

2002 Annual Report
Savage Coal Terminal
C/007/022

File in:

Confidential

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Refer to Record No. 0012 Date 03/27/2003

In C/ 007/0013 2003 Submitting

For additional information

GENERAL INFORMATION

1. Permit Number	C/007/022
2. Mine Name	Savage Coal Terminal
3. Permittee Name	Savage Industries, Inc.
4. Operator Name (if other than Permittee)	
5. Permit Expiration Date	August 07, 2004
6. Permit Number	C/007/022
7. Company Representative, Title	Boyd Rhodes, Manager
8. Phone Number	(435) 637-5664
9. Fax Number	(435) 637-3418
10. E-mail Address	
11. Mailing Address	Savage Industries, Inc.
	6340 South 3000 East
	Suite 600
	Salt Lake City, Utah 84121
12. Resident Agent, Title	Corporation Trust Company
13. Mailing Address	Corporation Trust Company
	1209 Orange Street
	Wilmington, DE 19801
14. Number of Binders Submitted	(2) 1- Salt Lake Office and 1- Price Field Office

IDENTIFICATION OF OTHER PERMITS

Identify other permits which are required in conjunction with mining and reclamation activities.

Permit Type	ID Number	Description	Expires on
1. MSHA Mine ID(s)	42-01444	Plant Loadout	N/A
2. MSHA Impoundment(s)	N/A		

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3.	NPDES/UPDES Permit(s) (water)	UTG- 040005	UPDES Permit 06/01/98		04/30/03
4.	PSD (Air) Permit(s)	DAQE- 007-97	Approval Order		N/A
5.					
6.					

CERTIFIED REPORTS

List the certified inspection reports as required by the rules and under the approved plan which must be periodically submitted to the Division. Specify whether the information is included as APPENDIX A to this Annual Report or currently ON FILE with the Division.

Certified Reports:	Reports Required?		INCLUDED or ON FILE w/DOGM?		Comments
	YES	NO	Included	ON FILE	
1. Excess Spoil Piles		X			
2. Refuse Piles	X		X		Appendix A
3. Impoundments	X		X		Appendix A
4.					
5.					

REPORTING OF OTHER TECHNICAL DATA

List other technical data and information as required under the approved plan which must be periodically submitted to the Division. Specify whether the information is included as APPENDIX B to this Annual Report or currently ON FILE with the Division.

Technical Data:	Reports Required?		INCLUDED or ON FILE w/DOGM?		Comments
	YES	NO	Included	ON FILE	
1. Climatological Data		X			
2. Subsidence Monitoring Data		X			
3. Vegetation Monitoring Data		X			
4. Raptor Survey		X			
5. Soils Monitoring Data		X			
6. Water Monitoring Data	X			X	

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First Quarter Report	X			X		
Second Quarter Report	X			X		
Third Quarter Report	X			X		
Fourth Quarter Report	X			X		
7. Geological/Geophysical Data		X				
8. Engineering Data		X				
9. Other Data	N/A					
10. Non Coal Waste/Abandoned Underground Equipment		X				

LEGAL, FINANCIAL, COMPLIANCE AND RELATED INFORMATION

Changes in administration or corporate structure can often bring about necessary changes to information found in the mining and reclamation plan. The Division is requesting that each permittee review and update the legal, financial, compliance and related information in the plan as part of the Annual Report. Provide the Department of Commerce, Annual Report of Officers, or other equivalent information as necessary to ensure that the information provided in the plan is current. Provide any other changes as necessary regarding land ownership, lease acquisitions, legal results from appeals of violations, or other changes as necessary to update information required in the mining and reclamation plan. Include any certified financial statements, audits or worksheets which may be required to meet bonding requirements. Specify whether the information is currently ON FILE with the Division or included as APPENDIX C to this Annual Report.

Legal/Financial Data:	Report Required?		INCLUDED or ON FILE w/DOGM?		Comments
	YES	NO	Included	ON FILE	
1. Department of Commerce, Annual Report of Officers	X			X	
2. Other					

MINE MAPS

Copies of mine maps, current and up-to-date through at least December 31, 1998, are to be provided to the Division as APPENDIX D to this Annual Report in accordance with the requirements of R645-301-525.270. These map copies shall be made in accordance with 30 CFR 75.1200, as required by MSHA. Upon request, mine maps shall be kept confidential by the Division.

Map Number(s)	Map Title / Description	Confidential?
N/A		

APPENDIX A

Certified Reports

Excess Spoil Piles
Refuse Piles
Impoundments

as required under R645-301-514

CONTENTS

Refuse Pile Inspections and Annual Impoundment Inspections

SAVAGE COAL TERMINAL REFUSE PILE INSPECTION REPORT

MSHA SITE: *1211-UT-09-01444-01 QUARTER: 04/2002

(1) Potential Safety Hazards	None Noted.
(2) Slope Stability	Slopes appear stable.
(3) Removal of Topsoil/Organics.	N/A - No removal necessary.
(4) Construction and Maintenance Performance Standards.	Top of pile graded - Berm is O.K. Culvert Relocated - O.K. Ditches - O.K. Pile partially removed from both ends for Sunnyside Cogeneration.
(5) Recommendations/Comments.	Sign/ID # changed to 1211-UT-09-01444-01. Coal storage on removed areas East & West ends.

I have performed the above inspection on this refuse pile and do hereby certify it to be a true and accurate representation of the pile at this time.





 (Signature)

11/14/02

 (Date)

* Re-assigned ID Number - Old Number (1211-UT-09-0034)

SAVAGE COAL TERMINAL REFUSE PILE INSPECTION REPORT

MSHA SITE: *1211-UT-09-01444-01 QUARTER: 03/2002

(1) Potential Safety Hazards	None Noted.
(2) Slope Stability	Slopes appear stable.
(3) Removal of Topsoil/Organics.	N/A - No removal necessary.
(4) Construction and Maintenance Performance Standards.	Top of pile graded - Berm is O.K. Culvert Relocated - O.K. Ditches - O.K. Pile partially removed from both ends for Sunnyside Cogeneration.
(5) Recommendations/Comments.	Sign/ID # changed to 1211-UT-09-01444-01. Coal storage on removed areas East & West ends.

I have performed the above inspection on this refuse pile and do hereby certify it to be a true and accurate representation of the pile at this time.





 (Signature)

 09/25/02
 (Date)

* Re-assigned ID Number - Old Number (1211-UT-09-0034)

SAVAGE COAL TERMINAL REFUSE PILE INSPECTION REPORT

MSHA SITE: *1211-UT-09-01444-01 QUARTER: 02/2002

(1) Potential Safety Hazards	None Noted.
(2) Slope Stability	Slopes appear stable.
(3) Removal of Topsoil/Organics.	Refuse Pile being removed from West End.
(4) Construction and Maintenance Performance Standards.	Top of pile graded - Berm is O.K. Culvert Relocated - O.K. Ditches - O.K. Pile being removed from west end for Sunnyside Cogeneration.
(5) Recommendations/Comments.	Sign/ID # changed to 1211-UT-09-01444-01. Coal storage on removed areas East & West ends.

I have performed the above inspection on this refuse pile and do hereby certify it to be a true and accurate representation of the pile at this time.





 (Signature)

 06/28/02
 (Date)

* Re-assigned ID Number - Old Number (1211-UT-09-0034)

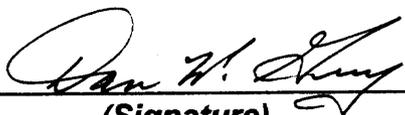
SAVAGE COAL TERMINAL REFUSE PILE INSPECTION REPORT

MSHA SITE: *1211-UT-09-01444-01 QUARTER: 01/2002

(1) Potential Safety Hazards	None Noted.
(2) Slope Stability	Slopes appear stable.
(3) Removal of Topsoil/Organics.	Refuse Pile being removed from West End.
(4) Construction and Maintenance Performance Standards.	Top of pile graded - Berm is O.K. Culvert Relocated - O.K. Ditches - O.K. Pile being removed from west end for Sunnyside Cogeneration.
(5) Recommendations/Comments.	Sign/ID # changed to 1211-UT-09-01444-01.

I have performed the above inspection on this refuse pile and do hereby certify it to be a true and accurate representation of the pile at this time.





 (Signature)

 03/25/02
 (Date)

* Re-assigned ID Number - Old Number (1211-UT-09-0034)

SAVAGE INDUSTRIES, INC.
2002 ANNUAL POND INSPECTION REPORT

POND: Sediment Pond 1 **LOCATION:** Savage Coal Terminal

IMPOUNDMENT	
(1) <i>Stability</i>	<i>Slopes Stable. Incised Pond</i>
(2) <i>Structural Weakness/Erosion</i>	<i>None Noted.</i>
(3) <i>Potential Safety Hazards</i>	<i>None Noted.</i>
(4) <i>Depth of Impounded Water</i>	<i>3.5' Water.</i>
(5) <i>Existing Storage Capacity</i>	<i>0.64 acre feet.</i>
(6) <i>Monitoring Procedures</i>	<i>Quarterly Inspection.</i>

SPILLWAY	
(7) <i>Sediment Accumulation (Elevation)</i>	<i>5486.30</i>
(8) <i>Sediment Cleanout Level (Elevation)</i>	<i>5487.20</i>
(9) <i>Principle Spillway (Elevation)</i>	<i>5491.80</i>
(10) <i>Emergency Spillway (Elevation)</i>	<i>5491.80</i>
(11) <i>Existing Sediment Capacity (To Cleanout)</i>	<i>0.33 acre feet.</i>

GENERAL	
(12) <i>Comments/Recommendations</i>	<i>Pond O.K. No Discharge.</i>

STATEMENT

I hereby certify that; I am experienced in the construction of impoundments; I am qualified and authorized in the State of Utah to inspect and certify the condition and appearance of impoundments in accordance with the certified and approved designs for this structure; that the impoundment has been maintained in accordance with approved design and meets or exceeds the minimum design requirements under all applicable federal, state and local regulations; and, that inspections and inspection reports are made by myself and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability.

Dan W. Guy
 (Signature)

11/14/02
 (Date)



SAVAGE INDUSTRIES, INC.
2002 ANNUAL POND INSPECTION REPORT

POND: Sediment Pond 2

LOCATION: Savage Coal Terminal

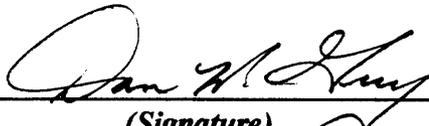
INSPECTION RESULTS	
(1) Stability	Slopes Stable. Incised Pond
(2) Structural Weakness/Erosion	None Noted.
(3) Potential Safety Hazards	None Noted.
(4) Depth of Impounded Water	6.20'
(5) Existing Storage Capacity	0.18 acre feet.
(6) Monitoring Procedures	Quarterly Inspection.

ADDITIONAL DATA	
(7) Sediment Accumulation (Elevation)	5484.60
(8) Sediment Cleanout Level (Elevation)	5485.50
(9) Principle Spillway (Elevation)	5492.30
(10) Emergency Spillway (Elevation)	5492.30
(11) Existing Sediment Capacity (To Cleanout)	0.18 acre feet.

ADDITIONAL COMMENTS	
(12) Comments/Recommendations	No Discharge.

STATEMENT

I hereby certify that; I am experienced in the construction of impoundments; I am qualified and authorized in the State of Utah to inspect and certify the condition and appearance of impoundments in accordance with the certified and approved designs for this structure; that the impoundment has been maintained in accordance with approved design and meets or exceeds the minimum design requirements under all applicable federal, state and local regulations; and, that inspections and inspection reports are made by myself and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability.



 (Signature)

11/14/02

 (Date)



SAVAGE INDUSTRIES, INC.
2002 ANNUAL POND INSPECTION REPORT

POND: Sediment Pond 3

LOCATION: Savage Coal Terminal

IMPOUNDMENT	
(1) Stability	Slopes Stable. Incised Pond
(2) Structural Weakness/Erosion	None Noted.
(3) Potential Safety Hazards	None Noted.
(4) Depth of Impounded Water	5.45'
(5) Existing Storage Capacity	0.24 acre feet.
(6) Monitoring Procedures	Quarterly Inspection.

(7) Sediment Accumulation (Elevation)	5483.95
(8) Sediment Cleanout Level (Elevation)	5484.80
(9) Principle Spillway (Elevation)	5491.40
(10) Emergency Spillway (Elevation)	5491.40
(11) Existing Sediment Capacity (To Cleanout)	0.17 acre feet.

(12) Comments/Recommendations	No Discharge.
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STATEMENT

I hereby certify that; I am experienced in the construction of impoundments; I am qualified and authorized in the State of Utah to inspect and certify the condition and appearance of impoundments in accordance with the certified and approved designs for this structure; that the impoundment has been maintained in accordance with approved design and meets or exceeds the minimum design requirements under all applicable federal, state and local regulations; and, that inspections and inspection reports are made by myself and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability.



 (Signature)

11/14/02

 (Date)



SAVAGE INDUSTRIES, INC.
2002 ANNUAL POND INSPECTION REPORT

POND: Plant Overflow (#4) **LOCATION:** Savage Coal Terminal

IMPOUNDMENTS	
(1) Stability	
(2) Structural Weakness/Erosion	
(3) Potential Safety Hazards	
(4) Depth of Impounded Water	
(5) Existing Storage Capacity	
(6) Monitoring Procedures	
SPILLWAYS	
(7) Sediment Accumulation (Elevation)	
(8) Sediment Cleanout Level (Elevation)	
(9) Principle Spillway (Elevation)	
(10) Emergency Spillway (Elevation)	
(11) Existing Sediment Capacity (To Cleanout)	
GENERAL	
(12) Comments/Recommendations	POND REMOVED.

STATEMENT

I hereby certify that; I am experienced in the construction of impoundments; I am qualified and authorized in the State of Utah to inspect and certify the condition and appearance of impoundments in accordance with the certified and approved designs for this structure; that the impoundment has been maintained in accordance with approved design and meets or exceeds the minimum design requirements under all applicable federal, state and local regulations; and, that inspections and inspection reports are made by myself and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability.



 (Signature)

11/14/02

 (Date)



SAVAGE INDUSTRIES, INC.
2002 ANNUAL POND INSPECTION REPORT

POND: Sediment Pond 5 **LOCATION:** Savage Coal Terminal

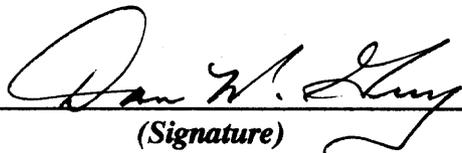
IMPOUNDMENT	
(1) Stability	Slopes Stable. Incised Pond
(2) Structural Weakness/Erosion	None Noted.
(3) Potential Safety Hazards	None Noted.
(4) Depth of Impounded Water	1.0' Water.
(5) Existing Storage Capacity	3.70 acre feet.
(6) Monitoring Procedures	Quarterly Inspection.

(7) Sediment Accumulation (Elevation)	5474.10
(8) Sediment Cleanout Level (Elevation)	5475.20
(9) Principle Spillway (Elevation)	5482.00
(10) Emergency Spillway (Elevation)	5482.00
(11) Existing Sediment Capacity (To Cleanout)	0.36 acre feet.

(12) Comments/Recommendations	No Discharge.

STATEMENT

I hereby certify that; I am experienced in the construction of impoundments; I am qualified and authorized in the State of Utah to inspect and certify the condition and appearance of impoundments in accordance with the certified and approved designs for this structure; that the impoundment has been maintained in accordance with approved design and meets or exceeds the minimum design requirements under all applicable federal, state and local regulations; and, that inspections and inspection reports are made by myself and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability.



 (Signature)

11/14/02

 (Date)



SAVAGE INDUSTRIES, INC.
2002 ANNUAL POND INSPECTION REPORT

POND: Sediment Pond 6

LOCATION: Savage Coal Terminal

Inspection	
(1) Stability	Slopes Stable. Incised Pond
(2) Structural Weakness/Erosion	None Noted.
(3) Potential Safety Hazards	None Noted.
(4) Depth of Impounded Water	3.50' Water.
(5) Existing Storage Capacity	1.12 acre feet.
(6) Monitoring Procedures	Quarterly Inspection. U.P.D.E.S. Discharge.

Inspection	
(7) Sediment Accumulation (Elevation)	5473.80
(8) Sediment Cleanout Level (Elevation)	5474.70
(9) Principle Spillway (Elevation)	5480.30
(10) Emergency Spillway (Elevation)	5480.30
(11) Existing Sediment Capacity (To Cleanout)	0.18 acre feet.

Inspection	
(12) Comments/Recommendations	No Discharge.

STATEMENT

I hereby certify that; I am experienced in the construction of impoundments; I am qualified and authorized in the State of Utah to inspect and certify the condition and appearance of impoundments in accordance with the certified and approved designs for this structure; that the impoundment has been maintained in accordance with approved design and meets or exceeds the minimum design requirements under all applicable federal, state and local regulations; and, that inspections and inspection reports are made by myself and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability.



 (Signature)

11/14/02

 (Date)



APPENDIX B

Reporting of Technical Data

including monitoring data, reports, maps, and other information
as required under the approved plan
or as required by the Division

in accordance with the requirements of R645-301-130 and R645-301-140.

CONTENTS

N/A

APPENDIX C

Legal, Financial, Compliance and Related Information

Annual Report of Officers

as submitted to the Utah Department of Commerce

and other changes in ownership and control information
as required under R645-301-110.

CONTENTS

On File

APPENDIX D

Mine Maps

as required under R645-301-525.270.

CONTENTS

N/A

APPENDIX E

Other Information

in accordance with the requirements of R645-301 and R645-302.

CONTENTS

N/A