

PR-6

Sample house road, running from the refuse road (PR-4) to the sample building/loadout tunnel. The road is approximately 545' long with an average grade of 1.83%. It is gravel-surfaced and approximately 16' wide.

PR-7

No. 2 Truck Dump Road, running from its intersection with PR-1, over the truck dump and back to the intersection with PR-2. The road is approximately 2170' in length with an average grade of 1.28%. It is a gravel-surfaced road with a width of approximately 24'.

PR-8

~~Truck Dump No. 5 Road, running from PR-7, across the No. 5 Truck Dump and back to the PR-7. This road is approximately 890' in length with an average grade of 2.02%. The road is gravel-surfaced and is 20' wide. Maximum grade down from the truck dump is 9.00%.~~

PR-9

Topsoil Pile Road, running from PR-7 to the refuse road (PR-4). This road is approximately 420' long with an average grade of 1.91%. The road is gravel-surfaced and approximately 20' wide.

PR-10

Truck Dump No. 3 Road running from the refuse road (PR-4) over the No. 3 truck dump and back to PR-4. It is approximately 560' in length with a maximum grade of +10.00% up and -10.34% down. The road is gravel-surfaced and approximately 16' wide.

PR-11

This is a short length of road constructed to tie the 2 main haul roads, PR-1 and PR-2, together. The road is approximately 400' in length with an average grade of 0.25%. This road is gravel-surfaced and approximately 24' wide.

PR-12

Office/Shop Road, running from PR-1 across the office parking pad and down to the intersection of PR-1 and PR-3. The road is approximately 575' in length with an average grade of 1.74%. It is gravel-surfaced and approximately 20' wide.

File in:

- Confidential
- Shelf
- Expandable

Refer to Record No. 0016 Date 06082009
In C 10070022 2007 Incoming
For additional information

**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	260	1.35	3.59
C-6	0.80	1.5	30	0.38	2.20
C-6A	0.80	2.0	300	0.38	2.20
C-7	10.56	2.0	40	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-16	4.34	2.0	350	0.45	2.10
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.

0016

File in: C/07/022 2009 Incoming
Refer to:
 Confidential
 Shelf
 Expandable
Date 06/08/09 for additional information

C/07/022 Incoming
#3340
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SAVAGE
Savage Services Corporation
Coal & Power Services Group
2025 East 5000 South
Box 1001
Price, UT 84501

COPY

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

June 8, 2009

Mr. Daron Haddock
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

Re: Proposed Road Changes
Savage Coal Terminal
C/007/022
Carbon County, Utah

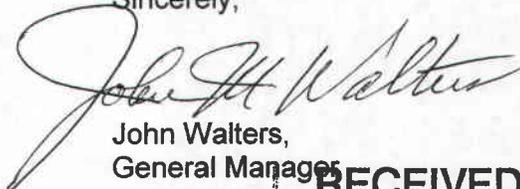
Dear Mr. Haddock:

Enclosed are 3 copies of a proposed amendment to slightly alter the alignment of Primary Road PR-7 and remove Primary Road PR-8 at the Savage Coal Terminal. PR-7 will continue to cross over Truck Dump No. 2; however, the exit ramp will be moved slightly to the west from its present location. PR-8 is the road over Truck Dump No. 5, which is being totally removed. This amendment will also involve a change in 2 culverts – C-4 and C-16. C-4 will be relocated to the west to provide drainage beneath PR-7, as it presently does. C-16 will no longer be necessary with the removal of Truck Dump No. 5, and will be removed. Drainage from both of these areas will continue to report to Collection Ditch CD-8 and Sediment Pond No. 5.

Since there are no changes in the drainage areas or runoff, there is no need to revise pond or drainage calculations. The reclamation cost would also actually be reduced by this action, with the removal of the truck dump and culvert C-16.

Revised pages and plates for the newly approved MRP are included with this submittal. A C1/C2 Form is also enclosed. If you have any questions, or need additional information, please let me know.

Sincerely,


John Walters,
General Manager

RECEIVED

JUN 22 2009

DIV. OF OIL, GAS & MINING

cc: Pete Hess, DOGM
File

APPLICATION FOR PERMIT PROCESSING

Permit Change <input checked="" type="checkbox"/>	New Permit <input type="checkbox"/>	Renewal <input type="checkbox"/>	Transfer <input type="checkbox"/>	Exploration <input type="checkbox"/>	Bond Release <input type="checkbox"/>	Permit Number: C/007/022
Title of Proposal:						Mine: Savage Coal Terminal
Road Amendment						Permittee: Savage Services Corp.

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

Instructions: If you answer yes to any of the first 8 questions (gray), submit the application to the Salt Lake Office. Otherwise, you may submit it to your reclamation specialist.

9 Yes	<input type="checkbox"/> No	1. Change in the size of the Permit Area? _____ acres Disturbed Area? _____ acres <input type="checkbox"/> increase <input type="checkbox"/> decrease.
9 Yes	<input type="checkbox"/> No	2. Is the application submitted as a result of a Division Order? DO #
9 Yes	<input type="checkbox"/> No	3. Does application include operations outside a previously identified Cumulative Hydrologic Impact Area?
9 Yes	<input type="checkbox"/> No	4. Does application include operations in hydrologic basins other than as currently approved?
9 Yes	<input type="checkbox"/> No	5. Does application result from cancellation, reduction or increase of insurance or reclamation bond?
9 Yes	<input type="checkbox"/> No	6. Does the application require or include public notice/publication?
9 Yes	<input type="checkbox"/> No	7. Does the application require or include ownership, control, right-of-entry, or compliance information?
9 Yes	<input type="checkbox"/> No	8. Is proposed activity within 100 feet of a public road or cemetery or 300 feet of an occupied dwelling?
9 Yes	<input type="checkbox"/> No	9. Is the application submitted as a result of a Violation? NOV #
9 Yes	<input type="checkbox"/> No	10. Is the application submitted as a result of other laws or regulations or policies? Explain:
9 Yes	<input type="checkbox"/> No	11. Does the application affect the surface landowner or change the post mining land use?
9 Yes	<input type="checkbox"/> No	12. Does the application require or include underground design or mine sequence and timing? (Modification of R2P2?)
9 Yes	<input type="checkbox"/> No	13. Does the application require or include collection and reporting of any baseline information?
9 Yes	<input type="checkbox"/> No	14. Could the application have any effect on wildlife or vegetation outside the current disturbed area?
9 Yes	<input type="checkbox"/> No	15. Does application require or include soil removal, storage or placement?
9 Yes	<input 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 calculations?
9 Yes	<input type="checkbox"/> No	20. Does the application require or include subsidence control or monitoring?
9 Yes	<input type="checkbox"/> No	21. Have reclamation costs for bonding been provided for?
9 Yes	<input type="checkbox"/> No	22. Does application involve a perennial stream, a stream buffer zone or discharges to a stream?
9 Yes	<input type="checkbox"/> No	23. Does the application affect permits issued by other agencies or permits issued to other entities?

X Attach 3 complete copies of the application.

<p>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.</p> <p style="text-align: right;">Signed - Name - Position - Date <i>John M. Voth</i> GEN MGR. 6/19/09</p> <p>Subscribed and sworn to before me this <u>9</u> day of <u>JUNE</u>, 2009</p> <p style="text-align: center;"><i>Tami L Wardle</i> Notary Public</p> <p>My Commission Expires: <u>03-07-2010</u></p> <p>Attest: STATE OF <u>UTAH</u> COUNTY OF <u>CARBOLE</u></p>	<p style="text-align: center;">Received by Oil, Gas & Mining</p> <hr/> <p style="text-align: center;">TAMI L WARDLE NOTARY PUBLIC • STATE OF UTAH 1323 SOUTH 600 WEST PRICE UT 84501</p> <p style="text-align: center;">ASSIGNED TRACKING NUMBER</p>
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