripple Creek & Victor Mine VLF2 Ph 3A	TYPE OF MQA:	LEVEL (2)	QA by:	Maria Expetia	
Froject Name.	Chippie Creek & victor wille ver 2 Fit 3A	TIFE OF WICH.	LLVLL(Z)	QADy		
Material:	80mil LLDPE Double Sided Microspike	SAMPLING FREQUENCY:	1/150,000 sq.ft.			
Manufacturer:	AGRU					

No.	Roll #	Lot #	Length (ft.)	Width (ft.)	Area (ft²)	Date Manufactured	Sampled by	Date Sampled	Date Received	Reference Job No/ Control No
116	FNA0091850117	21KB544	410	23	9430	3/3/2022				
117	FNA0091850118	21KB544	410	23	9430	3/3/2022				
118	FNA0091850119	21KB544	410	23	9430	5/24/2019				
				Sub Total ft ² =	603520					
				TOTAL ft ² =	1,112,740					



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

DATE: 03/08/2022

March 8, 2022

Nikoliya Boyanich

NewFields
9400 Station Street, Suite 300
Long Tree, CO80124

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) 80mil LLDPE Double Sided Microspike sample.

PROJECT NAME: Cripple Creek & Victor Mine VLF2 Ph 3A DATE REPORTED: March 8, 2022

REFERENCE TRI JOB NO.: CA220175

DATE RECEIVED: February 28, 2022

SAMPLED BY: TRI-CA, AGRU NV

SAMPLE IDENTIFICATIONS:

SAMPLE ID TRI CONTROL NUMBER

R#FNA0091850001 L#DNK810410 161880

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 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,

Maria Expetia

TRI Environmental, Inc. - California

Maria Espitia Chad Blackwell
Quality Assurance TRI-CA Director

TRI-CA Director Signatures are on file

It shall be noted that the **sample** tested **is** 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.





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: 2/28/2022 Date Reported: 3/8/2022

Client Sample ID: R#FNA0091850001 L#DNK810410

Material Description: 80mil LLDPE Double Sided Microspike

TRI Job No.: CA220175

TRI Control No.: 161880

						SPECIMEN	S								Proj.
	1	2	3	4	5	6	7	8	9	10	Avg.	Std. Dev.	Min	Max	Specs.
METHOD	DESCRI	PTION													I
ASTM D5994	Thickness	(mils)													I
	Appara	ntus: Dead-weight	dial micrometer v	with gauge po	ints tapered at	an angle of 60	0° +/- 2° to th	ne horizontal w	ith the tip						I
	rounde	d to a radius of 0.	8+/-0.1 mm(0.031	1+/-0.004 in),	with a specifie	d force of 0.56	i+/-0.05 N (2+	/-0.2 oz)							I
	Loadin	g Time: 5 sec S _i	pecimen Size: 4"	x 4"											68 min.
	8:	3 84	82	83	83	80	81	82	82	81	82	1	80	84	76 min. ave.
ASTM D792	Specific G	avity (23/ 23°	°C)												I
Method A	0.93	325 0.932	5								0.9325	0.0000	0.9325	0.9325	0.939 max.
ASTM D6693	Tensile Pro	perties:													I
Type IV	Test S	pecimens: Type I\	/, Width of narrow	v section:0.25	in, Length of n	arrow section:	1.3in, Width C	Overall:0.75in,							I
	•	Overall: 4.5in		paration: 2"/m	in										I
		ength at Break													1
	MD 21		215	225	226						226	13	215	246	120 min.
	TD 23		242	260	250		-				248	11	233	260	I
		at Break (pe				ength = 2.0 i	in.								1
	MD 48		498	486	486						498	22	482	537	250 min.
	TD 53		557	595	575						568	25	532	595	1
ASTM D4218															1
		tus: Muffle Furna	ce												1
	2.4	11 2.39									2.40	0.01	2.39	2.41	2 - 3

(End of Table 1) (Sheet 1 of 1)



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

March 9, 2022

Nikoliya Boyanich

NewFields
9400 Station Street, Suite 300
Long 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) 80mil LLDPE Double Sided Microspike samples.

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

REFERENCE TRI JOB NO.: CA220183

<u>DATE RECEIVED</u>: March 02, 2022 <u>SAMPLED BY</u>: TRI-CA, AGRU NV

SAMPLE IDENTIFICATIONS:

SAMPLE ID TRI CONTROL NUMBER

R#FNA0091850046 L#DNK810410 161907 R#FNA0091850056 L#21KB544 161908

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,

Maria Expetia

TRI Environmental, Inc. - California

Maria Espitia Chad Blackwell
Quality Assurance TRI-CA Director

Signatures are on file

DATE: 03/09/2022

DATE REPORTED: March 9, 2022

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.





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: 3/2/2022 Date Reported: 3/9/2022

TRI Job No.: CA220183

Client Sample ID: R#FNA0091850046 L#DNK810410

Material Description: 80mil LLDPE Double Sided Microspike

TRI Control No.: 161907

						S	PECIMEN	S								Proj.
		1	2	3	4	5	6	7	8	9	10	Avg.	Std. Dev.	Min	Max	Specs.
METHOD	DES	CRIPTIC	N													
STM D5994	Thickr	ness (mils	s)													
	A	Apparatus: De	ead-weight di	al micrometer	with gauge p	oints tapered	at an angle of	60° +/- 2° to	the horizontal	I with the tip						
	r	ounded to a r	radius of 0.8+	-/-0.1 mm(0.03	31+/-0.004 in)	, with a specifi	ied force of 0.	56+/-0.05 N (2	2+/-0.2 oz)							
	L	oading Time	:5 sec Spe	cimen Size: 4	" x 4"											68 min.
		81	81	84	81	80	83	81	81	85	81	82	2	80	85	76 min. ave
STM D792	Specif	fic Gravity	(23/ 23°C	;)												
ethod A		0.9383	0.9384									0.9384	0.0000	0.9383	0.9384	0.939 max.
STM D6693	Tensile	e Propertie	es:													
ype IV	7	Foot Specimo	no. Time IV	Midth of norre												
	,	est specime	ins. Type IV,	vvidiri di riarro	ow section:0.2	5in, Length of	narrow section	n:1.3in, Width	n Overall:0.75ii	n,						
71		est Specime ength Overa			ow section:0.2 aration: 2"/mii		narrow section	n:1.3in, Width	n Overall:0.75ii	n,						
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	L	ength Overa	II: 4.5in		aration: 2"/mii		narrow section	n:1.3in, Width	n Overall:0.75ii	n,						
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	L	ength Overa	II: 4.5in	Rate of Sepa	aration: 2"/mii		narrow section	n:1.3in, Width	n Overall:0.75ii	n,		223	19	206	246	120 min.
,,,	<i>L</i> Tensil	<i>ength Overa</i> le Strength	ll: 4.5in at Break	Rate of Sepa (lbs/ in w	aration: 2"/mii ridth)	ו	narrow section	n:1.3in, Width	n Overall:0.75ii	n,		223 249	19 9	206 240	246 262	120 min.
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Tensil MD TD	ength Overalle Strength 206 247	II: 4.5in at Break 217	Rate of Sepa (lbs/ in w 239 240	aration: 2"/mii ridth) 246	206			n Overall:0.75ii	n,						120 min.
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Tensil MD TD	ength Overalle Strength 206 247	II: 4.5in at Break 217 256	Rate of Sepa (lbs/ in w 239 240	aration: 2"/mii ridth) 246	206 242			n Overall:0.75ii	n,						120 min. 250 min.
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Tensil MD TD Elonga	ength Overalle Strength 206 247 ation at Bro	ll: 4.5in at Break 217 256 eak (perc	Rate of Sepa (lbs/ in w 239 240 eent, %)	aration: 2"/mir ridth) 246 262	206 242 Gauge Ler			n Overall:0.75ii	n,		249	9	240	262	
	Tensil MD TD Elonga MD TD	ength Overalle Strength 206 247 ation at Bro	II: 4.5in n at Break 217 256 eak (perc 506	Rate of Sepa (lbs/ in w 239 240 eent, %) 541	aration: 2"/min ridth) 246 262 555	206 242 Gauge Ler 464			า Overall:0.75ii	n,		249 509	9 39	240 464	262 555	
STM D4218	Tensil MD TD Elonga MD TD Carbon	e Strength 206 247 ation at Bro 479 585 n Content	II: 4.5in n at Break 217 256 eak (perc 506	Rate of Sepa (Ibs/ in w 239 240 eent, %) 541 565	aration: 2"/min ridth) 246 262 555	206 242 Gauge Ler 464			n Overall:0.75ii	n,		249 509	9 39	240 464	262 555	

(End of Table 1) (Sheet 1 of 1)





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

Date Received: 3/2/2022

Date Reported: 3/9/2022

TRI Control No.: 161908

Client Sample ID: R#FNA0091850056 L#21KB544

Material Description: 80mil LLDPE Double Sided Microspike

		•					PECIMEN	S							I	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	s)													
	A	Apparatus: De	ad-weight di	al micromete	with gauge	points tapered	at an angle of	60° +/- 2° to	the horizontal	with the tip						
	r	ounded to a r	adius of 0.8+	/-0.1 mm(0.0	31+/-0.004 in), with a specif	ied force of 0.	56+/-0.05 N (2	?+/-0.2 oz)					l		
	L	oading Time.	5 sec Spe	cimen Size: 4	" x 4"											68 min.
		80	81	81	81	81	82	81	80	80	81	81	1	80	82	76 min. ave.
ASTM D792	Specif	fic Gravity	(23/ 23°C	;)												
Method A		0.9365	0.9367									0.9366	0.0001	0.9365	0.9367	0.939 max.
ASTM D6693	Tensile	<u> Propertie</u>	<u>s:</u>											l		
Type IV	7	Test Specimens: Type IV, Width of narrow section:0.25in, Length of narrow section:1.3in, Width Overall:0.75in,												l		
		ength Overa		Rate of Sep		in										
				(lbs/ in w												
	MD	249	221	241	231	241						236	11	221	249	120 min.
	TD	206	257	254	228	253						239	22	206	257	
		ation at Br					ngth = 2.0 i	n.				 .	4-			
	MD	546	510	540	521	539						531	15	510	546	250 min.
	TD	495	604	602	549	593						569	47	495	604	
ASTM D4218	Carbor	n Content												l	l	
43 I W D42 IO	Odiboi															
A31W D4210		Apparatus: M	uffle Furnace	•								2.44	0.01			

(End of Table 2) (Sheet 1 of 1)



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

March 10, 2022

Nikoliya Boyanich

NewFields
9400 Station Street, Suite 300
Long 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) 80mil LLDPE Double Sided Microspike samples.

PROJECT NAME: Cripple Creek & Victor Mine VLF2 Ph 3A DATE REPORTED: March 10, 2022

REFERENCE TRI JOB NO.: CA220187

<u>DATE RECEIVED</u>: March 03, 2022 <u>SAMPLED BY</u>: TRI-CA, AGRU NV

SAMPLE IDENTIFICATIONS:

SAMPLE ID TRI CONTROL NUMBER

R#FNA0091850016 L#DNK810410 161917 R#FNA0091850031 L#DNK810410 161918

TESTS REQUIRED / PERFORMED:

TEST METHOD

1. ASTM D5994

ASTM D6693
 ASTM D792

4. ASTM D4218

DESCRIPTION

Thickness

Tensile Properties
Specific Gravity

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,

Maria Expetia

TRI Environmental, Inc. - California

Maria Espitia Chad Blackwell
Quality Assurance TRI-CA Director

Signatures are on file

DATE: 03/10/2022

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.





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TABLE 1. MATERIAL PROPERTIES

CLIENT: NewFields

PROJECT: Cripple Creek & Victor Mine VLF2 Phase 3A

Date Received: 3/2/2022
Date Reported: 3/10/2022

QC'd By: TRI Job No.: **CA220187**

Client Sample ID: R#FNA0091850016 L#DNK810410

TRI Control No.: 161917

Material Description: 80mil LLDPE Double Sided Microspike

SPECIMENS														Proj.		
		1	2	3	4	5	6	7	8	9	10	Avg.	Std. Dev.	Min	Max	Specs.
/IETHOD	DES	CRIPTIO	N													
STM D5994	Thickr	ness (mils	s)													
	Α	Apparatus: De	ad-weight dial i	micrometer w	ith gauge poir	its tapered at	an angle of 6	0° +/- 2° to th	e horizontal w	ith the tip						
	re	ounded to a r	adius of 0.8+/-0	0.1 mm(0.031	+/-0.004 in), v	rith a specified	d force of 0.56	+/-0.05 N (2+	/-0.2 oz)							
	L	oading Time:	5 sec Specin	men Size: 4" x	· 4"											68 min.
		81	82	81	82	80	80	83	80	83	81	81	1	80	83	76 min. ave
STM D792	Specif	fic Gravity	(23/ 23°C)													
ethod A		0.9323	0.9323									0.9323	0.0000	0.9323	0.9323	0.939 max
STM D6693	<u>Tensile</u>	e Propertie	<u>s:</u>													
ype IV	7	est Specime	ns: Type IV, Wi	dth of narrow	section:0.25ii	n, Length of n	arrow section.	1.3in, Width C	verall:0.75in,							
		ength Overal			aration: 2"/mir	1										
			at Break (I													
	MD	230	256	248	244	217						239	16	217	256	120 min.
	TD	256	282	239	250	264						258	16	239	282	
			eak (percer				ngth = 2.0 i	n.								
	MD	518	552	570	535	527						540	21	518	570	250 min.
	TD	604	647	572	582	617						604	30	572	647	
STM D4218	Carbor	n Content														
	Α	Apparatus: M	uffle Furnace													
		2.38	2.41									2.39	0.02	2.38	2.41	2 - 3

(End of Table 1) (Sheet 1 of 1)





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

Date Received: 3/2/2022
Date Reported: 3/10/2022

QC'd By: _' / ____ TRI Job No.: **CA220187**

Client Sample ID: R#FNA0091850031 L#DNK810410

TRI Control No.: 161918

Material Description: 80mil LLDPE Double Sided Microspike

SPECIMENS													Proj.			
		1	2	3	4	5	6	7	8	9	10	Avg.	Std. Dev.	Min	Max	Specs.
METHOD	DESC	CRIPTIO	N													
ASTM D5994	Thickn	ess (mils	s)													
	A	oparatus: De	ad-weight dial	micrometer	with gauge po	ints tapered a	at an angle of t	60° +/- 2° to	the horizontal	with the tip						
	ro	ounded to a r	adius of 0.8+/-	0.1 mm(0.03	1+/-0.004 in),	with a specifi	ed force of 0.5	6+/-0.05 N (2	+/-0.2 oz)							
	Lo	pading Time:	5 sec Specia	imen Size: 4"	x 4"											68 min.
		84	83	81	80	81	82	81	83	80	83	82	1	80	84	76 min. ave.
ASTM D792	Specif	ic Gravity	(23/ 23°C)													
/lethod A		0.9363	0.9364									0.9363	0.0000	0.9363	0.9364	0.939 max.
STM D6693	<u>Tensile</u>	Propertie	<u>s:</u>													
ype IV	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															
			at Break (_			
	MD	221	230	234	230	245						232	9	221	245	120 min.
	TD	286	223	272	271	246						260	25	223	286	
	Elonga		eak (perce				ngth = 2.0 i	n.								
	MD	513	501	514	428	546						500	44	428	546	250 min.
	TD	660	536	633	622	570						604	50	536	660	
STM D4218	Carbon	Content														
	A	pparatus: M	uffle Furnace													
			2.42									2.42	0.01			

(End of Table 2) (Sheet 1 of 1)



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

March 10, 2022

Nikoliya Boyanich **NewFields** 9400 Station Street, Suite 300 Long 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) 80mil LLDPE Double Sided Microspike sample.

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

REFERENCE TRI JOB NO.: CA220188

DATE RECEIVED: March 03, 2022

SAMPLED BY: TRI-CA, AGRU NV

SAMPLE IDENTIFICATIONS:

SAMPLE ID

R#FNA0091850071 L#21KB544

TESTS REQUIRED / PERFORMED:

TEST METHOD

1 ASTM D5994

ASTM D6693
 ASTM D792

4. ASTM D4218

Initial: *evz* #:0.13
DATE: 03/10/2022

DATE REPORTED: March 10, 2022

TRI CONTROL NUMBER

161919

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,

Maria Expetia

TRI Environmental, Inc. - California

Maria Espitia Chad Blackwell
Quality Assurance TRI-CA Directo

TRI-CA Director Signatures are on file

It shall be noted that the sample tested is 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.





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TABLE 1. MATERIAL PROPERTIES

CLIENT: NewFields

PROJECT: Cripple Creek & Victor Mine VLF2 Phase 3A

Date Received: 3/3/2022
Date Reported: 3/10/2022

TRI Job No.: **CA220188**

Client Sample ID: R#FNA0091850071 L#21KB544

TRI Control No.: 161919

Material Description: 80mil LLDPE Double Sided Microspike

						Š	PECIMEN	S								Proj.
		1	2	3	4	5	6	7	8	9	10	Avg.	Std. Dev.	Min	Max	Specs.
METHOD	DES	CRIPTIC	N													
ASTM D5994	Thickr	ness (mils	s)													
	Α	Apparatus: De	ead-weight dial	micrometer w	rith gauge poir	nts tapered at	an angle of 6	0° +/- 2° to th	e horizontal w	ith the tip						
	re	ounded to a r	radius of 0.8+/-	0.1 mm(0.031	+/-0.004 in), w	vith a specified	d force of 0.56	6+/-0.05 N (2+	/-0.2 oz)							
	L	oading Time.	: 5 sec Speci	men Size: 4" x	κ 4"											68 min.
		82	82	82	82	80	81	81	80	80	80	81	1	80	82	76 min. ave.
ASTM D792	Specif	fic Gravity	(23/ 23°C)													
lethod A		0.9385	0.9385									0.9385	0.0000	0.9385	0.9385	0.939 max.
STM D6693	<u>Tensile</u>	<u>Propertie</u>	<u>es:</u>													
pe IV	Test Specimens: Type IV, Width of narrow section:0.25in, Length of narrow section:1.3in, Width Overall:0.75in,															
		ength Overa			aration: 2"/mir)										
			at Break (
	MD	232	236	249	214	236						233	12	214	249	120 min.
	TD	249	261	248	242	235						247	10	235	261	
			eak (perce				ngth = 2.0 i	in.								
	MD	541	533	555	481	535						529	28	481	555	250 min.
	TD	584	627	575	591	566						588	24	566	627	
STM D4218	Carbor	n Content												l		
	Α	hpparatus: M	luffle Furnace													
		2.36	2.31									2.33	0.04	2.31	2.36	2 - 3

(End of Table 1) (Sheet 1 of 1)



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March 11, 2022

Nikoliya Boyanich

NewFields
9400 Station Street, Suite 300
Long 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) 80mil LLDPE Double Sided Microspike samples.

PROJECT NAME: Cripple Creek & Victor Mine VLF2 Ph 3A DATE REPORTED: March 11, 2022

REFERENCE TRI JOB NO.: CA220196

DATE RECEIVED: March 04, 2022

SAMPLED BY: TRI-CA, AGRU NV

SAMPLE IDENTIFICATIONS:

SAMPLE ID TRI CONTROL NUMBER

R#FNA0091850087 L#21KB544 161949 R#FNA0091850102 L#21KB544 161950

TESTS REQUIRED / PERFORMED:

TEST METHOD

1. ASTM D5994

ASTM D6693
 ASTM D792

4. ASTM D4218

DESCRIPTION

Thickness

Tensile Properties
Specific Gravity

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,

Maria Expetia

TRI Environmental, Inc. - California

Maria Espitia Chad Blackwell
Quality Assurance TRI-CA Director

Signatures are on file

DATE: 03/11/2022

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.





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TABLE 1.

MATERIAL PROPERTIES

CLIENT: NewFields

PROJECT: Cripple Creek & Victor Mine VLF2 Phase 3A

Date Received: 3/4/2022
Date Reported: 3/11/2022

TRI Job No.: **CA220196**

Client Sample ID: R#FNA0091850087 L#21KB544

TRI Control No.: 161949

Material Description: 80mil LLDPE Double Sided Microspike

						S	PECIMEN:	S								Proj.
		1	2	3	4	5	6	7	8	9	10	Avg.	Std. Dev.	Min	Max	Specs.
METHOD	DESC	RIPTIO	N													
ASTM D5994	Thickne	ess (mils	s)													
	Αp	paratus: De	ad-weight dial	micrometer w	ith gauge poil	nts tapered at a	an angle of 60	° +/- 2° to th	e horizontal wi	th the tip						
	ro	unded to a r	adius of 0.8+/-	0.1 mm(0.031	+/-0.004 in), v	vith a specified	force of 0.56	+/-0.05 N (2+/	/-0.2 oz)							
	Lo	ading Time:	5 sec Specia	men Size: 4" x	· 4"											68 min.
		81	80	81	80	82	81	81	83	80	81	81	1	80	83	76 min. ave.
ASTM D792	Specifi	c Gravity	(23/ 23°C)													
/lethod A		0.9385	0.9383									0.9384	0.0001	0.9383	0.9385	0.939 max.
ASTM D6693	<u>Tensile</u>	<u>Propertie</u>	<u>s:</u>													
Гуре IV	Test Specimens: Type IV, Width of narrow section:0.25in, Length of narrow section:1.3in, Width Overall:0.75in,															
		ngth Overal			aration: 2"/mir	7										
			at Break										4.			
	MD	242	230	223	245	212						231	14	212	245	120 min.
	TD	272	261	259	254	251		-				260	8	251	272	
	Elonga MD		eak (perce		E04	Gauge Ler	1gtn = 2.0 i	n.				E20	12			050!
	TD	523	546 618	534 604	521 619	515 504						528 615	18	515	546	250 min.
ASTM D4218		640 Content	010	004	019	594						619	10	594	640	
31W D4210			#I.a. F													
	Ap	2.47	uffle Furnace 2.40									2.43	0.05	2.40	2,47	2 - 3

(End of Table 1) (Sheet 1 of 1)





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

TABLE 2.

MATERIAL PROPERTIES

SPECIMENS

CLIENT: NewFields

PROJECT: Cripple Creek & Victor Mine VLF2 Phase 3A

Date Received: 3/4/2022 Date Reported: 3/11/2022

Client Sample ID: R#FNA0091850102 L#21KB544

Material Description: 80mil LLDPE Double Sided Microspike

TRI Control No.: 161950

					3	PECIMENS	•								Proj.
	1	2	3	4	5	6	7	8	9	10	Avg.	Std. Dev.	Min	Max	Specs.
METHOD	DESCRIPT	ION													
STM D5994	Thickness (mils)													
	Apparatus	: Dead-weight dial	micrometer w	ith gauge poin	ts tapered at a	an angle of 60°	+/- 2° to the	horizontal wit	th the tip						
		a radius of 0.8+/-				-			•						
		me: 5 sec Speci		, ,											68 min.
	81	82	80	81	81	83	81	83	81	81	81	1	80	83	76 min. ave
STM D792	Specific Grav	ity (23/ 23°C))						- -			-			
lethod A	0.9321	<i>,</i> , , , , , , , , , , , , , , , , , ,	,								0.9320	0.0001	0.9320	0.9321	0.939 max
STM D6693	Tensile Prope										1		0.00_0	0.002	
ype IV		imens: Type IV, W	/idth of narrow	section:0 25ii	l ength of na	rrow section:1	3in Width O	verall:0 75in							
71		erall: 4.5in		aration: 2"/mii			,								
	•	gth at Break	•												
	MD 236	218	253	213	226						229	16	213	253	120 min.
	TD 249	268	268	253	259						259	9	249	268	
		Drook (norse	ent. %)		Gauge Lei	ngth = 2.0 ir	٦.								
	Elongation at	break (perce				9					522	22	492	550	250 min.
	Elongation at MD 512	528	550	528	492						322		434		250 IIIIII.
				528 599	492 609						613	19	591	633	250 111111.
STM D4218	MD 512	528 633	550												250 111111.
STM D4218	MD 512 TD 591 Carbon Conte	528 633	550												250 IIIIII.

(End of Table 2) (Sheet 1 of 1)





MANUFACTURING QA IN-PLANT SAMPLING/INSPECTION REPORT

Project Name: Cripple Creek & Victor Mine VLF2 Ph 3A	TYPE OF MQA: LEVEL (2)	QA by:	Maria Expitia
Material: 80mil LLDPE Microspike	SAMPLING FREQUENCY: 1/150,000 sq.ft.		
Manufacturer: AGRU SO#16473			

	Location: NV									
No.	Roll #	Lot#	Length (ft.)	Width (ft.)	Area (ft²)	Date Manufactured	Sampled by	Date Sampled	Date Received	Reference Job No/ Control No
1	FND0103600003	DPF811480	410	23	9430	9/9/2022	TRI-CA	9/13/2022	9/15/2022	CA221090 C#166764
2	FND0103600004	DPF811480	410	23	9430	9/9/2022				
3	FND0103600005	DPF811480	410	23	9430	9/9/2022				
4	FND0103600006	DPF811480	410	23	9430	9/9/2022				
5	FND0103600007	DPF811480	410	23	9430	9/9/2022				
6	FND0103600008	DPF811480	410	23	9430	9/10/2022				
7	FND0103600009	DPF811480	410	23	9430	9/10/2022				
8	FND0103600010	DPF811480	410	23	9430	9/10/2022				
9	FND0103600011	DPF811480	410	23	9430	9/10/2022				
10	FND0103600012	DPF811480	410	23	9430	9/10/2022				
11	FND0103600013	DPF811480	410	23	9430	9/10/2022				
12	FND0103600014	DPF811480	410	23	9430	9/10/2022				
13	FND0103600015	DPF811480	410	23	9430	9/10/2022				
14	FND0103600016	DPF811480	410	23	9430	9/10/2022				
15	FND0103600017	DPF811480	410	23	9430	9/10/2022				
16	FND0103600018	DPF811480	410	23	9430	9/10/2022	TRI-CA	9/13/2022	9/15/2022	CA221090 C#166765
17	FND0103600019	DPF811480	410	23	9430	9/10/2022				
18	FND0103600020	DPF811480	410	23	9430	9/10/2022				
19	FND0103600021	DPF811480	410	23	9430	9/10/2022				
20	FND0103600022	DPF811480	410	23	9430	9/11/2022				
21	FND0103600023	DPF811480	410	23	9430	9/11/2022				
22	FND0103600024	DPF811480	410	23	9430	9/11/2022				
23	FND0103600025	DPF811480	410	23	9430	9/11/2022				
24	FND0103600026	DPF811480	410	23	9430	9/11/2022				
25	FND0103600027	DPF811480	410	23	9430	9/11/2022				
26	FND0103600028	DPF811480	410	23	9430	9/11/2022				
27	FND0103600029	DPF811480	410	23	9430	9/11/2022				
28	FND0103600030	DPF811480	410	23	9430	9/11/2022				





MANUFACTURING QA IN-PLANT SAMPLING/INSPECTION REPORT

Project Name: Cripple Creek & Victor Mine VLF2 Ph 3A	TYPE OF MQA: LEVEL (2)	_ QA by:	
Material: 80mil LLDPE Microspike	SAMPLING FREQUENCY: 1/150,000 sq.ft.		
Manufacturer: AGRILSO#16473			

	Location: NV									
No.	Roll #	Lot#	Length (ft.)	Width (ft.)	Area (ft²)	Date Manufactured	Sampled by	Date Sampled	Date Received	Reference Job No/ Control No
29	FND0103600031	DPF811480	410	23	9430	9/11/2022				
30	FND0103600032	DPF811480	410	23	9430	9/11/2022				
31	FND0103600033	DPF811480	410	23	9430	9/11/2022	TRI-CA	9/13/2022	9/15/2022	CA221090 C#166766
32	FND0103600034	DPF811480	410	23	9430	9/11/2022				
33	FND0103600035	DPF811480	410	23	9430	9/11/2022				
34	FND0103600036	DPF811480	410	23	9430	9/11/2022				
35	FND0103600037	DPF811480	410	23	9430	9/12/2022				
36	FND0103600038	DPF811480	410	23	9430	9/12/2022				
37	FND0103600039	DPF811480	410	23	9430	9/12/2022				
38	FND0103600040	DPF811480	410	23	9430	9/12/2022				
39	FND0103600041	DPF811480	410	23	9430	9/12/2022				
40	FND0103600042	DPF811480	410	23	9430	9/12/2022				
41	FND0103600043	DPF811480	410	23	9430	9/12/2022				
42	FND0103600044	DPF811480	410	23	9430	9/12/2022				
43	FND0103600045	DPF811480	410	23	9430	9/12/2022				
44	FND0103600046	DPF811480	410	23	9430	9/12/2022				
45	FND0103600047	DPF811480	410	23	9430	9/12/2022				
46	FND0103600048	DPF811480	410	23	9430	9/12/2022	TRI-CA	9/13/2022	9/15/2022	CA221090 C#166767
47	FND0103600049	DPF811480	410	23	9430	9/12/2022				
48	FND0103600050	DPF811480	410	23	9430	9/12/2022				
49	FND0103600051	DPF811480	410	23	9430	9/12/2022				
50	FND0103600052	DPF811480	410	23	9430	9/13/2022				
51	FND0103600053	DPF811480	410	23	9430	9/13/2022				
52	FND0103600054	DPF811480	410	23	9430	9/13/2022				
53	FND0103600055	DPF811480	410	23	9430	9/13/2022				
54	FND0103600056	DPF811480	410	23	9430	9/13/2022				
55	FND0103600057	DPF811480	410	23	9430	9/13/2022				
56	FND0103600058	DPF811480	410	23	9430	9/13/2022				





MANUFACTURING QA IN-PLANT SAMPLING/INSPECTION REPORT

Project Name: Cripple Creek & Victor Mine VLF2 Ph 3A	TYPE OF MQA: LEVEL (2)	_ QA by:	
Material: 80mil LLDPE Microspike	SAMPLING FREQUENCY: 1/150,000 sq.ft.		
Manufacturer: AGRU SO#16473			

	Location: NV									
No.	Roll#	Lot#	Length (ft.)	Width (ft.)	Area (ft²)	Date Manufactured	Sampled by	Date Sampled	Date Received	Reference Job No/ Control No
57	FND0103600059	DPF811480	410	23	9430	9/13/2022				
58	FND0103600060	DPF811480	410	23	9430	9/13/2022				
59	FND0103600061	DPF811480	410	23	9430	9/13/2022				
60	FND0103600062	DPF811480	410	23	9430	9/13/2022				
61	FND0103600063	DPF811480	410	23	9430	9/13/2022	TRI-CA	9/14/2022	9/16/2022	CA221097 C#166807
62	FND0103600064	DPF811480	410	23	9430	9/13/2022				
				Sub Total ft ² =	584660					
63	FND0103600065	DPH810510	410	23	9430	9/13/2022				
64	FND0103600066	DPH810510	410	23	9430	9/14/2022				
65	FND0103600067	DPH810510	410	23	9430	9/14/2022				
66	FND0103600068	DPH810510	410	23	9430	9/14/2022				
67	FND0103600069	DPH810510	410	23	9430	9/14/2022				
68	FND0103600070	DPH810510	410	23	9430	9/14/2022				
69	FND0103600071	DPH810510	410	23	9430	9/14/2022				
70	FND0103600072	DPH810510	410	23	9430	9/14/2022				
71	FND0103600073	DPH810510	410	23	9430	9/14/2022				
				Sub Total ft ² =	84870					
72	FND0103600074	DPF811480	410	23	9430	9/14/2022				
73	FND0103600075	DPF811480	410	23	9430	9/14/2022				
74	FND0103600076	DPF811480	410	23	9430	9/14/2022				
75	FND0103600077	DPF811480	410	23	9430	9/14/2022				
				Sub Total ft ² =	37720					
76	FND0103600078	DPF811350	410	23	9430	9/14/2022	TRI-CA	9/16/2022	9/21/2022	CA221120 C#166946
77	FND0103600079	DPF811350	410	23	9430	9/14/2022				
78	FND0103600080	DPF811350	410	23	9430	9/14/2022				
79	FND0103600081	DPF811350	410	23	9430	9/15/2022				
80	FND0103600082	DPF811350	410	23	9430	9/15/2022				
81	FND0103600083	DPF811350	410	23	9430	9/15/2022				





MANUFACTURING QA IN-PLANT SAMPLING/INSPECTION REPORT

Project Name: Cripple Creek & Victor Mine VLF2 Ph 3A	TYPE OF MQA: LEVEL (2)	QA by:	Maria Expetia
Material: 80mil LLDPE Microspike	SAMPLING FREQUENCY: 1/150,000 sq.ft.		
Manufacturer: ACRU SO#16473			

	Location: NV									
No.	Roll #	Lot#	Length (ft.)	Width (ft.)	Area (ft²)	Date Manufactured	Sampled by	Date Sampled	Date Received	Reference Job No/ Control No
82	FND0103600084	DPF811350	410	23	9430	9/15/2022				
83	FND0103600085	DPF811350	410	23	9430	9/15/2022				
84	FND0103600087	DPF811350	410	23	9430	9/15/2022				
85	FND0103600088	DPF811350	410	23	9430	9/15/2022				
86	FND0103600089	DPF811350	410	23	9430	9/15/2022				
87	FND0103600090	DPF811350	410	23	9430	9/15/2022				
88	FND0103600091	DPF811350	410	23	9430	9/16/2022				
89	FND0103600092	DPF811350	410	23	9430	9/16/2022				
90	FND0103600093	DPF811350	410	23	9430	9/16/2022				
91	FND0103600094	DPF811350	410	23	9430	9/16/2022	TRI-CA	9/20/2022	9/22/2022	CA221122 C#166950
				Sub Total ft ² =	150880					
92	FND0103600095	DPH810510	410	23	9430	9/16/2022				
93	FND0103600096	DPH810510	410	23	9430	9/16/2022				
94	FND0103600097	DPH810510	410	23	9430	9/16/2022				
95	FND0103600098	DPH810510	410	23	9430	9/16/2022				
96	FND0103600099	DPH810510	410	23	9430	9/16/2022				
97	FND0103600100	DPH810510	410	23	9430	9/16/2022				
98	FND0103600101	DPH810510	410	23	9430	9/16/2022				
99	FND0103600102	DPH810510	410	23	9430	9/16/2022				
100	FND0103600103	DPH810510	410	23	9430	9/16/2022				
101	FND0103600106	DPH810510	410	23	9430	9/17/2022				
102	FND0103600107	DPH810510	410	23	9430	9/17/2022				
103	FND0103600108	DPH810510	410	23	9430	9/17/2022				
104	FND0103600109	DPH810510	410	23	9430	9/17/2022				
105	FND0103600110	DPH810510	410	23	9430	9/17/2022				
106	FND0103600111	DPH810510	410	23	9430	9/17/2022	TRI-CA	9/20/2022	9/22/2022	CA221122 C#166951
107	FND0103600112	DPH810510	410	23	9430	9/17/2022				
108	FND0103600114	DPH810510	410	23	9430	9/17/2022				





MANUFACTURING QA IN-PLANT SAMPLING/INSPECTION REPORT

Project Name: Cripple Creek & Victor Mine VLF2 Ph 3A	TYPE OF MQA: LEVEL (2)	QA by:	Maria Expitia
Material: 80mil LLDPE Microspike	SAMPLING FREQUENCY: 1/150,000 sq.ft.		
Manufacturer: AGRU SO#16473			

	Location: NV									
No.	Roll #	Lot#	Length (ft.)	Width (ft.)	Area (ft²)	Date Manufactured	Sampled by	Date Sampled	Date Received	Reference Job No/ Control No
109	FND0103600115	DPH810510	410	23	9430	9/17/2022				
110	FND0103600116	DPH810510	410	23	9430	9/17/2022				
111	FND0103600117	DPH810510	410	23	9430	9/17/2022				
112	FND0103600118	DPH810510	410	23	9430	9/17/2022				
113	FND0103600119	DPH810510	410	23	9430	9/17/2022				
114	FND0103600120	DPH810510	410	23	9430	9/17/2022				
115	FND0103600121	DPH810510	410	23	9430	9/18/2022				
116	FND0103600122	DPH810510	410	23	9430	9/18/2022				
117	FND0103600123	DPH810510	410	23	9430	9/18/2022				
118	FND0103600124	DPH810510	410	23	9430	9/18/2022				
119	FND0103600125	DPH810510	410	23	9430	9/18/2022				
120	FND0103600126	DPH810510	410	23	9430	9/18/2022				
121	FND0103600127	DPH810510	410	23	9430	9/18/2022	TRI-CA	9/20/2022	9/22/2022	CA221122 C#166952
122	FND0103600128	DPH810510	410	23	9430	9/18/2022				
123	FND0103600129	DPH810510	410	23	9430	9/18/2022				
124	FND0103600130	DPH810510	410	23	9430	9/18/2022				
125	FND0103600131	DPH810510	410	23	9430	9/18/2022				
126	FND0103600132	DPH810510	410	23	9430	9/18/2022				
127	FND0103600133	DPH810510	410	23	9430	9/18/2022				
128	FND0103600134	DPH810510	410	23	9430	9/18/2022				
129	FND0103600135	DPH810510	410	23	9430	9/19/2022				
130	FND0103600136	DPH810510	410	23	9430	9/19/2022				
131	FND0103600137	DPH810510	410	23	9430	9/19/2022				
132	FND0103600138	DPH810510	410	23	9430	9/19/2022				
133	FND0103600139	DPH810510	410	23	9430	9/19/2022				
134	FND0103600140	DPH810510	410	23	9430	9/19/2022				
135	FND0103600141	DPH810510	410	23	9430	9/19/2022				
136	FND0103600142	DPH810510	410	23	9430	9/19/2022	TRI-CA	9/20/2022	9/22/2022	CA221122 C#166953





MANUFACTURING QA IN-PLANT SAMPLING/INSPECTION REPORT

Project Name: Cripple Creek & Victor Mine VLF2 Ph 3A	TYPE OF MQA: LEVEL (2)	QA by: _	Maria Expitia
Material: 80mil LLDPE Microspike	SAMPLING FREQUENCY: 1/150,000 sq.ft.		
Manufacturer: AGRU SO#16473			

	ocation: NV		Length	Width	Area	Date	Sampled	Date	Date	Reference Job No/
No.	Roll#	Lot#	(ft.)	(ft.)	(ft²)	Manufactured	by	Sampled	Received	Control No
137	FND0103600143	DPH810510	410	23	9430	9/19/2022				
138	FND0103600144	DPH810510	410	23	9430	9/19/2022				
139	FND0103600145	DPH810510	410	23	9430	9/19/2022				
140	FND0103600146	DPH810510	410	23	9430	9/19/2022				
141	FND0103600147	DPH810510	410	23	9430	9/19/2022				
142	FND0103600148	DPH810510	410	23	9430	9/19/2022				
143	FND0103600149	DPH810510	410	23	9430	9/19/2022				
144	FND0103600150	DPH810510	410	23	9430	9/20/2022				
145	FND0103600151	DPH810510	410	23	9430	9/20/2022				
146	FND0103600152	DPH810510	410	23	9430	9/20/2022				
147	FND0103600153	DPH810510	410	23	9430	9/20/2022				
148	FND0103600154	DPH810510	410	23	9430	9/20/2022				
149	FND0103600155	DPH810510	410	23	9430	9/20/2022				
150	FND0103600156	DPH810510	410	23	9430	9/20/2022				
151	FND0103600157	DPH810510	410	23	9430	9/20/2022	TRI-CA	9/22/2022	9/26/2022	CA221132 C#166984
152	FND0103600158	DPH810510	410	23	9430	9/20/2022				
153	FND0103600159	DPH810510	410	23	9430	9/20/2022				
154	FND0103600160	DPH810510	410	23	9430	9/20/2022				
155	FND0103600161	DPH810510	410	23	9430	9/20/2022				
156	FND0103600162	DPH810510	410	23	9430	9/20/2022				
157	FND0103600163	DPH810510	410	23	9430	9/20/2022				
158	FND0103600164	DPH810510	410	23	9430	9/21/2022				
159	FND0103600165	DPH810510	410	23	9430	9/21/2022				
160	FND0103600166	DPH810510	410	23	9430	9/21/2022				
161	FND0103600167	DPH810510	410	23	9430	9/21/2022				
162	FND0103600168	DPH810510	410	23	9430	9/21/2022				
163	FND0103600169	DPH810510	410	23	9430	9/21/2022				
164	FND0103600170	DPH810510	410	23	9430	9/21/2022				





MANUFACTURING QA IN-PLANT SAMPLING/INSPECTION REPORT

Project Name: Cripple Creek & Victor Mine VLF2 Ph 3A	TYPE OF MQA: LEVEL (2)	QA by:	Maria Expetia
Material: 80mil LLDPE Microspike	SAMPLING FREQUENCY: 1/150,000 sq.ft.		
Manufacturer: ACRU SO#16473			

	Location: NV									
No.	Roll #	Lot#	Length (ft.)	Width (ft.)	Area (ft²)	Date Manufactured	Sampled by	Date Sampled	Date Received	Reference Job No/ Control No
165	FND0103600171	DPH810510	410	23	9430	9/21/2022				
166	FND0103600173	DPH810510	410	23	9430	9/21/2022	TRI-CA	9/22/2022	9/26/2022	CA221132 C#166985
167	FND0103600174	DPH810510	410	23	9430	9/21/2022				
168	FND0103600175	DPH810510	410	23	9430	9/21/2022				
169	FND0103600176	DPH810510	410	23	9430	9/21/2022				
170	FND0103600177	DPH810510	410	23	9430	9/21/2022				
171	FND0103600178	DPH810510	410	23	9430	9/21/2022				
172	FND0103600179	DPH810510	410	23	9430	9/22/2022				
173	FND0103600180	DPH810510	410	23	9430	9/22/2022				
174	FND0103600181	DPH810510	410	23	9430	9/22/2022				
175	FND0103600182	DPH810510	410	23	9430	9/22/2022				
176	FND0103600183	DPH810510	410	23	9430	9/22/2022				
177	FND0103600184	DPH810510	410	23	9430	9/22/2022				
178	FND0103600185	DPH810510	410	23	9430	9/22/2022				
179	FND0103600186	DPH810510	410	23	9430	9/22/2022				
180	FND0103600187	DPH810510	410	23	9430	9/22/2022				
ļ				Sub Total ft ² =	839270					
181	FND0103600188	DPH810490	410	23	9430	9/22/2022	TRI-CA	9/23/2022	9/27/2022	CA221140 C#167063
182	FND0103600189	DPH810490	410	23	9430	9/22/2022				
183	FND0103600190	DPH810490	410	23	9430	9/22/2022				
184	FND0103600191	DPH810490	410	23	9430	9/22/2022				
185	FND0103600192	DPH810490	410	23	9430	9/22/2022				
186	FND0103600193	DPH810490	410	23	9430	9/22/2022				
187	FND0103600194	DPH810490	410	23	9430	9/23/2022				
188	FND0103600195	DPH810490	410	23	9430	9/23/2022				
189	FND0103600196	DPH810490	410	23	9430	9/23/2022				
190	FND0103600197	DPH810490	410	23	9430	9/23/2022				
191	FND0103600198	DPH810490	410	23	9430	9/23/2022				





MANUFACTURING QA IN-PLANT SAMPLING/INSPECTION REPORT

Project Name: Cripple Creek & Victor Mine VLF2 Ph 3A	TYPE OF MQA: LEVEL (2)	QA by:	Maria Expitia
Material: 80mil LLDPE Microspike	SAMPLING FREQUENCY: 1/150,000 sq.ft.		
Manufacturer: AGRU SO#16473			

	Location: NV									
No.	Roll#	Lot#	Length (ft.)	Width (ft.)	Area (ft²)	Date Manufactured	Sampled by	Date Sampled	Date Received	Reference Job No/ Control No
192	FND0103600199	DPH810490	410	23	9430	9/23/2022				
193	FND0103600200	DPH810490	410	23	9430	9/23/2022				
194	FND0103600201	DPH810490	410	23	9430	9/23/2022				
195	FND0103600202	DPH810490	410	23	9430	9/23/2022				
196	FND0103600203	DPH810490	410	23	9430	9/23/2022	TRI-CA	9/26/2022	9/28/2022	CA221145 C#167080
197	FND0103600204	DPH810490	410	23	9430	9/23/2022				
198	FND0103600205	DPH810490	410	23	9430	9/23/2022				
199	FND0103600206	DPH810490	410	23	9430	9/23/2022				
200	FND0103600207	DPH810490	410	23	9430	9/23/2022				
201	FND0103600208	DPH810490	410	23	9430	9/23/2022				
202	FND0103600209	DPH810490	410	23	9430	9/24/2022				
203	FND0103600210	DPH810490	410	23	9430	9/24/2022				
204	FND0103600211	DPH810490	410	23	9430	9/24/2022				
205	FND0103600212	DPH810490	410	23	9430	9/24/2022				
206	FND0103600213	DPH810490	410	23	9430	9/24/2022				
207	FND0103600214	DPH810490	410	23	9430	9/24/2022				
208	FND0103600215	DPH810490	410	23	9430	9/24/2022				
209	FND0103600216	DPH810490	410	23	9430	9/24/2022				
210	FND0103600217	DPH810490	410	23	9430	9/24/2022				
211	FND0103600218	DPH810490	410	23	9430	9/24/2022	TRI-CA	9/26/2022	9/28/2022	CA221145 C#167081
212	FND0103600219	DPH810490	410	23	9430	9/24/2022				
213	FND0103600220	DPH810490	410	23	9430	9/24/2022				
214	FND0103600222	DPH810490	410	23	9430	9/24/2022				
215	FND0103600223	DPH810490	410	23	9430	9/25/2022				
216	FND0103600224	DPH810490	410	23	9430	9/25/2022				
217	FND0103600225	DPH810490	410	23	9430	9/25/2022				
218	FND0103600226	DPH810490	410	23	9430	9/25/2022				
219	FND0103600227	DPH810490	410	23	9430	9/25/2022				





MANUFACTURING QA IN-PLANT SAMPLING/INSPECTION REPORT

Project Name:	Cripple Creek & Victor Mine VLF2 Ph 3A	TYPE OF MQA:	LEVEL (2)	QA by:	Maria Expitia
Material:	80mil LLDPE Microspike	SAMPLING FREQUENCY:	1/150,000 sq.ft.		
Manufacturer:	AGRU SO#16473				

		1								
No.	Roll #	Lot#	Length (ft.)	Width (ft.)	Area (ft²)	Date Manufactured	Sampled by	Date Sampled	Date Received	Reference Job No/ Control No
220	FND0103600228	DPH810490	410	23	9430	9/25/2022				
221	FND0103600229	DPH810490	410	23	9430	9/25/2022				
222	FND0103600230	DPH810490	410	23	9430	9/25/2022				
223	FND0103600231	DPH810490	410	23	9430	9/25/2022				
224	FND0103600232	DPH810490	410	23	9430	9/25/2022				
225	FND0103600233	DPH810490	410	23	9430	9/25/2022				
226	FND0103600234	DPH810490	410	23	9430	9/25/2022				
227	FND0103600235	DPH810490	410	23	9430	9/25/2022				
228	FND0103600236	DPH810490	410	23	9430	9/25/2022				
229	FND0103600237	DPH810490	410	23	9430	9/25/2022				
230	FND0103600238	DPH810490	410	23	9430	9/26/2022				
		Sub Total ft ² =	471500							
				TOTAL ft ² =	2,168,900					



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

DATE: 09/21/2022

DATE REPORTED: September 21, 2022

September 21, 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 four (4) 80mil LLDPE Double Sided Microspike samples.

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

REFERENCE TRI JOB NO.: CA221090

DATE RECEIVED: September 15, 2022

SAMPLED BY: TRI-CA at AGRU, NV

SAMPLE IDENTIFICATIONS:

SAMPLE ID TRI CONTROL NUMBER

R#FND0103600003 L#DPF811480 166764 R#FND0103600018 L#DPF811480 166765 R#FND0103600033 L#DPF811480 166766 R#FND0103600048 L#DPF811480 166767

TESTS REQUIRED / PERFORMED:

TEST METHOD

DESCRIPTION Thickness

1 ASTM D5994

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 4.

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,

Maria Expetio

TRI Environmental, Inc. - California

Maria Espitia Chad Blackwell

Quality Assurance 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.





TRI Control No.: 166764

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: 9/15/2022

Date Reported: 9/21/2022

TRI Job No.: CA221090

Client Sample ID: R#FND0103600003 L#PDF811480
Material Description: 80mil LLDPE Double Sided Microspike

		•					PECIMENS									Proj.
		1	2	3	4	5	6	7	8	9	10	Avg.	Std. Dev.	Min	Max	Specs.
METHOD	DESC	RIPTIO	N													
ASTM D5994	Thicknes	ss (mils)													
	App	aratus: Dea	ad-weight dial i	micrometer wi	th gauge po	nts tapered at a	an angle of 60°	+/- 2° to the	horizontal wi	th the tip						
	rour	nded to a ra	dius of 0.8+/-0	0.1 mm(0.031-	⊦/-0.004 in),	with a specified	force of 0.56+/-	-0.05 N (2+/-	0.2 oz)							
	Load	ding Time:	5 sec Specin	nen Size: 4" x						68 min.						
		80	81	84	82	81	85	80	80	82	80	81	2	80	85	76 min. ave.
ASTM D792	Specific	Gravity	(23/ 23°C)													
Method A	0.	.9366	0.9364									0.9365	0.0001	0.9364	0.9366	0.939 max.
ASTM D6693	Tensile P	roperties	<u>s:</u>													
Type IV	Test	t Specimen	s: Type IV, Wi	dth of narrow	section:0.25	in, Length of na	errow section:1.3	3in, Width Ov	erall:0.75in,							
	•	gth Overall:		Rate of Sepa		in										
	Tensile Strength at Break (lbs/ in width)															
		235	226	241	251	244						240	10	226	251	120 min.
	TD	283	265	249	246	279						265	17	246	283	
	Elongation	on at Bre	ak (perce	nt, %)		Gauge Lei	ngth = 2.0 in									
	MD	513	480	519	548	533						519	25	480	548	250 min.
	TD	641	604	582	576	639						608	31	576	641	
ASTM D4218	Carbon C	Content														
	App	aratus: Mu	ffle Furnace													
		2.46	2.43									2.44	0.02	2.43	2.46	2 - 3

(End of Table 1) (Sheet 1 of 1)





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

TABLE 2. MATERIAL PROPERTIES

CLIENT: NewFields

CDECIMENS

PROJECT: Cripple Creek & Victor Mine VLF2 Phase 3A

Date Received: 9/15/2022
Date Reported: 9/21/2022

QC'd By: | Was CA221090

Client Sample ID: R#FND0103600018 L#PDF811480
Material Description: 80mil LLDPE Double Sided Microspike

TRI Control No.: 166765

	SPECIMENS											Proj.			
	1	2	3	4	5	6	7	8	9	10	Avg.	Std. Dev.	Min	Max	Specs.
METHOD	DESCRIPTION	ON													
ASTM D5994	Thickness (mil	s) ead-weight dial	micrometer w	ith gauge poi	nts tapered at a	nn angle of 60	° +/- 2° to the	e horizontal wi	th the tip						
	rounded to a	radius of 0.8+/-0	0.1 mm(0.031	+/-0.004 in), v	with a specified	force of 0.56	+/-0.05 N (2+/-	-0.2 oz)							
	Loading Time	: 5 sec Specir	nen Size: 4" x	4"											68 min.
	83	83	84	80	83	81	81	81	82	81	82	1	80	84	76 min. ave.
ASTM D792	Specific Gravity	(23/ 23°C)													
Method A	0.9377	0.9373									0.9375	0.0003	0.9373	0.9377	0.939 max.
ASTM D6693	Tensile Propertie	es:													
ype IV	Test Specime	ens: Type IV, Wi	dth of narrow	section:0.25i	in, Length of na	rrow section:	1.3in, Width O	verall:0.75in,							
	Length Overa	ıll: 4.5in	Rate of Sepa	aration: 2"/mi	in										
	Tensile Strengtl	n at Break (lbs/ in wid	dth)											
	MD 234	251	233	221	239						236	11	221	251	120 min.
	TD 260	266	256	267	262						262	4	256	267	
	Elongation at B	reak (perce	nt, %)		Gauge Ler	ngth = 2.0 i	n.								
	MD 525	564	513	494	526						524	26	494	564	250 min.
	TD 604	602	580	610	593						598	11	580	610	
\STM D4218	Carbon Content														
ASTM D4218		Auffle Furnace													

(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.

TD- TRANSVERSE DIRECTION





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

Date Received: 9/15/2022
Date Reported: 9/21/2022

TRI Job No.: **CA221090**

Client Sample ID: R#FND0103600033 L#PDF811480

TRI Control No.: 166766

Material Description: 80mil LLDPE Double Sided Microspike

	SPECIMENS											Proj.			
	1	1 2 3 4 5 6 7 8 9 10 Avg. Std. Dev. Min Max										Max	Specs.		
METHOD	DESCRIPTION	ON													
ASTM D5994	Thickness (m	ils)													
	Apparatus: L) Dead-weight dial i	micrometer wi	ith gauge poir	nts tapered at a	n angle of 60°	+/- 2° to the	e horizontal wit	h the tip						
	rounded to a	radius of 0.8+/-0	0.1 mm(0.031+	+/-0.004 in). v	vith a specified	force of 0.56+	-/-0.05 N (2+/-	-0.2 oz)				l I			
		e: 5 sec Specin		* .			, , ,	,							68 min.
	81	81	84	80	80	80	83	83	81	80	81	1	80	84	76 min. ave.
ASTM D792	Specific Gravity	(23/ 23°C)													
Method A	0.9368	0.9364									0.9366	0.0003	0.9364	0.9368	0.939 max.
ASTM D6693	Tensile Properti	es:													
Type IV		ens: Type IV, Wi	dth of narrow	section:0.25ii	n. Length of na	rrow section:1	.3in. Width O	verall:0.75in.							
,,	Length Over			aration: 2"/mi	-		•	,				l I			
	-	Tensile Strength at Break (lbs/ in width)													
	MD 229	252	225	233	220						232	12	220	252	120 min.
	TD 252	267	263	245	260						257	9	245	267	
	Elongation at B	reak (percei	nt, %)		Gauge Lei	ngth = 2.0 i	n.								
	MD 508	544	500	509	498						512	19	498	544	250 min.
	TD 566	618	594	598	586						592	19	566	618	
ASTM D4218	Carbon Content														
	Apparatus:	Muffle Furnace													
	2.49	2.48									2.48	0.01	2.48	2.49	2-3

(End of Table 3) (Sheet 1 of 1)





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

TABLE 4. MATERIAL PROPERTIES

CLIENT: NewFields

PROJECT: Cripple Creek & Victor Mine VLF2 Phase 3A

Date Received: 9/15/2022
Date Reported: 9/21/2022

QC'd By: TRI Job No.: **CA2210**

Client Sample ID: R#FND0103600048 L#PDF811480

TRI Control No.: 166767

Material Description: 80mil LLDPE Double Sided Microspike

	SPECIMENS											Proj.				
		1	2	3	4	5	6	7	8	9	10	Avg.	Std. Dev.	Min	Max	Specs.
METHOD	DESC	CRIPTIO	N													
ASTM D5994	Thickn	ess (mils)													
	A	oparatus: Dea	ad-weight dial n	nicrometer wit	th gauge poin	ts tapered at a	n angle of 60°	° +/- 2° to the	horizontal wit	h the tip						
	ro	unded to a ra	dius 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)							
	Lo	pading Time:	5 sec Specim	nen Size: 4" x	4"											68 min.
		81	83	83	83	80	80	81	81	83	81	82	1	80	83	76 min. ave.
ASTM D792	Specifi	c Gravity	(23/ 23°C)													
Method A		0.9379	0.9380									0.9380	0.0001	0.9379	0.9380	0.939 max.
ASTM D6693	Tensile	Properties	<u>}:</u>													
Type IV	Te	est Specimen	s: Type IV, Wid	dth of narrow	section:0.25ir	, Length of na	row section:1	.3in, Width Ov	rerall:0.75in,							
	Le	ength Overall:	4.5in	Rate of Sepa	aration: 2"/mii	7										
	Tensile Strength at Break (lbs/ in width)															
	MD	234	234	215	219	238						228	10	215	238	120 min.
	TD	218	253	243	268	260						249	19	218	268	
	Elonga	ition at Bre	ak (percer	nt, %)		Gauge Lei	ngth = 2.0 i	n.								
	MD	530	543	485	472	524						511	31	472	543	250 min.
	TD	505	561	586	611	597						572	42	505	611	
ASTM D4218	Carbon	Content														
	A	oparatus: Mu	ffle Furnace													
		2.36	2.37									2.36	0.01	2.36	2.37	2 - 3

(End of Table 4) (Sheet 1 of 1)



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

DATE: 09/23/2022

September 23, 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) 80mil LLDPE Microspike sample.

PROJECT NAME: Cripple Creek & Victor Mine VLF2 Ph 3A CQA DATE REPORTED: September 23, 2022

REFERENCE TRI JOB NO.: CA221097

DATE RECEIVED: September 16, 2022

SAMPLED BY: TRI-CA at AGRU, NV

SAMPLE IDENTIFICATIONS:

SAMPLE ID TRI CONTROL NUMBER

R#FND0103600063 L#DPF811480 166807

TESTS REQUIRED / PERFORMED:

2. ASTM D6693

TEST METHOD DESCRIPTION

1. ASTM D5994 Thickness

3. ASTM D792 Specific Gravity

4. ASTM D4218 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,

Maria Expetia

TRI Environmental, Inc. - California

Maria Espitia Chad Blackwell
Quality Assurance TRI-CA Director

TRI-CA Director Signatures are on file

Tensile Properties

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.



Date Received: 9/16/2022

Date Reported: 9/23/2022

TESTING, RESEARCH, CONSULTING AND FIELD SERVICES



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

QC'd By Maria Expetis

TRI Job No.: **CA221097** TRI Control No.: **166807**

Client Sample ID: R#FND0103600063 L#DPF811480

Material Description: 80mil LLDPE Double Sided Microspike

		·				·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	Thick	ness (mils	s)													
	A	Apparatus: De	ad-weight dial n	nicrometer wit	h gauge point	s tapered at ar	angle of 60°	+/- 2° to the	horizontal wit	h the tip						
	r	ounded to a ra	adius of 0.8+/-0.	1 mm(0.031+												
	L	oading Time:	5 sec Specim	en Size: 4" x												68 min.
		83	80	81	81	81	80	83	81	81	82	81	1	80	83	76 min. ave
STM D792	Speci	fic Gravity	(23/ 23°C)													
lethod A		0.9369	0.9371									0.9370	0.0001	0.9369	0.9371	0.939 max.
STM D6693	Tensile Properties:															
ype IV	7	Test Specimer	ns: Type IV, Wid	Ith of narrow s	section:0.25in,	Length of nar	ow section:1	3in, Width Ov	erall:0.75in,							
	Length Overall: 4.5in Rate of Separation: 2"/min															
			at Break (I										<u>.</u> _			
	MD	244	253	215	232	215						232	17	215	253	120 min.
	TD	278	258	260	263	259						264	8	258	278	
			eak (percer			Gauge Ler	gth = 2.0 i	n.								
	MD	551	531	485	524	501						518	26	485	551	250 min.
	TD	640	589	627	609	611						615	19	589	640	
STM D4218		n Content														
	-	Apparatus: Mi														
		2.42	2.44									2.43	0.01	2.42	2.44	2 - 3

(End of Table 1) (Sheet 1 of 1)



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

DATE: 09/28/2022

September 28, 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) 80mil LLDPE Microspike sample.

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

DATE REPORTED: September 28, 2022

REFERENCE TRI JOB NO.: CA221120

DATE RECEIVED: September 21, 2022

SAMPLED BY: TRI-CA at AGRU, NV

SAMPLE IDENTIFICATIONS:

SAMPLE ID TRI CONTROL NUMBER

R#FND0103600078 L#DPF811350 166946

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 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,

Maria Expetia

TRI Environmental, Inc. - California

Maria Espitia Chad Blackwell
Quality Assurance TRI-CA Director

ce 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.



Date Received: 9/21/2022

TESTING, RESEARCH, CONSULTING AND FIELD SERVICES



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

QC'd By Maria Expition

TRI Job No.: **CA221120** TRI Control No.: **166946**

Date Reported: 9/28/2022
Client Sample ID: R#FND0103600078 L#DPF811350

Material Description: 80mil LLDPE Double Sided Microspike

SPECIMENS Proj. 2 9 10 3 4 Ava. Std. Dev. Min Max Specs. **METHOD DESCRIPTION** ASTM D5994 Thickness (mils) Apparatus: Dead-weight dial micrometer with gauge points tapered at an angle of 60° +/- 2° to the horizontal with the tip rounded to a radius of 0.8+/-0.1 mm(0.031+/-0.004 in), with a specified force of 0.56+/-0.05 N (2+/-0.2 oz) Loading Time: 5 sec Specimen Size: 4" x 4" 68 min. 84 82 81 80 83 82 80 82 80 82 82 1 84 76 min. ave. 80 ASTM D792 Specific Gravity (23/23°C) Method A 0.9343 0.9344 0.9343 0.0001 0.9343 0.939 max. 0.9344 **ASTM D6693 Tensile Properties:** Type IV 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) 238 MD 221 219 214 220 222 9 214 238 120 min. TD 215 249 241 249 246 240 14 215 249 Elongation at Break (percent, %) Gauge Length = 2.0 in. MD 485 477 462 495 522 488 22 250 min. 462 522 TD 524 581 563 574 566 562 22 524 581 ASTM D4218 Carbon Content Apparatus: Muffle Furnace 2.47 2.50 2.48 0.02 2.47 2.50 2 - 3

(End of Table 1) (Sheet 1 of 1)



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

DATE: 09/28/2022

September 28, 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 four (4) 80mil LLDPE Microspike samples.

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

DATE REPORTED: September 28, 2022

REFERENCE TRI JOB NO.: CA221122

DATE RECEIVED: September 22, 2022

SAMPLED BY: TRI-CA at AGRU, NV

SAMPLE IDENTIFICATIONS:

SAMPLE ID TRI CONTROL NUMBER

R#FND0103600094 L#DPF811350 166950
R#FND0103600111 L#DPH810510 166951
R#FND0103600127 L#DPH810510 166952
R#FND0103600142 L#DPH810510 166953

TESTS REQUIRED / PERFORMED:

TEST METHOD DESCRIPTION

1. ASTM D5994 Thickness

2. ASTM D6693
 3. ASTM D792
 4. ASTM D4218
 Tensile Properties
 Specific Gravity
 Carbon Content Muffle

TEST RESULTS: The test results are summarized in the attached Table 1 to 4.

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,

Maria Expetio

TRI Environmental, Inc. - California

Maria Espitia Chad Blackwell
Quality Assurance TRI-CA Director

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.





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: 9/22/2022
Date Reported: 9/28/2022

QC'd By: CA221122

Client Sample ID: R#FND0103600094 L#DPF811350

TRI Control No.: 166950

Material Description: 80mil LLDPE Double Sided Microspike

SPECIMENS Proj. Avg. Std. Dev. 10 Min Specs. 6 Max **METHOD DESCRIPTION ASTM D5994** Thickness (mils) Apparatus: Dead-weight dial micrometer with gauge points tapered at an angle of 60° +/- 2° to the horizontal with the tip rounded to a radius of 0.8+/-0.1 mm(0.031+/-0.004 in), with a specified force of 0.56+/-0.05 N (2+/-0.2 oz) 68 min. Loading Time: 5 sec Specimen Size: 4" x 4" 81 82 81 80 81 82 1 76 min. ave. 80 84 ASTM D792 Specific Gravity (23/23°C) Method A 0.9336 0.9336 0.9335 0.0001 0.9335 0.9336 0.939 max. ASTM D6693 Tensile Properties: Type IV 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) 259 226 219 224 233 MD 232 16 219 120 min. 259 TD 240 231 268 260 262 252 16 231 268 Gauge Length = 2.0 in. Elongation at Break (percent, %) MD 543 502 525 29 494 466 506 466 543 250 min. 562 602 TD527 625 609 585 40 527 625 ASTM D4218 Carbon Content Apparatus: Muffle Furnace 2.48 2.46 2.47 0.02 2.48 2 - 3 2.46

(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.

TD- TRANSVERSE DIRECTION





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TABLE 2.

MATERIAL PROPERTIES

CLIENT: NewFields

PROJECT: Cripple Creek & Victor Mine VLF2 Phase 3A

Date Received: 9/22/2022
Date Reported: 9/28/2022

TRI Job No.: **CA221122**

Client Sample ID: R#FND0103600111 L#DPH810510

TRI Control No.: 166951

Material Description: 80mil LLDPE Double Sided Microspike

	SPECIMENS											Proj.			
	1	2	3	4	5	6	7	8	9	10	Avg.	Std. Dev.	Min	Max	Specs.
METHOD	DESCRIPTION	ON													
ASTM D5994	Thickness (m	ils)													
	Apparatus: L	Dead-weight dia	al micrometer w	vith gauge po	oints tapered at	an angle of 60	0° +/- 2° to th	e horizontal w	ith the tip						
	rounded to a	radius of 0.8+/	/-0.1 mm(0.031	+/-0.004 in),	with a specified	d force of 0.56	6+/-0.05 N (2+	/-0.2 oz)							
	Loading Tim	e:5 sec Spec	cimen Size: 4" :	x 4"											68 min.
	81	85	82	81	81	83	80	81	81	82	82	1	80	85	76 min. ave.
ASTM D792	Specific Gravity	y (23/ 23°C	;)												
Method A	0.9352	0.9352									0.9352	0.0000	0.9352	0.9352	0.939 max.
ASTM D6693	Tensile Propert	es:													
Type IV	Test Specim	ens: Type IV, V	Vidth of narrow	section:0.25	5in, Length of n	arrow section.	1.3in, Width C	overall:0.75in,							
	Length Over		Rate of Sepa	aration: 2"/m	in										
	Tensile Strengt		(lbs/ in wi									_			
	MD 254	225	254	226	249						242	15	225	254	120 min.
	TD 241	281	266	241	268						260	18	241	281	
	Elongation at E					ngth = 2.0 i	in.								
	MD 552	499	558	504	546						532	28	499	558	250 min.
	TD 566	636	609	553	610						595	34	553	636	
ASTM D4218	Carbon Content														
	Apparatus:	Muffle Furnace													
	2.45	2.42									2.43	0.02	2.42	2.45	

(End of Table 2) (Sheet 1 of 1)





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TABLE 3.

MATERIAL PROPERTIES

CLIENT: NewFields

PROJECT: Cripple Creek & Victor Mine VLF2 Phase 3A

Date Received: 9/22/2022
Date Reported: 9/28/2022

Client Sample ID: R#FND0103600127 L#DPH810510

TRI Control No.: 166952

Material Description: 80mil LLDPE Double Sided Microspike

	SPECIMENS											Proj.				
	•	1	2	3	4	5	6	7	8	9	10	Avg.	Std. Dev.	Min	Max	Specs.
METHOD	DESCRI	IPTIO	N													1
ASTM D5994	Thickness	(mils	;)													
	Appara	atus: Dea	ad-weight dial n	nicrometer w	ith gauge po	ints tapered at a	an angle of 60 $^\circ$	+/- 2° to th	e horizontal w	ith the tip						
	rounde	ed to a ra	adius of 0.8+/-0	.1 mm(0.031	+/-0.004 in),	with a specified	force of 0.56+/	-0.05 N (2+/	/-0.2 oz)							
	Loadir	ng Time:	5 sec Specim	en Size: 4" >	κ 4"											68 min.
	8	34	81	84	81	82	81	80	81	83	83	82	1	80	84	76 min. ave.
ASTM D792	Specific G	ravity	(23/ 23°C)													
/lethod A	0.9	340	0.9342									0.9341	0.0001	0.9340	0.9342	0.939 max.
ASTM D6693	Tensile Pro	operties	<u>s:</u>													
ype IV	Test S	Specimen	s: Type IV, Wid	tth of narrow	section:0.25	5in, Length of na	arrow section:1.	3in, Width O	overall:0.75in,							
	•	h Overall.			aration: 2"/m	in										
	Tensile St			bs/ in wi												
		48	227	234	249	225						237	11	225	249	120 min.
		73	248	267	275	244						261	14	244	275	
			eak (percer				ngth = 2.0 in.									
		40	501	526	545	491						520	24	491	545	250 min.
	TD 6		561	588	613	548						582	27	548	613	
STM D4218	Carbon Co															
			uffle Furnace													
	2.	45	2.43									2.44	0.02	2.43	2.45	2 - 3

(End of Table 3) (Sheet 1 of 1)





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TABLE 4. **MATERIAL PROPERTIES**

CLIENT: NewFields

PROJECT: Cripple Creek & Victor Mine VLF2 Phase 3A

Date Received: 9/22/2022 Date Reported: 9/28/2022

Client Sample ID: R#FND0103600142 L#DPH810510

TRI Control No.: 166953

Material Description: 80mil LLDPE Double Sided Microspike

	SPECIMENS											Proj.			
	1	2	3	4	5	6	7	8	9	10	Avg.	Std. Dev.	Min	Max	Specs.
METHOD	DESCRIPTIO	N													
ASTM D5994	Thickness (mils	s)													
	Apparatus: De	ad-weight dial	micrometer w	ith gauge poi	nts tapered at a	an angle of 60 $^\circ$	+/- 2° to th	e horizontal w	ith the tip						
	rounded to a r	adius of 0.8+/-0	0.1 mm(0.031	+/-0.004 in), 1	with a specified	force of 0.56+	/-0.05 N (2+/	(-0.2 oz)							
	Loading Time:	5 sec Specir	men Size: 4" x	4"											68 min.
	83	81	82	81	80	81	83	83	81	81	81	1	80	83	76 min. ave.
ASTM D792	Specific Gravity	(23/ 23°C)													
Method A	0.9377	0.9380									0.9378	0.0002	0.9377	0.9380	0.939 max.
ASTM D6693	Tensile Propertie	<u>s:</u>													
Type IV	Test Specime	ns: Type IV, Wi	idth of narrow	section:0.25	in, Length of na	rrow section:1.	3in, Width O	verall:0.75in,							
	Length Overa		Rate of Sep		in										
	Tensile Strength		lbs/ in wid												
	MD 246	227	260	253	258						249	13	227	260	120 min.
	TD 227	246	261	271	271						255	19	227	271	
	Elongation at Br					ngth = 2.0 ir	1.								
	MD 533	522	561	553	555						545	17	522	561	250 min.
	TD 528	551	596	611	614						580	38	528	614	
ASTM D4218															
	Apparatus: M														
	2.42	2.45									2.43	0.02	2.42	2.45	2 - 3

(End of Table 4) (Sheet 1 of 1)



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

October 3, 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) 80mil LLDPE Microspike samples.

PROJECT NAME: Cripple Creek & Victor Mine VLF2 Ph 3A CQA DATE REPORTED: October 3, 2022

REFERENCE TRI JOB NO.: CA221132 DATE RECEIVED: September 26, 2022 SAMPLED BY: TRI-CA at AGRU, NV

SAMPLE IDENTIFICATIONS:

SAMPLE ID TRI CONTROL NUMBER

R#FND0103600157 L#DPH810510 166984 R#FND0103600173 L#DPH810510 166985

TESTS REQUIRED / PERFORMED:

TEST METHOD

1. ASTM D5994

2. ASTM D6693 3 ASTM D792

4. ASTM D4218

DESCRIPTION

Thickness

Tensile Properties Specific Gravity

Carbon Content Muffle

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

Maria Expetia

TRI Environmental, Inc. - California

Maria Espitia Chad Blackwell

Quality Assurance TRI-CA Director

Signatures are on file

DATE: 10/03/2022

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.





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TABLE 1.

MATERIAL PROPERTIES

CLIENT: NewFields

PROJECT: Cripple Creek & Victor Mine VLF2 Phase 3A

Date Received: 9/26/2022 Date Reported: 10/3/2022

TRI Job No.: **CA221132**

Client Sample ID: R#FND0103600157 L#DPH810510

TRI Control No.: 166984

Material Description: 80mil LLDPE Double Sided Microspike

						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	Thick	ness (mils	s)													
	A	Apparatus: De	ad-weight dial i	micrometer w	rith gauge poi	nts tapered at a	an angle of 60	° +/- 2° to th	e horizontal w	ith the tip						
	r	ounded to a ra	adius of 0.8+/-0	0.1 mm(0.031	+/-0.004 in), v	with a specified	force of 0.56	+/-0.05 N (2+/	-0.2 oz)							
	L	oading Time:	5 sec Specin	nen Size: 4" >												68 min.
		82	80	82	81	80	82	82	81	83	84	82	1	80	84	76 min. ave.
ASTM D792	Speci	fic Gravity	(23/ 23°C)													
lethod A		0.9351	0.9351									0.9351	0.0000	0.9351	0.9351	0.939 max.
ASTM D6693	<u>Tensile</u>	e Properties	<u>s:</u>													
ype IV	7	Test Specimer	ns: Type IV, Wi	dth of narrow	section:0.25i	in, Length of na	rrow section:	1.3in, Width O	verall:0.75in,							
		ength Overall			aration: 2"/mii	n										
			at Break (000						050	00			
	MD	293	259	249	267	222						258	26	222	293	120 min.
	TD	240	254	267	270	253	41- 00:					257	12	240	270	
			eak (perce		F0.4	Gauge Ler	igtri = 2.0 i	п.					0.5			
	MD	589	562	548	564	496						552	35	496	589	250 min.
CTM D4040	TD	577	605	630	645	598						611	27	577	645	
STM D4218		n Content	<i>m</i> . <i>F</i>													
	<i>A</i>	Apparatus: Mu										2.40	0.04			
		2.48	2.43									2.46	0.04	2.43	2.48	2 - 3

(End of Table 1) (Sheet 1 of 1)



Date Received: 9/26/2022

TESTING, RESEARCH, CONSULTING AND FIELD SERVICES



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TABLE 2.

MATERIAL PROPERTIES

SPECIMENS

CLIENT: NewFields

PROJECT: Cripple Creek & Victor Mine VLF2 Phase 3A

Date Reported: 10/3/2022 Client Sample ID: R#FND0103600173 L#DPH810510

Material Description: 80mil LLDPE Double Sided Microspike

TRI Control No.: 166985

						_	PECIMEN	_								Proj.
		1	2	3	4	5	6	7	8	9	10	Avg.	Std. Dev.	Min	Max	Specs.
METHOD	DES	CRIPTIO	N													
STM D5994	Thickr	ness (mils	;)													
	Α	Apparatus: De	, ad-weight dial	micrometer w	ith gauge poil	nts tapered at	an angle of 60	° +/- 2° to th	e horizontal wi	th the tip						
			adius of 0.8+/-				-									
			5 sec Speci	•	* *											68 min.
		81	81	81	80	81	80	82	82	80	81	81	1	80	82	76 min. ave
STM D792	Specif	fic Gravity	(23/ 23°C)	-												
lethod A	•	0.9382	0.9382									0.9382	0.0000	0.9382	0.9382	0.939 max
STM D6693	Tensile	Propertie														
Type IV		•	== ns: Type IV, W	idth of narrow	section:0.25i	n. Lenath of na	arrow section:	1.3in. Width C	verall:0.75in.							
71		ength Overall			aration: 2"/min			,								
		•	at Break													
	MD	247	285	239		^^=										
				235	295	295						272	27	239	295	120 min.
	TD	264	262	261	295 267	295 259						272 263	27 3	239 259	295 267	120 min.
		264	262	261		259	ngth = 2.0 ii	n.								120 min.
		264		261		259	ngth = 2.0 ii	n.								120 min. 250 min.
	Elonga	264 ation at Bre	262 eak (perce	261 ent, %)	267	259 Gauge Lei	ngth = 2.0 i	n.				263	3	259	267	
STM D4218	Elonga MD TD	264 ation at Bre 528	262 eak (perce 569	261 ent, %) 516	267 594	259 Gauge Ler 611	ngth = 2.0 ii	n.				263 563	3 41	259 516	267 611	
STM D4218	Elonga MD TD Carbor	264 ation at Bre 528 609	262 eak (perce 569 622	261 ent, %) 516	267 594	259 Gauge Ler 611	ngth = 2.0 ii	n.				263 563	3 41	259 516	267 611	

(End of Table 2) (Sheet 1 of 1)



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

DATE: 10/03/2022

October 3, 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) 80mil LLDPE Microspike sample.

PROJECT NAME: Cripple Creek & Victor Mine VLF2 Ph 3A CQA DATE REPORTED: October 3, 2022

REFERENCE TRI JOB NO.: CA221140 DATE RECEIVED: September 27, 2022 SAMPLED BY: TRI-CA at AGRU, NV

SAMPLE IDENTIFICATIONS:

SAMPLE ID TRI CONTROL NUMBER

R#FND0103600188 L#DPH810490 167063

TESTS REQUIRED / PERFORMED:

TEST METHOD

1. ASTM D5994

2. ASTM D6693

3. ASTM D792

4 ASTM D4218

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 Espitia Chad Blackwell **Quality Assurance**

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.





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TABLE 1.

MATERIAL PROPERTIES

CLIENT: NewFields

PROJECT: Cripple Creek & Victor Mine VLF2 Phase 3A

Date Received: 9/27/2022
Date Reported: 10/3/2022

TRI Job No.: **CA221140**

Client Sample ID: R#FND0103600188 L#DPH810490

TRI Control No.: 167063

Material Description: 80mil LLDPE Double Sided Microspike

						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	s)													
	Α	pparatus: De	ad-weight dial i	micrometer wi	ith gauge poir	its tapered at a	an angle of 60	° +/- 2° to th	e horizontal wi	th the tip						
	ro	ounded to a re	adius of 0.8+/-0	0.1 mm(0.031-	+/-0.004 in), v	rith a specified	force of 0.56-	+/-0.05 N (2+/	'-0.2 oz)							
	L		5 sec Specin													68 min.
		81	82	84	80	82	81	82	80	82	83	82	1	80	84	76 min. ave
ASTM D792	Specif		` ,													
1ethod A		0.9379	0.9379									0.9379	0.0000	0.9379	0.9379	0.939 max.
STM D6693	<u>Tensile</u>	<u>Propertie</u>	<u>s:</u>													
ype IV			ns: Type IV, Wi				rrow section:1	1.3in, Width O	verall:0.75in,							
		ength Overal			aration: 2"/mir)										
			at Break (045						050	46			
	MD	265	267	246	238	245						252	13	238	267	120 min.
	TD	289	262	237	270	297						271	23	237	297	
			eak (perce		F00		ngth = 2.0 i	n.				500				
	MD	610	622	575	569	588						593	23	569	622	250 min.
OTM D4040	TD	602	572	540	560	613						577	30	540	613	
STM D4218		n Content														
	Α		uffle Furnace													
		2.36	2.36									2.36	0.00	2.36	2.36	2 - 3

(End of Table 1) (Sheet 1 of 1)



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

October 3, 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) 80mil LLDPE Microspike samples.

PROJECT NAME: Cripple Creek & Victor Mine VLF2 Ph 3A CQA DATE REPORTED: October 3, 2022

REFERENCE TRI JOB NO.: CA221145 DATE RECEIVED: September 28, 2022 SAMPLED BY: TRI-CA at AGRU, NV

SAMPLE IDENTIFICATIONS:

SAMPLE ID TRI CONTROL NUMBER

R#FND0103600203 L#DPH810490 167080 R#FND0103600218 L#DPH810490 167081

TESTS REQUIRED / PERFORMED:

DESCRIPTION **TEST METHOD**

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 Table 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,

Maria Expetia

TRI Environmental, Inc. - California

Maria Espitia Chad Blackwell

Quality Assurance TRI-CA Director

Signatures are on file

DATE: 10/03/2022

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.





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: 9/28/2022

QC'd By: / TRI Job No.: **CA221145**

Date Reported: 10/3/2022

TRI Control No.: 167080

Client Sample ID: R#FND0103600203 L#DPH810490
Material Description: 80mil LLDPE Double Sided Microspike

						S	PECIMENS	3								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	s)													
	Α	Apparatus: De	ead-weight dial	micrometer w	ith gauge poi	nts tapered at	an angle of 60	0° +/- 2° to t	he horizontal v	vith the tip						
	ro	ounded to a r	adius of 0.8+/-0	0.1 mm(0.031-	+/-0.004 in),	with a specified	d force of 0.56	+/-0.05 N (2-	⊦/-0.2 oz)							
	L	oading Time.	: 5 sec Specir	men Size: 4" x	4"											68 min.
		82	81	81	81	82	80	81	80	81	82	81	1	80	82	76 min. ave.
STM D792	Specif	fic Gravity	(23/ 23°C)													
1ethod A		0.9369	0.9370									0.9370	0.0000	0.9369	0.9370	0.939 max.
STM D6693	<u>Tensile</u>	<u>Propertie</u>	<u>s:</u>													
ype IV	T	est Specime	ns: Type IV, Wi	dth of narrow	section:0.25	in, Length of n	arrow section:	1.3in, Width	Overall:0.75in	,						
	L	ength Overa	II: 4.5in	Rate of Sep	aration: 2"/m	in										
			at Break (II													
	MD	263	270	293	277	260						273	13	260	293	120 min.
	TD	267	273	272	274	258						269	7	258	274	
	Elonga	ation at Bre	eak (percer	ıt, %)		Gauge Ler	ngth = 2.0 ii	1.								
	MD	552	547	584	576	555						563	16	547	584	250 min.
	TD	622	629	625	627	589						618	17	589	629	
STM D4218	Carbor	n Content														
	Α	Apparatus: M	luffle Furnace													
		2.53	2.48									2.50	0.03	2.48	2.53	2 - 3

(End of Table 1) (Sheet 1 of 1)





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

Date Received: 9/28/2022

Date Reported: 10/3/2022

TRI Job No.: CA221145

Client Sample ID: R#FND0103600218 L#DPH810490

TRI Control No.: 167081

Material Description: 80mil LLDPE Double Sided Microspike

						S	PECIMEN	S								Proj.
		1	2	3	4	5	6	7	8	9	10	Avg.	Std. Dev.	Min	Max	Specs.
METHOD	DES	CRIPTIC	N													
ASTM D5994	Thickn	ness (mils	s)													
	Α	pparatus: De	ead-weight dial	micrometer	with gauge po	oints tapered a	t an angle of	60° +/- 2° to	the horizontal	with the tip						
	ro	ounded to a i	radius of 0.8+/-	0.1 mm(0.03	1+/-0.004 in),	with a specifie	ed force of 0.5	56+/-0.05 N (2	2+/-0.2 oz)							
	L	oading Time	:5 sec Speci	men Size: 4"	x 4"											68 min.
		83	81	81	80	83	81	82	80	81	82	81	1	80	83	76 min. ave.
STM D792	Specif	ic Gravity	(23/ 23°C)													
lethod A		0.9359	0.9360									0.9359	0.0001	0.9359	0.9360	0.939 max.
STM D6693	<u>Tensile</u>	Propertie	<u>s:</u>													
ype IV	T	est Specime	ns: Type IV, W	idth of narro	w section:0.2	5in, Length of i	narrow sectio	n:1.3in, Width	Overall:0.75i	n,						
		ength Overa			aration: 2"/mi	'n										
			at Break (
	MD	278	266	280	253	256						267	12	253	280	120 min.
	TD	267	264	264	268	277						268	5	264	277	
			eak (perce			Gauge Ler	ngth = 2.0 i	n.								
	MD	567	533	567	551	549						553	14	533	567	250 min.
	TD	600	614	606	608	635						613	13	600	635	
STM D4218	_	n Content														
	Α		luffle Furnace													
		2.45	2.53									2.49	0.06	2.45	2.53	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.

TD- TRANSVERSE DIRECTION