

C/007/022 Incoming

#4501

SAVAGE

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

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

Mr. Daron Haddock
Coal Regulatory 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

FEB 27 2014

Re: Clean Copies
Culvert Extensions
Savage Services Corporation
Savage Coal Terminal
C/007/0022, Task ID#4501

DIV. OF OIL, GAS & MINING

Dear Mr. Haddock:

Per the request in the Conditional Approval letter of February 18, 2014 for the above referenced amendment, enclosed are 2 clean copies for incorporation in the MRP.

A required C1/C2 Form is enclosed, along with the 2 copies of revised pages and maps. If you have any questions, or need additional information, please let me know.

Sincerely,



Garth Nielsen
General Manager

Cc: Steve Demczak
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: Proposed Culvert Extensions (Clean Copies)

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

To close open hole and enhance safety for trucks and equipment.

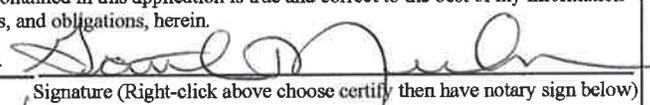
Instructions: If you answer yes to any of the first eight questions, this application may require Public Notice publication.

- | | | |
|---|--|--|
| <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 checked="" type="checkbox"/> Yes | <input type="checkbox"/> No | 10. Is the application submitted as a result of other laws or regulations or policies?
<i>Explain:</i> <u>Clean Copies requested by Division.</u> |

- | | | |
|---|--|--|
| <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 checked="" type="checkbox"/> Yes | <input 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 type="checkbox"/> Yes | <input checked="" 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.

Garth Nielsen General Manager 02/24/2014 
 Print Name Position Date Signature (Right-click above choose certify then have notary sign below)

Subscribed and sworn to before me this 25 day of February 2014

Notary Public: Tami McKendrick, state of Utah.



My commission Expires: 07-02-2014 }
 Commission Number: 583388 } ss:
 Address: 1323 So. Wood }
 City: PRICE State: UT Zip: 84501 }

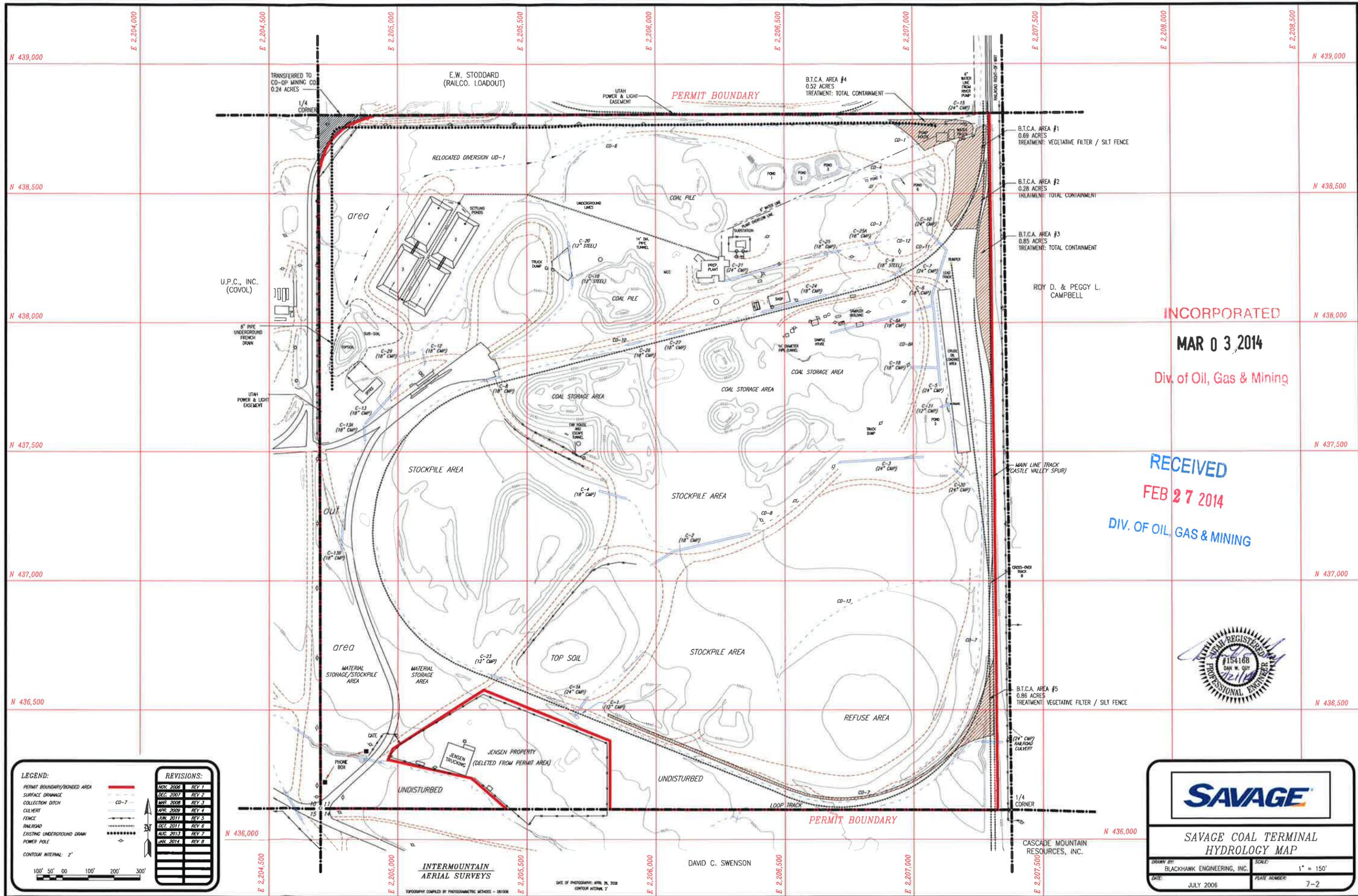
For Office Use Only:	Assigned Tracking Number:	Received by Oil, Gas & Mining RECEIVED FEB 27 2014 DIV. OF OIL, GAS & MINING
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**TABLE 7-25
CULVERT DESIGN SPECIFICATIONS**

Culvert Number	Discharge (cfs)	Diameter (ft)	Length (ft)	Normal Depth	Velocity (ft/sec)
C-1	0.81	1.0	30	0.45	2.38
C-1a	0.81	2.0	55	0.45	2.38
C-2	0.98	1.5	400	0.35	2.80
C-3	3.70	(2) 1.5	60	0.59	2.90
C-4	1.11	1.5	100	0.40	2.05
C-5	9.68	2.0	360	1.35	3.59
C-6	0.80	1.5	60	0.38	2.20
C-6A	0.80	2.0	300	0.38	2.20
C-7	10.56	2.0	210	1.43	4.40
C-8	0.77	1.5	60	0.38	2.20
C-9	1.44	1.5	50	0.51	2.70
C-10	11.97	2.0	40	1.60	4.44
C-12	5.11	1.5	40	1.11	3.64
C-13	5.11	1.5	130	1.17	4.73
C-13A	5.11	1.5	60	1.11	3.64
C-13B	5.11	1.50	100	1.11	3.64
C-15	20.50	2.0	30	2.87*	7.60*
C-17	0.80	1.5	160	0.46	2.20
C-18	0.80	1.5	100	0.46	2.20
C-19	0.22	1.0	50	0.28	1.19
C-20	0.22	1.0	50	0.28	1.19
C-21	1.11	2.0	200	0.34	2.05
C-22	13.88	2.0	175	2.10*	11.49
C-23	0.15	1.0	45	0.20	1.50
C-24	1.44	1.5	40	0.51	2.70
C-25	1.11	1.5	60	0.40	2.05
C-25A	1.11	1.5	50	0.40	2.05
C-26	1.44	1.5	50	0.51	2.70
C-27	1.44	1.5	50	0.51	2.70
C-28	1.44	1.5	50	0.51	2.70
C-29	0.48	1.5	40	0.44	3.11

*Head Water Depth = 3.50 ft.

***Erosion to be minimized by the use of 9" med. diam. rip-rap at the culvert outlet.



TRANSFERRED TO
CO-OP MINING CO.
0.24 ACRES

E.W. STODDARD
(RAILCO. LOADOUT)

B.T.C.A. AREA #4
0.52 ACRES
TREATMENT: TOTAL CONTAINMENT

B.T.C.A. AREA #1
0.69 ACRES
TREATMENT: VEGETATIVE FILTER / SILT FENCE

B.T.C.A. AREA #2
0.28 ACRES
TREATMENT: TOTAL CONTAINMENT

B.T.C.A. AREA #3
0.85 ACRES
TREATMENT: TOTAL CONTAINMENT

ROY D. & PEGGY L.
CAMPBELL

B.T.C.A. AREA #5
0.86 ACRES
TREATMENT: VEGETATIVE FILTER / SILT FENCE

INCORPORATED

MAR 03 2014

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FEB 27 2014
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LEGEND:

- PERMIT BOUNDARY/BONDED AREA
- SURFACE DRAINAGE
- COLLECTION DITCH
- CULVERT
- FENCE
- RAILROAD
- EXISTING UNDERGROUND DRAIN
- POWER POLE

REVISIONS:

NOV. 2006	REV. 1
DEC. 2007	REV. 2
MAR. 2008	REV. 3
APR. 2009	REV. 4
JUN. 2011	REV. 5
OCT. 2011	REV. 6
AUG. 2013	REV. 7
JAN. 2014	REV. 8

CONTOUR INTERVAL: 2'

INTERMOUNTAIN
AERIAL SURVEYS

DAVID C. SWENSON

SAVAGE

SAVAGE COAL TERMINAL
HYDROLOGY MAP

DRAWN BY: BLACKHAWK ENGINEERING, INC. SCALE: 1" = 150'

DATE: JULY 2006 PLATE NUMBER: 7-2

DATE OF PHOTOGRAPHY: APRIL 28, 2006
CONTOUR INTERVAL: 2'