

**From:** Daron Haddock  
**To:** Ingrid Campbell; Joe Helfrich; Karl Houskeeper; OGMCOAL  
**Date:** 3/10/2011 8:55 AM  
**Subject:** Fwd: FW: 2010 Annual Report  
**Attachments:** BearCanyon Annual Report.pdf; Annual\_Report.pdf; Confidential\_Info.pdf

>>> Jaren Jorgensen <JJorgensen@rhinolp.com> 3/10/2011 8:45 AM >>>  
Daron,

Here is the 2010 Annual Report for the Bear Canyon Mine known now as Castle Valley Mining. If there is anything that I needed to include or clarify please let me know.  
Thanks again for your help.

Jaren Jorgensen  
Castle Valley Mining  
Huntington UT  
435 687 5454  
**From:** Jaren Jorgensen [jjorg6993@yahoo.com]  
**Sent:** Thursday, March 10, 2011 8:20 AM  
**To:** Jaren Jorgensen  
**Subject:** 2010 Annual Report

# Annual Report

Date

3/10/11

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 April 30, 2010. During a complete inspection an inspector will check and verify the information.

## GENERAL INFORMATION

Company Name	Rhino Energy	Mine Name	Bear Canyon Mine
Permit Number	C/015/0025	Permit expiration Date	2015-11-02
Operator Name	Castle Valley Mining LLC	Phone Number	+1 (435) 687-5454
Mailing Address	BOX 475	Email	jjorgensen@rhinolp.com
City	Huntington	State	UT
Zip Code	84528		

## CERTIFIED REPORTS

### DOGM File Location

Excess Spoil Piles	<input type="checkbox"/> Required <input checked="" type="checkbox"/> Not Required	
Refuse Piles	<input type="checkbox"/> Required <input checked="" type="checkbox"/> Not Required	
Impoundments	<input checked="" type="checkbox"/> Required <input type="checkbox"/> Not Required	See Annual Report Attachment on this e mail
Other:		

## OPERATOR COMMENTS

Impoundments consist of Ponds: A, B, C, D. Impoundments certified 4/25/2010. Pond A was recertified 2/4/2011 after cleaning. See Annual Report attachment on this e mail. Pages 1-5

## REVIEWER COMMENTS

Met Requirements

Did Not meet Requirements

**COMMITMENTS AND CONDITIONS**

The Permittee is responsible for ensuring annual technical commitments in the MRP and conditions accepted with the permit are completed throughout the year. The Division has identified these commitments below and has provided space for you to report what you have done during the past year for each commitment. If the particular section is blank, no commitment has been identified and no response is required for this report. If additional written response is required, it should be filed under Appendix B to this report.

**Title:** EXPERIMENTAL PRACTICE FIELD TRIALS.

**Objective:** Monitoring to support proposed Experimental Practice.

**Frequency:** Annual Evaluation in June.

**Status:** Ongoing.

**Reports:** Provide in annual report a comparison of growth on field trials with Douglas/Fir reference area..

**Citation:** App. 2-6 and Map 2-4.

**OPERATOR COMMENTS**

Subsidence monitoring has been a struggle from the purchase of the mine from C.W. Mining. Points that were there during the C.W. Mining era are no longer there or were never there. From this point forth I believe that we can get better data. We did complete what we could find and the data is attached in Annual Report Attachment. Page 6

**REVIEWER COMMENTS**

Met Requirements

Did Not meet Requirements

**Title:** SOIL SAMPLING OF FILL AT T1, T2, T3

**Objective:** To protect buried substitute topsoil in the fill.

**Frequency:** Annual Evaluation during field season.

**Status:** Ongoing.

**Reports:** Provide information in Annual Report.

**Citation:** App. 2-6 Addendum and Map 2-4.

**OPERATOR COMMENTS**

During our annual safety training we include wildlife protection here on the Mining facility

**REVIEWER COMMENTS**

Met Requirements

Did Not meet Requirements

**Title: WILDLIFE AWARENESS PROGRAM**

**Objective:** To inform employees of the wildlife and the need for protection in the mine facilities and access road areas.

**Frequency:** As needed.

**Status:** Ongoing.

**Reports:** Summary in Annual Report

**Citation:** Volume I, chapter three, page 3-10, paragraph 5.

**OPERATOR COMMENTS**

We have not discovered any new Archeological areas on the mining facility

**REVIEWER COMMENTS**

Met Requirements

Did Not meet Requirements

**Title: RECLAMATION MONITORING**

**Objective:** Visually assess the revegetation success.

**Frequency:** Quarterly for the first three years and June of each year thereafter.

**Status:** Implement at reclamation.

**Reports:** Annually.

**Citation:** Volume I, chapter three, page 3-16, paragraph 2.

**OPERATOR COMMENTS**

Attached as a separate attachment marked Annual report confidential information. Is the Raptor survey that was completed by Norwest Engineering and ESI.

**REVIEWER COMMENTS**

Met Requirements

Did Not meet Requirements

**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 item. These commitments are included for information only, and do not currently require action.**

**Title: CULTURAL RESOURCES**

**Objective:** If during the course of mining operations, previously unidentified cultural resources are discovered, the Permittee shall ensure that the site(s) is not disturbed and shall notify the Division of Oil, Gas, and Mining. The Division, after coordination with OSM, shall inform the Permittee of necessary actions required. The Permittee shall implement the mitigation measures required by the Division within the time frame specified by the Division.

**Frequency:** As needed.

**Status:** Ongoing.

**Reports:** Annual.

Citation: Permit Condition Sec. 16.

**OPERATOR COMMENTS**

**Title: CULTURAL RESOURCES**

**Objective:** If during the course of mining operations, previously unidentified cultural resources are discovered, the Permittee shall ensure that the site(s) is not disturbed and shall notify the Division of Oil, Gas, and Mining. The Division, after coordination with OSM, shall inform the Permittee of necessary actions required. The Permittee shall implement the mitigation measures required by the Division within the time frame specified by the Division.

**Frequency:** As needed.

**Status:** Ongoing.

**Reports:** Annual.

**OPERATOR COMMENTS**

**Title: CULTURAL RESOURCES**

**Objective:** If during the course of mining operations, previously unidentified cultural resources are discovered, the Permittee shall ensure that the site(s) is not disturbed and shall notify the Division of Oil, Gas, and Mining. The Division, after coordination with OSM, shall inform the Permittee of necessary actions required. The Permittee shall implement the mitigation measures required by the Division within the time frame specified by the Division.

**Frequency:** As needed.

**Status:** Ongoing.

**Reports:** Annual.

Citation: Permit Condition Sec. 16.

**OPERATOR COMMENTS**



**REPORTING OF OTHER TECHNICAL DATA**

List other technical data and information as required under the approved plan, which must be periodically submitted to the Division. Specify whether the information is included as an attachment to this report or currently on file with the Division.

**OPERATOR COMMENTS**

**REVIEWER COMMENTS**     Met Requirements     Did Not meet Requirements

**LEGAL, FINANCIAL, COMPLIANCE AND RELATED INFORMATION**

The Division is Requesting that each Permittee review and update the legal, financial, compliance and related information in the plan as part of the annual report. Please 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 change 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 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 the report.

**LEGAL/ FINANCIAL UPDATE**

Includ

DOGM File Location

**REVIEWER COMMENTS**

Met Requirements

Did Not meet Requirements

**MAPS**

Copies of mine maps, current and up-to-date through at least December 31, 2009, are to be provided to the Division as Appendix D to this report in accordance with the requirements of R 645-301-525.240. The map copies shall be made in accordance with 30 CFR 75.1200 as required by MSHA. Mine maps are not considered confidential. (Please provide a CD.)

Map Name	Map Number	Included		Confidential	
		Yes	No	Yes	No
Annual subsidence map		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Mine Map		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

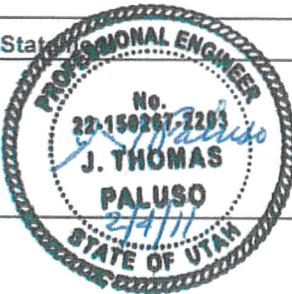
**REVIEWER COMMENTS**     Met Requirements     Did Not meet Requirements

**OTHER INFORMATION**

Please provide any comments of further information to be included as part of the Annual Report. Any other attachments are to be provided as Appendix E to this report. If information is submitted as a group rather than by individual mine, please identify each of the mine's data in the list below.

**LIST ATTACHMENTS:**

**REVIEWER COMMENTS**

<b>1. IMPOUNDMENT INSPECTION AND CERTIFIED REPORT</b>		007A	Page 1 of 1
Permit Number:	ACT/015/025	Report Date:	
Mine Name:	Castle Valley Mine		
Company Name	Rhino Energy LLC		
Impoundment Identification:	Impoundment Name	Sediment Pond "A"	
	Impoundment Number:	002A	
	UPDES Permit Number:	UTG040006	
	MSHA ID Number:		
<b>IMPOUNDMENT INSPECTION</b>			
Inspection Date:	24-Jan-11		
Inspected By:	J.T. Paluso		
Reason for Inspection:	Annual Inspection		
<small>(Annual, Quarterly or other Periodic Inspection, Critical Installation or Completion of Construction)</small>			
<b>1. Describe any appearances of any instability, structural weakness, or any other hazardous condition.</b>			
The pond's dam shows no signs of structural instability or other hazardous conditions.			
Required for an impoundment which functions as a SEDIMENTATION POND	<b>2. Sediment storage capacity, including elevation of 60% and 100% sediment storage volumes and estimated average elevation of existing sediment.</b>		
	Sediment storage capacity: Sediment completely removed		
	60% Cleanout Elevation: 7,086		
	100% Sediment storage elevation: 7,087.9		
	Existing sediment elevation: Ice at elevation 7,082		
	<b>3. Principle and emergency spillway elevations</b>		
	Principle spillway elevation: 7,088		
	Emergency spillway elevation: 7,094.5		
<b>4. Field Information:</b> 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 embankment erosion/repairs, monitoring information, vegetation on out slopes of embankments, etc			
During the quarterly inspection, September 23, 2010, all sediment had been removed. During this inspection ice was at an elevation of 7,082 ft. Vegetative cover looked good with no signs of erosion.			
<b>5. Field Evaluation:</b> 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.			
Impounded water is 6 ft. below the principle spillway. Photographs taken on September 23, 2010, indicate that sediment was removed to approximately an elevation of 7,079 ft.			
Qualified State	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: <i>J.T. Paluso</i>		Date: <i>2/4/11</i>

<b>1. IMPOUNDMENT INSPECTION AND CERTIFIED REPORT</b>	007A	Page 1 of 1
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Permit Number	ACT/015/025	Report Date	4/25/10
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Mine Name	Bear Canyon Mine
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Company Name	CW Mining Company
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<b>Impoundment Identification</b>	<b>Impoundment Name</b>	Sediment Pond "A"
	<b>Impoundment Number</b>	002A
	<b>UPDES Permit Number</b>	UTG040006
	<b>MSHA ID Number</b>	N/A

**IMPOUNDMENT INSPECTION**

Inspection Date	4/24/10
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Inspected By	Michael J Weigand
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<b>Reason for Inspection:</b> (Annual, Quarterly or Other Periodic Inspection, Critical Installation, or Completion of Construction)	Quarterly
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**1. Describe any appearance of any instability, structural weakness, or any other hazardous condition.**

The pond's dam shows no signs of structural instability or other hazardous conditions.

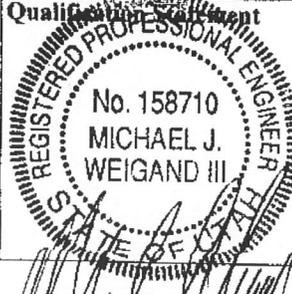
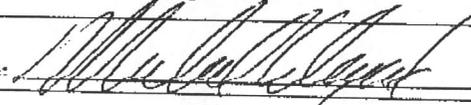
Required for an impoundment which functions as a <b>SEDIMENTATION POND.</b>	<p><b>2. Sediment storage capacity, including elevation of 60% and 100% sediment storage volumes, and, estimated average elevation of existing sediment.</b></p> <p>Sediment storage capacity = 31,357 cu ft                  60% Cleanout elevation = 7,086                  100% Sediment storage elevation = 7,087.9                  Existing sediment elevation = 7,084 average</p> <p><b>3. Principle and emergency spillway elevations</b></p> <p>Principle spillway elevation = 7,088                  Emergency spillway elevation = 7,094.5</p>
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**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.

Operator is pumping water from A to B pond to dry and clean. West half of pond sediment as high as 7086, portion in east half cleaned last year as high as 7082. Operator should continue to clean pond.

**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 approximately 10,000 cu ft. The existing runoff storage capacity is 102,800 cu ft which is greater than the 64,951 cu ft required in the MRP.

	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: 4/25/10

**1. IMPOUNDMENT INSPECTION AND CERTIFIED REPORT** 007A Page 1 of 1

Permit Number: ACT/015/025 Report Date: 4/25/10

Mine Name: Bear Canyon Mine

Company Name: CW Mining Company

Impoundment Identification	Impoundment Name	Sediment Pond "B"
	Impoundment Number	003A
	UPDES Permit Number	UTG040006
	MSHA ID Number	N/A

**IMPOUNDMENT INSPECTION**

Inspection Date: 4/24/10

Inspected By: Michael J Weigand

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

**1. Describe any appearance of any instability, structural weakness, or any other hazardous condition.**  
 The pond's dam shows no signs of structural instability or other hazardous conditions.

Required for an impoundment which functions as a SEDIMENTATION POND.	<b>2. Sediment storage capacity, including elevation of 60% and 100% sediment storage volumes, and, estimated average elevation of existing sediment.</b>
	Sediment storage capacity = 3,670 cu ft 60% Cleanout elevation = 7,062.9 100% Sediment storage elevation = 7,063.4 Existing sediment elevation = 7,062.1
	<b>3. Principle and emergency spillway elevations</b>
	Principle spillway elevation = 7,064.9 Emergency spillway elevation = 7,066.9

**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.

Operator is pumping water from A to B pond to dry and clean Pond A. Some standing water exists. Sediment as high as 7062.4, low as 7061.8. Pond was recently cleaned of debris to vacate a violation.

**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 approximately 1,000 cu ft. The existing runoff storage capacity is 17,000 cu ft which is greater than the 9,095 cu ft required in the MRP.



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: *Michael J Weigand* Date: 4-25-10

<b>1. IMPOUNDMENT INSPECTION AND CERTIFIED REPORT</b>	007A	Page 1 of 1
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Permit Number	ACT/015/025	Report Date	4/25/10
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Mine Name	Bear Canyon Mine		
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Company Name	CW Mining Company		
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<b>Impoundment Identification</b>	<b>Impoundment Name</b>	Sediment Pond "C"	
	<b>Impoundment Number</b>	006A	
	<b>UPDES Permit Number</b>	UTG040006	
	<b>MSHA ID Number</b>	N/A	

**IMPOUNDMENT INSPECTION**

Inspection Date	4/24/10		
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Inspected By	Michael J Weigand		
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<b>Reason for Inspection:</b> (Annual, Quarterly or Other Periodic Inspection, Critical Installation, or Completion of Construction)	Quarterly		
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**1. Describe any appearance of any instability, structural weakness, or any other hazardous condition.**

The pond's dam shows no signs of structural instability or other hazardous conditions.

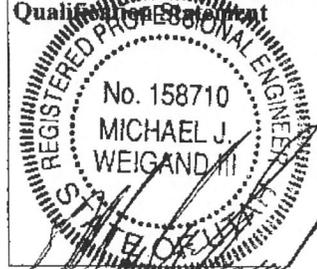
Required for an impoundment which functions as a SEDIMENTATION POND.	<p><b>2. Sediment storage capacity, including elevation of 60% and 100% sediment storage volumes, and, estimated average elevation of existing sediment.</b></p> <p>Sediment storage capacity = 3,948 cu ft                  60% Cleanout elevation = 7,030.3                  100% Sediment storage elevation = 7,031.4                  Existing sediment elevation = 7,029.2 average</p> <p><b>3. Principle and emergency spillway elevations</b></p> <p>Principle spillway elevation = 7,032.3                  Emergency spillway elevation = 7,035.3</p>
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**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.

Vegetation in the pond basin shows little to no sediment since last growing season.

**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 approximately 1,350 cu ft. The existing runoff storage capacity is 14,000 cu ft which is greater than the 7,881 cu ft required in the MRP.



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: *Michael J. Weigand* Date: 4/25/10

<b>1. IMPOUNDMENT INSPECTION AND CERTIFIED REPORT</b>	007A	Page 1 of 1
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Permit Number	ACT/015/025	Report Date	4/25/10
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Mine Name	Bear Canyon Mine
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Company Name	CW Mining Company
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<b>Impoundment Identification</b>	Impoundment Name	Sediment Pond "D"
	Impoundment Number	006A
	UPDES Permit Number	UTG040006
	MSHA ID Number	N/A

**IMPOUNDMENT INSPECTION**

Inspection Date	4/24/10
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Inspected By	Michael J Weigand
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Reason for Inspection: (Annual, Quarterly or Other Periodic Inspection, Critical Installation, or Completion of Construction)	Quarterly
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**1. Describe any appearance of any instability, structural weakness, or any other hazardous condition.**  
The pond's dam shows no signs of structural instability or other hazardous conditions.

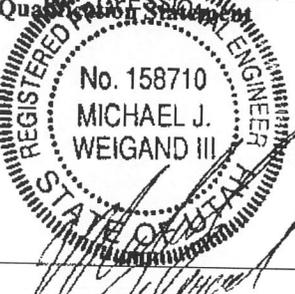
Required for an impoundment which functions as a SEDIMENTATION POND.	<p><b>2. Sediment storage capacity, including elevation of 60% and 100% sediment storage volumes, and, estimated average elevation of existing sediment.</b></p> <p>Sediment storage capacity = 1,341 cu ft          60% Cleanout elevation = 7,637.6          100% Sediment storage elevation = 7,638.5          Existing sediment elevation = 7,636.7 average</p> <p><b>3. Principle and emergency spillway elevations</b></p> <p>Principle spillway elevation = 7,641.4          Emergency spillway elevation = 7,644</p>
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**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.

Pond shows no sediment accumulation.

**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 approximately 283 cu ft. The existing runoff storage capacity is 6,320 cu ft which is greater than the 5,565 cu ft required in the MRP.

	<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: <i>Michael J. Weigand</i> Date: <i>4/25/10</i></p>
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						2010					09-10 Difference
	Northing	Easting	Elevation 07	Elevation 09	Hidden Column Elevation 09	Point #	Northing	Easting	Elevation	Description	
SUB 01	6961482.08	1751184.53	9184.58	9184.58	9184.58						
SUB 05	6961382.26	1752644.89	9391.65	9391.65	9391.65						
SUB 07	6962245.20	1753650.97	9396.89	9396.89	9396.89						
SUB 09	6963106.15	1754833.83	9372.84	9372.84	9372.84						
SUB 10	6963556.33	1755746.70	9357.39	9357.39	9357.39						
SUB 11	6962129.54	1753483.32	9390.14	9390.14	9390.14						
SUB 12	6962193.39	1753411.24	9398.49	9398.49	9398.49						
SUB 13	6961966.08	1753566.63	9347.60	9347.60	9347.60						
SUB 14	6961788.09	1753610.11	9330.45	9330.45	9330.45						
SUB 15	6961716.00	1753766.55	9295.18	9295.18	9295.18						
SUB 16	6961857.98	1754125.08	9280.52	9280.52	9280.52						
SUB 17	6961897.13	1754283.28	9228.79	9228.79	9228.79						
SUB 25br	6961521.69	1754939.23	9021.84	9021.84	9021.84						
SUN 26br	6961571.18	1755052.79	8982.47	8982.47	8982.47						
SUB 27br	6961550.10	1755171.84	8912.12	8912.12	8912.12						
SUB 28br	6961486.88	1755237.95	8848.96	8848.96	8848.96						
SUB 29br	6961377.22	1755427.91	8664.09	8664.09	8664.09						
SUB 30br	6962018.64	1755036.98	9118.87	9118.87	9118.87						
SUB 25A	6958269.28	1757799.81	8943.86	8943.47	8943.47	78	6958269.73	1757798.95	8943.45	NAIL	0.02
SUB 25B	6958299.65	1757844.41	8971.49	8970.65	8970.65						
SUB 25C	6958337.24	1757881.12	8980.58	8979.40	8979.40	77	6958337.95	1757880.08	8982.03	NAIL	-2.63
SUB 25D	6958362.14	1757921.06	8994.86	8993.61	8993.61	75	6958363.64	1757920.21	8993.52	NAIL	0.09
SUB 25E	6958391.48	1757962.60	9011.85	9009.78	9009.78	74	6958392.45	1757962.58	9004.29	NAIL	5.49
SUB 25F	6958419.65	1758013.33	9015.53	9013.65	9013.65						
SUB 25G	6958453.84	1758049.10	9040.12	9038.14	9038.14	71	6958454.44	1758048.54	9037.19	NAIL	0.94
SUB 25H	6958489.47	1758077.55	9046.09	9045.11	9045.11						
SUB 25I	6958518.35	1758122.88	9055.28	9054.92	9054.92						
SUB 25J	6958547.89	1758167.21	9060.24	9059.74	9059.74						
SUB 25K	6958574.47	1758213.02	9078.77	9078.77	9078.77						
SUB 26	6957686.49	1757113.44	8769.97	8767.53	8767.53	79	6957688.68	1757111.87	8762.74	26 NAIL	4.79
SUB 27	6957747.31	1758315.12	8842.87	8842.56	8842.56	80	6957746.83	1758314.77	8842.65	27 NAIL TREES	-0.09
SUB 28	6957450.21	1758144.25	8689.27	8689.27	8689.27						
SUB 29	6957745.36	1760326.57	9161.55	9161.55	9159.16	85	6957740.58	1760337.64	9164.85	29 NAIL	-5.68
SUB 30	6957370.11	1760048.15	9109.69	9109.69	9109.69						
SUB 31	6957023.55	1759804.13	9017.47	9016.36	9016.36	90	6957009.74	1759813.93	9015.05	31 NAIL	1.31
SUB 32	6956749.59	1759458.57	8814.65	8814.65	8814.65						
SUB 33	6956434.90	1759218.63	8859.30	8859.30	8859.30						
SUB 34	6956732.51	1760836.67	9051.08	9051.08	9051.08	105	6956715.10	1760855.82	9047.39	34 NAIL	3.69
SUB 35	6956608.59	1761646.50	8677.42	8676.45	8677.42						
SUB 36	6956752.51	1761330.25	8782.07	8782.07	8782.07						
SUB 37	6955623.32	1760208.31	8605.29	8607.42	8605.29						
SUB 38	6955442.31	1760570.83	8831.55	8831.55	8831.55	92	6955441.58	1760570.78	8831.66	GRND	-0.11
SUB 39	6955356.96	1761062.79	9054.17	9054.17	9054.17	91	6955355.18	1761062.99	9054.21	ASP 9 CAP	-0.04
SUB 40	6955209.23	1761480.72	8869.46	8869.46	8869.46	100	6955209.27	1761481.19	8870.71	GRND	-1.25
SUB 41	6956605.05	1761647.64	8639.17	8639.17	8639.17						
SUB 42	6955898.68	1761478.24	8739.78	8739.78	8739.78						
SUB 43	6954292.99	1761046.59	8654.05	8654.72	8654.05						
SUB 44	6953913.82	1761202.86	8576.16	8576.16	8576.16						
SUB 45	6953966.46	1760730.64	8929.23	8929.23	8929.23	97	6953965.50	1760730.49	8929.22	GRND	0.01
SUB 46	6954003.25	1760160.21	8934.76	8934.76	8934.76	95	6954002.65	1760159.47	8933.63	GRND	1.13
SUB 47	6953726.61	1759382.80	8736.59	8736.59	8736.59						
SUB 48	6953290.54	1758198.88	8509.95	8509.95	8509.95						
SUB 49	6952396.35	1760927.18	8844.13	8844.13	8844.13						
SUB 50	6952229.46	1762087.28	8641.35	8641.35	8641.35						
SUB 51	6961582.39	1759535.14	9394.07	9394.07	9394.07	51	6961582.44	1759535.10	9375.63	51 NAIL	18.44
SUB 52	6962300.12	1760703.45	9393.64	9393.64	9393.64						
SUB 53	6960472.40	1760320.61	9350.34	9350.34	9350.34	53	6960473.37	1760321.46	9350.25	53 NAIL	0.09
SUB 54	6958940.86	1760373.55	9336.96	9339.50	9336.84	54	6958940.94	1760374.00	9336.88	54 NAIL	-0.04
SUB 55	6957621.82	1764693.51	8986.30	8986.85	8986.85						
SUB 56	6962800.76	1763350.10	9305.60	9305.61	9305.60	107	6962801.74	1763349.93	9305.40	GRND	0.20
SUB 57	6959480.07	1764778.26	9256.52	9252.47	9256.52	109	6959479.81	1764781.16	9256.40	USF 86	0.12
SUB 58	6958742.99	1758583.64	9180.25	9180.25	9178.75	63	6958721.50	1758550.27	9216.40	58 NAIL TREES	-37.66
SUB 59	6958914.40	1758789.27	9222.63	9222.63	9222.44	62	6958922.31	1758792.21	9213.79	59 NAIL TREES	8.65
SUB 60	6959201.86	1759259.76	9342.91	9342.91	9340.00	60	6959201.91	1759257.76	9339.94	60 NAIL OUT	0.06
SUB 61	6959395.12	1759259.91	9302.82	9302.82	9302.68	61	6959394.46	1759258.23	9302.68	61 NAIL OUT	0.00

Point described as nonexistent by previous surveyor  
Searched for but unable to find point or comparable data



cc: Joe

Incoming  
C0150025

#3774  
OK

8/25/2011

Daron R. Haddock  
Coal Program Manager

Subject: 2010 Annual Report Submittal for Castle Valley Mining LLC Bear Canyon Mine,  
C/015/0025, Task ID #3774

Dear Mr. Haddock:

Enclosed are the items that are required for the 2010 Annual Report for the Castle Valley Mine.

**Projected Mining maps:** This map shows more than five years of projected mining.

**Subsidence Map:** This map shows all of the tubular data which have been provided in the previous submittal on the map as well as Projected points.

**Wildlife and awareness program:** I would be glad to have someone from the Division come and talk to us. I will address this topic more frequently this year.

**Raptor Surveys:** Joe Helfridge from the Division helped conduct the 2010 Raptor survey follow-up with Darris of EIS. EIS did not think that there was a need for the written documentation survey seeing that Helfridge was present. Rhino did not have control nor was I here Jaren Jorgensen to complete this section. Maps have been provided in the previous submittal. Raptor surveys have been completed in 2011 as well as follow-up surveys.

**Legal, Financial, and Compliance information:** All information should be on file.

**Water Monitoring:** Castle Valley Mining is well aware of water monitoring plan. In addition, will continue to keep the Division informed on the projected mining impacts.

Thank you for your patience as we continue to work together on these Annual Reports. If you have any questions, please call me (435) 687-5454

Sincerely,

JAREN JORGENSEN  
Engineering

**File in:**

- Confidential
- Shelf
- Expandable

Date Folder 10/27/07 C/0150025

Incoming & 2010 Annual Report

RECEIVED

OCT 27 2011

P.O. Box 475 • Huntington, UT 84528  
Phone (435) 687-5454 • Fax (435) 687-5037