



Savage Services Corporation
Coal & Power Services Group
2025 East 5000 South
Box 1001
Price, UT 84501

(435) 637-5664
Fax (435) 637-3418

Mr. Steve Christensen
Coal Program Manager
Utah Division of Oil, Gas & Mining
1594 West North Temple, Suite 1210
P.O. Box 145801
Salt Lake City, Utah 84114-5801

Received
5-18-20

Re: Addition of Shop and
Storage Containers
Savage Service Corporation
Savage Coal Terminal
C/007/0022 , Task #6135

Dear Mr. Christensen:

Enclosed are 2 clean copies of the conditionally approved amendment for the addition of a shop and storage containers for the Savage Coal Terminal, for incorporation in the MRP.

Required C1/C2 Forms are included with this submittal. If you have any questions, or need additional information, please let me know.

Sincerely,

Heath Tanner
Senior Operations Manager

Cc: Dan Guy
File

APPLICATION FOR COAL PERMIT PROCESSING

Permit Change New Permit Renewal Exploration Bond Release Transfer

Permittee: Savage Services Corporation

Mine: Savage Coal Terminal

Permit Number:

C/007/0022

Title: Addition of Shop and Storage Containers , Task #6135

Description, Include reason for application and timing required to implement:

Clean Copies for Incorporation.

Instructions: If you answer yes to any of the first eight questions, this application may require Public Notice publication.

- | | | |
|------------------------------|--|---|
| <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No | 1. Change in the size of the Permit Area? Acres: _____ Disturbed Area: _____ <input type="checkbox"/> increase <input type="checkbox"/> decrease. |
| <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No | 2. Is the application submitted as a result of a Division Order? DO# _____ |
| <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No | 3. Does the application include operations outside a previously identified Cumulative Hydrologic Impact Area? _____ |
| <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No | 4. Does the application include operations in hydrologic basins other than as currently approved? |
| <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No | 5. Does the application result from cancellation, reduction or increase of insurance or reclamation bond? |
| <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No | 6. Does the application require or include public notice publication? |
| <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No | 7. Does the application require or include ownership, control, right-of-entry, or compliance information? |
| <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No | 8. Is proposed activity within 100 feet of a public road or cemetery or 300 feet of an occupied dwelling? |
| <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No | 9. Is the application submitted as a result of a Violation? NOV # _____ |
| <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No | 10. Is the application submitted as a result of other laws or regulations or policies? _____ |

Explain: _____

- | | | |
|---|--|--|
| <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No | 11. Does the application affect the surface landowner or change the post mining land use? |
| <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No | 12. Does the application require or include underground design or mine sequence and timing? (Modification of R2P2) |
| <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No | 13. Does the application require or include collection and reporting of any baseline information? |
| <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No | 14. Could the application have any effect on wildlife or vegetation outside the current disturbed area? |
| <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No | 15. Does the application require or include soil removal, storage or placement? |
| <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No | 16. Does the application require or include vegetation monitoring, removal or revegetation activities? |
| <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No | 17. Does the application require or include construction, modification, or removal of surface facilities? |
| <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No | 18. Does the application require or include water monitoring, sediment or drainage control measures? |
| <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No | 19. Does the application require or include certified designs, maps or calculation? |
| <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No | 20. Does the application require or include subsidence control or monitoring? |
| <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No | 21. Have reclamation costs for bonding been provided? |
| <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No | 22. Does the application involve a perennial stream, a stream buffer zone or discharges to a stream? |
| <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No | 23. Does the application affect permits issued by other agencies or permits issued to other entities? |
| <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No | 24. Does the application include confidential information and is it clearly marked and separated in the plan? |

Please attach three (3) review copies of the application. If the mine is on or adjacent to Forest Service land please submit four (4) copies, thank you. (These numbers include a copy for the Price Field Office)

I hereby certify that I am a responsible official of the applicant and that the information contained in this application is true and correct to the best of my information and belief in all respects with the laws of Utah in reference to commitments, undertakings, and obligations, herein.

Heath Tanner

Senior Operations Manager

5-12-20

Heath
Signature (Right-click above choose certify then have notary sign below)

Print Name

Position

Date

Signature (Right-click above choose certify then have notary sign below)

Subscribed and sworn to before me this 12 day of May, 2020

Notary Public: Amy Gluesing, state of Utah.

My commission Expires: _____

Commission Number: 711324

Address: 510 E. 100 N

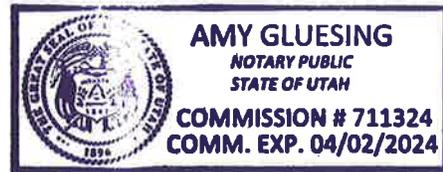
City: Price

State: UT

Zip: 84501

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For Office Use Only:	Assigned Tracking Number:	Received by Oil, Gas & Mining

APPENDIX 5-6

**ADDITION OF SHOP
AND
STORAGE CONTAINERS**

MARCH 2020

INCORPORATED

MAY 22 2020

Div. of Oil, Gas & Mining

Appendix 5-6

Addition of Shop and Storage Containers

Project Description

The previous storage area behind the Savage Coal Terminal office building has been modified to provide a more orderly and secure storage area with the addition of 3 portable storage containers and a new metal building to serve as an enclosed mechanic shop. The chain link fence around the previous storage site has also been removed.

Project Details

3 portable steel containers have been placed behind the Savage Coal Terminal office building. Two of the containers are 8' wide by 40' long, and one is 8' wide by 20' long. In addition, a 30' x 40' x 10' steel building has been placed to provide a new mechanic shop area. The previous shop area adjacent to the office has been converted to an electrical shop. The metal building has been erected on a previously poured concrete pad with piers. The Surface Facility Map, Plate 5-2 has been updated to show the location of the structures. Bonding cost details are included in this appendix.

Environmental Considerations

The entire project is within the existing disturbed area. There will be no changes to the soils, biology, geology or hydrology (including drainage) as a result of this amendment. Proposed bonding costs are provided in the following section.

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Bonding

The following costs are for the demolition of the steel building and concrete for the new shop area and the 3 steel storage containers. Although the containers are considered portable, the estimated costs are conservatively based on demolition and disposal of the units. This is consistent with the cost estimates in the latest bond calculations, including those for the Portable Hopper (Item 16). All costs are taken from those in the latest approved bond estimate for the Savage Coal Terminal Permit. The chain link fence is shown as a credit since it has been removed.

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Demolition Cost

<u>Item</u>	<u>Unit Cost</u>	<u>Quantity</u>	<u>Cost</u>
Steel Bldg.	0.28/CF	12,000 CF	\$ 3,360.00
Concrete	21.00/CY	25.0 CY	525.00
8' x 40' Container	0.28/CF	2,560 CF (x 2)	1,434.00
8' x 20' Container	0.28/CF	1,260 CF	358.00
<u>ECDC</u>	<u>9.63/CY</u>	<u>5 CY</u>	<u>48.00</u>
		Sub-Total	\$ 5,725.00
<u>Chain Link (Removed)</u>	<u>4.33/LF</u>	<u>240 LF</u>	<u>- 1,039.00</u>
		Total =	<u>\$ 4,686.00</u>

Note: The estimated reclamation cost for this site is \$2,345,000.00, escalated to 2021. The bond posted for the site is \$2,525,000.00, which is \$180,000.00 more than required. When the above estimates for the shop building are included, there would still be an excess of \$174,000.00 in place for this site, as shown on the revised bonding calculations in Appendix 8-1.

Summary

The previous outside storage area behind the Savage Coal Terminal office has been modified by removal of the chain link fence and the addition of 3 steel storage containers. In addition, a 30' x 40' x 10' steel building has been erected on a pre-existing concrete pad, to serve as a mechanic shop. Bonding costs for the addition have been provided and show no need for an increase in the bond for this project. The Surface Facility Map, Plate 5-2 has been updated to reflect the changes described herein.

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City of Gil, Gas & Electric

Appendix 8-1

Reclamation Cost Estimate

Savage Services Corporation
Savage Coal Terminal

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Bonding Calculations

Direct Costs

Subtotal Demolition and Removal	\$	936,701.00
Subtotal Backfilling and Grading	\$	599,800.00
Subtotal Revegetation	\$	254,047.00
Direct Costs	\$	1,790,548.00

Indirect Costs

Mob/Demob	\$	179,055.00	10.0%
Contingency	\$	89,527.00	5.0%
Engineering Redesign	\$	44,764.00	2.5%
Main Office Expense	\$	121,757.00	6.8%
Project Mangement Fee	\$	44,764.00	2.5%
Subtotal Indirect Costs	\$	479,867.00	26.8%

Total Cost 2016 Dollars	\$	2,270,415.00
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Escalation factor		0.7%
Number of years		5
Escalation	\$	80,585.00

Reclamation Cost Escalated	\$	2,351,000.00
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Bond Amount (rounded to nearest \$1,000)	\$	2,351,000.00
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Bond Posted Dollars	\$	2,525,000.00
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Difference Between Cost Estimate and Bond	\$	174,000.00
Percent Difference	\$	0.07

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Div. of O.L. Gen. & P.

Ref.	Description	Materials	Means Reference Number	Unit Cost	Unit	Length	Width	Height	Diameter	Area	Volume	Weight	Density	Time	Number	Unit	Swell Factor	Quantity	Unit	Cost	
	Shop Office 01																				23823
	Scale House 02																				1593
	No. 1 Truck Dump 03																				4444
	No. 2 Truck Dump 04																				2352
	No. 3 Truck Dump 05																				1423
	No. 4 Truck Dump 06																				1747
	No. 5 Truck Dump 07																				1077
	Conveyors Eight 08																				8986
	Conveyor 48 inch 09																				9112
	No. 4 Radial Stacker 10																				3632
	No. 5 Radial Stacker 11																				1018
	Conveyor Piers 12																				1680
	Support Structure 13																				1531
	Water Tank 14																				0
	Reclaim Tunnel 15																				33780
	Portable Hopper 16																				951
	Trailer 17																				0
	Transfer Bin 18																				2023
	Preparation Plant 19																				208054
	Substation 20																				5215
	Fuel Storage 21																				5488
	Reclaim Control Bld 22																				1391
	Sample House 23																				4303
	Stacking Tube 24																				49080
	Loadout Silo 25																				906826
	Railroad 26																				25440
	Powerline 27																				3750
	Asphalt 28																				14200
	Pumphouse 29																				185
	River Pump 30																				15990
	Guard Rails 31																				3232
	Chillers 32																				19159
	Stacking Tube 33																				4093
	Coal Sampler Addition 34																				14388
	Conveyor Transfer 35																				19044
	New Shop Oil Storage Bld 36																				6534
	Plant Expansion 37																				40815
	Road Surfacing Material 38																				
	Total																				996701

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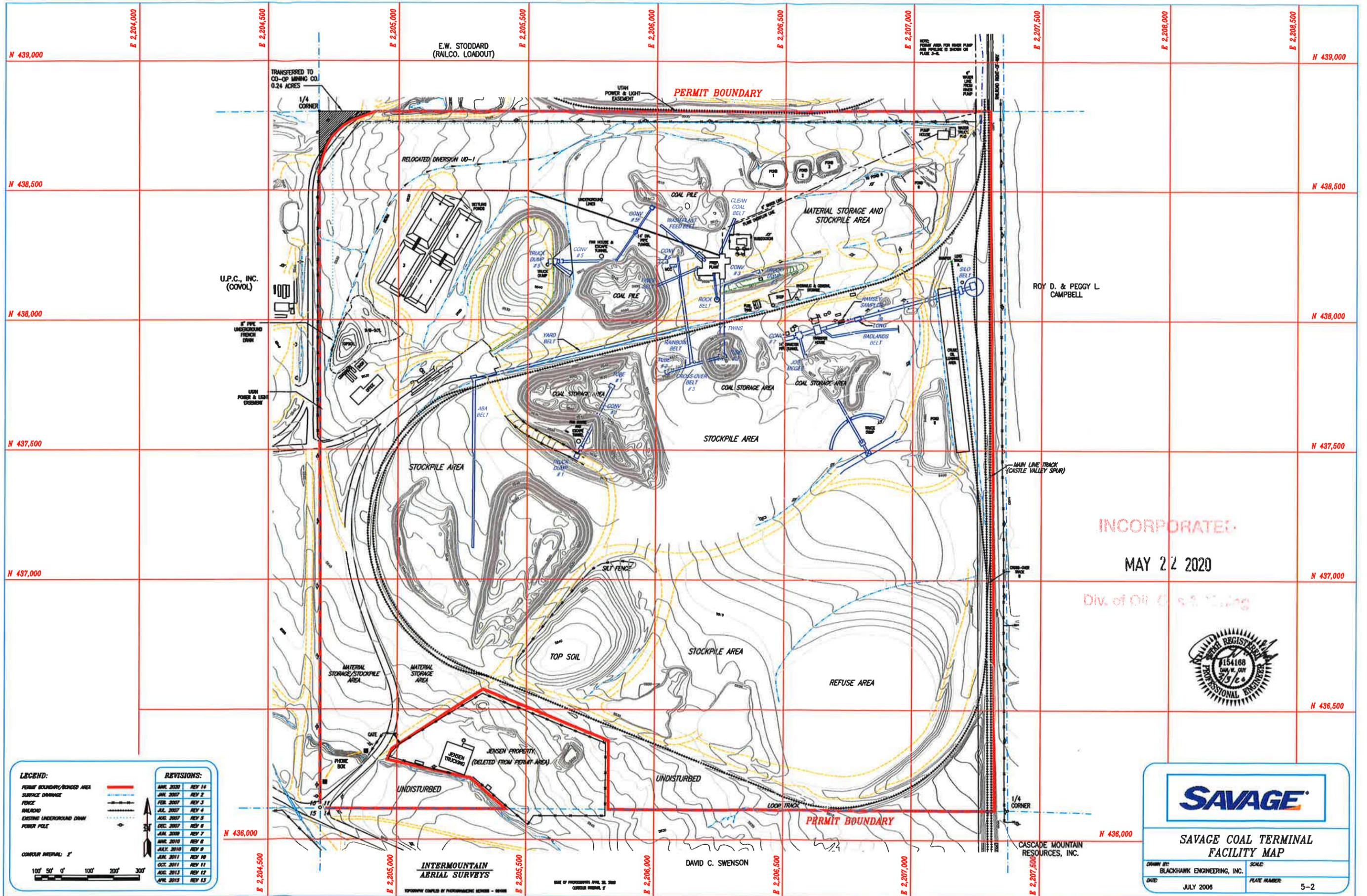
MAY 27 2020

Ref.	Description	Materials	Means Reference Number	Bare Unit Cost	Unit	Length	Width	Height	Diameter	Area	Volume	Weight	Density	Time	Number	Unit	Swell Factor	Quantity	Unit	Cost	
	Shop Office 01																				
	Structure's Demolition Cost	Steel Bld. Large	Southeast Blasting	0.28 /CF	CF	125	45	10									0.01	56250	CF	15750	
	Structure's Vol. Demolished																	21	CY		
	Rubble's Weight (exclude steel)																				
	Truck's Capacity																				
	Haulage																				
	Transportation Cost Non Steel Truck																				
	Transportation Cost Non Steel Drive																				
	Disposal Cost Non Steel																				
	Steel's Weight	ECDC	ECDC	9.63 /CY	CY						17								17	CY	164
	Truck's Capacity																				
	Haulage																				
	Transportation Cost Steel Truck																				
	Transportation Cost Steel Truck Drive																				
	Disposal Cost Steel																				
	Subtotal																				15914
	Equipment's Disposal Cost	Chain link remove 8'-10'	02 41 13 60 1700	4.33 /LF	LF	240		REMOVED													0
	Demolition Cost																				
	Equipment's Vol. Demolished																				
	Loading Costs																				
	Transport Costs																				
	Disposal Costs																				
	Subtotal																				
	Concrete Demolition																				
	Demolition Cost	Concrete Demolition/Onsite Disposal	Southeast Blasting	21.00 /CY	CY	125	45	0.5													2184
	Concrete's Vol. Demolished																				
	Loading Cost																				
	Transportation Cost																				
	Disposal Costs																				
	Subtotal																				
	Shop / Storage Container Addition																				
	Structure/Demolition Cost	Steel Bld. Large	Southeast Blasting	0.28 /CF	CF	40	30	10													3960
	Steel Container Demolition	Steel Bld. Large		0.28 /CF	CF	40	8	8													1424
	Steel Container Demolition	Steel Bld. Large		0.28 /CF	CF	20	8	8													358
	Disposal Cost Non Steel																				
	Disposal Costs	ECDC	ECDC	9.63 /CY	CY						5										48
	Subtotal																				5200
	Concrete Demolition																				
	Demolition Cost	Concrete Demolition/Onsite Disposal	Southeast Blasting	21 /CY	CY																525
	Concrete's Vol. Demolished																				
	Loading Cost																				
	Transportation Cost																				
	Disposal Costs																				
	Subtotal																				525
	Total																				23923

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MAY 27 2020

Div. of Oil, Gas & Electric



TRANSFERRED TO
CO-OP MINING CO.
0.24 ACRES
1/4 CORNER

E.W. STODDARD
(RAILCO. LOADOUT)

PERMIT BOUNDARY

UTAH
POWER & LIGHT
EXPOSURE

NOTE:
PERMIT AREA FOR THESE PLANS
AND PIPELINE IS SHOWN ON
PAGE 5-2.

ROY D. & PEGGY L.
CAMPBELL

INCORPORATED

MAY 22 2020

Div. of Oil & Gas



LEGEND:

- PERMIT BOUNDARY/BORDER AREA
- SURFACE DRAINAGE
- FENCE
- RAILROAD
- ENGINE UNDERGROUND DRAIN
- POWER POLE

REVISIONS:

MAY 2020	REV 14
JAN 2020	REV 13
FEB 2020	REV 12
JUL 2020	REV 11
JUL 2020	REV 10
AUG 2020	REV 9
JAN 2020	REV 8
DEC 2020	REV 7
JAN 2020	REV 6
JAN 2020	REV 5
OCT 2020	REV 4
JAN 2020	REV 3
JAN 2020	REV 2
JAN 2020	REV 1

CONTOUR INTERVAL: 2'

U.P.C., INC.
(COVOL)

RELOCATED DIMENSION UD-1

INTERMOUNTAIN
AERIAL SURVEYS

DAVID C. SWENSON

CASCADE MOUNTAIN
RESOURCES, INC.

SAVAGE

SAVAGE COAL TERMINAL
FACILITY MAP

DATE: JULY 2006
SCALE: 1" = 100'
PLATE NUMBER: 5-2