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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

May 27, 2016

Kenneth Fleck, Manager of Geology and Environmental Affairs  
Interwest Mining Company  
P.O. Box 310  
Huntington, Utah 84528

Subject: Determination of Completeness, Task ID #5181, PacifiCorp, Deer Creek Mine, C/015/0018

Dear Mr. Fleck:

The Division received your application for a Significant Revision to the Deer Creek Mine permit on May 9, 2016. An initial review of the submitted information has determined the application is not administratively complete. The Division finds the proposed pipeline construction does not constitute a Post Mining Land Use Change; however, the application is a Significant Revision because the pipeline will be constructed outside the East Mountain CHIA boundary. Please see the attached review identifying where the application must provide additional information.

Thank you and please call me at (801) 538-5325 if you have any questions.

Sincerely,

Daron R. Haddock  
Permit Supervisor

DRH/KS/sqs  
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**ADMINISTRATIVE COMPLETENESS REVIEW WORKSHEET  
(R645-100)**

**DATE:** 5/27/2016

**REVIEWER(S):** Keenan Storrar, Lisa Reinhart

**APPLICANT:** Interwest Mining Company

**MINE NAME:** Deer Creek **FILE NO.:** 5181

**"Administratively Complete Application"** means an application for permit approval or approval for coal exploration, where required, which the Division determines to contain information addressing each application requirement of the State Program and to contain all information necessary to initiate processing and public review.

**Directions:** The categories listed below correspond to the minimum requirements for information necessary to initiate processing and public review. If a category is checked the Applicant has met the Completeness requirement for that category. If a category is not checked, the Completeness requirements have not been met. If a category is Not Applicable, enter NA in check box. The comments column will identify the deficiency and what is necessary to correct it.

		<b>Comments</b>	
301-112	Identification of Interests	<u>X</u>	There is no change as a result of the amendment. See 'LEGAL & FINANCIAL VOLUME.pdf' in the MRP.
100	Applicant's Business Structure	<u>X</u>	There is no change as a result of the amendment. See 'LEGAL & FINANCIAL VOLUME.pdf' in the MRP.
210	Applicant's Name/Address/Phone	<u>X</u>	There is no change as a result of the amendment. See 'LEGAL & FINANCIAL VOLUME.pdf' in the MRP.
220	Resident Agent's Name/Address/Phone	<u>X</u>	There is no change as a result of the amendment. See 'LEGAL & FINANCIAL VOLUME.pdf' in the MRP.
230	Name/Address/Phone of AML Fees Payer	<u>X</u>	There is no change as a result of the amendment. See 'LEGAL & FINANCIAL VOLUME.pdf' in the MRP.
300	Corporate Structure & Ownership	<u>X</u>	There is no change as a result of the amendment. See 'LEGAL & FINANCIAL VOLUME.pdf' in the MRP.
400	Identify Other Mining Operations in US	<u>X</u>	There is no change as a result of the amendment. See 'LEGAL & FINANCIAL VOLUME.pdf' in the MRP.
500	Surface & Mineral Ownership	<u>X</u>	There is no change as a result of the amendment. See 'LEGAL & FINANCIAL VOLUME.pdf' in the MRP.
600	Ownership Contiguous to Permit	<u>X</u>	There is no change as a result of the amendment. See 'LEGAL & FINANCIAL VOLUME.pdf' in the MRP.

700	MSHA Numbers	<u>X</u>	There is no change as a result of the amendment. See 'LEGAL & FINANCIAL VOLUME.pdf' in the MRP.
800	Interest in Contiguous Lands	<u>X</u>	There is no change as a result of the amendment. See 'LEGAL & FINANCIAL VOLUME.pdf' in the MRP.
301-113	Violation Information	—	Additional information is needed, see 'List of Violations'.
100	AVS Violation Evaluation	<u>X</u>	A Permit Evaluation was generated on 5/20/16. There were no violations generated in the AVS system.
200	Suspension or Revocation Information	<u>X</u>	There is no change as a result of the amendment. See 'LEGAL & FINANCIAL VOLUME.pdf' in the MRP.
300	List of Violations - <b>3 Previous Years</b>	—	PacifiCorp NOV list needs to be updated. The last revised copy in 'LEGAL & FINANCIAL VOLUME.pdf' is from 2012.
301-114	Right of Entry	—	The amendment must update the permit area.
301-115	Status of Unsuitability Claims	<u>X</u>	There is no change as a result of the amendment. See 'LEGAL & FINANCIAL VOLUME.pdf' in the MRP.
301-116	Permit Term	<u>X</u>	There is no change as a result of the amendment. See 'LEGAL & FINANCIAL VOLUME.pdf' in the MRP.
301-117	Insurance	<u>X</u>	The mine is covered by Liability Insurance from October 1, 2015 to October 1, 2016.
	Proof of Publication	—	The draft public notice is deficient. The amendment will not be processed as an Industrial/Commercial post mining land use change.
	Facilities and Structures Used in Common	<u>NA</u>	
301-118	Filing Fee	<u>NA</u>	

301-123	Notarized Signature of Responsible Official	<u>X</u>	Notarized by Chris M Christensen. Commission No. 682810. Commission Expires April, 24, 2019
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301-130	Information Collection: <b>Technical Data Accompanied by Names of Persons or Organizations that Collected and Analyzed the Data - Dates of Collections - and Analysis of the Data and Description of the Methodology Used to Collect and Analyze Data</b>	<u>X</u>	The names and organizations of the individuals reporting technical data is included.
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301-200	Soils	—	The amendnment does not provide information on handling soils during the construction of the pipeline.
211	Description of Pre-mining Soil Resources	<u>X</u>	There is no change as a result of the amendment. This information is found in Volume 1.
221	Prime Farmland Investigation	<u>X</u>	There is no change as a result of the amendment. This information is found in Volume 1.
222	Soil Survey	<u>X</u>	There is no change as a result of the amendment. This information is found in Volume 1.
224	Substitute Topsoil Info (When Proposed)	<u>X</u>	There is no change as a result of the amendment. This information is found in Volume 1.
230	Operation Plan <b>Topsoil Handling/Removal/Storage</b>	—	The amendment does not provide a narrative for handling soils during the construction of the pipeline.
240	Reclamation Plan <b>Soil Redistribution/Stabilization</b>	—	The amendment does not provide a narrative for soil redistribution after the pipeline is constructed.

301-300	Biology	<u>X</u>	The amendment does not contemplate any changes to fish and wildlife information, impacts from operations, or reclamation plans. The discharged water will be contained in a pipeline and will not affect vegetation, habitat, or wildlife resources within the permit area. Therefore, all information contained in Volume 11, R645-301-300 Biology Section still apply to the MRP.
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320	Vegetation Information	<u>X</u>	See above
322	Fish and Wildlife Information	<u>X</u>	See above
323	Maps/Photos <b>Vegetation-Fish-Wildlife Areas</b>	<u>X</u>	See above
330	Operation Plan <b>Vegetation-Fish-Wildlife Protection</b>	<u>X</u>	See above
341	Reclamation Plan for Revegetation	<u>X</u>	See above
342	Fish & Wildlife Plan for Reclamation Phase	<u>X</u>	See above

301-400	Land Use and Air Quality	<u>X</u>	Air pollution control measures are described in Approval Order DAQE-AN0239003-02. The amendment does not contemplate changes to air pollution.
411	Pre-Mining Land Use Information <b>(Includes Cultural Resources)</b>	—	The amendment must contain a supporting narrative (update section R645-301-411.140) which describes the nature of cultural and historic resources listed or eligible for listing in the NRHP and known archeological sites within the proposed disturbance area of the pipeline. The amendment must contain evidence of SHPO consultation for this information.
412	Post-Mining Land Use Information	—	The amendment will not be processed as a post mining land use change.

301-500	Engineering	<u>X</u>	The amendment includes changes to Engineering.
510 520	General Description of Operation Plan <b>(Maps, Locations, Cross-Sections, Narrative, Descriptions &amp; Calculations)</b>	—	The amendment must include design information and supporting calculations of the backup treatment system in the absence of the power plant. The amendment must include maps showing the location and permitted boundary of the backup treatment system.
522	Coal Recovery Description	<u>X</u>	There is no change as a result of the amendment. See Volumes 2, 11, and 12 for more information.
523	Mining Methods	<u>X</u>	There is no change as a result of the amendment. See Volumes 2, 11, and 12 for more information.

524	Blasting and Explosives Plan	<u>X</u>	There is no change as a result of the amendment. See Volumes 2, 11, and 12 for more information.
525	Subsidence Control Plan	<u>X</u>	There is no change as a result of the amendment. See Volumes 2, 11, and 12 for more information.
526	Mine Facilities Description <b>(Narrative, Plans, Maps)</b> <b>Including Existing Structures &amp; Support Facilities</b>	<u>X</u>	The mine plans to pipe mine water discharge to the Huntington power plant. The amendment contains information on how they will accomplish this.
527	Transportation Facilities <b>(Including Plans &amp; Maps)</b>	<u>X</u>	The plan includes maps and a narrative of the roads that will be affected by the amendment.
528	Coal Mine Waste Plans <b>(Description &amp; Designs)</b>	<u>X</u>	There is no change as a result of the amendment. See Volumes 2, 11, and 12 for more information.
529	Management of Mine Openings <b>(Design)</b>	<u>X</u>	The amendment includes plans to seal the Rilda Right portals and allow mine water discharge to pass through the seals.
531	General Plans for Structures	<u>X</u>	There is no change as a result of the amendment. See Volumes 2, 11, and 12 for more information.
532	Sediment Control	<u>X</u>	There is no change as a result of the amendment. See Volumes 2, 11, and 12 for more information.
533	Impoundments	<u>X</u>	The amendment does not plan to impound water.

301-534	Roads <b>(Plans, Drawings, Designs, &amp; Specifications)</b>	<u>X</u>	There is no change as a result of the amendment. See Volumes 2, 11, and 12 for more information.
535	Spoil	<u>X</u>	There is no change as a result of the amendment. See Volumes 2, 11, and 12 for more information.
536	Coal Mine Waste	<u>X</u>	There is no change as a result of the amendment. See Volumes 2, 11, and 12 for more information.
537	Regraded Slopes	<u>X</u>	There is no change as a result of the amendment. See Volumes 2, 11, and 12 for more information.
540 541-542	Reclamation Narrative, Maps and Plans	—	The amendment must include a reclamation timetable for temporary and permanent impoundments, pipelines, and treatment facilities. This plan must include a detailed estimate of reclamations costs.

551	Casing and Sealing <b>Underground Openings</b>	X	The amendment updates the narrative for casing and sealing the portals in Rilda Canyon.
553	Backfilling and Grading Description	X	There is no change as a result of the amendment. See Volumes 2, 11, and 12 for more information.

301-600	Geology	X	There is no change as a result of the amendment. See Volume 11 for geology information.
621	Description of Geology <b>(Permit &amp; Adjacent Area)</b>	X	There is no change as a result of the amendment. See Volume 11 for geology information.
622	Geologic Cross-Sections, Maps, and Plans	X	There is no change as a result of the amendment. See Volume 11 for geology information.
630	Plans for Casing and Sealing Holes	X	There is no change as a result of the amendment. See Volume 11 for geology information.

301-700	Hydrology	X	The amendment updates the hydrology.
721	Description of Hydrologic Resources <b>(Permit and Adjacent Area)</b>	X	The amendment includes information on the permit area.
722	Cross-Sections and Maps <b>Subsurface Water - Surface Water - Monitoring Stations - Wells</b>	X	Cross-sections and maps of the underground workings and surface facilities are provided. The surface maps show surface disturbance for operational facilities and after final reclamation.
723	Sampling and Analysis	X	The plan includes sampling gravity discharged waters from both the Rilda portals and the Deer Creek portals
724	Baseline Information <b>Ground Water - Surface Water - Geology - Climatological &amp; Supplemental; If Needed</b>	X	The amendment provides an analysis of the in-mine waters that area epected to gravity discharge from the Mill Fork area.
728	PHC Determination	X	The amendment updates the PHC.
730	General Operation Plan <b>Minimize Disturbance to Hydrologic Balance &amp; Compliance with Clean Water Act</b>	X	The amendment updates commitments in operational plan.
731	Ground and Surface Water Protection	X	The plan outlines how mine water discharge will be handled long term.

732	Sediment Control Measures	—	The amendment must include information on sediment control measures during pipeline construction.
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301-740	Plans and Designs <b>Operation and Reclamation Plan Sediment Control Measures</b>	—	The amendment must include a treatment plan in the absence of the power plant until the gravity drainage is compliant.
	Siltation Structures	<u>X</u>	This is outlined in the approved plan.
	Sediment Ponds	<u>X</u>	This is outlined in the approved plan.
	Other Treatment Facilities	—	The amendment must provide a treatment plan in the absence of the power plant.
	Diversions	<u>X</u>	Gravity drainage will be routed in a pipe down to the power plants total consumption pond.
	Road Drainage	<u>X</u>	This is outlined in the approved plan.
	Impoundments	—	The amendment must include a narrative, maps, and calculations of the impoundment(s) for the backup treatment system.
	Discharge Structures	<u>X</u>	This is outlined in the approved plan.
	Disposal of Excess Spoil	<u>X</u>	This is outlined in the approved plan.
	Coal Mine Waste	<u>X</u>	This is outlined in the approved plan.
	Disposal of Non-Coal Mine Waste	<u>X</u>	This is outlined in the approved plan.
	Casing and Sealing of Wells	<u>X</u>	This is outlined in the approved plan.

301-800	Bonding and Insurance	—	The amendment must update the bond.
820	Applicant <b>Have Adequate Bond at Permit Issuance</b>	—	The amendment must update the bond.
830	Bond Estimate and Calculations Provided	—	The amendment must update the bond.
890	Certificate of Insurance Provided	—	The amendment must update the bond.

302-200	Special Categories of Mining	<u>NA</u>	
210	Experimental Practices Mining	<u>NA</u>	
220	Mountaintop Removal Mining	<u>NA</u>	
230	Steep Slope Mining	<u>NA</u>	
240	Auger Mining	<u>NA</u>	
250	In Situ Processing Activities	<u>NA</u>	

302-260	Coal Processing Plants <b>(Not Located Within Permit Area of Mine)</b>	<u>NA</u>	
270	Variances From Approximate Original Contour Restoration Requirements	<u>NA</u>	
280	Variances for Delay in Contemporaneous Reclamation Requirement in Combined Surface and Underground Coal Mining Activities	<u>NA</u>	
290	Small Operator Assistance Program <b>(SOAP)</b>	<u>NA</u>	

302-300	Special Areas of Mining	<u>NA</u>	
301	Prime Farmland	<u>NA</u>	
302	Alluvial Valley Floors	<u>NA</u>	