Task #4564

HIAWATHA COAL COMPANY, INC.

P.O. Box 1240
Huntington, Utah 84528

Office (435) 637-1778
FAX (435) 637-1778

March 24, 2014

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

To Whom It May Concern,

Re: Annual Report 2013, Hiawatha Coal Company, Hiawatha Mine, C/007/011

Enclosed is an electronic submittal of the 2013 Annual Report for Hiawatha Coal Company. A hard copy is being mailed out, to the Salt Lake office.

If you have any questions, please call me at (801) 857-0399 or email me at charles.reynolds@hiawathacoal.com.

Sincerely,

Charles Reynolds, PE
Mine Manager

Print Form | Submit by Email | Reset Form

Annual Report

This Annual Report shows information the Division has for your mine. Submit the completed document and any additional information identified in the Appendices to the Division by the date specified in the cover letter. During a complete inspection an inspector will check and verify the information.

GENERAL INFORMATION

Company Name	Hiawatha Coal Company, Inc.	Mine Name	Hiawatha Mine Complex
Permit Number	C/007/0011	Permit expiration Date	03/14/2017
Operator Name	Hiawatha Coal Company, Inc.	Phone Number	+1 (435) 637-1778
Mailing Address	P.O. Box 1240	Email	charles.reynolds@hiawathacoal.com
City	Huntington		
State	Utah	Zip Code	84528

		DOGM File Location or Annual Report Location
Excess Spoil Piles	☐ Required ☒ Not Required	Not Required
Refuse Piles	☒ Required ☐ Not Required	Appendix A
Impoundments	☒ Required ☐ Not Required	Appendix A
Other: Water Monitoring		Electronic database

OPERATOR COMMENTS

Vegetation sampling was completed in 2013, for phase 2 bond release. However, the final report is not yet available, from the consultant. Hiawatha will submit the report upon availability.

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: REACTIVATION OF OPERATIONAL MONITORING OF SPRINGS
Objective: Monitor springs SP-2, SP-4, SP-5, SP-11, SP-11, SP-12, and SP-13.
Frequency: Quarterly sampling to initiate at least two years prior to resuming underground mining activities.
Status: Monitoring suspended while in temporary cessation.
Reports: Notify Division in Annual report if/when mining is to occur.
Citation: MRP, Chapter 7, Section R645-731.214, Table 7-17.

Title: SUBSIDENCE MONITORING
Objective: Prior to any future mining, the Permittee commits to collect updated survey information on all subsidence monitoring points to establish a baseline from which to compare data.
Frequency: annually
Status: Suspended while mine is in temporary cessation.
Reports: annual reports.
Citation: MRP, Volume 4, Chapter 5, page 5-50

Title: COAL MINE WASTE CLEANUP
Objective: Remove coal mine waste from areas of slurry ponds and refuse piles.
Frequency: Ongoing
Status: After rough grading to final contour, but prior to topsoil application at final reclamation.
Reports: Keep records of activity/ volumes to report in bond release application.
Citation: MRP, Chapter 5, Section R645-301-541, page 5-103, 5-104 and Ex. II-4A.

Title: NUTRIENTS AND AMENDMENTS TO TOPSOIL
Objective: Ensure adequate growth medium
Frequency: Composite sample topsoil for nutrient status after topsoil application at final reclamation.
Status: At final reclamation.
Reports: Report analytical results to Division prior to fertilizer application.
Citation: MRP, Chapter 2, page 2-40 and Chapter 5, Section R645-301-541, page 5-104.

Title: REMOVAL OF COAL WASTE
Objective: Remove coal waste from railroad tracks and from small waste piles adjacent to Lower Preparation Plant in order to create a non-toxic root zone of four feet. Waste should be placed in slurry pond 1.
Frequency: After removal of railroad tracks from Hiawatha yard.
Status: Long term, final reclamation of slurry pond 1.
Reports: Keep records of activity/volumes to report in bond release application.
Citation: MRP, Chapter 5, Section r645-301-541, page 5-104.

Title: SAMPLE SLURRY POND #1 AND #5A PRIOR TO REGRADING FOR ACID/TOXIC CHARACTERISTICS.
Objective: Maintain a non-toxic root zone of four feet.
Frequency: After rough grading to final contour, but prior to topsoil application at final relcamation.
Status: At final reclamation, prior to topsoil application.
Reports: Report analytical results to Division prior to topsoil application.
Citation: MRP, Chapter 2, Section r645-301-241, page 2-40

Title: SUBSOIL SAMPLING
Objective: Maintain a non-toxic root zone of four feet.
Frequency: After rough grading to final contour, but prior to topsoil application at final reclamation.
Status: At final reclamation.
Reports: Report analytical results to Division prior to topsoil application.
Citation: MRP, Chapter 2, Section r645-301-241, page 2-40

OPERATOR COMMENTS (OPTIONAL)

REVIEWER COMMENTS

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:

The Department of Commerce, Annual Report of Officers is in Appendix C

Reviewer Comments

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
Annual Subsidence Map	Not Required	☐	☒	☐	☒
Mine Map	No Change	☐	☒	☐	☒
		☐	☐	☐	☐
		☐	☐	☐	☐
		☐	☐	☐	☐

Reviewer Comments ☐ Met Requirements ☐ Did Not Meet Requirements

APPENDIX A

Certified Reports

Excess Spoil Piles
Refuse Piles
Impoundments

As required under R645-301-514

CONTENTS

Slurry Pond 1 Annual Inspection
Slurry Pond 5a Annual Inspection
Refuse Pile 1 Annual Inspection
Pond D003 Annual Inspection Report
Pond D004 Annual Inspection Report
Pond D006 Annual Inspection Report
Pond D007 Annual Inspection Report
Pond D008 Annual Inspection Report
Pond D009 Annual Inspection Report
Pond D0011 Annual Inspection Report

INSPECTION AND CERTIFIED REPORT ON EXCESS SPOIL PILE OR REFUSE PILE		1	Page 1 of 2
Permit Number	C/007/011	**Report Date**	12/19/2013
Mine Name	Hiawatha Mine Complex		
Company Name	Hiawatha Coal Company, Inc.		
Excess Spoil Pile or Refuse Pile Identification	**Pile Name**	Slurry Pond 1	
	Pile Number		
	MSHA ID Number	N/A	
Inspection Date	12/19/2013		
Inspected By	Dana Jenkins		
Reason for Inspection (Annual, Quarterly or Other Periodic Inspection, Critical Installation, or Completion of Construction)		Annual, Quarterly.	
		Attachments to Report?	**X No** ☐ **Yes**

Field Evaluation

1. Foundation preparation, including the removal of all organic material and topsoil.

N/A

2. Placement of underdrains and protective filter systems.

N/A

3. Installation of final surface drainage systems.

N/A

4. Placement and compaction of fill materials.

91,515.56 tons of coal fines were removed from Slurry Pond 1, in 2013. In addition, reclamation began consisting of removing the refuse, from the top of the dam & placing inside the slurry pond. This reclamation work will continue in 2014. Upon completion, final configuration as-builts will be submitted to the Division.

5. Final grading and revegetation of fill.

N/A

6. Appearances of instability, structural weakness, and other hazardous conditions.

There have been no signs of embankment instability or fires in 2013.

7. Other Comments. Describe any changes in the geometry of the Excess Spoil/Refuse Pile structure, instrumentation, average and maximum lifts of materials placed in the pile, elevations of active benches, total and remaining storage capacity of the structure, evidence of fires in the pile and abatement of such fires, volumes of materials placed in the structure during the year, and any other aspect of the structure affecting its stability or function which has occurred during the reporting period.

Slurry pond 1 was inspected as a refuse pile, because the banks and interior contain coal fines and refuse, which are currently being reclaimed. Upon completion of reclamation, final configuration as-builts will be submitted to the division.

Certification Statement

[Cert. Stamp]

LICENSED PROFESSIONAL ENGINEER
CHARLES REYNOLDS
No. 179670
STATE OF UTAH

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 the certified and approved designs for this structure; that the fill structure has been maintained in accordance with approved design and meet or exceed 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.

By: Charles Reynolds, Mine Manager
(Full Name and Title)

Signature: [signature] **Date:** 12/19/2013

P.E. Number & State: 179670, Utah

INSPECTION AND CERTIFIED REPORT ON EXCESS SPOIL PILE OR REFUSE PILE		1	Page 1 of 2
Permit Number	C/007/011	**Report Date**	12/19/2013
Mine Name	Hiawatha Mine Complex		
Company Name	Hiawatha Coal Company, Inc.		
Excess Spoil Pile or Refuse Pile Identification	**Pile Name**	Slurry Pond 5A	
	Pile Number		
	MSHA ID Number	N/A	
Inspection Date	12/19/2013		
Inspected By	Dana Jenkins		
Reason for Inspection (Annual, Quarterly or Other Periodic Inspection, Critical Installation, or Completion of Construction)		Annual, Quarterly.	
		Attachments to Report?	**X** No ☐ Yes

Field Evaluation

1. Foundation preparation, including the removal of all organic material and topsoil.

N/A

2. Placement of underdrains and protective filter systems.

N/A

3. Installation of final surface drainage systems.

N/A

4. Placement and compaction of fill materials.

15,643.99 tons of coal fines were removed from Slurry Pond 1, in 2013. Coal fine removal will continue in 2014. Upon completion, final configuration as-builts will be submitted to the Division.

5. Final grading and revegetation of fill.

N/A

6. Appearances of instability, structural weakness, and other hazardous conditions.

There have been no signs of embankment instability or fires in 2013.

7. Other Comments. Describe any changes in the geometry of the Excess Spoil/Refuse Pile structure, instrumentation, average and maximum lifts of materials placed in the pile, elevations of active benches, total and remaining storage capacity of the structure, evidence of fires in the pile and abatement of such fires, volumes of materials placed in the structure during the year, and any other aspect of the structure affecting its stability or function which has occurred during the reporting period.

Slurry pond 5A was inspected as a refuse pile, because the banks and interior contain coal fines and refuse, which are currently being reclaimed. Upon completion of reclamation, final configuration as-builts will be submitted to the division.

Certification Statement

LICENSED PROFESSIONAL ENGINEER
CHARLES REYNOLDS
No. 179670
STATE OF UTAH

[Cert. Stamp]

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 the certified and approved designs for this structure; that the fill structure has been maintained in accordance with approved design and meet or exceed 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.

By: Charles Reynolds, Mine Manager
(Full Name and Title)

Signature: [signature] **Date:** 12/19/2013

P.E. Number & State: 179670, Utah

INSPECTION AND CERTIFIED REPORT ON EXCESS SPOIL PILE OR REFUSE PILE		1	Page 1 of 2
Permit Number	C/007/011	**Report Date**	12/19/2013
Mine Name	Hiawatha Mine Complex		
Company Name	Hiawatha Coal Company, Inc.		
Excess Spoil Pile or Refuse Pile Identification	**Pile Name**	Refuse Pile No. 1	
	Pile Number	1	
	MSHA ID Number	1211-UT-09-02157-04	
Inspection Date	12/19/2013		
Inspected By	Dana Jenkins		
Reason for Inspection (Annual, Quarterly or Other Periodic Inspection, Critical Installation, or Completion of Construction)		Annual, Quarterly.	
		Attachments to Report?	**X** No ☐ Yes

Field Evaluation

1. Foundation preparation, including the removal of all organic material and topsoil.

N/A.

2. Placement of underdrains and protective filter systems.

N/A

3. Installation of final surface drainage systems.

N/A

4. Placement and compaction of fill materials.

Some material was added to the pile, from the clean out of sediment pond D008. Clean out began in 2013 & will be completed in 2014. Upon completion of clean out, an as-built will be submitted to the Division.

5. Final grading and revegetation of fill.

N/A

6. Appearances of instability, structural weakness, and other hazardous conditions.

There have been no signs of embankment instability or fires in 2013.

7. Other Comments. Describe any changes in the geometry of the Excess Spoil/Refuse Pile structure, instrumentation, average and maximum lifts of materials placed in the pile, elevations of active benches, total and remaining storage capacity of the structure, evidence of fires in the pile and abatement of such fires, volumes of materials placed in the structure during the year, and any other aspect of the structure affecting its stability or function which has occurred during the reporting period.

Some material was added to the pile, from the clean out of sediment pond D008. Clean out began in 2013 & will be completed in 2014. Upon completion of clean out, an as-built will be submitted to the Division.

Certification Statement

[Cert. Stamp]

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 the certified and approved designs for this structure; that the fill structure has been maintained in accordance with approved design and meet or exceed 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.

By: Charles Reynolds, Mine Manager
(Full Name and Title)

Signature: [signature] **Date:** 12/19/2013

P.E. Number & State: 179670, Utah

IMPOUNDMENT INSPECTION AND CERTIFIED REPORT		D003	Page 1 of 2
Permit Number	C/007/011	**Report Date**	12/19/2013
Mine Name	Hiawatha Mine Complex		
Company Name	Hiawatha Coal Company, Inc.		
Impoundment Identification	**Impoundment Name**	Upper Rail Yard Sediment Pond	
	Impoundment Number	D003	
	UPDES Permit Number	UT0023094	
	MSHA ID Number	N\A	

IMPOUNDMENT INSPECTION

Inspection Date	December 19, 2013
Inspected By	Dana Jenkins
Reason for Inspection (Annual, Quarterly or Other Periodic Inspection, Critical Installation, or Completion of Construction)	Annual, Quarterly.

1. Describe any appearance of any instability, structural weakness, or any other hazardous condition.

The dam was sound & had no signs of structural weakness, erosion or any other hazards, at the time of inspection.

Required for an impoundment which functions as a SEDIMENTATION POND.

2. Sediment storage capacity, including elevation of 60% and 100% sediment storage volumes, and, estimated average elevation of existing sediment.

Sediment storage capacity = 0.60 ac-ft
60% cleanout elevation = 7211.5
100% sediment storage elevation = 7212.7
Existing sediment elevation = 7207.7

3. Principle and emergency spillway elevations.

Principle spillway elevation = 7214.5
Emergency spillway elevation = 7217.7

4. Field Information. Provide current water elevation, whether pond is discharging, type and number of samples taken, monitoring/instrumentation information, inlet/outlet conditions, or other related activities associated with the pond including but not limited to sediment cleanout, pond decanting, embankment erosion/repairs, monitoring information, vegetation on outslopes of embankments, etc.

No discharges occurred in 2012. Both, the pond inlets and outlets are fine. The pond is well vegetated. No changes have been made to the configuration, since the last annual inspection.

5. Field Evaluation. Describe any changes in the geometry of the impounding structure, average and maximum depths and elevations of impounded water, estimated sediment or slurry volume and remaining storage capacity, estimated volume of water impounded, and any other aspect of the impounding structure affecting its stability or function which has occurred during the reporting period.

No changes have occurred in the geometry of the pond. The existing sediment volume is 0.15 ac-ft. The existing storage capacity is 2.28 ac-ft, which is greater than the 0.76 Ac-ft required.

Qualification Statement

I hereby certify that; I am experienced in the construction of impoundments; I am qualified and authorized under the direction of a Registered Professional Engineer to inspect 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 meet or exceed 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: _____ **Date:** 12/19/13

IMPOUNDMENT INSPECTION AND CERTIFIED REPORT	D003	Page 2 of 2

CERTIFIED REPORT

IMPOUNDMENT EVALUATION (If NO, explain under Comments)	YES	NO
1. Is impoundment designed and constructed in accordance with the approved plan?	X	
2. Is impoundment free of instability, structural weakness, or any other hazardous condition?	X	
3. Has the impoundment met all applicable performance standards and effluent limitations from the previous date of inspection?	X	

COMMENTS AND OTHER INFORMATION

The sediment pond appears to be functioning according to its design. The sediment level hasn't noticeably increased since the previous year of 2012.

Certification Statement:

[PE Cert. Stamp]

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 meet or exceed 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 in accordance with the Utah R645 Coal Mining Rules.

By: Charles Reynolds, Mine Mgr
(Full Name and Title)

Signature: [signature] **Date:** 12/19/13

P.E. Number & State: 179670, Utah

IMPOUNDMENT INSPECTION AND CERTIFIED REPORT		D004	Page 1 of 2
Permit Number	C/007/011	**Report Date**	12/19/2013
Mine Name	Hiawatha Mine Complex		
Company Name	Hiawatha Coal Company, Inc.		
Impoundment Identification	**Impoundment Name**	Pond North of Slurry Pond 1	
	Impoundment Number	D004	
	UPDES Permit Number	UT0023094	
	MSHA ID Number	N\A	

IMPOUNDMENT INSPECTION

Inspection Date	December 19, 2013
Inspected By	Dana Jenkins
Reason for Inspection (Annual, Quarterly or Other Periodic Inspection, Critical Installation, or Completion of Construction)	Annual, Quarterly.

1. Describe any appearance of any instability, structural weakness, or any other hazardous condition.

The dam was sound & had no signs of structural weakness, erosion or any other hazards, at the time of inspection.

Required for an impoundment which functions as a SEDIMENTATION POND.

2. Sediment storage capacity, including elevation of 60% and 100% sediment storage volumes, and, estimated average elevation of existing sediment.

Sediment storage capacity = 0.84 ac-ft
60% cleanout elevation = 7087.8
100% sediment storage elevation = 7089.1
Existing sediment elevation = 7085.0

3. Principle and emergency spillway elevations.

Principle spillway elevation = 7089.3
Emergency spillway elevation = 7093.2

4. Field Information. Provide current water elevation, whether pond is discharging, type and number of samples taken, monitoring/instrumentation information, inlet/outlet conditions, or other related activities associated with the pond including but not limited to sediment cleanout, pond decanting, embankment erosion/repairs, monitoring information, vegetation on outslopes of embankments, etc.

No discharges occurred in 2012. Both, the pond inlets and outlets are fine. The pond is well vegetated. No changes have been made to the configuration, since the last annual inspection.

5. Field Evaluation. Describe any changes in the geometry of the impounding structure, average and maximum depths and elevations of impounded water, estimated sediment or slurry volume and remaining storage capacity, estimated volume of water impounded, and any other aspect of the impounding structure affecting its stability or function which has occurred during the reporting period.

No changes in the geometry of the pond have occurred. The existing sediment volume is 0.03 ac-ft. The existing storage capacity is 1.38 ac-ft, which is greater than the 0.54 ac-ft required.

Qualification Statement

I hereby certify that; I am experienced in the construction of impoundments; I am qualified and authorized under the direction of a Registered Professional Engineer to inspect 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 meet or exceed 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: Charles Reynolds **Date:** 12/19/13

CERTIFIED REPORT

IMPOUNDMENT INSPECTION AND CERTIFIED REPORT	D004	Page 2 of 2	
IMPOUNDMENT EVALUATION (If NO, explain under Comments)		**YES**	**NO**
1. Is impoundment designed and constructed in accordance with the approved plan?		X	
2. Is impoundment free of instability, structural weakness, or any other hazardous condition?		X	
3. Has the impoundment met all applicable performance standards and effluent limitations from the previous date of inspection?		X	

COMMENTS AND OTHER INFORMATION

The sediment pond appears to be functioning according to its design. The sediment level hasn't noticeably increased since the previous year of 2012.

Certification Statement:

[PE Cert. Stamp]

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 meet or exceed 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 in accordance with the Utah R645 Coal Mining Rules.

By: Charles Reynolds, Mine Mgr
(Full Name and Title)

Signature: [signature] **Date:** 12/19/13

P.E. Number & State: 179670, Utah

IMPOUNDMENT INSPECTION AND CERTIFIED REPORT		D006	Page 1 of 2
Permit Number	C/007/011	**Report Date**	12/19/2013
Mine Name	Hiawatha Mine Complex		
Company Name	Hiawatha Coal Company, Inc.		
Impoundment Identification	**Impoundment Name**	Pond East of Slurry Pond 5A	
	Impoundment Number	D006	
	UPDES Permit Number	UT0023094	
	MSHA ID Number	N\A	

IMPOUNDMENT INSPECTION

Inspection Date	December 19, 2013
Inspected By	Dana Jenkins
Reason for Inspection (Annual, Quarterly or Other Periodic Inspection, Critical Installation, or Completion of Construction)	Annual, Quarterly.

1. Describe any appearance of any instability, structural weakness, or any other hazardous condition.

The dam was sound & had no signs of structural weakness, erosion or any other hazards, at the time of inspection.

Required for an impoundment which functions as a SEDIMENTATION POND.

2. Sediment storage capacity, including elevation of 60% and 100% sediment storage volumes, and, estimated average elevation of existing sediment.

Sediment storage capacity = 1.21 ac-ft
60% cleanout elevation = 6990.0
100% sediment storage elevation = 6991.1
Existing sediment elevation = 6987.4

3. Principle and emergency spillway elevations.

Principle spillway elevation = 6992.6
Emergency spillway elevation = 6993.75

4. Field Information. Provide current water elevation, whether pond is discharging, type and number of samples taken, monitoring/instrumentation information, inlet/outlet conditions, or other related activities associated with the pond including but not limited to sediment cleanout, pond decanting, embankment erosion/repairs, monitoring information, vegetation on outslopes of embankments, etc.

No discharges occurred in 2012. Both, the pond inlets and outlets are fine. The pond is well vegetated. No changes have been made to the configuration, since the last annual inspection.

5. Field Evaluation. Describe any changes in the geometry of the impounding structure, average and maximum depths and elevations of impounded water, estimated sediment or slurry volume and remaining storage capacity, estimated volume of water impounded, and any other aspect of the impounding structure affecting its stability or function which has occurred during the reporting period.

No changes in the geometry of the pond have occurred. The pond currently contains 0.04 ac-ft of sediment. The existing storage capacity is 2.96 ac-ft, which is greater than the 1.32 ac-ft required.

Qualification Statement

LICENSED PROFESSIONAL ENGINEER
CHARLES REYNOLDS
No. 179670
STATE OF UTAH

I hereby certify that; I am experienced in the construction of impoundments; I am qualified and authorized under the direction of a Registered Professional Engineer to inspect 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 meet or exceed 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: Charles Reynolds **Date:** 12/19/3

CERTIFIED REPORT

IMPOUNDMENT INSPECTION AND CERTIFIED REPORT	D006	Page 2 of 2	
IMPOUNDMENT EVALUATION (If NO, explain under Comments)		**YES**	**NO**
1. Is impoundment designed and constructed in accordance with the approved plan?		X	
2. Is impoundment free of instability, structural weakness, or any other hazardous condition?		X	
3. Has the impoundment met all applicable performance standards and effluent limitations from the previous date of inspection?		X	

COMMENTS AND OTHER INFORMATION

The sediment pond appears to be functioning according to its design. The sediment level hasn't noticeably increased since the previous year of 2012.

Certification 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 meet or exceed 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 in accordance with the Utah R645 Coal Mining Rules.

LICENSED PROFESSIONAL ENGINEER
CHARLES REYNOLDS
No. 179670
STATE OF UTAH

[PE Cert. Stamp]

By: Charles Reynolds, Mine Mgr.
(Full Name and Title)

Signature: Charles Reynolds **Date:** 12/19/13

P.E. Number & State: 179670, Utah

IMPOUNDMENT INSPECTION AND CERTIFIED REPORT		D007	Page 1 of 2
Permit Number	C/007/011	**Report Date**	12/19/2013
Mine Name	Hiawatha Mine Complex		
Company Name	Hiawatha Coal Company, Inc.		
Impoundment Identification	**Impoundment Name**	Pond Southeast of Slurry Pond 5	
	Impoundment Number	D007	
	UPDES Permit Number	UT0023094	
	MSHA ID Number	N\A	

IMPOUNDMENT INSPECTION

Inspection Date	December 19, 2013
Inspected By	Dana Jenkins
Reason for Inspection (Annual, Quarterly or Other Periodic Inspection, Critical Installation, or Completion of Construction)	Annual, Quarterly.

1. Describe any appearance of any instability, structural weakness, or any other hazardous condition.

The dam was sound & had no signs of structural weakness, erosion or any other hazards, at the time of inspection.

Required for an impoundment which functions as a SEDIMENTATION POND.

2. Sediment storage capacity, including elevation of 60% and 100% sediment storage volumes, and, estimated average elevation of existing sediment.

Sediment storage capacity = 0.68 ac-ft
60% cleanout elevation = 6,990.9
100% sediment storage elevation = 6,991.2
Existing sediment elevation = 6,986.2

3. Principle and emergency spillway elevations.

Principle spillway elevation = 6,991.7
Emergency spillway elevation = 6,996.5

4. Field Information. Provide current water elevation, whether pond is discharging, type and number of samples taken, monitoring/instrumentation information, inlet/outlet conditions, or other related activities associated with the pond including but not limited to sediment cleanout, pond decanting, embankment erosion/repairs, monitoring information, vegetation on outslopes of embankments, etc.

No discharges occurred in 2012. Both, the pond inlets and outlets are fine. The pond is well vegetated. No changes have been made to the configuration, since the last annual inspection.

5. Field Evaluation. Describe any changes in the geometry of the impounding structure, average and maximum depths and elevations of impounded water, estimated sediment or slurry volume and remaining storage capacity, estimated volume of water impounded, and any other aspect of the impounding structure affecting its stability or function which has occurred during the reporting period.

No changes in the geometry of the pond have occurred. The pond currently contains 0.18 ac-ft sediment. The existing storage capacity is 2.42 ac-ft, which is greater than the 0.74 ac-ft required.

Qualification Statement

I hereby certify that; I am experienced in the construction of impoundments; I am qualified and authorized under the direction of a Registered Professional Engineer to inspect 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 meet or exceed 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: _____ **Date:** 12/19/13

CERTIFIED REPORT

IMPOUNDMENT INSPECTION AND CERTIFIED REPORT	D007	Page 2 of 2	
IMPOUNDMENT EVALUATION (If NO, explain under Comments)		**YES**	**NO**
1. Is impoundment designed and constructed in accordance with the approved plan?		X	
2. Is impoundment free of instability, structural weakness, or any other hazardous condition?		X	
3. Has the impoundment met all applicable performance standards and effluent limitations from the previous date of inspection?		X	

COMMENTS AND OTHER INFORMATION

The sediment pond appears to be functioning according to its design. The sediment level hasn't noticeably increased since the previous year of 2012.

Certification Statement:

[PE Cert. Stamp]

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 meet or exceed 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 in accordance with the Utah R645 Coal Mining Rules.

By: Charles Reynolds, Mine Mgr
(Full Name and Title)

Signature: [signature] **Date:** 12/19/13

P.E. Number & State: 179610, Utah

IMPOUNDMENT INSPECTION AND CERTIFIED REPORT		D008	Page 1 of 2
Permit Number	C/007/011	**Report Date**	12/19/2013
Mine Name	Hiawatha Mine Complex		
Company Name	Hiawatha Coal Company, Inc.		
Impoundment Identification	**Impoundment Name**	Middle Fork Sediment Pond	
	Impoundment Number	D008	
	UPDES Permit Number	UT0023094	
	MSHA ID Number	N\A	

IMPOUNDMENT INSPECTION

Inspection Date	December 19, 2013
Inspected By	Dana Jenkins
Reason for Inspection (Annual, Quarterly or Other Periodic Inspection, Critical Installation, or Completion of Construction)	Annual, Quarterly.

1. Describe any appearance of any instability, structural weakness, or any other hazardous condition.

The dam was sound & had no signs of structural weakness, erosion or any other hazards, at the time of inspection.

Required for an impoundment which functions as a SEDIMENTATION POND.

2. Sediment storage capacity, including elevation of 60% and 100% sediment storage volumes, and, estimated average elevation of existing sediment.

Sediment storage capacity = 0.48 ac-ft
60% cleanout elevation = 8,034.8
100% sediment storage elevation = 8,036.1
Existing sediment elevation = 8,038.6

3. Principle and emergency spillway elevations.

Principle spillway elevation = 8,042.0
Emergency spillway elevation = 8,045.5

4. Field Information. Provide current water elevation, whether pond is discharging, type and number of samples taken, monitoring/instrumentation information, inlet/outlet conditions, or other related activities associated with the pond including but not limited to sediment cleanout, pond decanting, embankment erosion/repairs, monitoring information, vegetation on outslopes of embankments, etc.

No discharges occurred in 2012. Both, the pond inlets and outlets are fine. The pond is well vegetated. Clean out of the pond began in the summer of 2013. However, off site flooding as a result of the 2012 forest fire precluded access to the pond to complete clean out. Clean out will be completed in the spring of 2014, as soon as weather conditions allow access to the canyon to be restored.

5. Field Evaluation. Describe any changes in the geometry of the impounding structure, average and maximum depths and elevations of impounded water, estimated sediment or slurry volume and remaining storage capacity, estimated volume of water impounded, and any other aspect of the impounding structure affecting its stability or function which has occurred during the reporting period.

The pond is full, due to excessive run off from the floods that occurred after the fire. The pond can't be cleaned out at the present time, due to excessive cold, the ground is frozen. The pond is scheduled for cleanout in the spring of 2013.

Qualification Statement

I hereby certify that; I am experienced in the construction of impoundments; I am qualified and authorized under the direction of a Registered Professional Engineer to inspect 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 meet or exceed 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: Charles Reynolds **Date:** 12/19/13

IMPOUNDMENT INSPECTION AND CERTIFIED REPORT	D008	Page 2 of 2

CERTIFIED REPORT

IMPOUNDMENT EVALUATION (If NO, explain under Comments)	YES	NO
1. Is impoundment designed and constructed in accordance with the approved plan?	X	
2. Is impoundment free of instability, structural weakness, or any other hazardous condition?	X	
3. Has the impoundment met all applicable performance standards and effluent limitations from the previous date of inspection?	X	

COMMENTS AND OTHER INFORMATION

The sediment pond appears to be functioning according to its design. Clean out began in 2013 & will be completed in 2014. Upon completion of clean out, an as-built will be submitted to the Division.

Certification Statement:

[PE Cert. Stamp]

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 meet or exceed 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 in accordance with the Utah R645 Coal Mining Rules.

By: Charles Reynolds Mine Mgr
(Full Name and Title)

Signature: Charles Reynolds **Date:** 12/19/13

P.E. Number & State: 179170, Utah

IMPOUNDMENT INSPECTION AND CERTIFIED REPORT		D009	Page 1 of 2
Permit Number	C/007/011	**Report Date**	12/19/2013
Mine Name	Hiawatha Mine Complex		
Company Name	Hiawatha Coal Company, Inc.		
Impoundment Identification	**Impoundment Name**	South Fork Upper Sediment Pond	
	Impoundment Number	D009	
	UPDES Permit Number	UT0023094	
	MSHA ID Number	N\A	

IMPOUNDMENT INSPECTION

Inspection Date	December 19, 2013
Inspected By	Dana Jenkins
Reason for Inspection (Annual, Quarterly or Other Periodic Inspection, Critical Installation, or Completion of Construction)	Annual, Quarterly.

1. Describe any appearance of any instability, structural weakness, or any other hazardous condition.

The dam was sound & had no signs of structural weakness, erosion or any other hazards, at the time of inspection.

Required for an impoundment which functions as a SEDIMENTATION POND.

2. Sediment storage capacity, including elevation of 60% and 100% sediment storage volumes, and, estimated average elevation of existing sediment.

Sediment storage capacity = 0.76 ac-ft
60% cleanout elevation = 7,902.2
100% sediment storage elevation = 7,903.5
Existing sediment elevation = 7,901.9

3. Principle and emergency spillway elevations.

Principle spillway elevation = 7,903.5
Emergency spillway elevation = 7,910.6

4. Field Information. Provide current water elevation, whether pond is discharging, type and number of samples taken, monitoring/instrumentation information, inlet/outlet conditions, or other related activities associated with the pond including but not limited to sediment cleanout, pond decanting, embankment erosion/repairs, monitoring information, vegetation on outslopes of embankments, etc.

No discharges occurred in 2012. Both, the pond inlets and outlets are fine. The pond is well vegetated. No changes have been made to the configuration, since the last annual inspection.

5. Field Evaluation. Describe any changes in the geometry of the impounding structure, average and maximum depths and elevations of impounded water, estimated sediment or slurry volume and remaining storage capacity, estimated volume of water impounded, and any other aspect of the impounding structure affecting its stability or function which has occurred during the reporting period.

No changes in the geometry of the pond have occurred. The pond currently contains 0.47 acre-ft of sediment. The existing storage capacity is 3.28 ac-ft, which is greater than the 2.99 ac-ft required.

Qualification Statement

I hereby certify that; I am experienced in the construction of impoundments; I am qualified and authorized under the direction of a Registered Professional Engineer to inspect 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 meet or exceed 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: Charles Reynolds **Date:** 12/19/13

CERTIFIED REPORT

IMPOUNDMENT INSPECTION AND CERTIFIED REPORT	D009	Page 2 of 2	
IMPOUNDMENT EVALUATION (If NO, explain under Comments)		**YES**	**NO**
1. **Is impoundment designed and constructed in accordance with the approved plan?**		X	
2. **Is impoundment free of instability, structural weakness, or any other hazardous condition?**		X	
3. **Has the impoundment met all applicable performance standards and effluent limitations from the previous date of inspection?**		X	

COMMENTS AND OTHER INFORMATION

The sediment pond appears to be functioning according to its design. The sediment level hasn't noticeably increased since the previous year of 2012.

Certification Statement:

[PE Cert. Stamp]

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 meet or exceed 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 in accordance with the Utah R645 Coal Mining Rules.

By: Charles Reynolds, Mine Mgr
(Full Name and Title)

Signature: Charles Reynolds **Date:** 12/19/13

P.E. Number & State: 179170, Utah

IMPOUNDMENT INSPECTION AND CERTIFIED REPORT		D011	Page 1 of 2
Permit Number	C/007/011	**Report Date**	12/19/2013
Mine Name	Hiawatha Mine Complex		
Company Name	Hiawatha Coal Company, Inc.		
Impoundment Identification	**Impoundment Name**	South Fork Lower Sediment Pond	
	Impoundment Number	D011	
	UPDES Permit Number	UT0023094	
	MSHA ID Number	N\A	

IMPOUNDMENT INSPECTION

Inspection Date	December 19, 2013
Inspected By	Dana Jenkins
Reason for Inspection (Annual, Quarterly or Other Periodic Inspection, Critical Installation, or Completion of Construction)	Annual, Quarterly.

1. Describe any appearance of any instability, structural weakness, or any other hazardous condition.

The dam was sound & had no signs of structural weakness, erosion or any other hazards, at the time of inspection.

Required for an impoundment which functions as a SEDIMENTATION POND.

2. Sediment storage capacity, including elevation of 60% and 100% sediment storage volumes, and, estimated average elevation of existing sediment.

Sediment storage capacity = 0.36 ac-ft
60% cleanout elevation = 7,713.9
100% sediment storage elevation = 7,713
Existing sediment elevation = 7,709.8

3. Principle and emergency spillway elevations.

Principle spillway elevation = 7,713
Emergency spillway elevation = 7,718.7

4. Field Information. Provide current water elevation, whether pond is discharging, type and number of samples taken, monitoring/instrumentation information, inlet/outlet conditions, or other related activities associated with the pond including but not limited to sediment cleanout, pond decanting, embankment erosion/repairs, monitoring information, vegetation on outslopes of embankments, etc.

No discharges occurred in 2012. Both, the pond inlets and outlets are fine. The pond is well vegetated. No changes have been made to the configuration, since the last annual inspection.

5. Field Evaluation. Describe any changes in the geometry of the impounding structure, average and maximum depths and elevations of impounded water, estimated sediment or slurry volume and remaining storage capacity, estimated volume of water impounded, and any other aspect of the impounding structure affecting its stability or function which has occurred during the reporting period.

No changes in the geometry of the pond have occurred. The pond currently contains 0.07 ac-ft of sediment. The existing storage capacity is 0.71 ac-ft, which is greater than the 0.31 ac-ft required.

Qualification Statement

PROFESSIONAL ENGINEER
CHARLES REYNOLDS
No. 179670
STATE OF UTAH

I hereby certify that; I am experienced in the construction of impoundments; I am qualified and authorized under the direction of a Registered Professional Engineer to inspect 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 meet or exceed 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: Charles Reynolds **Date:** 12/19/13

CERTIFIED REPORT

IMPOUNDMENT INSPECTION AND CERTIFIED REPORT	D011	Page 2 of 2	
IMPOUNDMENT EVALUATION (If NO, explain under Comments)		**YES**	**NO**
1. Is impoundment designed and constructed in accordance with the approved plan?		X	
2. Is impoundment free of instability, structural weakness, or any other hazardous condition?		X	
3. Has the impoundment met all applicable performance standards and effluent limitations from the previous date of inspection?		X	

COMMENTS AND OTHER INFORMATION

The sediment pond appears to be functioning according to its design. The sediment level hasn't noticeably increased since the previous year of 2012.

Certification Statement:

[PE Cert. Stamp]

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 meet or exceed 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 in accordance with the Utah R645 Coal Mining Rules.

By: Charles Reynolds, Mine Manager
(Full Name and Title)

Signature: [signature] **Date:** 12/19/13

P.E. Number & State: 179670, Utah

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 requirement of R645-310-130 and R645-301-140

CONTENTS

None

APPENDIX C

Legal Financial, Compliance and Related Information

Annual Report of Officers
As submitted to the Utah Department of Commerce

Other change in ownership and control information
As required under R645-301-110

CONTENTS

Annual Report of Officers

Utah Business Search - Registered Principals

Registered Principals

Name	Type	City	Status
HIAWATHA COAL COMPANY, INC.	Corporation	Salt Lake City	Active

Position	Name	Address	
Registered Agent	CARL E KINGSTON	3212 S STATE ST	Salt Lake City UT 84115
President	E O FINLEY	3212 S STATE ST	Salt Lake City UT 84115
Director	E O FINLEY	3212 S STATE ST	Salt Lake City UT 84115
Treasurer	N J FINLEY	3212 S STATE ST	SALT LAKE CITY UT 84115
Vice President	N J FINLEY	3212 S STATE ST	Salt Lake City UT 84115
Secretary	N J FINLEY	3212 S STATE ST	SALT LAKE CITY UT 84115
Director	N J FINLEY	3212 S STATE ST	Salt Lake City UT 84115

If you believe there may be more principals, click here to

Search by:

- Search by:
- Business Name
- Number
- Executive Name
- Search Hints

Name:

APPENDIX D

Mine Maps

As required under R645-302-525-270

CONTENTS

None

APPENDIX E

Other Information

In accordance with the requirements of R645-301 and R645-302

CONTENTS

None