



PacifiCorp
Thermal Generation Environmental Services
1407 West North Temple, Suite 210
Salt Lake City Utah, 84116

October 2, 2020

Electronically Submitted

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

Subj: Permit Renewal for the PacifiCorp, Deer Creek Mine, C/015/018, Emery County, Utah

PacifiCorp hereby submits an application for permit renewal for the Deer Creek Mine. The current permit term expires February 7, 2021. The said application conforms to the requirements set forth in R645-300-120 and R645-303-230 of the State of Utah R645- Coal Mining Rules and Regulations, revised March 2009.

Enclosed with this application is a proposed public notice, certificate of liability insurance, and evidence of a performance bond. If you have any questions or concerns regarding this application, please contact me on my cell at (435) 650-9233 or my office in SLC at 801-220-4623.

Sincerely,

A handwritten signature in blue ink that reads "Dennis Oakley". The signature is fluid and cursive, with the first name "Dennis" and last name "Oakley" clearly legible.

Dennis Oakley
Sr Mine Engineer

Enclosures - Proposed Public Notice
Certificates of Liability
Evidence of Performance Bond

Cc: James Owen (PacifiCorp)
File

**PacifiCorp
Deer Creek Mine
C/015/0018**

Permit Renewal Application

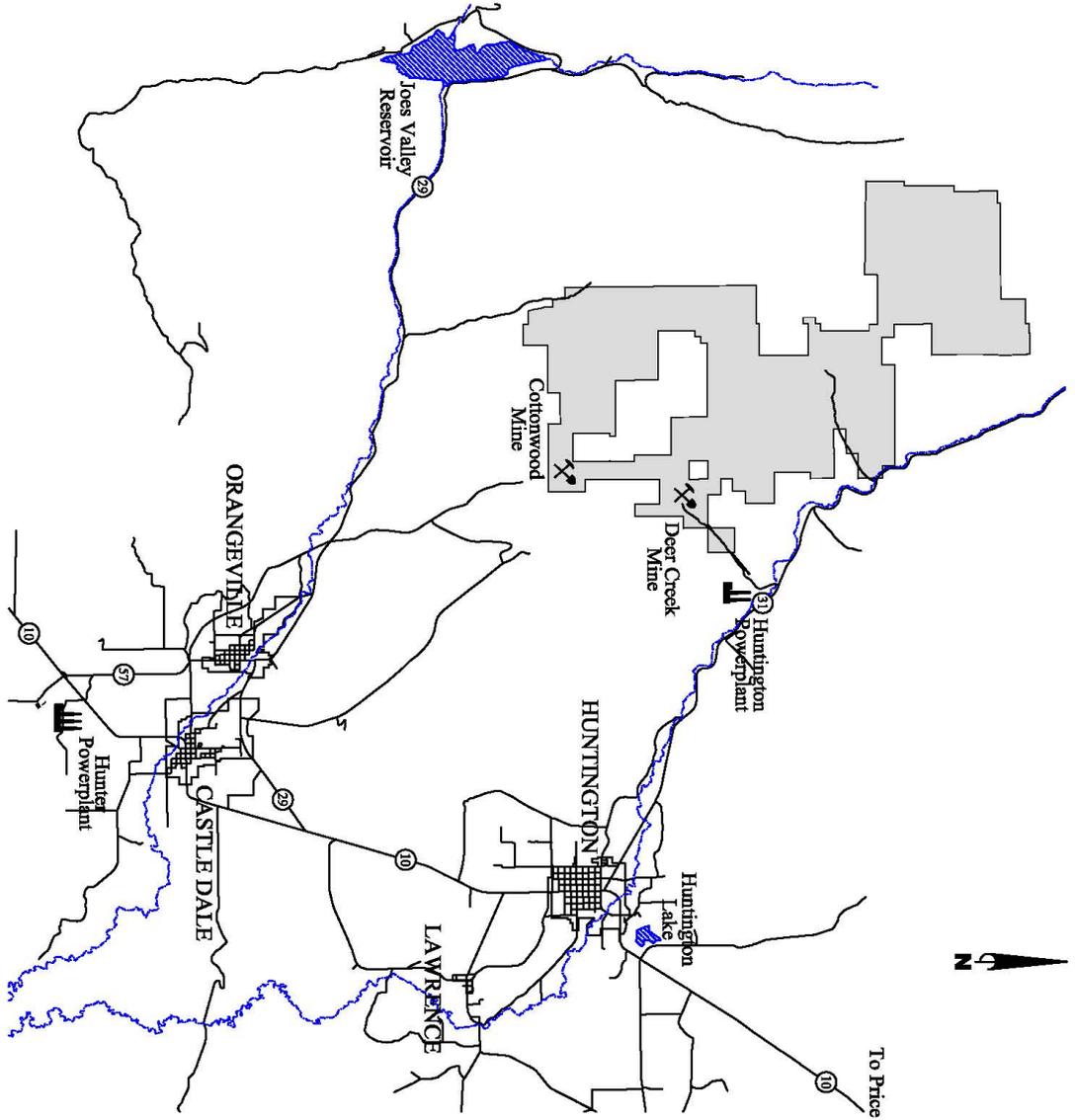
**PacifiCorp
Thermal Generation Environmental Services
1407 West North Temple, Suite 210
Salt Lake City, Utah 84116**

PacifiCorp hereby submits an application for a permit renewal of the Deer Creek Mine for the purposes of conducting reclamation activities. The mine sites in Deer Creek and Rilda canyons were completed in 2019. The Deer Creek Mine however, has experienced some issues concerning the functioning of the reclaimed channel. PacifiCorp is in the process remediating these issues. The permit area encompasses approximately 19,937 acres as located on the area map below.

A surety bond for \$3,601,000 is filed with the Division of Oil, Gas and Mining and is payable to the State of Utah, Division of Oil, Gas and Mining (DOG M), and the Office of Surface Mining Reclamation and Enforcement (OSM).

A copy of the permit renewal application may be examined at the office of the Division of Oil, Gas and Mining, 1594 West North Temple, Suite 1210, Salt Lake City, Utah 84114-5801 and also at the Records Office located in the Emery County Courthouse in Castle Dale, Utah. Written comments, objections, or requests for an informal conference may be submitted to the Division of Oil, Gas, and Mining address above. Said comments must be submitted thirty (30) days from the date of the last publication of this notice. This notice is being published to comply with the Surface Mining Control and Reclamation Act of 1977, and State and Federal regulations promulgated pursuant to said Act.

Published in the Emery County Progress on October x, x, x, and November x, 2020.





CERTIFICATE OF LIABILITY INSURANCE

DATE(MM/DD/YYYY)
08/07/2020

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER Aon Risk Services Central, Inc. Omaha NE Office 17807 Burke Street Suite 401 Omaha NE 68118 USA	CONTACT NAME: PHONE (A/C. No. Ext): (402) 697-1400 FAX (A/C. No.): (402) 697-0017	
	E-MAIL ADDRESS:	
INSURER(S) AFFORDING COVERAGE		NAIC #
INSURED PacifiCorp Attn: Mariya Coleman P.O. Box 657 Des Moines IA 50306-0657 USA	INSURER A: Assoc Electric & Gas Ins Serv Ltd -AEGIS AA3190004	
	INSURER B:	
	INSURER C:	
	INSURER D:	
	INSURER E:	
	INSURER F:	

COVERAGES **CERTIFICATE NUMBER:** 570083493255 **REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS. **Limits shown are as requested**

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
	COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input type="checkbox"/> OCCUR GENL AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC OTHER:						EACH OCCURRENCE DAMAGE TO RENTED PREMISES (Ea occurrence) MED EXP (Any one person) PERSONAL & ADV INJURY GENERAL AGGREGATE PRODUCTS - COMP/OP AGG
	AUTOMOBILE LIABILITY <input type="checkbox"/> ANY AUTO <input type="checkbox"/> OWNED AUTOS ONLY <input type="checkbox"/> HIRED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> NON-OWNED AUTOS ONLY						COMBINED SINGLE LIMIT (Ea accident) BODILY INJURY (Per person) BODILY INJURY (Per accident) PROPERTY DAMAGE (Per accident)
A	UMBRELLA LIAB <input type="checkbox"/> OCCUR <input checked="" type="checkbox"/> EXCESS LIAB <input checked="" type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> DED <input checked="" type="checkbox"/> RETENTION			XL5194009P SIR applies per policy terms & conditions	08/15/2020	08/15/2021	EACH OCCURRENCE \$20,000,000 AGGREGATE \$20,000,000
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR / PARTNER / EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below						<input type="checkbox"/> PER STATUTE <input type="checkbox"/> OTHER E.L. EACH ACCIDENT E.L. DISEASE-EA EMPLOYEE E.L. DISEASE-POLICY LIMIT

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)
RE: Deer Creek: C/015/018. Coverage includes liability resulting from explosives and subsidence, subject to policy terms, conditions and exclusions. Should any of the above described policies be cancelled before the expiration date thereof, notice will be delivered in accordance with the policy provisions. Excess Liability includes General Liability, Automobile Liability and Employer's Liability.

CERTIFICATE HOLDER

CANCELLATION

State of Utah, Dept of Natural Resources, Division of Oil, Gas & Mining 1594 W. North Temple, Ste. 1210 Salt Lake City UT 84180-1203 USA	SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS. AUTHORIZED REPRESENTATIVE 
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Holder Identifier :

Certificate No : 570083493255



DEER CREEK MINE

Revised April 2019

<u>Direct Costs (2003 Costs)</u>			
Subtotal Demolition,	\$	779,235	
Subtotal Backfilling and Grading	\$	823,312	
Subtotal Revegetation	\$	72,966	
Direct Cost	\$	1,675,513	
Indirect Cost +26.8%	26.8%	\$	449,037
Total Cost in 2003 dollars		\$	2,124,550
Escalate 2.82% for 2 years to 2005	\$	2,184,463	\$59,912.32 2004
	\$	2,246,065	\$61,601.85 2005
Escalate 1.02% for 3 years to 2008	\$	2,268,975	\$22,909.86 2006
	\$	2,292,118	\$23,143.54 2007
	\$	2,315,498	\$23,379.60 2008
Escalate 1.30% for 3 years to 2011	\$	2,345,599	\$30,101.47 2009
	\$	2,376,092	\$30,492.79 2010
	\$	2,406,981	\$30,889.19 2011
Escalate 1.70% for 5 years to 2016	\$	2,447,900	\$40,918.68 2012
	\$	2,489,514	\$41,614.30 2013
	\$	2,531,836	\$42,321.74 2014
	\$	2,574,877	\$43,041.21 2015
	\$	2,618,650	\$43,772.91 2016
Escalate 0.70% for 2 years to 2018	\$	2,636,980	\$18,330.55 2017
	\$	2,655,439	\$18,458.86 2018
Escalate 1.78% for 5 years to 2023	\$	2,702,706	\$47,266.82 2019
	\$	2,750,814	\$48,108.17 2020
	\$	2,799,779	\$48,964.50 2021
	\$	2,849,615	\$49,836.06 2022
		\$2,900,338.06	\$50,723.15 2023

Yearly Escalation Factors Provided by DOGM

INCORPORATED

JUN 25 2019

Div. of Oil, Gas & Mining

Rilda Canyon

Revised April 2019

Direct Costs (2003 Costs)

Subtotal Demolition,	\$	357,280.00
Subtotal Backfilling and Grading	\$	91,473.16
Subtotal Revegetation	\$	9,687.19
Direct Cost	\$	458,440.35

Indirect Cost +26.8%	26.8%	\$	122,862.01
Total Cost in 2011 dollars		\$	581,302.36

Escalate 1.70% for 5 years to 2016	\$	591,185	\$9,882.14	2012
	\$	601,235	\$10,050.14	2013
	\$	611,456	\$10,220.99	2014
	\$	621,850	\$10,394.75	2015
	\$	632,422	\$10,571.46	2016
Escalate 0.70% for 2 years to 2018	\$	636,849	\$4,426.95	2017
	\$	641,307	\$4,457.94	2018
Escalate 1.78% for 5 years to 2023	\$	652,722	\$11,415.26	2019
	\$	664,340	\$11,618.45	2020
	\$	676,166	\$11,825.26	2021
	\$	688,201	\$12,035.75	2022
		\$700,451.43	\$12,249.99	2023

Yearly Escalation Factors Provided by DOGM

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Div. of Oil, Gas & Mining

Deer Creek Mine

Deer Creek Mine
Complex:
C/015/0018

Reclamation Bond
Estimates

Bond Summary

INCOMP

FEB 08 2019

Div. of Oil, Gas & Geology

Bonding Calculations
Deer Creek Mine - including Rilda Canyon Portal Facilities

Deer Creek Mine Facilities		
Direct Costs (2003 Costs)		
Subtotal Demolition,	\$779,235	
Subtotal Backfilling and Grading	\$823,312	
Subtotal Revegetation	\$72,966	
Direct Costs Total	\$1,675,513	
Indirect Costs		
Mob/Demob	\$167,551	10.0%
Contingency	\$83,776	5.0%
Engineering Redesign	\$41,888	2.5%
Main Office Expense	\$113,935	6.8%
Project Mainagement Fee	\$41,888	2.5%
Indirect Costs Totals	\$449,038	26.8%
Total Cost in 2003 Dollars	\$2,124,551	
Escalation (refer to Deer Creek Escalation Sheet for Escalation Factors)		
Deer Creek Mine Facilities Total Reclamation Cost 2004 Dollars	\$2,184,463	
Deer Creek Mine Facilities Total Reclamation Cost 2005 Dollars	\$2,246,065	
Deer Creek Mine Facilities Total Reclamation Cost 2006 Dollars	\$2,268,975	
Deer Creek Mine Facilities Total Reclamation Cost 2007 Dollars	\$2,292,118	
Deer Creek Mine Facilities Total Reclamation Cost 2008 Dollars	\$2,315,498	
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Deer Creek Mine Facilities Total Reclamation Cost 2011 Dollars	\$2,406,981	
Deer Creek Mine Facilities Total Reclamation Cost 2012 Dollars	\$2,447,900	
Deer Creek Mine Facilities Total Reclamation Cost 2013 Dollars	\$2,489,514	
Deer Creek Mine Facilities Total Reclamation Cost 2014 Dollars	\$2,531,836	
Deer Creek Mine Facilities Total Reclamation Cost 2015 Dollars	\$2,574,877	
Deer Creek Mine Facilities Total Reclamation Cost 2016 Dollars	\$2,618,650	
Deer Creek Mine Facilities Total Reclamation Cost 2017 Dollars	\$2,636,980	
Deer Creek Mine Facilities Total Reclamation Cost 2018 Dollars	\$2,655,439	
Deer Creek Mine Facilities Total Reclamation Cost 2019 Dollars	\$2,702,706	
Deer Creek Mine Facilities Total Reclamation Cost 2020 Dollars	\$2,750,814	
Deer Creek Mine Facilities Total Reclamation Cost 2021 Dollars	\$2,799,779	
Deer Creek Mine Facilities Total Reclamation Cost 2022 Dollars	\$2,849,615	
Total Cost in 2023 Dollars	\$2,900,338	
Deer Creek Mine - Rilda Portal Facilities		
Direct Costs Total		
Subtotal Demolition,	\$357,280	
Subtotal Earthwork	\$91,473	
Subtotal Revegetation	\$9,687	
Direct Costs Total	\$458,440	
Indirect Costs		
Mob/Demob	\$45,844.04	10.0%
Contingency	\$22,922.02	5.0%
Engineering Redesign	\$11,461.01	2.5%
Main Office Expense	\$31,173.94	6.8%
Project Mainagement Fee	\$11,461.01	2.5%
Indirect Costs Totals	\$122,862.01	26.8%
Rilda Canyon Portal Facilities Total Cost in 2011 Dollars	\$581,302.37	
Escalation (refer to Rilda Canyon Escalation Sheet for Escalation Factors)		
Rilda Canyon Portal Facilities Total Cost in 2012 Dollars	\$591,185	
Rilda Canyon Portal Facilities Total Cost in 2013 Dollars	\$601,235	
Rilda Canyon Portal Facilities Total Cost in 2014 Dollars	\$611,456	
Rilda Canyon Portal Facilities Total Cost in 2015 Dollars	\$621,850	
Rilda Canyon Portal Facilities Total Cost in 2016 Dollars	\$632,422	
Rilda Canyon Portal Facilities Total Cost in 2017 Dollars	\$636,849	
Rilda Canyon Portal Facilities Total Cost in 2018 Dollars	\$641,307	
Rilda Canyon Portal Facilities Total Cost in 2019 Dollars	\$652,722	
Rilda Canyon Portal Facilities Total Cost in 2020 Dollars	\$664,340	
Rilda Canyon Portal Facilities Total Cost in 2021 Dollars	\$676,166	
Rilda Canyon Portal Facilities Total Cost in 2022 Dollars	\$688,201	
Total Cost in 2023 Dollars	\$700,451	
Deer Creek Mine Complex -Total Reclamation Bond		
Total Deer Creek Mine Complex Reclamation Costs in 2023 Dollars	\$3,600,789	
Bond Amount (rounded to nearest \$1,000)	\$3,601,000	

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Div. of Oil, Gas & Mining

Deer Creek Mine

Deer Creek Mine Portal Facilities: C/015/0018

Reclamation Bond
Estimates

Escalation Calculations

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DIV. of Oil, Gas & Mining

DEER CREEK MINE

Revised April 2019

<u>Direct Costs (2003 Costs)</u>			
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			\$40,918.68 2012
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		\$	2,750,814
		\$	2,799,779
		\$	2,849,615
			\$47,266.82 2019
			\$48,108.17 2020
			\$48,964.50 2021
			\$49,836.06 2022
		\$2,900,338.06	\$50,723.15 2023

Yearly Escalation Factors Provided by DOGM

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JUN 25 2019

Div. of Oil, Gas & Mining

Deer Creek Mine

Rilda Canyon Portal
Facilities:
C/015/0018

Reclamation Bond
Estimates

Escalation Calculations

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FEB 08 2019

Div. of Geology & Mining

Rilda Canyon

Revised April 2019

Direct Costs (2003 Costs)

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Div. of Oil, Gas & Mining