

GENERAL INFORMATION

| | |
|---|-------------------------|
| 1. Permit Number | ACT/007/011 |
| 2. Mine Name | Hiawatha Complex |
| 3. Permittee Name | Hiawatha Coal Company |
| 4. Operator Name (if other than Permittee) | |
| 5. Permit Expiration Date | 3/14/02 |
| 6. Permit Number | . |
| 7. Company Representative, Title | Elliot Finley, Pres. |
| 8. Phone Number | (435) 637-1778 |
| 9. Fax Number | (435) 637-1378 |
| 10. E-mail Address | |
| 11. Mailing Address | P.O. Box 1202 |
| | Huntington , Utah 84528 |
| | |
| 12. Resident Agent, Title | Elliot Finley, Pres. |
| 13. Mailing Address | P.O. Box 1202 |
| | Huntington , Utah 84528 |
| | |
| 14. Number of Binders Submitted | |

 Confidential Shelf Expandable

Refer to Record No. 0008 Date 2/29/2000
 In 0070011, 0001 Incoming
 For additional information

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) | 42-02157 | King Mines | N/A |
| | | | |
| 2. MSHA Impoundment(s) | 01 | Slurry Impoundment No. 1 | |
| | 03 | Slurry Impoundment No. 5 | |
| | | | |
| 3. NPDES/UPDES Permit(s) (water) | UT0023094 | Minor Industrial | 9/30/04 |
| | | | |
| | | | |
| 4. PSD (Air) Permit(s) | BAQE-502-89 | Issued 10/29/99 | |
| | 04 | Refuse Pile No.1 | |
| 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 | | |
| 3. Impoundments | x | | x | | |
| 4. | | | | | |
| 5. | | | | | |

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 permitted 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? |
|---------------|-------------------------|---------------|
| | | |
| | | |
| | | |
| | | |

APPENDIX A

Certified Reports

Excess Spoil Piles
Refuse Piles

Impoundments

as required under R645-301-514

Contents

Slurry
Impoundments and Refuse Piles report.
Sediment Pond Annual Inspections

Hiawatha Coal Company

P.O. Box 1202
Kingston, UT 84528

(435) 637-1778
FAX (435) 637-1378

January 27, 2001

John Kuzar
District Manager (9)
Coal Mine Safety and Health
P.O. Box 25367, D.F.C.
Denver, CO 80225-0367

Mr. Kuzar: ✓

Re: **Annual Slurry Impoundment Report, Hiawatha Coal Company, King Mine, ID No. 42-02157, Carbon County, Utah**

Enclosed is the Annual Slurry Impoundment Report for 2000 for the Hiawatha King Mine.

If you have any questions, please call me or Elliot Finley at (435) 637-1778.

Sincerely,



Charles Reynolds, PE
Mining Engineer

HIAWATHA COAL COMPANY

SLURRY IMPOUNDMENT REPORT - 2000

Slurry Impoundment No. 1 (1211-UT-09-02157-01)

11,569 tons of coal fines were recovered from the slurry impoundment No. 1 during 2000.

Much of the coal fines have been pushed toward the SouthWest portion of the pond, where the surface elevation is at an elevation varying from 7165 to 7173. The northeast portion of the pond remains at an elevation of 7156, and the Southeast portion of the pond remains at an elevation of 7160. The embankment top remains at elevation 7175. No fires have occurred in the coal fines or construction material. There are no signs of instability.

Slurry Impoundment No. 5 (1211-UT-09-02157-03)

Main Cell

Topsoiling of the top of the main cell began in 1999. Most of the area has now received topsoil. Reclamation of the main cell is anticipated to be completed in 2001.

North Cell

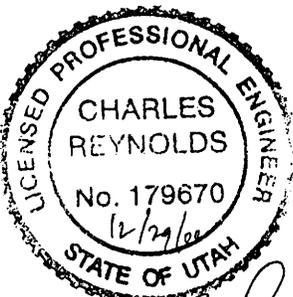
No coal fines were added to or removed from the North Cell in 2000. No structural changes have been made to the outside embankment. The top of the outside embankment remains at elevation 7068. The coal fines remain at elevation 7055. There are no signs of instability and no fires have occurred.

Refuse Pile No. 1 (1211-UT-09-02157-04)

Refuse Pile No. 1 remains inactive. No changes have been made to its configuration. No fires occurred and no signs of embankment instability were observed.

Certification

To the best of my knowledge, the foregoing report regarding the impoundments and refuse piles is an accurate representation of the current status of these structures.



Charles Reynolds

| | | | |
|----------------------------|-----------------------------|-----------------|----------|
| Permit Number | ACT\007\011 | Report Date | 12/29/00 |
| Name | Hiawatha Complex | | |
| Company Name | Hiawatha Coal Company, Inc. | | |
| Impoundment Identification | Impoundment Name | Upper Rail Yard | |
| | Impoundment Number | D003 | |
| | UPDES Permit Number | UT-0023094 | |
| | MSHA ID Number | N/A | |

IMPOUNDMENT INSPECTION

| | | | |
|---|------------------------------|--|--|
| Inspection Date | 12/29/00 | | |
| Inspected By | Charles Reynolds/Nate Finley | | |
| 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 pond banks showed no signs of instability or hazardous conditions.

| | |
|--|--|
| 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 = 7,211.5 100% sediment storage elevation = 7,212.7 Existing sediment elevation = 7,210.5 (Average) |
| | 3. Principle and emergency spillway elevations. Principle spillway elevation = 7,214.5 Emergency spillway elevation = 7,217.7 |

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.
 The pond is covered with 6 inches snow. The inlet and outlets appear in good condition. No discharges were reported during 2000.

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 existing sediment volume is 0.19 ac-ft. The existing storage capacity is 1.97 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: <u>Charles Reynolds</u> Date: <u>12-29-00</u> |
|--------------------------------|--|

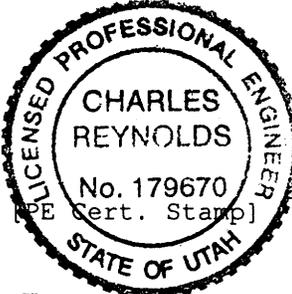
CERTIFIED REPORT

| 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 level increase was minimal during the year 2000. The pond is approaching the 60% level and should be evaluated following the 2001 spring runoff to determine the need for cleaning.

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.

By: Charles Reynolds
 (Full Name and Title)

Signature: Charles Reynolds Date: 12-29-00

P.E. Number & State: 179670 Utah

| | | | |
|----------------------------|-----------------------------|--------------------------------|----------|
| Permit Number | ACT\007\011 | Report Date | 12/29/00 |
| Name | Hiawatha Complex | | |
| Company Name | Hiawatha Coal Company, Inc. | | |
| Impoundment Identification | Impoundment Name | Sed. Pond N. of Slurry pond #1 | |
| | Impoundment Number | D004 | |
| | UPDES Permit Number | UT-0023094 | |
| | MSHA ID Number | N/A | |

IMPOUNDMENT INSPECTION

| | |
|-----------------|-------------------------------|
| Inspection Date | 12/29/00 |
| Inspected By | Charles Reynolds. Nate Finley |

| | |
|---|--------|
| Reason for Inspection (Annual, Quarterly or Other Periodic Inspection, Critical Installation, or Completion of Construction) | Annual |
|---|--------|

1. Describe any appearance of any instability, structural weakness, or any other hazardous condition.
 The pond banks showed no signs of instability or hazardous conditions.

| | |
|--|--|
| Required for an impoundment which functions as a SEDIMENTATION POND. | <p>2. Sediment storage capacity, including elevation of 60% and 100% sediment storage volumes, and, estimated average elevation of existing sediment.</p> <p>Sediment storage capacity = 0.48 ac-ft 60% cleanout elevation = 7,087.8 100% sediment storage elevation = 7,089.1 Existing sediment elevation = 7,086.8</p> <p>3. Principle and emergency spillway elevations.</p> <p>Principle spillway elevation = 7,089.3 Emergency spillway elevation = 7,093.5</p> |
|--|--|

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.

The pond contains approx 6 inches snow. The inlet and outlets appear in good condition. No discharges were reported during 2000. Pond slopes are well vegetated.

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 existing sediment volume is 0.16 ac-ft. The existing storage capacity is 1.52 ac-ft, which is greater than the 0.54 ac-ft required.

| | |
|-------------------------|---|
| Qualification Statement | <p>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.</p> <p>Signature: <u>Charles Reynolds</u> Date: <u>12-29-00</u></p> |
|-------------------------|---|

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 is approx. 12" below the 60% cleanout level. It has not increased significantly from 1999. The pond should not require cleaning during the coming year.

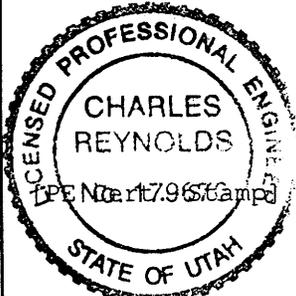
Certification Statement:

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.

By: Charles Reynolds
 (Full Name and Title)

Signature: Charles Reynolds Date: 12-29-00

P.E. Number & State: 179670 Utah



| | | | |
|----------------------------|-----------------------------|---------------------------------|----------|
| Permit Number | ACT\007\011 | Report Date | 12/29/00 |
| Name | Hiawatha Complex | | |
| Company Name | Hiawatha Coal Company, Inc. | | |
| Impoundment Identification | Impoundment Name | Sed. Pond NE. of Slurry pond #5 | |
| | Impoundment Number | D006 | |
| | UPDES Permit Number | UT-0023094 | |
| | MSHA ID Number | N/A | |

IMPOUNDMENT INSPECTION

| | |
|-----------------|------------------------------|
| Inspection Date | 12/29/00 |
| Inspected By | Charles Reynolds/Nate Finley |

| | |
|---|------------------|
| 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 pond's bank showed no signs of instability or hazardous conditions.

| | |
|--|--|
| 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 = 6,990.0 100% sediment storage elevation = 6,991.1 Existing sediment elevation = 6,987.4 |
|--|--|

| |
|---|
| 3. Principle and emergency spillway elevations. Principle spillway elevation = 6,993.1 Emergency spillway elevation = 6,994.5 |
|---|

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.
 The pond is damp, with no water. The inlet and outlets appear in good condition. No discharges were reported during 2000.

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 currently contains 0.04 sediment. The existing storage capacity is 2.96 ac-ft, which is greater than the 1.32 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: <u>Charles Reynolds</u> Date: <u>12-29-00</u> |

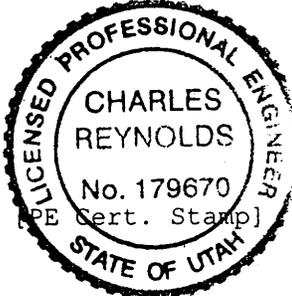
CERTIFIED REPORT

| 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 level has changed very little during 2000. The pond is functioning well.

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.

By: Charles Reynolds
 (Full Name and Title)

Signature: Charles Reynolds Date: 12-29-00

P.E. Number & State: 179670 Utah

| | | | |
|---------------|-------------|-------------|----------|
| Permit Number | ACT\007\011 | Report Date | 12/29/00 |
|---------------|-------------|-------------|----------|

| | |
|------|------------------|
| Name | Hiawatha Complex |
|------|------------------|

| | |
|--------------|-----------------------------|
| Company Name | Hiawatha Coal Company, Inc. |
|--------------|-----------------------------|

| | | |
|-----------------------------------|---------------------|---------------------------------|
| Impoundment Identification | Impoundment Name | Sed. Pond SE. of Slurry pond #5 |
| | Impoundment Number | D007 |
| | UPDES Permit Number | UT-0023094 |
| | MSHA ID Number | N/A |

IMPOUNDMENT INSPECTION

| | |
|-----------------|----------|
| Inspection Date | 12/29/00 |
|-----------------|----------|

| | |
|--------------|------------------------------|
| Inspected By | Charles Reynolds/Nate Finley |
|--------------|------------------------------|

| | |
|---|------------------|
| 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 pond bank showed no signs of instability or hazardous conditions.

| | |
|--|--|
| Required for an impoundment which functions as a SEDIMENTATION POND. | <p>2. Sediment storage capacity, including elevation of 60% and 100% sediment storage volumes, and, estimated average elevation of existing sediment.</p> <p>Sediment storage capacity = 0.68 ac-ft 60% cleanout elevation = 6,990.9 100% sediment storage elevation = 6,992.2 Existing sediment elevation = 6,988.9</p> |
|--|--|

| | |
|---|--|
| 3. Principle and emergency spillway elevations. | <p>Principle spillway elevation = 6,992.5 Emergency spillway elevation = 6,998.0</p> |
|---|--|

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 out slopes of embankments, etc.
The pond is moist. The inlet and outlets appear in good condition. No discharges were reported during 2000.

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 currently contains 0.23 sediment. The existing storage capacity is 2.34 ac-ft, which is greater than the 0.74 ac-ft required.

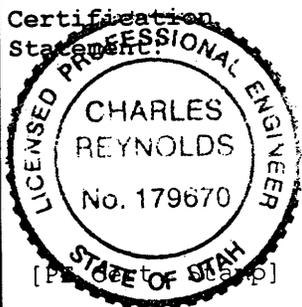
| | |
|--------------------------------|---|
| Qualification Statement | <p>I hereby certify that; I am experienced in the construction of impoundments; I am qualified and authorized under the direction of a Registered Professional Engineer to inspect the condition and appearance of impoundments in accordance 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.</p> <p>Signature: <u>Charles Reynolds</u> Date: <u>12-29-00</u></p> |
|--------------------------------|---|

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 pond appears to be functioning normally and has adequate storage.



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
(Full Name and Title)

Signature: Charles Reynolds Date: 12-29-00

P.E. Number & State: 179670 Utah

| | | | |
|----------------------------|-----------------------------|------------------|----------|
| Permit Number | ACT\007\011 | Report Date | 12/29/00 |
| Name | Hiawatha Complex | | |
| Company Name | Hiawatha Coal Company, Inc. | | |
| Impoundment Identification | Impoundment Name | Middle Fork Pond | |
| | Impoundment Number | D008 | |
| | UPDES Permit Number | UT-0023094 | |
| | MSHA ID Number | N/A | |

IMPOUNDMENT INSPECTION

| | |
|-----------------|------------------------------|
| Inspection Date | 12/29/00 |
| Inspected By | Charles Reynolds/Nate Finley |

| | |
|--|------------------|
| Reason for Inspection <small>(Annual, Quarterly or Other Periodic Inspection, Critical Installation, or Completion of Construction)</small> | Annual/Quarterly |
|--|------------------|

1. Describe any appearance of any instability, structural weakness, or any other hazardous condition.
The pond banks showed no signs of instability or hazardous conditions.

| | |
|--|--|
| Required for an impoundment which functions as a SEDIMENTATION POND . | <p>2. Sediment storage capacity, including elevation of 60% and 100% sediment storage volumes, and, estimated average elevation of existing sediment.</p> <p>Sediment storage capacity = 0.48 ac-ft 60% cleanout elevation = 8,034.8 100% sediment storage elevation = 8,036.1 Existing sediment elevation = 8,032.1</p> <p>3. Principle and emergency spillway elevations.</p> <p>Principle spillway elevation = 8,042.0 Emergency spillway elevation = 8,045.5</p> |
|--|--|

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.

The pond is covered with light snow in the bottom. The inlet and outlets appear in good condition. No discharges were reported during 2000.

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 currently contains 0.06 ac-ft of sediment. The existing storage capacity is 3.1 ac-ft, which is greater than the 0.92 ac-ft required.

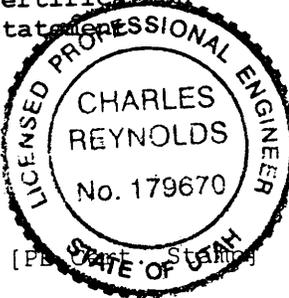
| | |
|--------------------------------|---|
| Qualification Statement | <p>I hereby certify that; I am experienced in the construction of impoundments; I am qualified and authorized under the direction of a Registered Professional Engineer to inspect the condition and appearance of impoundments in accordance 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.</p> <p>Signature: <u>Charles Reynolds</u> Date: <u>12-29-00</u></p> |
|--------------------------------|---|

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

Certification
State of Utah



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
(Full Name and Title)

Signature: Charles Reynolds Date: 12-22-00

P.E. Number & State: 179670 Utah

| | | | |
|---|-----------------------------|----------------------|-------------|
| IMPOUNDMENT INSPECTION AND CERTIFIED REPORT | | D009 | Page 1 of 2 |
| Permit Number | ACT\007\011 | Report Date | 12/29/00 |
| Mine Name | Hiawatha Complex | | |
| Company Name | Hiawatha Coal Company, Inc. | | |
| Impoundment Identification | Impoundment Name | South Fork Mine Yard | |
| | Impoundment Number | D009 | |
| | UPDES Permit Number | UT-0023094 | |
| | MSHA ID Number | N/A | |

IMPOUNDMENT INSPECTION

| | |
|---|------------------------------|
| Inspection Date | 12/29/00 |
| Inspected By | Charles Reynolds/Nate Finley |
| 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 pond banks showed no signs of instability or hazardous conditions.

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 = 7,901.3

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 out slopes of embankments, etc.

The pond contains 20 inches of snow in the bottom. The inlet and outlets appear in good condition. No discharges were reported during 2000.

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 currently contains 0.31 acre-ft of sediment. The existing storage capacity is 3.44 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: 12-29-00

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

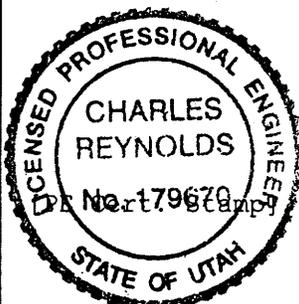
3. Has the impoundment met all applicable performance standards and effluent limitations from the previous date of inspection?

X

COMMENTS AND OTHER INFORMATION

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.



By: Charles Reynolds
(Full Name and Title)

Signature: Charles Reynolds Date: 12-29-00

P.E. Number & State: 179670 Utah

| | | | |
|----------------------------|-----------------------------|-----------------------------------|----------|
| Permit Number | ACT\007\011 | Report Date | 12/29/00 |
| Name | Hiawatha Complex | | |
| Company Name | Hiawatha Coal Company, Inc. | | |
| Impoundment Identification | Impoundment Name | South Fork Truck Loading Facility | |
| | Impoundment Number | D011 | |
| | UPDES Permit Number | UT-0023094 | |
| | MSHA ID Number | N/A | |

IMPOUNDMENT INSPECTION

| | | | |
|--|------------------------------|--|--|
| Inspection Date | 12/29/00 | | |
| Inspected By | Charles Reynolds/Nate Finley | | |
| Reason for Inspection <small>(Annual, Quarterly or Other Periodic Inspection, Critical Installation, or Completion of Construction)</small> | Annual/Quarterly | | |

1. Describe any appearance of any instability, structural weakness, or any other hazardous condition.
 The pond banks showed no signs of instability or hazardous conditions.

| | |
|--|--|
| Required for an impoundment which functions as a SEDIMENTATION POND. | <p>2. Sediment storage capacity, including elevation of 60% and 100% sediment storage volumes, and, estimated average elevation of existing sediment.</p> <p>Sediment storage capacity = 0.47 ac-ft 60% cleanout elevation = 7,712.3 100% sediment storage elevation = 7,714 Existing sediment elevation = 7,709.5</p> <p>3. Principle and emergency spillway elevations.</p> <p>Principle spillway elevation = 7,713 Emergency spillway elevation = 7,718.7</p> |
|--|--|

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 out slopes of embankments, etc.

The pond contains 10 inches of snow in the bottom. The inlet and outlets appear in good condition. No discharges were reported during 2000.

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 currently contains sediment. The existing storage capacity is 0.76 ac-ft, which is greater than the 0.31 ac-ft required.

| | |
|--------------------------------|---|
| Qualification Statement | <p>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.</p> <p>Signature: <u>Charles Reynolds</u> Date: <u>12-29-00</u></p> |
|--------------------------------|---|

CERTIFIED REPORT

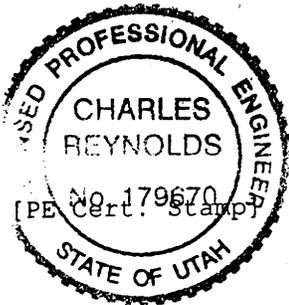
ACTN007N011

Report Date

| 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

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.

By: Charles Reynolds
 (Full Name and Title)

Signature: Charles Reynolds Date: 12-29-00

P.E. Number & State: 179670 Utah

| | | | |
|----------------------------|-----------------------------|--------------------------|----------|
| Permit Number | ACT\007\011 | Report Date | 12/29/00 |
| Name | Hiawatha Complex | | |
| Company Name | Hiawatha Coal Company, Inc. | | |
| Impoundment Identification | Impoundment Name | Slurry Impoundment No. 1 | |
| | Impoundment Number | N/A | |
| | UPDES Permit Number | N/A | |
| | MSHA ID Number | 1211-UT-09-00098-01 | |

IMPOUNDMENT INSPECTION

| | |
|-----------------|------------------|
| Inspection Date | 12/29/00 |
| Inspected By | Charles Reynolds |

| | |
|---|--------|
| Reason for Inspection (Annual, Quarterly or Other Periodic Inspection, Critical Installation, or Completion of Construction) | Annual |
|---|--------|

1. Describe any appearance of any instability, structural weakness, or any other hazardous condition.
 11,569 tons of coal fines were recovered from the pond in December, 1999. All of these fines were sold during 2000. No additional fines have been removed during 2000.

| | |
|---|---|
| Required for an impoundment which functions as a VENTILATION POND. | <p>2. Sediment storage capacity, including elevation of 60% and 100% sediment storage volumes, and, estimated average elevation of existing sediment.</p> <p>The surface elevation of the unrecovered coal fines in the pond varies significantly, ranging from 7156 to 7173. The embankment top remains at elevation 7175.</p> |
| | <p>3. Principle and emergency spillway elevations.</p> <p>N/A</p> |

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 out slopes of embankments, etc.

The pond is currently inactive, with minimal water, but controls runoff from portions of the disturbed area. Ponds fines are currently being recovered from the impoundment.

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.

Coal fine sale and removal is expected to continue in 2001.

| | |
|-------------------------|---|
| Qualification Statement | <p>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.</p> <p>Signature: <u>Charles Reynolds</u> Date: <u>12-29-00</u></p> |
|-------------------------|---|

IMPOUNDMENT EVALUATION (If NO, explain under Comments)

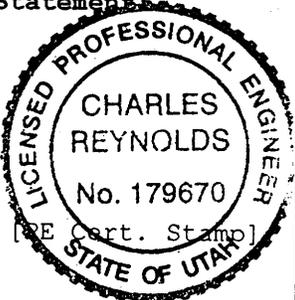
YES

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

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.

By: Charles Reynolds
 (Full Name and Title)

Signature: Charles Reynolds Date: 12-29-00

P.E. Number & State: 179670 Utah

| | | | |
|--|-----------------------------|--------------------------|-------------|
| IMPOUNDMENT INSPECTION AND CERTIFIED REPORT | | N/A | Page 1 of 2 |
| Permit Number | ACT\007\011 | Report Date | 12/29/00 |
| Site Name | Hiawatha Complex | | |
| Company Name | Hiawatha Coal Company, Inc. | | |
| Impoundment Identification | Impoundment Name | Slurry Impoundment No. 5 | |
| | Impoundment Number | N/A | |
| | UPDES Permit Number | N/A | |
| | MSHA ID Number | 1211-UT-09-00098-03 | |

IMPOUNDMENT INSPECTION

| | |
|-----------------|------------------|
| Inspection Date | 12/29/00 |
| Inspected By | Charles Reynolds |

| | |
|---|------------------|
| 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.
 Topsoiling of the outslopes of the main cell continued in 2000. No slurry was added to or removed from the North Cell during 2000. No structural changes have been made to the outside embankment.

| | |
|--|--|
| 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. The current elevation of the slurry sediment is 7,055. |
| | 3. Principle and emergency spillway elevations. N/A |

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.
 N/A

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 top of the outside embankment remains at elevation 7,068. The coal fines remain at elevation 7,055. There are no signs of instability and no fires have occurred.

| | |
|-------------------------|---|
| Qualification Statement | <p>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.</p> <p>Signature: <u>Charles Reynolds</u> Date: <u>12-29-00</u></p> |
|-------------------------|---|

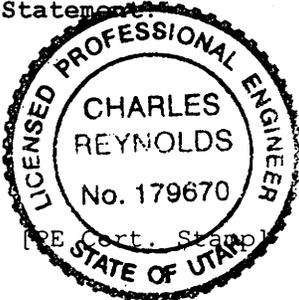
CERTIFIED REPORT

| 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

(This section is currently blank.)

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.

By: Charles Reynolds
 (Full Name and Title)

Signature: Charles Reynolds Date: 12-29-00

P.E. Number & State: 179670 Utah

| | | | |
|---|--|---------------------|----------|
| Permit Number | ACT/007/011 | Report Date | 12/29/00 |
| Site Name | Hiawatha Complex | | |
| Company Name | Hiawatha Coal Company, Inc. | | |
| Excess Spoil Pile or Refuse Pile Identification | File Name | Refuse Pile No. 1 | |
| | File Number | 1 | |
| | MSHA ID Number | 1211-UT-09-02157-04 | |
| Inspection Date | 12/29/00 | | |
| Inspected By | Charles Reynolds, Nate Finley | | |
| Reason for Inspection (Annual, Quarterly or Other Periodic Inspection, Critical Installation, or Completion of Construction) | Annual | | |
| | Attachments to Report? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes | | |

Field Evaluation

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

Pile remains inactive.

2. Placement of underdrains and protective filter systems.

N/A

3. Installation of final surface drainage systems, performed in the State of Utah.

N/A

4. Placement and compaction of fill materials.

No material has been added to the pile.

Final grading and revegetation of fill.

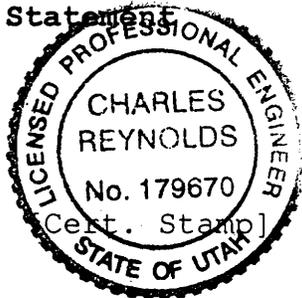
6. Appearances of instability, structural weakness, and other hazardous conditions.

No signs of embankment instability were observed. No fires have occurred.

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.

No changes have been made to the configuration of the pile.

Certification
Statement



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, Engineer
(Full Name and Title)
Signature: Charles Reynolds Date: 12-29-00
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 requirements of R645-301-130 and R645-301-140.

Climatological

Data

Subsidence Data

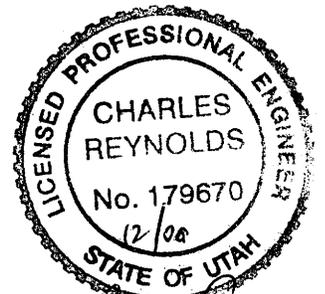
HIAWATHA PRECIPITATION DATA

| <u>Day</u> | <u>Quantity</u> | <u>Day</u> | <u>Quantity</u> |
|-----------------|-----------------|------------------|-----------------|
| January | Lost | September | |
| | | 9/1/2000 | .40 in. rain |
| February | Lost | | |
| | | October | |
| March | Lost | 10/3/2000 | .11 in. rain |
| | | 10/10/2000 | 1 in. rain |
| April | Lost | 10/11/2000 | .35 in. rain |
| | | 10/21/2000 | .25 in. rain |
| May | Lost | 10/22/2000 | .28 in. rain |
| | | 10/23/2000 | .38 in. rain |
| June | | 10/24/2000 | .29 in. rain |
| 6/17/2000 | .50 in. rain | 10/27/2000 | .18 in. rain |
| | | 10/28/2000 | .57 in. rain |
| July | | 10/30/2000 | .30 in. rain |
| 7/1/2000 | .70 in. rain | 10/31/2000 | .30 in. snow |
| 7/7/2000 | .40 in. rain | | |
| | | November | |
| August | | 11/9/2000 | .15 in. snow |
| 8/16/2000 | .25 in. rain | 11/10/2000 | .20 in. snow |
| 8/17/2000 | .60 in. rain | | |
| 8/22/2000 | .11 in. rain | December | |
| 8/26/2000 | .07 in. rain | 12/16/2000 | .50 in. snow |
| 8/29/2000 | .30 in. rain | 12/25/2000 | .15 in. snow |
| 8/30/2000 | .85 in. rain | | |
| 8/31/2000 | .13 in. rain | | |

HIAWATHA COAL COMPANY
2000 HIAWATHA SUBSIDENCE STUDY

USING 2000 REVISED CONTROL.

| POINT | EASTING | NORTHING | 1988 ELEVATION | 2000 DIFFERENCE | POINT NOTES |
|-------|-----------|----------|-------------------|--------------------|----------------|
| 300 | -16154.8 | 9455.11 | 9145.1 | -0.13 | 300 |
| 301 | -19121.59 | 10685.80 | 9834.34 | -1.05 | 301 |
| 302 | -19173.85 | 10300.36 | 9820.79 | -0.68 | 302 |
| 303 | -18869.74 | 10206.93 | 9700.41 | 0.02 | 303 |
| 304 | -18581.35 | 10303.30 | 9654.68 | -0.67 | 304 |
| 305 | -18087.10 | 10234.14 | 9506.03 | 0.27 | 305 |
| 306 | -17709.81 | 10335.41 | 9565.75 | -0.48 | 306 |
| 307 | -17396.29 | 10215.50 | 9578.39 | -0.22 | 307 |
| 308 | -17026.86 | 10492.97 | 9421.05 | -0.53 | 308 |
| 309 | -16470.54 | 10432.95 | 9107.78 | -0.45 | 309 |
| 310 | -16010.34 | 10379.94 | 8892.65 | -0.96 | 310 |
| 311 | -15534.40 | 10214.41 | 8658.30 | 0.01 | 311 |
| 312 | -15030.53 | 10279.77 | 8555.36 | -0.10 | 312 |
| 313 | -19120.31 | 10030.57 | 9726.74 | 0.12 | 313 |
| 314 | -19065.12 | 9847.59 | 9637.45 | -0.32 | 314 |
| 315 | -18832.77 | 9843.37 | 9572.86 | -0.49 | 315 |
| 316 | -18533.30 | 9941.48 | 9495.16 | -1.65 | 316 |
| 317 | -18093.93 | 9870.18 | 9353.92 | -0.01 | 317 |
| 318 | -17723.28 | 9760.03 | 9359.17 | -0.17 | 318 |
| 319 | -17264.65 | 9925.78 | 9502.48 | -0.56 | 319 |
| 320 | -17237.77 | 9502.10 | 9325.44 | 0.32 | 320 |
| 321 | -17043.07 | 9835.38 | 9468.03 | 0.48 | 321 |
| 322 | -16863.19 | 9375.28 | 9410.64 | -1.36 | 322 |
| 323 | -16408.10 | 9639.15 | 9323.66 | -0.35 | 323 |
| 324 | -16022.31 | 9703.75 | 8994.83 | -0.05 | 324 |
| 325 | -15800.08 | 9592.11 | 8894.32 | -0.84 | 325 |
| 326 | -15439.18 | 9670.87 | 8702.31 | -1.04 | 326 Pt obscure |
| 327 | -14529.34 | 9520.17 | 8629.18 | 0.11 | 327 |
| 328 | -14098.13 | 9468.10 | 8680.60 | -0.11 | 328 |
| 329 | -13724.82 | 9466.06 | 8644.11 | 1.00 | 329 |
| 331 | -19057.24 | 9390.63 | 9480.81 | -1.19 | 331 |
| 332 | -18771.19 | 9358.94 | 9450.32 | -0.73 | 332 |
| 333 | -18429.75 | 9256.83 | 9293.85 | -0.60 | 333 |
| 334 | -17992.74 | 9296.12 | 9004.63 | -0.61 | 334 |
| 335 | -17505.83 | 9482.54 | 9272.66 | 0.05 | 335 |
| 336 | -17290.42 | 8829.29 | 8940.62 | -0.22 | 336 |
| 337 | -17042.64 | 9167.67 | 9216.47 | 0.50 | 337 |
| 338 | -16634.76 | 8974.17 | 9327.09 | -0.28 | 338 |
| 339 | -16314.81 | 9041.05 | 9307.09 | -0.01 | 339 |



Charles Reynolds

| | | | | | |
|-----|-----------|---------|---------|-------|--------------------|
| 340 | -16079.12 | 9068.77 | 9303.68 | 0.00 | 340 |
| 341 | -15915.26 | 9013.40 | 9190.97 | -0.20 | 341 |
| 342 | -15592.84 | 8946.68 | 9109.82 | -0.39 | 342 |
| 343 | -15148.09 | 8843.97 | 9083.49 | 0.67 | 343 |
| 344 | -14876.56 | 8741.88 | 9076.67 | -0.07 | 344 |
| 345 | -14506.87 | 8799.79 | 9019.29 | -0.56 | 345 |
| 346 | -14038.72 | 8845.22 | 8830.35 | 0.02 | 346 |
| 347 | -13740.63 | 8785.27 | 8694.09 | 0.29 | 347 |
| 348 | -13309.70 | 8655.70 | 8500.94 | 0.42 | 348 |
| 349 | -19033.12 | 8822.29 | 9267.53 | -0.44 | 349 |
| 350 | -18890.82 | 8447.55 | 9009.19 | -0.04 | 350 |
| 351 | -19344.28 | 8372.53 | 9011.03 | 0.15 | 351 |
| 352 | -19439.16 | 7927.91 | 9252.92 | -0.60 | 352 |
| 353 | -18802.18 | 7864.43 | 8831.27 | -0.36 | 353 |
| 354 | -18818.63 | 7465.64 | 8863.47 | -0.19 | 354 |
| 355 | -19385.86 | 7463.43 | 9253.96 | 0.68 | 355 |
| 356 | -19380.67 | 7271.07 | 9182.23 | -0.15 | 356 |
| 357 | -19063.39 | 6496.12 | 9430.72 | 1.32 | 357 |
| 358 | -19224.54 | 6288.24 | 9473.18 | -0.08 | 358 |
| 359 | -19198.98 | 5878.10 | 9389.51 | 1.40 | 359 |
| 360 | -18883.84 | 5414.38 | 9434.91 | 0.25 | 360 |
| 361 | -19002.92 | 5175.54 | 9524.31 | 0.18 | 361 |
| 362 | -18942.09 | 4764.81 | 9554.81 | -0.01 | 362 |
| 363 | -18853.71 | 3778.42 | 9634.85 | -0.02 | 363 |
| 364 | -19168.45 | 3300.66 | 9776.17 | 0.19 | 364 |
| 365 | -19130.53 | 3130.86 | 9769.47 | 0.20 | 365 |
| 366 | -19053.73 | 2638.47 | 9737.63 | -1.16 | 366 |
| 367 | -18969.16 | 2264.18 | 9728.72 | -0.24 | 367 |
| 368 | -18935.65 | 1853.96 | 9723.52 | -1.08 | 368 |
| 369 | -20166.28 | 9321.90 | 9569.49 | -2.31 | 369 2 |
| 370 | -19830.14 | 9318.36 | 9648.96 | -1.55 | 370 2 |
| 371 | -21681.13 | 9106.98 | 9826.11 | -0.66 | 371 |
| 372 | -21299.13 | 9057.08 | 9817.86 | -0.03 | 372 |
| 373 | -20819.94 | 8986.88 | 9754.46 | -0.74 | 373 |
| 374 | -20367.73 | 9121.52 | 9580.80 | -2.02 | 374 2 |
| 375 | -20036.82 | 8969.18 | 9460.34 | -2.01 | 375 2 |
| 376 | -19816.19 | 8907.58 | 9470.75 | -1.75 | 376 2 |
| 377 | -19451.83 | 9064.17 | 9436.42 | 0.00 | 377 Unable to read |
| 378 | -21666.24 | 8764.28 | 9801.38 | 0.25 | 378 |
| 379 | -21356.64 | 8757.05 | 9813.17 | 0.09 | 379 |
| 380 | -20916.70 | 8591.22 | 9783.94 | -0.84 | 380 2 |
| 381 | -20319.10 | 8603.66 | 9606.75 | -3.39 | 381 2 |
| 382 | -20069.35 | 8380.79 | 9533.03 | -1.84 | 382 2 |
| 383 | -19860.16 | 8756.37 | 9385.83 | -3.55 | 383 2 |
| 384 | -19459.87 | 8502.21 | 9136.19 | -0.51 | 384 |
| 385 | -21704.89 | 8452.24 | 9791.02 | 0.09 | 385 |

| | | | | | |
|-----|-----------|---------|---------|-------|-------|
| 386 | -21286.26 | 8301.75 | 9845.25 | -0.23 | 386 |
| 387 | -20935.36 | 8329.74 | 9807.50 | -0.14 | 387 |
| 388 | -20678.42 | 8266.42 | 9743.70 | -0.22 | 388 |
| 389 | -20437.19 | 8163.26 | 9686.88 | -0.81 | 389 |
| 390 | -20045.64 | 8071.42 | 9565.09 | -1.71 | 390 2 |
| 391 | -19591.56 | 7908.10 | 9329.55 | -2.77 | 391 2 |
| 392 | -20940.37 | 8042.87 | 9830.70 | -0.34 | 392 |
| 393 | -20514.77 | 7860.31 | 9765.89 | -0.06 | 393 |
| 394 | -20298.22 | 7698.64 | 9712.01 | -0.01 | 394 |
| 395 | -19343.98 | 7458.34 | 9226.76 | -0.08 | 395 |
| 396 | -20545.27 | 7554.42 | 9819.35 | 0.33 | 396 |
| 397 | -20715.24 | 7300.77 | 9871.54 | 0.21 | 397 |
| 398 | -20203.05 | 7270.05 | 9630.36 | 0.13 | 398 |
| 399 | -18623.10 | 8438.53 | 8962.74 | -0.10 | 399 |
| 400 | -18300.56 | 8438.86 | 8935.10 | -0.02 | 400 |
| 401 | -18085.67 | 8396.12 | 8872.62 | -0.01 | 401 |
| 402 | -17712.05 | 8476.90 | 8659.57 | -0.26 | 402 |
| 403 | -17465.94 | 8461.25 | 8713.42 | -0.04 | 403 |
| 404 | -17162.72 | 8423.47 | 8801.87 | -0.17 | 404 |
| 405 | -16856.17 | 8485.74 | 8941.97 | 0.05 | 405 |
| 406 | -16533.80 | 8458.64 | 8995.07 | -0.07 | 406 |
| 407 | -16223.30 | 8454.41 | 9084.35 | -0.15 | 407 |
| 408 | -15915.85 | 8443.88 | 8937.60 | -0.70 | 408 |
| 409 | -15606.06 | 8430.98 | 8867.10 | -0.41 | 409 |
| 410 | -15291.41 | 8442.89 | 8872.42 | -0.72 | 410 |
| 411 | -15000.02 | 8436.97 | 8899.24 | -0.35 | 411 |
| 412 | -14697.00 | 8451.37 | 8974.20 | 0.09 | 412 |

NOTE 1: All areas were walked in August, 2000, during the control survey. No significant changes to the surface or new fracturing was noted during the 2000 survey.

NOTE 2: Control point SUB 4 could not be seen during the aerial survey. Therefore, this data may be unreliable. No changes in elevation were observed in control point SUB 4.

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

Annual Report of Officers

**Utah Department of Commerce
Division of Corporations & Commercial Code
In person: 160 East 300 South, 1st Floor
Salt Lake City, Utah 84111
Fax: (801) 530-6111
Web site: <http://www.commerce.state.ut.us>**



PROFIT CORPORATION ANNUAL REPORT

The following information is on file in this office. All profit corporations must file their annual reports and corrections within the month of their anniversary date. Failure to do so will result in Delinquency, Revocation or Involuntary Dissolution of the corporate charter.

THIS BOX MUST BE COMPLETED

| | | | |
|--|-----------------------------|--|--|
| CORPORATE NAME, REGISTERED AGENT, REGISTERED OFFICE, CITY, STATE & ZIP | | MAKE ALL CORRECTIONS IN THIS COLUMN | |
| CORPORATION # | 201598 | | |
| | D 06/30/97 | | |
| 1. | MIAWATHA COAL COMPANY, INC. | [Line for New Agent Name] | |
| 2. | CARL E KINGSTON | [Line for New Registered Agent Address] | |
| 3. | 3212 S STATE ST | UTAH | |
| 4. | SALT LAKE CITY UT 84115 | [Line for Registered Agent Name] | |

WHEN CHANGING THE REGISTERED AGENT THE NEW AGENT MUST SIGN

| | | | |
|----|--|------|--|
| 5. | INCORPORATED IN THE STATE AND UNDER THE LAWS OF | UTAH | |
| 6. | ADDRESS OF THE PRINCIPAL OFFICE IN THE HOME STATE. | | |

7. BUSINESS PURPOSE: NONCLASSIFIABLE ESTABLISHMENTS
DOMESTIC PROFIT CORPORATIONS ARE REQUIRED TO LIST A CORPORATE OFFICER.

| | | |
|-----------------|-------------------|-------------------------|
| OFFICERS | | |
| 8. | PRESIDENT | E O FINLEY |
| | ADDRESS | 3212 S STATE ST |
| | CITY, STATE & ZIP | SALT LAKE CITY UT 84115 |
| 9. | PRESIDENT | N J FINLEY |
| | ADDRESS | 3212 S STATE ST |
| | CITY, STATE & ZIP | SALT LAKE CITY UT 84115 |
| 10. | SECRETARY | C A GUSTAFSON |
| | ADDRESS | 3212 S STATE ST |
| | CITY, STATE & ZIP | SALT LAKE CITY UT 84115 |
| 11. | TREASURER | C A GUSTAFSON |
| | ADDRESS | 3212 S STATE ST |
| | CITY, STATE & ZIP | SALT LAKE CITY UT 84115 |

ALL DOMESTIC CORPORATIONS MUST LIST THREE (3) DIRECTORS UNLESS THEY FALL UNDER THE EXCEPTIONS STATED IN SECTION 15-10a-803(1) OR (11).

| | | |
|------------------|-------------------|-------------------------|
| DIRECTORS | | |
| 12. | DIRECTOR | E O FINLEY |
| | ADDRESS | 3212 S STATE ST |
| | CITY, STATE & ZIP | SALT LAKE CITY UT 84115 |
| 13. | DIRECTOR | N J FINLEY |
| | ADDRESS | 3212 S STATE ST |
| | CITY, STATE & ZIP | SALT LAKE CITY UT 84115 |
| 14. | DIRECTOR | C A GUSTAFSON |
| | ADDRESS | 3212 S STATE ST |
| | CITY, STATE & ZIP | SALT LAKE CITY UT 84115 |

Under penalties of perjury and as an authorized officer, I declare that this annual report and, if applicable, the statement change of registered office and/or agent, has been examined by me and is, to the best of my knowledge and belief, true, correct, and complete.

| | | |
|-----|-------------------|-------------|
| 15. | BY | [Signature] |
| 16. | Title of Position | |
| 17. | Date | 200-10-29 |

IF THERE ARE NO CHANGES FROM THE PREVIOUS YEAR, AND YOU HAVE ALL CORPORATE REQUIREMENTS FILLED PERTAINING TO OFFICER AND DIRECTOR INFORMATION YOU MAY DETACH THE COUPON BELOW, AND RETURN IT IN THE ENCLOSED ENVELOPE WITH YOUR PAYMENT. YOU MAY KEEP THE ABOVE REPORT FOR YOUR RECORDS.

Olympus Aerial Surveys, Inc.
 2000 HIAWATH SUBSIDENCE STUDY
 using elevation readings from photography dated October 6, 2000 versus those of September 28, 1988
 For
 HIAWATHA COAL COMPANY

USING 2000 REVISED CONTROL

| POINT | EASTING | NORTHING | 1988 ELEVATION | 2000 DIFFERENCE | POINT | COMMENTS |
|-------|-----------|----------|-------------------|--------------------|-------|------------|
| 300 | -16154.84 | 9455.11 | 9145.11 | -0.13 | 300 | |
| 301 | -19121.59 | 10685.80 | 9834.34 | -1.05 | 301 | |
| 302 | -19173.85 | 10300.36 | 9820.79 | -0.68 | 302 | |
| 303 | -18869.74 | 10206.93 | 9700.41 | 0.02 | 303 | |
| 304 | -18581.35 | 10303.30 | 9654.68 | -0.67 | 304 | |
| 305 | -18087.10 | 10234.14 | 9506.03 | 0.27 | 305 | |
| 306 | -17709.81 | 10335.41 | 9565.75 | -0.48 | 306 | |
| 307 | -17396.29 | 10215.50 | 9578.39 | -0.22 | 307 | |
| 308 | -17026.86 | 10492.97 | 9421.05 | -0.53 | 308 | |
| 309 | -16470.54 | 10432.95 | 9107.78 | -0.45 | 309 | |
| 310 | -16010.34 | 10379.94 | 8892.65 | -0.96 | 310 | |
| 311 | -15534.40 | 10214.41 | 8658.30 | 0.01 | 311 | |
| 312 | -15030.53 | 10279.77 | 8555.36 | -0.10 | 312 | |
| 313 | -19120.31 | 10030.57 | 9726.74 | 0.12 | 313 | |
| 314 | -19065.12 | 9847.59 | 9637.45 | -0.32 | 314 | |
| 315 | -18832.77 | 9843.37 | 9572.86 | -0.49 | 315 | |
| 316 | -18533.30 | 9941.48 | 9495.16 | -1.65 | 316 | |
| 317 | -18093.93 | 9870.18 | 9353.92 | -0.01 | 317 | |
| 318 | -17723.28 | 9760.03 | 9359.17 | -0.17 | 318 | |
| 319 | -17264.65 | 9925.78 | 9502.48 | -0.56 | 319 | |
| 320 | -17237.77 | 9502.10 | 9325.44 | 0.32 | 320 | |
| 321 | -17043.07 | 9835.38 | 9468.03 | 0.48 | 321 | |
| 322 | -16863.19 | 9375.28 | 9410.64 | -1.36 | 322 | |
| 323 | -16408.10 | 9639.15 | 9323.66 | -0.35 | 323 | |
| 324 | -16022.31 | 9703.75 | 8994.83 | -0.05 | 324 | |
| 325 | -15800.08 | 9592.11 | 8894.32 | -0.84 | 325 | |
| 326 | -15439.18 | 9670.87 | 8702.31 | -1.04 | 326 | obscure pt |
| 327 | -14529.34 | 9520.17 | 8629.18 | 0.11 | 327 | |
| 328 | -14098.13 | 9468.10 | 8680.60 | -0.11 | 328 | |
| 329 | -13724.82 | 9466.06 | 8644.11 | 1.00 | 329 | |
| 331 | -19057.24 | 9390.63 | 9480.81 | -1.19 | 331 | |
| 332 | -18771.19 | 9358.94 | 9450.32 | -0.73 | 332 | |
| 333 | -18429.75 | 9256.83 | 9293.85 | -0.60 | 333 | |
| 334 | -17992.74 | 9296.12 | 9004.63 | -0.61 | 334 | |
| 335 | -17505.83 | 9482.54 | 9272.66 | 0.05 | 335 | |
| 336 | -17290.42 | 8829.29 | 8940.62 | -0.22 | 336 | |
| 337 | -17042.64 | 9167.67 | 9216.47 | 0.50 | 337 | |
| 338 | -16634.76 | 8974.17 | 9327.09 | -0.28 | 338 | |
| 339 | -16314.81 | 9041.05 | 9307.09 | -0.01 | 339 | |
| 340 | -16079.12 | 9068.77 | 9303.68 | 0.00 | 340 | |
| 341 | -15915.26 | 9013.40 | 9190.97 | -0.20 | 341 | |
| 342 | -15592.84 | 8946.68 | 9109.82 | -0.39 | 342 | |
| 343 | -15148.09 | 8843.97 | 9083.49 | 0.67 | 343 | |

| POINT | EASTING | NORTHING | 1988 | 2000 | POINT | COMMENTS |
|-------|-----------|----------|-----------|------------|-------|----------------|
| | | | ELEVATION | DIFFERENCE | | |
| 344 | -14876.56 | 8741.88 | 9076.67 | -0.07 | 344 | |
| 345 | -14506.87 | 8799.79 | 9019.29 | -0.56 | 345 | |
| 346 | -14038.72 | 8845.22 | 8830.35 | 0.02 | 346 | |
| 347 | -13740.63 | 8785.27 | 8694.09 | 0.29 | 347 | |
| 348 | -13309.70 | 8655.70 | 8500.94 | 0.42 | 348 | |
| 349 | -19033.12 | 8822.29 | 9267.53 | -0.44 | 349 | |
| 350 | -18890.82 | 8447.55 | 9009.19 | -0.04 | 350 | |
| 351 | -19344.28 | 8372.53 | 9011.03 | 0.15 | 351 | |
| 352 | -19439.16 | 7927.91 | 9252.92 | -0.60 | 352 | |
| 353 | -18802.18 | 7864.43 | 8831.27 | -0.36 | 353 | |
| 354 | -18818.63 | 7465.64 | 8863.47 | -0.19 | 354 | |
| 355 | -19385.86 | 7463.43 | 9253.96 | 0.68 | 355 | |
| 356 | -19380.67 | 7271.07 | 9182.23 | -0.15 | 356 | |
| 357 | -19063.39 | 6496.12 | 9430.72 | 1.32 | 357 | |
| 358 | -19224.54 | 6288.24 | 9473.18 | -0.08 | 358 | |
| 359 | -19198.98 | 5878.10 | 9389.51 | 1.40 | 359 | |
| 360 | -18883.84 | 5414.38 | 9434.91 | 0.25 | 360 | |
| 361 | -19002.92 | 5175.54 | 9524.31 | 0.18 | 361 | |
| 362 | -18942.09 | 4764.81 | 9554.81 | -0.01 | 362 | |
| 363 | -18853.71 | 3778.42 | 9634.85 | -0.02 | 363 | |
| 364 | -19168.45 | 3300.66 | 9776.17 | 0.19 | 364 | |
| 365 | -19130.53 | 3130.86 | 9769.47 | 0.20 | 365 | |
| 366 | -19053.73 | 2638.47 | 9737.63 | -1.16 | 366 | |
| 367 | -18969.16 | 2264.18 | 9728.72 | -0.24 | 367 | |
| 368 | -18935.65 | 1853.96 | 9723.52 | -1.08 | 368 | |
| 369 | -20166.28 | 9321.90 | 9569.49 | -2.31 | 369 | |
| 370 | -19830.14 | 9318.36 | 9648.96 | -1.55 | 370 | |
| 371 | -21681.13 | 9106.98 | 9826.11 | -0.66 | 371 | |
| 372 | -21299.13 | 9057.08 | 9817.86 | -0.03 | 372 | |
| 373 | -20819.94 | 8986.88 | 9754.46 | -0.74 | 373 | |
| 374 | -20367.73 | 9121.52 | 9580.80 | -2.02 | 374 | |
| 375 | -20036.82 | 8969.18 | 9460.34 | -2.01 | 375 | |
| 376 | -19816.19 | 8907.58 | 9470.75 | -1.75 | 376 | |
| 377 | -19451.83 | 9064.17 | 9436.42 | 0.00 | 377 | unable to read |
| 378 | -21666.24 | 8764.28 | 9801.38 | 0.25 | 378 | |
| 379 | -21356.64 | 8757.05 | 9813.17 | 0.09 | 379 | |
| 380 | -20916.70 | 8591.22 | 9783.94 | -0.84 | 380 | |
| 381 | -20319.10 | 8603.66 | 9606.75 | -3.39 | 381 | |
| 382 | -20069.35 | 8380.79 | 9533.03 | -1.84 | 382 | |
| 383 | -19860.16 | 8756.37 | 9385.83 | -3.55 | 383 | |
| 384 | -19459.87 | 8502.21 | 9136.19 | -0.51 | 384 | |
| 385 | -21704.89 | 8452.24 | 9791.02 | 0.09 | 385 | |
| 386 | -21286.26 | 8301.75 | 9845.25 | -0.23 | 386 | |
| 387 | -20935.36 | 8329.74 | 9807.50 | -0.14 | 387 | |
| 388 | -20678.42 | 8266.42 | 9743.70 | -0.22 | 388 | |
| 389 | -20437.19 | 8163.26 | 9686.88 | -0.81 | 389 | |
| 390 | -20045.64 | 8071.42 | 9565.09 | -1.71 | 390 | * |
| 391 | -19591.56 | 7908.10 | 9329.55 | -2.77 | 391 | * |

As in prior reports, 1988 elevations for points 349 to 368 are using the revised values to reflect better information. This standing revision is in accordance with our prior discussions on the subject.

| POINT | EASTING | NORTHING | 1988 | 2000 | POINT | COMMENTS |
|-------|-----------|----------|-----------|------------|-------|----------|
| | | | ELEVATION | DIFFERENCE | | |
| 392 | -20940.37 | 8042.87 | 9830.70 | -0.34 | 392 | |
| 393 | -20514.77 | 7860.31 | 9765.89 | -0.06 | 393 | |
| 394 | -20298.22 | 7698.64 | 9712.01 | -0.01 | 394 | |
| 395 | -19343.98 | 7458.34 | 9226.76 | -0.08 | 395 | |
| 396 | -20545.27 | 7554.42 | 9819.35 | 0.33 | 396 | |
| 397 | -20715.24 | 7300.77 | 9871.54 | 0.21 | 397 | |
| 398 | -20203.05 | 7270.05 | 9630.36 | 0.13 | 398 | |
| 399 | -18623.10 | 8438.53 | 8962.74 | -0.10 | 399 | |
| 400 | -18300.56 | 8438.86 | 8935.10 | -0.02 | 400 | |
| 401 | -18085.67 | 8396.12 | 8872.62 | -0.01 | 401 | |
| 402 | -17712.05 | 8476.90 | 8659.57 | -0.26 | 402 | |
| 403 | -17465.94 | 8461.25 | 8713.42 | -0.04 | 403 | |
| 404 | -17162.72 | 8423.47 | 8801.87 | -0.17 | 404 | |
| 405 | -16856.17 | 8485.74 | 8941.97 | 0.05 | 405 | |
| 406 | -16533.80 | 8458.64 | 8995.07 | -0.07 | 406 | |
| 407 | -16223.30 | 8454.41 | 9084.35 | -0.15 | 407 | |
| 408 | -15915.85 | 8443.88 | 8937.60 | -0.70 | 408 | |
| 409 | -15606.06 | 8430.98 | 8867.10 | -0.41 | 409 | |
| 410 | -15291.41 | 8442.89 | 8872.42 | -0.72 | 410 | |
| 411 | -15000.02 | 8436.97 | 8899.24 | -0.35 | 411 | |
| 412 | -14697.00 | 8451.37 | 8974.20 | 0.09 | 412 | |

* Control point SUB 4 was destroyed this year (2000), therefore these points may be unreliable.

Hiawatha Coal Company

Box 1001
Huntington, Utah 84528

Office (435) 637-1111
FAX (435) 637-1111

Hydrology Field Measurement Form

Mine Hiawatha Mine Complex Station # 0002

Permit No. ACT/007/011

Sample Date 9/25/00

Sample Time 14:10

Type: Spring Stream Well NPDES

Collection Point _____

Appearance of Water: Clear Milky Cloudy Opaque

Quality Sample Taken: Baseline Operational Field

Flow Depth 70 gpm

Water Temperature 14.4°C

pH 7.54

Specific Conductivity 1147

Dissolved Oxygen -

Comments: _____

Field Monitor Nephi Walton

Lab Analyzing N/A Date Shipped _____

Sample ID # _____ Date Results Received _____

OLYMPUS AERIAL SURVEYS, INC.

30 WEST 2950 SOUTH
 SALT LAKE CITY, UTAH 84115
 (801) 484-4351
 FAX (801) 484-4353

LETTER OF TRANSMITTAL

TO Co-op Mining Company

 PHONE - -

| | |
|-------------------------------|-------------------|
| DATE 3-23-01 | JOB NO. 200075 |
| ATTENTION Charles Reynolds | |
| RE: Hiawatha Coal | |

| SETS | NO. | | SCALE | COLOR | B&W |
|------|-----|---|--------|-------|-----|
| | | CONTACT AERIAL PHOTOS (CONTROL PRINTS) | | | |
| | | CONTACT AERIAL PHOTOS (CONTROL PRINTS) | | | |
| 1 | 52 | CONTACT AERIAL PHOTOS (DELIVERY PRINTS) * | 1:6000 | | X |
| | | ENLARGED AERIAL PHOTOS | | | |
| | | 1-01 to 1-13, 2-01 to 2-13, 3-01 to 3-13 & 4-01 to 4-13 | | | |
| 1 | 1 | print out & hard copy | | | |
| 1 | 1 | COMPUTER DISKS 3 1/2" disk / 000075.dwg | | | |
| 1 | 1 | VOLUME COMPUTATIONS | | | |

| SETS | NO. | | SHEET SIZE | SCALE |
|------|-----|-------------------------------------|------------|-------|
| | | ORIGINAL TOPOGRAPHIC MAP SHEETS | | |
| | | ORIGINAL ORTHOPHOTO MAP SHEETS | | |
| | | ORIGINAL ORTHOPHOTO TOPO MAP/SHEETS | | |
| | | | | |
| | | PHOTO PLAN SHEETS | | |
| | | PHOTO PLAN & PROFILE SHEETS | | |
| | | | | |
| | | | | |
| | | | | |

RECEIVED BY

Charles Reynolds

DATE RECEIVED

3-29-01

Please return signed, white copy to Olympus Aerial Surveys, Inc.

HIAWATHA
CONTROL POINT
GROUND
ELEVATIONS

| Station | Latitude | Departure | Gnd Elevation | Elevation Changes |
|---------|------------|------------|---------------|-------------------|
| SUB 4 | N 7822.35 | W 20102.73 | 9604.7 | 0 |
| A 76 | N 10839.25 | W 18116.60 | 9793.74 | 0 |
| SUB 1 | N 13841.05 | W 20229.81 | 9942.51 | 0 |
| SUB 2 | N 13668.57 | W 22030.94 | 10061.94 | 0 |
| SUB 22 | N 15497.07 | W 15927.03 | 9643.77 | 0 |
| SUB 5A | N 8325.48 | W 21937.41 | 9764.63 | 0 |