

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

RE: Annual Report for 2018
Savage Services Corporation
Savage Coal Terminal
C/007/0022

Dear Mr. Christensen:

Enclosed is an electronic copy of the Annual Report for Savage Coal Terminal for 2018.
If you have any questions, or need additional information, please let me know.

Sincerely,



Victor Fossat
Operations Manager

cc: Dan Guy
File

2018 ANNUAL REPORT

Submit the completed document and any additional information identified to the Division by March 31, 2019.

GENERAL INFORMATION

Company Name	Savage Services Corporation	Mine Name	Savage Coal Terminal
Permit Number	C/007/0022	Permit Expiration Date	2019-08-07
Operator Name	Savage Coal Terminal	Phone Number	+1 (435) 637-5664
Mailing Address	P.O. Box 1001	Email	victorfossat@savageservices.com
City	Price		
State	UT	Zip Code	84501

DOGM File Location or Annual Report Location

Excess Spoil Piles	<input type="checkbox"/> Required <input checked="" type="checkbox"/> Not Required	
Refuse Piles	<input checked="" type="checkbox"/> Required <input type="checkbox"/> Not Required	Included in Appendix A
Impoundments	<input checked="" type="checkbox"/> Required <input type="checkbox"/> Not Required	Included in Appendix A
Other:		

OPERATOR COMMENTS

Reports included in Appendix A.

REVIEWER COMMENTS

Met Requirements Did Not Meet Requirements

COMMITMENTS AND CONDITIONS

The Permittee is responsible for ensuring annual technical commitments in the Mining and Reclamation Plan and conditions accepted with the permit are completed throughout the year. The Division has identified these commitments below and has provided space for you to report what you have done during the past year for each commitment. If additional written response is required, it should be filed as an attachment to this report.

Title: NOXIOUS WEED CONTROL

Objective: To control invasive species in and adjacent to the disturbed area. The permittee should obtain a list of noxious weeds from the county and invasive species from DWR.

Frequency: Ongoing treatment. Report annually

Status: Ongoing

Reports: Summarize treatment in Annual report.

Citation: MRP, Volume 1, Section 3.4.5.4 or .5, page 3-62a

OPERATOR COMMENTS

Past Removal of Tamarisk and Russian Olive. No new removal needed in 2018

REVIEWER COMMENTS

Met Requirements

Did Not Meet Requirements

FUTURE COMMITMENTS AND CONDITIONS

The following commitments are not required for the current annual report year, but will be required by the permittee in the future as indicated by the "status" field. These commitments are included for information only, and do not currently require action. If you feel that the commitment is no longer relevant or needs to be revised, please contact the Division.

Title: WASTE STREAM FROM PROCESSING PLANT

Objective: Provide documentation of chemical characteristics of process waste returned to site through analysis of parameters.

Frequency: Sample every 5,000 tons returned to site.

Status: Ongoing, report required if waste is returned to site. Or, state if reported in Dugout Annual Report.

Reports: Submit Laboratory analysis sheets with annual report.

Citation: Chapter 5, Appendix 5-2

Title: FINAL RECLAMATION SOIL TESTING

Objective: To ensure vegetation establishment

Frequency: At final reclamation

Status: At reclamation

Reports: Discussions with DOGM and laboratory analysis reporting required at final reclamation.

Citation: Chapter 5, Section 542.200, page 50

Title: SEALING OF WELLS

Objective: Permanent closure of wells using measures required by DOGM to prevent access and prevent contamination of ground water.

Frequency: Seal wells when no longer needed.

Status: Ongoing

Reports: Report status when mining is terminated or wells are no longer needed.

Citation: Chapter 6, Section 631, page 5, and Chapter 5, page 46

Title: ANALYSIS OF BASELINE PARAMETERS EVERY 5 YEARS

Objective: Periodic analysis for baseline parameters for long term impacts to surface and ground water.

Frequency: Once every five years

Status: Next event Fall 2018

Reports: Report as part of quarterly water-monitoring.

Citation: Chapter 7, Table 17

REPORTING OF OTHER TECHNICAL DATA

Please list other technical data or information that was not included in the form above, but is required under the approved plan, which must be periodically submitted to the Division.

Please list attachments:

N/A

REVIEWER COMMENTS

Met Requirements

Did Not Meet Requirements

MAPS

Copies of mine maps, current and up-to-date, are to be provided to the Division as an attachment to this report in accordance with the requirements of R645-301-525.240. The map copies shall be made in accordance with 30 CFR 75.1200 as required by MSHA. Mine maps are not considered confidential.

Map Name	Map Number	Included		Confidential	
		Yes	No	Yes	No
N/A		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

REVIEWER COMMENTS Met Requirements Did Not Meet Requirements

2018 Annual Report

Appendix A

Certified Reports

Refuse Pile Inspections

Annual Impoundment Inspections

State of Utah
DEPARTMENT OF NATURAL RESOURCES
Division of Oil, Gas & Mining

1594 West North Temple, Suite 1210, PO Box 145801, Salt Lake City, UT 84114-5801
 Telephone (801) 538-5340 facsimile (801) 359 3940 TTY (801) 538-7458
www.ogm.utah.gov



Quarterly Inspection Form - Refuse Disposal Areas

(please provide to DOGM promptly after inspection is complete)

Permit Number : C/007/022 Inspection Date : 03/28/18
 Mine Name : Savage Coal Terminal Quarter / Year : 1st / 2018
 Mine Operator (Permittee) : Savage Services Corporation Inspector Name : Dan W. Guy
 MSHA ID # : 1211-UT-09-01444-01 Inspector Signature : *Dan W. Guy*
 Facility Name / Location / Address : Savage Coal Terminal , 2025 East 5000 South, Price, Utah 84501

1. Describe any changes in the geometry of the structure (as well as instrumentation, if any, used to monitor changes):
 Main refuse pile has been removed. New, small pile has been partially graded and compacted. No new material added in 2018.

Piled material scheduled to be graded and compacted.

2. Lift Height / Thickness Avg 24" Maximum 24" # _____ Elevation of Active Benches : 5498 , _____ , _____
 3. Vertical Angle of Outslope(s) / Location(s) where measured App. 3H:1V / _____ / _____ / _____
 4. Total storage capacity: 1,500,000 cy Remaining storage capacity 1,496,000 cy Volume placed during year : None in 2018.
 5. Describe foundation preparation (including removal of vegetation, stumps, topsoil, and all other organic material) :
Topsoil / Subsoil removed and stored on site.

6. Describe placement and compaction of fill materials (including an explanation of how compaction is confirmed) :
Dumped by truck. Graded and compacted by dozer and/or wheeled loader. Compaction tested by standard proctor methods as needed.

7. Is there any evidence of fires or burning on the structure ? (If YES, specify extent, location, and abatement/extinguishment of such fires) :
None

8. Describe placement of under drains, protective filter systems, and final surface drainage systems (report any seepage, including location, color, flow) :
N/A

9. Describe any appearances of instability, structural weakness, or other hazardous conditions :
None noted. Material being graded and compacted per plan. I.D. sign in place.

10. Please provide any other information pertaining to the stability of the structure (attach any photos taken during the inspection)

Are there cracks or scarps in crest ?	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	_____
Is there any detectable sloughing or bulging ?	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	_____
Do slope erosion problems exist ?	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	_____
Cracks or scarps in slope ?	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	_____
Surface movements? (valley bottom, hillsides)	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	_____
Erosion of Toe ?	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	_____
Water impounded by structure ?	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	_____
Are diversion ditches stable?	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	_____
Is drainage positive ?	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	_____

Could failure of structure create an impoundment (provide description) ? No

Are design standards established within the mining and reclamation plan for the disposal facility being met ?
Yes

Proctor Determination : N/A - Not Tested. Main Pile Removed.

I hereby certify that: I am experienced in the construction of earth and rock fills; I am qualified and authorized in the State of Utah to inspect and certify the condition and appearance of earth and rock fills in accordance with structure; that the fill structure has been maintained in accordance with the 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 or under my direction and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability.

(place P.E. certification below)

State of Utah
DEPARTMENT OF NATURAL RESOURCES
Division of Oil, Gas & Mining

1594 West North Temple, Suite 1210, PO Box 145801, Salt Lake City, UT 84114-5801
 Telephone (801) 538-5340 facsimile (801) 359 3940 TTY (801) 538-7458
 www.ogm.utah.gov



Quarterly Inspection Form - Refuse Disposal Areas
 (please provide to DOGM promptly after inspection is complete)

Permit Number : C/007/022 Inspection Date : 06/25/18
 Mine Name : Savage Coal Terminal Quarter / Year : 2nd / 2018
 Mine Operator (Permittee) : Savage Services Corporation Inspector Name : Dan W. Guy / Nicholas Nielsen
 MSHA ID # : 1211-UT-09-01444-01 Inspector Signature : *[Signature]*
 Facility Name / Location / Address : Savage Coal Terminal , 2025 East 5000 South, Price, Utah 84501

1. Describe any changes in the geometry of the structure (as well as instrumentation, if any, used to monitor changes):
 Main refuse pile has been removed. New, small pile has been graded and compacted. No net change in pile amount in 2018.

Note: One truckload of material was removed for testing and one truckload was added during this quarter.

2. Lift Height / Thickness Avg 24" Maximum 24" # Elevation of Active Benches : 5498 , ,

3. Vertical Angle of Outslope(s) / Location(s) where measured App. 3H:1V / / /

4. Total storage capacity: 1,500,000 cy Remaining storage capacity 1,496,000 cy Volume placed during year : No Increase.

5. Describe foundation preparation (including removal of vegetation, stumps, topsoil, and all other organic material) :

Topsoil / Subsoil removed and stored on site.

6. Describe placement and compaction of fill materials (including an explanation of how compaction is confirmed) :

Dumped by truck. Graded and compacted by dozer and/or wheeled loader. Compaction tested by standard proctor methods as needed.

7. Is there any evidence of fires or burning on the structure ? (If YES, specify extent, location, and abatement/extinguishment of such fires) :

None

8. Describe placement of under drains, protective filter systems, and final surface drainage systems (report any seepage, including location, color, flow) :

N/A

9. Describe any appearances of instability, structural weakness, or other hazardous conditions :

None noted. Material being graded and compacted per plan. I.D. sign in place.

10. Please provide any other information pertaining to the stability of the structure (attach any photos taken during the inspection)

- Are there cracks or scarps in crest ? YES NO
- Is there any detectable sloughing or bulging ? YES NO
- Do slope erosion problems exist ? YES NO
- Cracks or scarps in slope ? YES NO
- Surface movements? (valley bottom, hillsides) YES NO
- Erosion of Toe ? YES NO
- Water impounded by structure ? YES NO
- Are diversion ditches stable? YES NO
- Is drainage positive ? YES NO

Could failure of structure create an impoundment (provide description) ? No

Are design standards established within the mining and reclamation plan for the disposal facility being met ?

Yes

Proctor Determination : N/A - Not Tested. Main Pile Removed.

I hereby certify that: I am experienced in the construction of earth and rock fills; I am qualified and authorized in the State of Utah to inspect and certify the condition and appearance of earth and rock fills in accordance with structure; that the fill structure has been maintained in accordance with the 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 or under my direction and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability.

(place P.E. certification below)



State of Utah
DEPARTMENT OF NATURAL RESOURCES
Division of Oil, Gas & Mining

1594 West North Temple, Suite 1210, PO Box 145801, Salt Lake City, UT 84114-5801
 Telephone (801) 538-5340 facsimile (801) 359 3940 TTY (801) 538-7458
 www.ogm.utah.gov



Quarterly Inspection Form - Refuse Disposal Areas
 (please provide to DOGM promptly after inspection is complete)

Permit Number : C/007/022 Inspection Date : 09/20/18
 Mine Name : Savage Coal Terminal Quarter / Year : 3rd / 2018
 Mine Operator (Permittee) : Savage Services Corporation Inspector Name : Dan W. Guy / Nicholas Nielsen
 MSHA ID # : 1211-UT-09-01444-01 Inspector Signature: *Dan W. Guy*
 Facility Name / Location / Address : Savage Coal Terminal, 2025 East 5000 South, Price, Utah 84501

1. Describe any changes in the geometry of the structure (as well as instrumentation, if any, used to monitor changes):
Main refuse pile has been removed. New, small pile has been graded and compacted. No net change in pile amount in 2018.

2. Lift Height / Thickness Avg 24" Maximum 24" # Elevation of Active Benches : 5498 , ,
 3. Vertical Angle of Outslope(s) / Location(s) where measured App. 3H:1V / / /
 4. Total storage capacity: 1,500,000 cy Remaining storage capacity 1,496,000 cy Volume placed during year : No Increase.
 5. Describe foundation preparation (including removal of vegetation, stumps, topsoil, and all other organic material) :
Topsoil / Subsoil removed and stored on site.

6. Describe placement and compaction of fill materials (including an explanation of how compaction is confirmed) :
Dumped by truck. Graded and compacted by dozer and/or wheeled loader. Compaction tested by standard proctor methods as needed.

7. Is there any evidence of fires or burning on the structure ? (If YES, specify extent, location, and abatement/extinguishment of such fires) :
None

8. Describe placement of under drains, protective filter systems, and final surface drainage systems (report any seepage, including location, color, flow) :
N/A

9. Describe any appearances of instability, structural weakness, or other hazardous conditions :
None noted. Material being graded and compacted per plan. I.D. sign in place.

10. Please provide any other information pertaining to the stability of the structure (attach any photos taken during the inspection)

Are there cracks or scarps in crest ?	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>
Is there any detectable sloughing or bulging ?	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>
Do slope erosion problems exist ?	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>
Cracks or scarps in slope ?	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>
Surface movements? (valley bottom, hillsides)	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>
Erosion of Toe ?	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>
Water impounded by structure ?	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>
Are diversion ditches stable?	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>
Is drainage positive ?	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>

Could failure of structure create an impoundment (provide description) ? No

Are design standards established within the mining and reclamation plan for the disposal facility being met ?
Yes

Proctor Determination : N/A - Not Tested. Main Pile Removed.

I hereby certify that: I am experienced in the construction of earth and rock fills; I am qualified and authorized in the State of Utah to inspect and certify the condition and appearance of earth and rock fills in accordance with structure; that the fill structure has been maintained in accordance with the 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 or under my direction and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability.

(place P.E. certification below)

State of Utah
DEPARTMENT OF NATURAL RESOURCES
Division of Oil, Gas & Mining

1594 West North Temple, Suite 1210, PO Box 145801, Salt Lake City, UT 84114-5801
 Telephone (801) 538-5340 facsimile (801) 359 3940 TTY (801) 538-7458
 www.ogm.utah.gov



Quarterly Inspection Form - Refuse Disposal Areas
 (please provide to DOGM promptly after inspection is complete)

Permit Number : C/007/022 Inspection Date : 10/20/18
 Mine Name : Savage Coal Terminal Quarter / Year : 4th / 2018
 Mine Operator (Permittee) : Savage Services Corporation Inspector Name : Dan W. Guy / Nicholas Nielsen
 MSHA ID # : 1211-UT-09-01444-01 Inspector Signature : *Dan W. Guy*
 Facility Name / Location / Address : Savage Coal Terminal , 2025 East 5000 South, Price, Utah 84501

1. Describe any changes in the geometry of the structure (as well as instrumentation, if any, used to monitor changes):
Main refuse pile has been removed. New, small pile has been graded and compacted. No net change in pile amount in 2018.

2. Lift Height / Thickness Avg 24" Maximum 24" # _____ Elevation of Active Benches : 5498 , _____ , _____
 3. Vertical Angle of Outslope(s) / Location(s) where measured App. 3H:1V / _____ / _____ / _____
 4. Total storage capacity: 1,500,000 cy Remaining storage capacity 1,496,000 cy Volume placed during year : No Increase.
 5. Describe foundation preparation (including removal of vegetation, stumps, topsoil, and all other organic material) :
Topsoil / Subsoil removed and stored on site.

6. Describe placement and compaction of fill materials (including an explanation of how compaction is confirmed) :
Dumped by truck. Graded and compacted by dozer and/or wheeled loader. Compaction tested by standard proctor methods as needed.

7. Is there any evidence of fires or burning on the structure ? (If YES, specify extent, location, and abatement/extinguishment of such fires) :
None

8. Describe placement of under drains, protective filter systems, and final surface drainage systems (report any seepage, including location, color, flow) :
N/A

9. Describe any appearances of instability, structural weakness, or other hazardous conditions :
None noted. Material being graded and compacted per plan. I.D. sign in place.

10. Please provide any other information pertaining to the stability of the structure (attach any photos taken during the inspection)

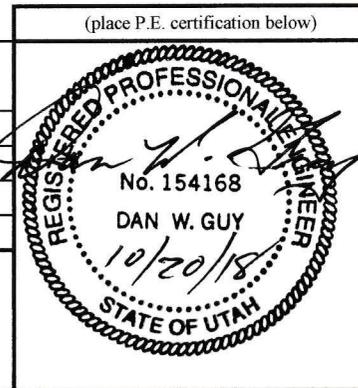
Are there cracks or scarps in crest ? YES NO
 Is there any detectable sloughing or bulging ? YES NO
 Do slope erosion problems exist ? YES NO
 Cracks or scarps in slope ? YES NO
 Surface movements? (valley bottom, hillsides) YES NO
 Erosion of Toe ? YES NO
 Water impounded by structure ? YES NO
 Are diversion ditches stable? YES NO
 Is drainage positive ? YES NO

Could failure of structure create an impoundment (provide description) ? No

Are design standards established within the mining and reclamation plan for the disposal facility being met ?
Yes

Proctor Determination : N/A - Not Tested. Main Pile Removed.

I hereby certify that: I am experienced in the construction of earth and rock fills; I am qualified and authorized in the State of Utah to inspect and certify the condition and appearance of earth and rock fills in accordance with structure; that the fill structure has been maintained in accordance with the 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 or under my direction and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability.



**SAVAGE SERVICES CORPORATION
2018 ANNUAL POND INSPECTION REPORT**

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

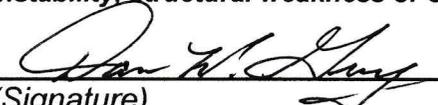
IMPOUNDMENTS	
(1) Stability	Slopes Stable. Incised Pond
(2) Structural Weakness/Erosion	None Noted.
(3) Potential Safety Hazards	None Noted.
(4) Depth of Impounded Water	2.5' Water.
(5) Existing Storage Capacity	1.04 acre feet.
(6) Monitoring Procedures	Quarterly Inspection.

SEDIMENT PONDS ONLY	
(7) Sediment Accumulation (Elevation)	5485.10
(8) 60% Sediment Cleanout Level (Elevation)	5487.20
(9) Principle Spillway (Elevation)	5491.80
(10) Emergency Spillway (Elevation)	5491.80
(11) Existing Sediment Capacity (To Cleanout)	0.34 acre feet.

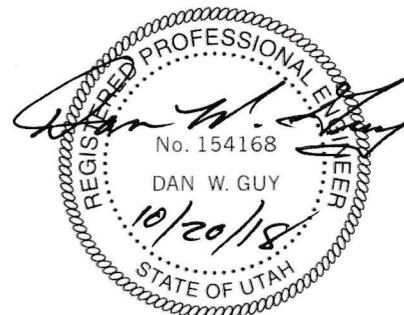
GENERAL	
(12) Comments/Recommendations	No Discharge.

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)

10/20/18
(Date)



**SAVAGE SERVICES CORPORATION
2018 ANNUAL POND INSPECTION REPORT**

POND: Sediment Pond 2 **LOCATION:** Savage Coal Terminal

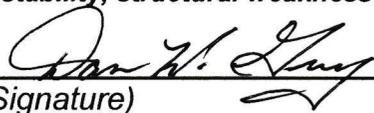
IMPOUNDMENTS	
(1) Stability	Slopes Stable. Incised Pond
(2) Structural Weakness/Erosion	None Noted.
(3) Potential Safety Hazards	None Noted.
(4) Depth of Impounded Water	Dry.
(5) Existing Storage Capacity	0.90 acre feet.
(6) Monitoring Procedures	Quarterly Inspection.

SEDIMENT PONDS ONLY	
(7) Sediment Accumulation (Elevation)	5484.90
(8) 60% Sediment Cleanout Level (Elevation)	5485.50
(9) Principle Spillway (Elevation)	5492.30
(10) Emergency Spillway (Elevation)	5492.30
(11) Existing Sediment Capacity (To Cleanout)	0.12 acre feet.

GENERAL	
(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)

10/20/18
(Date)



**SAVAGE SERVICES CORPORATION
2018 ANNUAL POND INSPECTION REPORT**

POND: Sediment Pond 3 **LOCATION:** Savage Coal Terminal

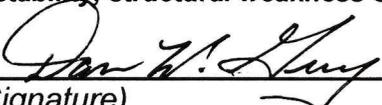
IMPOUNDMENTS	
(1) Stability	Slopes Stable. Incised Pond
(2) Structural Weakness/Erosion	None Noted.
(3) Potential Safety Hazards	None Noted.
(4) Depth of Impounded Water	2.5' Water
(5) Existing Storage Capacity	0.64 acre feet.
(6) Monitoring Procedures	Quarterly Inspection.

SEDIMENT PONDS ONLY	
(7) Sediment Accumulation (Elevation)	5483.60
(8) 60% Sediment Cleanout Level (Elevation)	5484.80
(9) Principle Spillway (Elevation)	5491.40
(10) Emergency Spillway (Elevation)	5491.40
(11) Existing Sediment Capacity (To Cleanout)	0.13 acre feet.

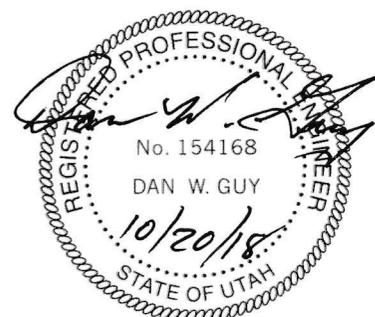
GENERAL	
(12) Comments/Recommendations	No Discharge.

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)

10/20/18
(Date)



**SAVAGE SERVICES CORPORATION
2018 ANNUAL POND INSPECTION REPORT**

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

IMPOUNDMENTS	
(1) Stability	Slopes Stable. Incised Pond
(2) Structural Weakness/Erosion	Some erosion on west bank from recent heavy rain – Repair Scheduled.
(3) Potential Safety Hazards	None Noted.
(4) Depth of Impounded Water	4.5' Water.
(5) Existing Storage Capacity	1.75 acre feet.
(6) Monitoring Procedures	Quarterly Inspection.

SEDIMENT PONDS ONLY	
(7) Sediment Accumulation (Elevation)	5474.20
(8) 60% Sediment Cleanout Level (Elevation)	5475.20
(9) Principle Spillway (Elevation)	5482.00
(10) Emergency Spillway (Elevation)	5482.00
(11) Existing Sediment Capacity (To Cleanout)	0.23 acre feet.

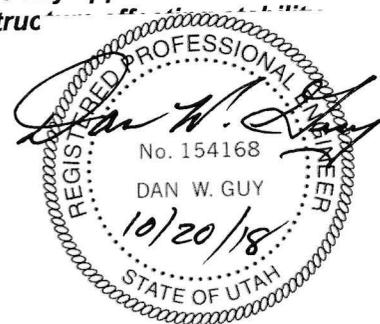
GENERAL	
(12) Comments/Recommendations	No Discharge. Sediment marker okay.

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 struc

Dan W. Guy
(Signature)

10/20/18
(Date)



**SAVAGE SERVICES CORPORATION
2018 ANNUAL POND INSPECTION REPORT**

POND: Sediment Pond 6 **LOCATION:** Savage Coal Terminal

IMPOUNDMENTS	
(1) Stability	Slopes Stable. Incised Pond
(2) Structural Weakness/Erosion	None Noted.
(3) Potential Safety Hazards	None Noted.
(4) Depth of Impounded Water	5.0' Water.
(5) Existing Storage Capacity	0.28 acre feet.
(6) Monitoring Procedures	Quarterly Inspection. U.P.D.E.S. Discharge.

SEDIMENT PONDS ONLY	
(7) Sediment Accumulation (Elevation)	5474.40
(8) 60% Sediment Cleanout Level (Elevation)	5474.70
(9) Principle Spillway (Elevation)	5480.30
(10) Emergency Spillway (Elevation)	5480.30
(11) Existing Sediment Capacity (To Cleanout)	0.06 acre feet.

GENERAL	
(12) Comments/Recommendations	No Discharge. Water from recent rains. Sediment accumulation in south inlet scheduled for cleaning.

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)

10/20/18
(Date)



**SAVAGE SERVICES CORPORATION
2018 ANNUAL IMPOUNDMENT INSPECTION REPORT**

POND: Settling Pond #1 **LOCATION:** Savage Coal Terminal

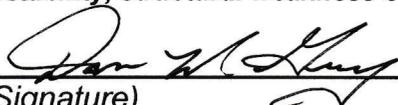
IMPOUNDMENTS	
(1) <i>Stability</i>	<i>Slopes Stable. Incised Pond</i>
(2) <i>Structural Weakness/Erosion</i>	<i>None Noted.</i>
(3) <i>Potential Safety Hazards</i>	<i>None Noted.</i>
(4) <i>Depth of Impounded Water</i>	<i>Dry – Previously Cleaned.</i>
(5) <i>Existing Storage Capacity</i>	<i>N/A</i>
(6) <i>Monitoring Procedures</i>	<i>Quarterly Inspection.</i>

SEDIMENT PONDS ONLY	
(7) <i>Sediment Accumulation (Elevation)</i>	<i>N/A</i>
(8) <i>Sediment Cleanout Level (Elevation)</i>	<i>N/A</i>
(9) <i>Principle Spillway (Elevation)</i>	<i>N/A</i>
(10) <i>Emergency Spillway (Elevation)</i>	<i>N/A</i>
(11) <i>Existing Sediment Capacity (To Cleanout)</i>	<i>N/A</i>

GENERAL	
(12) <i>Comments/Recommendations</i>	<i>Not a Sediment Pond.</i>

STATEMENT

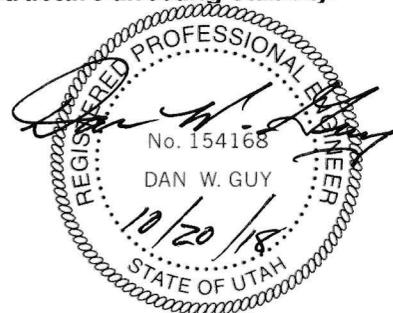
I hereby certify that; I am experienced in the construction of impoundments; I am qualified and authorized in the State of Utah to inspect and certify the condition and appearance of impoundments in accordance with the certified and approved designs for this structure; that the impoundment has been maintained 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.



(Signature)

10/20/18

(Date)



**SAVAGE SERVICES CORPORATION
2018 ANNUAL IMPOUNDMENT INSPECTION REPORT**

POND: Settling Pond #2 **LOCATION:** Savage Coal Terminal

IMPOUNDMENTS	
(1) Stability	<i>Slopes Stable. Incised Pond</i>
(2) Structural Weakness/Erosion	<i>None Noted.</i>
(3) Potential Safety Hazards	<i>None Noted.</i>
(4) Depth of Impounded Water	<i>Dry</i>
(5) Existing Storage Capacity	<i>N/A</i>
(6) Monitoring Procedures	<i>Quarterly Inspection.</i>

SEDIMENT PONDS ONLY	
(7) Sediment Accumulation (Elevation)	<i>N/A</i>
(8) Sediment Cleanout Level (Elevation)	<i>N/A</i>
(9) Principle Spillway (Elevation)	<i>N/A</i>
(10) Emergency Spillway (Elevation)	<i>N/A</i>
(11) Existing Sediment Capacity (To Cleanout)	<i>N/A</i>

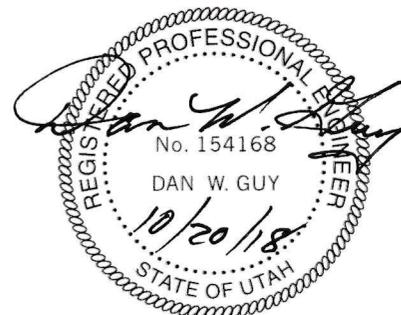
GENERAL	
(12) Comments/Recommendations	<i>Not a Sediment Pond. No Inflow.</i>

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)

10/20/18
(Date)



**SAVAGE SERVICES CORPORATION
2018 ANNUAL IMPOUNDMENT INSPECTION REPORT**

POND: Settling Pond #3 **LOCATION:** Savage Coal Terminal

IMPOUNDMENTS	
(1) Stability	<i>Slopes Stable. Incised Pond</i>
(2) Structural Weakness/Erosion	<i>None Noted.</i>
(3) Potential Safety Hazards	<i>None Noted.</i>
(4) Depth of Impounded Water	<i>2/3 Full of Coal Fines / Water.</i>
(5) Existing Storage Capacity	<i>N/A</i>
(6) Monitoring Procedures	<i>Quarterly Inspection.</i>

SEDIMENT PONDS ONLY	
(7) Sediment Accumulation (Elevation)	<i>N/A</i>
(8) Sediment Cleanout Level (Elevation)	<i>N/A</i>
(9) Principle Spillway (Elevation)	<i>N/A</i>
(10) Emergency Spillway (Elevation)	<i>N/A</i>
(11) Existing Sediment Capacity (To Cleanout)	<i>N/A</i>

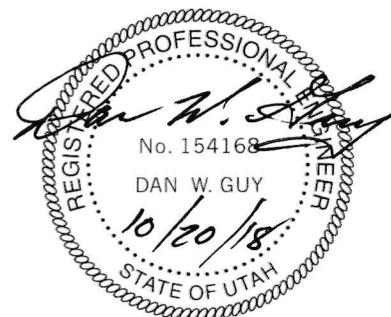
GENERAL	
(12) Comments/Recommendations	<i>Not a Sediment Pond.</i>

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.


(Signature)

10/20/18
(Date)



**SAVAGE SERVICES CORPORATION
2018 ANNUAL IMPOUNDMENT INSPECTION REPORT**

POND: Settling Pond #4 **LOCATION:** Savage Coal Terminal

IMPOUNDMENTS	
(1) Stability	<i>Slopes Stable. Incised Pond</i>
(2) Structural Weakness/Erosion	<i>None Noted.</i>
(3) Potential Safety Hazards	<i>None Noted.</i>
(4) Depth of Impounded Water	<i>Dry.</i>
(5) Existing Storage Capacity	<i>N/A</i>
(6) Monitoring Procedures	<i>Quarterly Inspection.</i>

SEDIMENT PONDS ONLY	
(7) Sediment Accumulation (Elevation)	<i>N/A</i>
(8) Sediment Cleanout Level (Elevation)	<i>N/A</i>
(9) Principle Spillway (Elevation)	<i>N/A</i>
(10) Emergency Spillway (Elevation)	<i>N/A</i>
(11) Existing Sediment Capacity (To Cleanout)	<i>N/A</i>

GENERAL	
(12) Comments/Recommendations	<i>Not a Sediment Pond.</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)

10/20/18
(Date)

