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# State of Utah

## DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
Executive Director

### Division of Oil, Gas and Mining

JOHN R. BAZA  
Division Director

January 8, 2016

All Coal Operators

Subject: 2015 Coal Mining Annual Reports for Active and Inactive Coal Mines

Dear Mine Operator:

Enclosed, please find an electronic Annual Report document. You should be able to Save, and Email the form. When completed, it must be submitted to the Division *electronically* either by emailing the form with the associated report documents, uploading on the Division ePermitting site or by saving the form to a CD.

The 2015 Annual Report form includes entries for regulatory requirements, such as annual impoundment certification; however, many Mining and Reclamation Plans include unique, mine-specific commitments that also must be reported annually. Depending on the status of your mine (active or inactive), some of the sections of the annual report may not apply or may not require a response. Also, please be sure to submit the following items:

- 1) Raptor and archeology reports marked as confidential and in a separate folder marked confidential (R645-300-124.300);
- 2) Mine map identifying mining in 2015 as well as the mining proposed for the next five years [PE Certified] (R645-301-512 and R645-301-521); and
- 3) Notices of Proposed Mining sent to water conservancy districts and all owners and occupants of surface property above the underground workings (R645-301-525.700).

**Please submit the completed form by March 31, 2016.** If you have any questions, please call me at (801) 538-5325.

Sincerely,

Daron R. Haddock  
Coal Program Manager

DRH/ss



Print Form

Submit by Email

Reset Form

# Annual Report

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

## GENERAL INFORMATION

Company Name	Alton Coal Development, LLC	Mine Name	Coal Hollow Mine
Permit Number	C/025/0005	Permit expiration Date	
Operator Name		Phone Number	
Mailing Address		Email	
City			
State		Zip Code	

## DOGM File Location or Annual Report Location

Excess Spoil Piles	<input checked="" type="checkbox"/> Required <input 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	
Other:		

## OPERATOR COMMENTS

## REVIEWER COMMENTS

Met Requirements     Did Not meet Requirements

# COMMITMENTS AND CONDITIONS

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

## **Title: TOPSOIL AND SUBSOIL SALVAGE AND FINAL RECLAMATION PLACEMENT**

**Objective:** Monitor topsoil and subsoil salvage by suitability criteria and depth described in Appendix 2-1, Table 4-1.

**Frequency:** During operations. Sampling regime will be reviewed and updated as necessary. In 2015 monitoring, add-in water soluble selenium analysis to the list of parameters run on replaced topsoil/subsoil.

**Status:** Long term

**Reports:** Provide laboratory reports and keep a tally of volumes salvaged, stockpiled and live hauled. In 2015 monitoring, add-in water soluble selenium analysis to the list of parameters run on replaced topsoil/subsoils.

**Citation:** MRP, Volume 1, Chapter 2, Section 231.300 (topsoil sampling), Section 232.500 (subsoil sampling), and Appendix 2-1, pg. 4-2.

Operator Comments

Reviewer Comments  Met Requirements  Did Not Meet Requirements

## **Title: PREDATOR CONTROL**

**Objective:** To effectively manage predators and increase the population of birds at the Alton lek.

**Frequency:** Annually

**Status:** Ongoing

**Reports:** Annual summary of work completed to date. Include data, locations, summary and analysis of predator control efforts. Please include any reports from USDA Wildlife Services.

**Citation:** MRP, Volume 2, Chapter 3, Appendix 3-5 page 26

Operator Comments

Reviewer Comments  Met Requirements

Did Not Meet Requirements

**Title: WILDLIFE AWARENESS PROGRAM**

**Objective:** To provide protection for the resident wildlife and minimize impacts (collisions) from vehicles and heavy equipment.

**Frequency:** Continuous and as needed for new employees throughout the life of the mine.

**Status:** Ongoing

**Reports:** Annual, log of employee awareness meetings, road kills for deer, elk, sage grouse and domestic livestock from the mine site to highway 89.

**Citation:** MRP, Volume 2, Chapter 3, pages 3-54, 55.

Operator Comments

Reviewer Comments  Met Requirements

Did Not Meet Requirements

**Title: GPS Monitoring of Sage-grouse**

**Objective:** Monitor impacts from mining activities, recruitment, mortality and behavior patterns of the sage-grouse in the Alton and associated leks in Sink Valley. Develop management strategies for habitat restoration and population expansion.

**Frequency:** As required by USU sage-grouse research contract.

**Status:** A revised monitoring program needs to be completed prior to conducting mining activities in the proposed North Lease area.

**Reports:** As required by USU contract.

**Citation:** Appendix 3-8

Operator Comments



Reviewer Comments  Did Not Meet Requirements  Met Requirements

**Title: SAMPLING FINAL GRADED, TOPSOILED SURFACE**

**Objective:** To ensure a fertile growth medium.

**Frequency:** One composite sample every 2-5 acres based on variability.

**Status:** Contemporaneous with reclamation.

**Reports:** Laboratory analysis of available phosphorus, soluble potassium and nitrate-nitrogen.

**Citation:** MRP, Volume 1, Chapter 2, Section 231.300 and 243.

Operator Comments

Reviewer Comments  Met Requirements  Did Not Meet Requirements

**Title: Evaluate Mine Discharges for Impacts to Kanab Creek AVF**

**Objective:** To evaluate discharges that may impact the designated AVF on Kanab Creek.

**Frequency:** Annually

**Status:** Ongoing

**Reports:** An annual finding should be placed in the Annual Report during operation and reclamation of any adverse impacts to the channel, dimunition of water quality and impacts to wildlife

**Citation:** Coal Hollow Permit, Attachment A, Special Condition #5

Operator Comments

Reviewer Comments  Met Requirements

Did Not Meet Requirements

**Title: RESTORATION OF LEK**

**Objective:** To restore the original lek at the end of mining activities.

**Frequency:** Once

**Status:** Restoration of the lek will begin at final reclamation.

**Reports:** Annual summary of work completed after reclamation begins.

**Citation:** MRP, Volume 2, Chapter 3, Appendix 3-5, page 12.

Operator Comments

Reviewer Comments  Met Requirements

Did Not Meet Requirements

**Title: SAGE GROUSE MONITORING**

**Objective:** To monitor the population densities at the Hoyt's ranch and Alton leks and migration patterns in between as long as the birds are living.

**Frequency:** Annual summary

**Status:** Ongoing, meet with the Division and other interested parties each October to discuss the sage grouse monitoring data collected that year and to provide recommendations for monitoring in the upcoming year.

**Reports:** Annual Summary of work completed.

**Citation:** MRP, Volume 2, Chapter 3, Appendix 3-5, page 14, 15, and 20.

Operator Comments



# FUTURE COMMITMENTS AND CONDITIONS

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

**Title:** REVIEW AND EVALUATE THE FACILITIES SPILL PLAN (APPENDIX 7-5)

**Objective:** To ensure the accuracy of the Facilities Spill Plan and to determine if additional or more effective spill prevention and control technology that is applicable to the facility must be added.

**Frequency:** At least once every five years.

**Status:** Last review 2015, next review due 2019.

**Reports:** Completed Plan Review form submitted for incorporation into Appendix B of Appendix 7-5.

**Citation:** MRP, Volume 7, Chapter 7, Appendix 7-5, Section 2.2 PLAN REVIEW, page 2.

OPERATOR COMMENTS (OPTIONAL)

REVIEWER COMMENTS

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## REPORTING OF OTHER TECHNICAL DATA

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

Please list attachments:

Reviewer Comments

# MAPS

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

Map Name	Map Number	Included		Confidential	
		Yes	No	Yes	No
Annual Mine/ Reclamation Area 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