Incoming ✓
C0070022
#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
JAN 16 2014
DIV. OF OIL, GAS & MINING

Re: Request to Approve
Culvert Extensions
Savage Services Corporation
Savage Coal Terminal
C/007/0022

Dear Mr. Haddock:

This amendment is to extend existing 24" culvert C-5 to connect to the existing 24" culvert C-7, and to extend existing 18" culvert C-6 to connect to the extended section of C-5. This connection will allow the closure of the open hole between the culverts and enhance the safety of the trucks and equipment traveling through this area. This closure will not alter any drainage in the area, since there are no surface ditches draining to the open hole, and the culverts will still carry the same runoff to the outlet of C-5 into Sediment Pond 6. The culvert names will remain the same, since the separate sections will each carry the same drainage as they do now; therefore, only the culvert lengths have been changed on Table 7-25. Culvert connections are shown on enclosed Plate 7-2.

A required C1/C2 Form is enclosed, along with 1 red-line copy 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

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.

☐ Yes ☒ No 1. Change in the size of the Permit Area? Acres: _____ Disturbed Area: _____ ☐ increase ☐ decrease.
☐ Yes ☒ No 2. Is the application submitted as a result of a Division Order? DO# _____
☐ Yes ☒ No 3. Does the application include operations outside a previously identified Cumulative Hydrologic Impact Area?
☐ Yes ☒ No 4. Does the application include operations in hydrologic basins other than as currently approved?
☐ Yes ☒ No 5. Does the application result from cancellation, reduction or increase of insurance or reclamation bond?
☐ Yes ☒ No 6. Does the application require or include public notice publication?
☐ Yes ☒ No 7. Does the application require or include ownership, control, right-of-entry, or compliance information?
☐ Yes ☒ No 8. Is proposed activity within 100 feet of a public road or cemetery or 300 feet of an occupied dwelling?
☐ Yes ☒ No 9. Is the application submitted as a result of a Violation? NOV # _____
☐ Yes ☒ No 10. Is the application submitted as a result of other laws or regulations or policies?
Explain: _____
☐ Yes ☒ No 11. Does the application affect the surface landowner or change the post mining land use?
☐ Yes ☒ No 12. Does the application require or include underground design or mine sequence and timing? (Modification of R2P2)
☐ Yes ☒ No 13. Does the application require or include collection and reporting of any baseline information?
☐ Yes ☒ No 14. Could the application have any effect on wildlife or vegetation outside the current disturbed area?
☐ Yes ☒ No 15. Does the application require or include soil removal, storage or placement?
☐ Yes ☒ No 16. Does the application require or include vegetation monitoring, removal or revegetation activities?
☒ Yes ☐ No 17. Does the application require or include construction, modification, or removal of surface facilities?
☒ Yes ☐ No 18. Does the application require or include water monitoring, sediment or drainage control measures?
☒ Yes ☐ No 19. Does the application require or include certified designs, maps or calculation?
☐ Yes ☒ No 20. Does the application require or include subsidence control or monitoring?
☐ Yes ☒ No 21. Have reclamation costs for bonding been provided?
☐ Yes ☒ No 22. Does the application involve a perennial stream, a stream buffer zone or discharges to a stream?
☐ Yes ☒ No 23. Does the application affect permits issued by other agencies or permits issued to other entities?
☐ Yes ☒ 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	01/15/2014	
Print Name	Position	Date	Signature (Right-click above choose certify then have notary sign below)

Subscribed and sworn to before me this 15 day of Jan., 2014

Notary Public: Tami L McKendrick, state of Utah.

My commission Expires: 07-02-2014 }
Commission Number: 583388 } ss:
Address: 179 E. main }
City: Price State: UT Zip: 84501 }

TAMI L McKENDRICK
NOTARY PUBLIC STATE OF UTAH
COMMISSION# 583388
COMM. EXP. 07-02-2014

For Office Use Only:	Assigned Tracking Number:	Received by Oil, Gas & Mining
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Form DOGM- C1 (Revised December 10, 2007)

APPLICATION FOR COAL PERMIT PROCESSING
Detailed Schedule Of Changes to the Mining And Reclamation Plan

Permittee: Savage Services Corporation
Mine: Savage Coal Terminal
Title: Proposed Culvert Extensions
Permit Number: C/007/0022

Provide a detailed listing of all changes to the Mining and Reclamation Plan, which is required as a result of this proposed permit application. Individually list all maps and drawings that are added, replaced, or removed from the plan. Include changes to the table of contents, section of the plan, or other information as needed to specifically locate, identify and revise the existing Mining and Reclamation Plan. Include page, section and drawing number as part of the description.

			DESCRIPTION OF MAP, TEXT, OR MATERIAL TO BE CHANGED
☐ Add	☒ Replace	☐ Remove	Chapter 7 - Table 7-25 (page 124).
☐ Add	☒ Replace	☐ Remove	Plate 7-2.
☐ Add	☐ Replace	☐ Remove	
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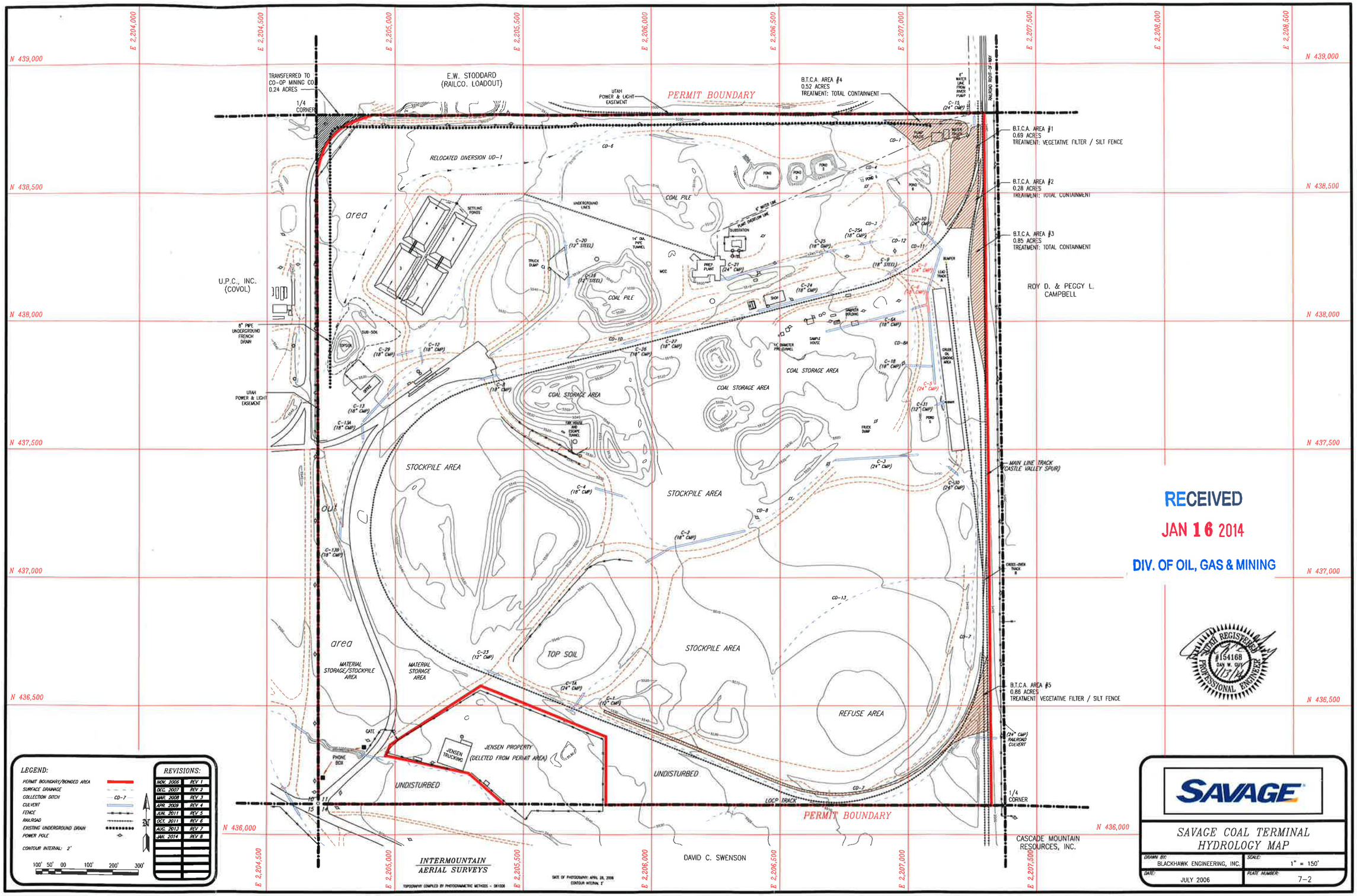
Any other specific or special instruction required for insertion of this proposal into the Mining and Reclamation Plan.	Received by Oil, Gas & Mining RECEIVED JAN 16 2014 DIV. OF OIL, GAS & MINING

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.



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