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State of Utah

DEPARTMENT OF NATURAL RESOURCES

BRIAN C. STEED
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

April 8, 2020

To: OGMCOAL File

From: Karl R. Houskeeper

RE: Status Update of Lila Canyon Mine, Permit #007/0013

Had contact with Karin Madsen through an email transmission today. The recent material placed on the topsoil pile was seeded today April 8, 2020. The attached email below shows a list of needed maintenance items. In addition there is a copy of the seed mix used on the topsoil pile.

4/8/2020

State of Utah Mail - Lila



Karl Houskeeper <karlhouskeeper@utah.gov>

Lila

1 message

Madsen, Karin <kmadsen@coalsource.com>

Wed, Apr 8, 2020 at 3:58 PM

To: "Karl Houskeeper <karlhouskeeper@utah.gov> (karlhouskeeper@utah.gov)" <karlhouskeeper@utah.gov>

Hello Karl!

I just wanted to let you know I seeded the Lila Topsoil pile today. I've attached the seed mix tag for your review.

I also did a walk-through of the property, there were a couple items that I got the yard guys working on today- the upper road near the portals needs graded to repair the drainage to the east ditch. Two rolls of brattish rolled off of the storage pile into the ditch just east of the topsoil pile, and those were removed. That ditch also needed cleaning and contouring and there were tumbleweeds in the culvert inlet. They were working on that when I left. Everything else looked pretty good.

Karin Odendahl-Madsen

Environmental Permitting Engineer

UtahAmerican Energy Inc.

435-888-4026

 Untitled.pdf
32K

Lila Canyon Mine Mix 3-11-2020

Purity	Mixture Contents	Origin	Germ/Hard
9.85%	Wheatgrass, Slender	Canada	87 %
9.52%	Needle & Threadgrass, VNS	WY	90 %
8.93%	Indian Ricegrass, Nezpar	SD	96 %
8.24%	Shadscale Saltbrush, VNS	UT	52 %
7.14%	Fourwing Saltbrush, VNS	UT	60 %
6.91%	Winterfat, VNS	UT	62 %
5.49%	Stansbury Cliffrose, Native	UT	78 %
4.87%	Perennial Blue Flax, Appar	WA	88 %
4.71%	Blue Grama, Native	MT	91 %
4.66%	Basin Wildrye, Magar	MT	92 %
4.56%	Bluebunch Wheatgrass, Anatone	WA	94 %
4.42%	Galleta, Viva	CO	97 %
2.46%	Munros Globemallow, VNS	UT	87 %
1.45%	Wyoming Big Sagebrush, VNS	UT	74 %
1.16%	Black Sagebrush, VNS	UT	92 %
1.15%	Palmer's Penstemon, VNS	UT	93 %
0.82%	Fringed Sage, SID	UT	52 %
0.55%	Rubber Rabbitbrush, VNS	UT	78 %

0.10% Crop
 12.93% Inert
 0.08% Weed, No Noxious Found
 Oldest Test Date: 4/12/2019

Maple Leaf
 450 South 50 East
 Ephraim, UT 84627
 PO #Karin
 Lot #378448
 Net Weight 23.34 Lbs.