RECEIVED
10/27/2026
DIVISION OF OIL, GAS, AND MINING
M/035/0046 - T-24681

Form MR-REV-att (DOGM – Revise/Amend Change Form)
(Revised September 14, 2005)

Application for Mineral Mine Plan Revision or Amendment

Operator: Kennecott Utah Copper LLC.

Mine Name: Bonneville Borrow Site **File Number: M**/035/0046

Provide a detailed listing of all changes to the mining and reclamation plan that will be required as a result of this change. Individually list all maps and drawings that are to be added, replaced, or removed from the plan. Include changes of the table of contents, section of the plan, pages, or other information as needed to specifically locate, identify and revise or amend the existing Mining and Reclamation Plan. **Include page, section, and drawing numbers as part of the description.**

DETAILED SCHEDULE OF CHANGES TO THE MINING AND RECLAMATION PLAN

			DESCRIPTION OF MAP, TEXT, OR MATERIALS TO BE CHANGED
□ ADD	⊗ REPLACE	□ REMOVE	5-Year bond review and adjustments to required equipment for reclamation and reduction of cover material from 24 inches to 6 inches. Included are the confidential worksheets and the PDF overview for the final bond calculation for replacement of Appendix F within the NOI. The next review and escalation will be completed in 2030
□ ADD	□ REPLACE	□ REMOVE	
□ ADD	□ REPLACE	□ REMOVE	
□ ADD	□ REPLACE	□ REMOVE	
□ ADD	□ REPLACE	□ REMOVE	
□ ADD	□ REPLACE	□ REMOVE	
□ ADD	□ REPLACE	□ REMOVE	
□ ADD	□ REPLACE	□ REMOVE	
□ ADD	□ REPLACE	□ REMOVE	
□ ADD	□ REPLACE	□ REMOVE	

I hereby certify that I am a responsible official of the applicant and that the information contained in this application is true and correct to the best of my information and belief in all respects with the laws of Utah in reference to commitments and obligations, herein.

Chad VonHatten	Chad VonHatten Principal Advisor Regulatory and Closure	10/27/2026
Print Name	Sign Name, Position	Date

Return to:
State of Utah
Department of Natural Resources
Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
Box 145801
Salt Lake City, Utah 84114-5801
Phone: (801) 538-5291 Fax: (801) 359-3940

FOR DOGM USE ONLY:
File #: M/ /
Approved:
Bond Adjustment: from ($)
to $

RECEIVED
10/27/2026
DIVISION OF OIL, GAS, AND MINING
M/035/0046 - T-24681

Bonding Calculations

Direct Costs		
Subtotal Demolition and Removal	$191,474.00	
Subtotal Backfilling and Grading	$1,559,660.71	
Subtotal Revegetation	$148,000.00	
Direct Costs	$1,899,134.71	
Indirect Costs		
Mob/Demob	$189,913.00	10.0%
Contingency	$94,957.00	5.0%
Engineering Redesign	$47,478.00	2.5%
Main Office Expense	$129,141.00	6.8%
Project Management Fee	$47,478.00	2.5%
Subtotal Indirect Costs	$508,967.00	26.8%
Total Cost 2026	$2,408,101.71	
Number of years		5
Escalation factor		0.0509
Escalation	$678,508.00	
Reclamation Cost Escalated	$3,086,609.71	
Bond Amount (rounded to nearest $1,000)	$3,087,000.00	118
2031 Dollars		
Posted Bond (for 118 acres disturbed)	$5,290,096.00	
Difference Between Cost Estimate and Bond	$2,203,096.00	
Percent Difference		

RECEIVED
10/27/2026
DIVISION OF OIL, GAS, AND MINING
M/035/0046 - T-24681

RioTinto

Ref.	Description **Refer to NOI, Section 110.3 Surface Facilities to be left, Table 10 and Figure 4D.**	Materials	Means Reference Number	Unit Cost	Unit	Length	Width	Height	Diameter	Area	Volume	Weight	Density	Time	Number	Unit	Swell Factor	Quantity	Unit	Cost
	Jaw Crusher 01																			$ 27,707.00
	Primary Screen 02	**No Primary Screen**																		$ -
	Grizzly Feeder 03	**Included in the Jaw Crushe**																		$ -
	Secondary Scalp Screen 04																			$ 11,093.00
	Secondary Crusher 05																			$ 13,854.00
	Tunnel with Feeder 06																			$ 4,500.00
	Tertiary Scalp Screen 07																			$ 11,093.00
	Tertiary Crusher 08																			$ 13,854.00
	Tertiary Screens 09																			$ 11,093.00
	Quaternary Crusher 10																			$ 13,854.00
	Quaternary Screens 11																			$ 11,093.00
	Radial Stack Conveyors 12																			$ 10,453.00
	Thickener and Conveyors 13																			$ 54,180.00
	Propane Tank 14																			$ 1,740.00
	Fuel Tanks 15																			$ 5,220.00
	Oil Drums 16																			$ 1,740.00
																				$ 191,474.00

RECEIVED
10/27/2026
DIVISION OF OIL, GAS, AND MINING
M/035/0046 - T-24681

RioTinto

Ref.	Description **Refer to NOI, Section 110.3 Surface Facilities to be left, Table 10 and Figure 4D.**	Materials	Means Reference Number	Unit Cost	Unit	Length ft	Width ft	Height ft	Diameter ft	Area	Volume ft^3	Weight	Density	Time	Number	Unit	Swell Factor	Quantity	Unit	Cost
	Jaw Crusher 01																			
	Deduct 50% no interior walls																			
	Structure's Demolition Cost	Steel Bldg. Large	02 41 16.13 0020	$ 0.56	CF	50	40	20			40000					CF		40000	CF	$ 22,400.00
	Structure's Vol. Demolished																			
	Steel Deduct 30% no interior walls																			
	Truck's Capacity																			
	Haulage																			
	Transportation Cost Non Steel Truck																			
	Transportation Cost Non Steel Drive																			
	Disposal Cost Non Steel																			$ -
	Steel's Weight																			
	Truck's Capacity																			
	Haulage																			
	Transportation Cost Steel Truck																			
	Transportation Cost Steel Truck Drive																			
	Disposal Cost Steel																			
	Subtotal																			$ 22,400.00
	Equipment 's Disposal Cost																			
	Dismantling Cost																			
	Equipment 's Vol. Demolished																			
	Loading Costs																			
	Transport Costs																			
	Disposal Costs																			
	Subtotal																			$ -
	Concrete Demolition																			
	Demolition Cost	Concrete Demolition	02 41 16.17 2500	$ 1.90	/SF	50	40	1			2000				74	CY		2000	SF	$ 3,800.00
	Concrete's Vol. Demolished																1.3	96	CY	
	Loading Cost	Front end loader, track mtd.,2-1/2 c.y. cap. =95 c.y./hr.	31 23 16.42 1250	$ 3.20	/BCY													96	CY	$ 307.00
	Transportation Cost	12 C.Y. dump truck, cycle 8 mile, 20 MPH ave.	31 23 23.20 1036	$ 12.50	/LCY													96	CY	$ 1,200.00
																				$ -
	Subtotal																			$ 5,307.00
	Concrete Demolition																			
	Demolition Cost																			
	Concrete's Vol. Demolished																			
	Loading Cost																			
	Transportation Cost																			
	Disposal Costs																			
	Subtotal																			$ -
	Concrete Demolition																			
	Demolition Cost																			
	Concrete's Vol. Demolished																			
	Loading Cost																			
	Transportation Cost																			
	Disposal Costs																			
	Subtotal																			$ -
	Total																			$ 27,707.00

All materials will be disposed of in the North Impoundmnet solid waste landfill, therefore no disposal fees.

RECEIVED
10/27/2026
DIVISION OF OIL, GAS, AND MINING
M/035/0046 - T-24681

RioTinto

Ref.	Description	Materials	Means Reference Number	Unit Cost	Unit	Length	Width	Height	Diameter	Area	Volume	Weight	Density	Time	Number	Unit	Swell Factor	Quantity	Unit	Cost
	No Primary Screen **Refer to NOI, Section 110.3 Surface Facilities to be left, Table 10 and Figure 4D.**																			
	Primary Screen 02																			
	Structure's Demolition Cost																			
	Structure's Vol. Demolished																			
	Rubble's Weight (exclude steel)																			
	Truck's Capacity																			
	Haulage																			
	Transportation Cost Non Steel Truck																			
	Transportation Cost Non Steel Drive																			
	Disposal Cost Non Steel																			
	Steel's Weight																			
	Truck's Capacity																			
	Haulage																			
	Transportation Cost Steel Truck																			
	Transportation Cost Steel Truck Drive																			
	Disposal Cost Steel																			
	Subtotal																			
	Equipment 's Disposal Cost																			
	Dismantling Cost																			
	Equipment 's Vol. Demolished																			
	Loading Costs																			
	Transport Costs																			
	Disposal Costs																			
	Subtotal																			
	Concrete Demolition																			
	Demolition Cost																			
	Concrete's Vol. Demolished																			
	Loading Cost																			
	Transportation Cost																			
	Disposal Costs																			
	Subtotal																			
	Concrete Demolition																			
	Demolition Cost																			
	Concrete's Vol. Demolished																			
	Loading Cost																			
	Transportation Cost																			
	Disposal Costs																			
	Subtotal																			
	Concrete Demolition																			
	Demolition Cost																			
	Concrete's Vol. Demolished																			
	Loading Cost																			
	Transportation Cost																			
	Disposal Costs																			
	Subtotal																			
	Total																			

RECEIVED
10/27/2026
DIVISION OF OIL, GAS, AND MINING
M/035/0046 - T-24681

RioTinto

Ref.	Description	Materials	Means Reference Number	Unit Cost	Unit	Length	Width	Height	Diameter	Area	Volume	Weight	Density	Time	Number	Unit	Swell Factor	Quantity	Unit	Cost
	Included in Jaw Crusher **Refer to NOI, Section 110.3 Surface Facilities to be left, Table 10 and Figure 4D.**																			
	Grizzly Feeder 03																			
	Deduct 50% no interior walls																			
	Structure's Demolition Cost																			
	Structure's Vol. Demolished																			
	Rubble's Weight (exclude steel)																			
	Truck's Capacity																			
	Haulage																			
	Transportation Cost Non Steel Truck																			
	Transportation Cost Non Steel Drive																			
	Disposal Cost Non Steel																			
	Steel's Weight																			
	Truck's Capacity																			
	Haulage																			
	Transportation Cost Steel Truck																			
	Transportation Cost Steel Truck Drive																			
	Disposal Cost Steel																			
	Subtotal																			
	Equipment 's Disposal Cost																			
	Dismantling Cost																			
	Equipment 's Vol. Demolished																			
	Loading Costs																			
	Transport Costs																			
	Disposal Costs																			
	Subtotal																			
	Concrete Demolition																			
	Demolition Cost																			
	Concrete's Vol. Demolished																			
	Loading Cost																			
	Transportation Cost																			
	Disposal Costs																			
	Subtotal																			
	Concrete Demolition																			
	Demolition Cost																			
	Concrete's Vol. Demolished																			
	Loading Cost																			
	Transportation Cost																			
	Disposal Costs																			
	Subtotal																			
	Concrete Demolition																			
	Demolition Cost																			
	Concrete's Vol. Demolished																			
	Loading Cost																			
	Transportation Cost																			
	Disposal Costs																			
	Subtotal																			
	Total																			

RECEIVED
10/27/2026
DIVISION OF OIL, GAS, AND MINING
M/035/0046 - T-24681

RioTinto

Ref.	Description **Refer to NOI, Section 110.3 Surface Facilities to be left, Table 10 and Figure 4D.**	Materials	Means Reference Number	Unit Cost	Unit	Length ft	Width ft	Height ft	Diameter ft	Area	Volume ft^3	Weight	Density	Time	Number	Unit	Swell Factor	Quantity	Unit	Cost
	Secondary Scalp Screen 04																			
	Structure's Demolition Cost	Steel Bldg. Large	02 41 16.13 0020	$ 0.56	/CF	20	40	20			16000					CF		16000	CF	$ 8,960.00
	Structure's Vol. Demolished																			
	Deduct 30% no interior walls																			
	Truck's Capacity																			
	Haulage																			
	Transportation Cost Non Steel Truck																			
	Transportation Cost Non Steel Drive																			
	Disposal Cost Non Steel																			
	Steel's Weight																			
	Truck's Capacity																			
	Haulage																			
	Transportation Cost Steel Truck																			
	Transportation Cost Steel Truck Drive																			
	Disposal Cost Steel																			
	Subtotal																			$ 8,960.00
	Equipment 's Disposal Cost																			
	Dismantling Cost																			
	Equipment 's Vol. Demolished																			
	Loading Costs																			
	Transport Costs																			
	Disposal Costs																			
	Subtotal																			$ -
	Concrete Demolition																			
	Demolition Cost	Concrete Demolition	02 41 16.17 2500	$ 1.90	/SF	20	40	1			800				30	CY		800	SF	$ 1,520.00
	Concrete's Vol. Demolished																1.3	39	CY	
	Loading Cost	Front end loader, track mtd.,2-1/2 c.y. cap. =95 c.y./hr.	31 23 16.42 1250	$ 3.20	/BCY													39	CY	$ 125.00
	Transportation Cost	12 C.Y. dump truck, cycle 8 mile, 20 MPH ave.	31 23 23.20 1036	$ 12.50	/LCY													39	CY	$ 488.00
	Subtotal																			$ 2,133.00
	Concrete Demolition																			
	Demolition Cost																			
	Concrete's Vol. Demolished																			
	Loading Cost																			
	Transportation Cost																			
	Disposal Costs																			
	Subtotal																			$ -
	Concrete Demolition																			
	Demolition Cost																			
	Concrete's Vol. Demolished																			
	Loading Cost																			
	Transportation Cost																			
	Disposal Costs																			
	Subtotal																			$ -
	Total																			$ 11,093.00

All materials will be disposed of in the North Impoundmnet solid waste landfill, therefore no disposal fees.

RECEIVED
10/27/2026
DIVISION OF OIL, GAS, AND MINING
M/035/0046 - T-24681

RioTinto

Ref.	Description **Refer to NOI, Section 110.3 Surface Facilities to be left, Table 10 and Figure 4D.**	Materials	Means Reference Number	Unit Cost	Unit	Length ft	Width ft	Height ft	Diameter ft	Area	Volume ft^3	Weight	Density	Time	Number	Unit	Swell Factor	Quantity	Unit	Cost
	Secondary Crusher 05																			
	Deduct 50% no interior walls																			
	Structure's Demolition Cost	Steel Bldg. Large	02 41 16.13 0020	$ 0.56	/CF	20	50	20			20000					CF		20000	CF	$ 11,200.00
	Structure's Vol. Demolished																			
	Deduct 30% no interior walls																			
	Truck's Capacity																			
	Haulage																			
	Transportation Cost Non Steel Truck																			
	Transportation Cost Non Steel Drive																			
	Disposal Cost Non Steel																			$ -
	Steel's Weight																			
	Truck's Capacity																			
	Haulage																			
	Transportation Cost Steel Truck																			
	Transportation Cost Steel Truck Drive																			
	Disposal Cost Steel																			
	Subtotal																			$ 11,200.00
	Equipment 's Disposal Cost																			
	Dismantling Cost																			
	Equipment 's Vol. Demolished																			
	Loading Costs																			
	Transport Costs																			
	Disposal Costs																			
	Subtotal																			$ -
	Concrete Demolition																			
	Demolition Cost	Concrete Demolition	02 41 16.17 2500	$ 1.90	/SF	20	50	1			1000				37	CY		1000	SF	$ 1,900.00
	Concrete's Vol. Demolished																1.3	48	CY	
	Loading Cost	Front end loader, track mtd.,2-1/2 c.y. cap. =95 c.y./hr.	31 23 16.42 1250	$ 3.20	/BCY													48	CY	$ 154.00
	Transportation Cost	12 C.Y. dump truck, cycle 8 mile, 20 MPH ave.	31 23 23.20 1036	$ 12.50	/LCY													48	CY	$ 600.00
	Disposal Costs																			$ -
	Subtotal																			$ 2,654.00
	Total																			$ 13,854.00

All materials will be disposed of in the North Impoundmnet solid waste landfill, therefore no disposal fees.

RECEIVED
10/27/2026
DIVISION OF OIL, GAS, AND MINING
M/035/0046 - T-24681

RioTinto

Ref.	Description **Refer to NOI, Section 110.3 Surface Facilities to be left, Table 10 and Figure 4D.**	Materials	Means Reference Number	Unit Cost	Unit	Length ft	Width ft	Height ft	Diameter ft	Area	Volume ft^3	Weight	Density	Time	Number	Unit	Swell Factor	Quantity	Unit	Cost
	Tunnel with Feeder 06																			
	Deduct 50% no interior walls																			
	Structure's Demolition Cost	Steel Bldg. Large	02 41 16.13 0020	$ 0.56	/CF	12	40	12			5760					CF		5760	CF	$ 3,226.00
	Structure's Vol. Demolished																			
	Deduct 30% no interior walls																			
	Truck's Capacity																			
	Haulage																			
	Transportation Cost Non Steel Truck																			
	Transportation Cost Non Steel Drive																			
	Disposal Cost Non Steel																			
	Steel's Weight																			
	Truck's Capacity																			
	Haulage																			
	Transportation Cost Steel Truck																			
	Transportation Cost Steel Truck Drive																			
	Disposal Cost Steel																			
	Subtotal																			$ 3,226.00
	Equipment 's Disposal Cost																			
	Dismantling Cost																			
	Equipment 's Vol. Demolished																			
	Loading Costs																			
	Transport Costs																			
	Disposal Costs																			
	Subtotal																			$ -
	Concrete Demolition																			
	Demolition Cost	Concrete Demolition	02 41 16.17 2500	$ 1.90	/SF	12	40	1			480				18	CY		480	SF	$ 912.00
	Concrete's Vol. Demolished																1.3	23	CY	
	Loading Cost	Front end loader, track mtd.,2-1/2 c.y. cap. =95 c.y./hr.	31 23 16.42 1250	$ 3.20	/BCY													23	CY	$ 74.00
	Transportation Cost	12 C.Y. dump truck, cycle 8 mile, 20 MPH ave.	31 23 23.20 1036	$ 12.50	/LCY													23	CY	$ 288.00
	Disposal Costs																			
	Subtotal																			$ 1,274.00
	Total																			$ 4,500.00

All materials will be disposed of in the North Impoundmnet solid waste landfill, therefore no disposal fees.

RECEIVED
10/27/2026
DIVISION OF OIL, GAS, AND MINING
M/035/0046 - T-24681

RioTinto

Ref.	Description **Refer to NOI, Section 110.3 Surface Facilities to be left, Table 10 and Figure 4D.**	Materials	Means Reference Number	Unit Cost	Unit	Length ft	Width ft	Height ft	Diameter ft	Area	Volume ft^3	Weight	Density	Time	Number	Unit	Swell Factor	Quantity	Unit	Cost
	Tertiary Scalp Screen 07																			
	Deduct 50% no interior walls																			
	Structure's Demolition Cost	Steel Bldg. Large	02 41 16.13 0020	$ 0.56	/CF	20	40	20			16000					CF		16000	CF	$ 8,960.00
	Structure's Vol. Demolished																			
	Deduct 30% no interior walls																			
	Truck's Capacity																			
	Haulage																			
	Transportation Cost Non Steel Truck																			
	Transportation Cost Non Steel Drive																			
	Disposal Cost Non Steel																			
	Steel's Weight																			
	Truck's Capacity																			
	Haulage																			
	Transportation Cost Steel Truck																			
	Transportation Cost Steel Truck Drive																			
	Disposal Cost Steel																			
	Subtotal																			$ 8,960.00
	Equipment 's Disposal Cost																			
	Dismantling Cost																			
	Equipment 's Vol. Demolished																			
	Loading Costs																			
	Transport Costs																			
	Disposal Costs																			
	Subtotal																			$ -
	Concrete Demolition																			
	Demolition Cost	Concrete Demolition	02 41 16.17 2500	$ 1.90	/SF	20	40	1			800				30	CY		800	SF	$ 1,520.00
	Concrete's Vol. Demolished																1.3	39	CY	
	Loading Cost	Front end loader, track mtd.,2-1/2 c.y. cap. =95 c.y./hr.	31 23 16.42 1250	$ 3.20	/BCY													39	CY	$ 125.00
	Transportation Cost	12 C.Y. dump truck, cycle 8 mile, 20 MPH ave.	31 23 23.20 1036	$ 12.50	/LCY													39	CY	$ 488.00
	Disposal Costs																			
	Subtotal																			$ 2,133.00
	Total																			$ 11,093.00

All materials will be disposed of in the North Impoundmnet solid waste landfill, therefore no disposal fees.

RECEIVED
10/27/2026
DIVISION OF OIL, GAS, AND MINING
M/035/0046 - T-24681

RioTinto

Ref.	Description **Refer to NOI, Section 110.3 Surface Facilities to be left, Table 10 and Figure 4D.**	Materials	Means Reference Number	Unit Cost	Unit	Length ft	Width ft	Height ft	Diameter ft	Area	Volume ft^3	Weight	Density	Time	Number	Unit	Swell Factor	Quantity	Unit	Cost
	Tertiary Crusher 08																			
	Deduct 50% no interior walls																			
	Structure's Demolition Cost	Steel Bldg. Large	02 41 16.13 0020	$ 0.56	/CF	20	50	20			20000					CF		20000	CF	$ 11,200.00
	Structure's Vol. Demolished																			
	Deduct 30% no interior walls																			
	Truck's Capacity																			
	Haulage																			
	Transportation Cost Non Steel Truck																			
	Transportation Cost Non Steel Drive																			
	Disposal Cost Non Steel																			
	Steel's Weight																			
	Truck's Capacity																			
	Haulage																			
	Transportation Cost Steel Truck																			
	Transportation Cost Steel Truck Drive																			
	Disposal Cost Steel																			
	Subtotal																			$ 11,200.00
	Equipment 's Disposal Cost																			
	Dismantling Cost																			
	Equipment 's Vol. Demolished																			
	Loading Costs																			
	Transport Costs																			
	Disposal Costs																			
	Subtotal																			$ -
	Concrete Demolition																			
	Demolition Cost	Concrete Demolition	02 41 16.17 2500	$ 1.90	/SF	20	50	1			1000				37	CY		1000	SF	$ 1,900.00
	Concrete's Vol. Demolished																1.3	48	CY	
	Loading Cost	Front end loader, track mtd.,2-1/2 c.y. cap. =95 c.y./hr.	31 23 16.42 1250	$ 3.20	/BCY													48	CY	$ 154.00
	Transportation Cost	12 C.Y. dump truck, cycle 8 mile, 20 MPH ave.	31 23 23.20 1036	$ 12.50	/LCY													48	CY	$ 600.00
	Disposal Costs																			
	Subtotal																			$ 2,654.00
	Total																			$ 13,854.00

All materials will be disposed of in the North Impoundmnet solid waste landfill, therefore no disposal fees.

RECEIVED
10/27/2026
DIVISION OF OIL, GAS, AND MINING
M/035/0046 - T-24681

RioTinto

Ref.	Description **Refer to NOI, Section 110.3 Surface Facilities to be left, Table 10 and Figure 4D.**	Materials	Means Reference Number	Unit Cost	Unit	Length ft	Width ft	Height ft	Diameter ft	Area	Volume ft^3	Weight	Density	Time	Number	Unit	Swell Factor	Quantity	Unit	Cost
	Tertiary Screens 09																			
	Deduct 50% no interior walls																			
	Structure's Demolition Cost	Steel Bldg. Large	02 41 16.13 0020	$ 0.56	/CF	20	40	20			16000					CF		16000	CF	$ 8,960.00
	Structure's Vol. Demolished																			
	Deduct 30% no interior walls																			
	Truck's Capacity																			
	Haulage																			
	Transportation Cost Non Steel Truck																			
	Transportation Cost Non Steel Drive																			
	Disposal Cost Non Steel																			
	Steel's Weight																			
	Truck's Capacity																			
	Haulage																			
	Transportation Cost Steel Truck																			
	Transportation Cost Steel Truck Drive																			
	Disposal Cost Steel																			
	Subtotal																			$ 8,960.00
	Equipment 's Disposal Cost																			
	Dismantling Cost																			
	Equipment 's Vol. Demolished																			
	Loading Costs																			
	Transport Costs																			
	Disposal Costs																			
	Subtotal																			$ -
	Concrete Demolition																			
	Demolition Cost	Concrete Demolition	02 41 16.17 2500	$ 1.90	/SF	20	40	1			800				30	CY		800	SF	$ 1,520.00
	Concrete's Vol. Demolished																1.3	39	CY	
	Loading Cost	Front end loader, track mtd.,2-1/2 c.y. cap. =95 c.y./hr.	31 23 16.42 1250	$ 3.20	/BCY													39	CY	$ 125.00
	Transportation Cost	12 C.Y. dump truck, cycle 8 mile, 20 MPH ave.	31 23 23.20 1036	$ 12.50	/LCY													39	CY	$ 488.00
	Disposal Costs																			
	Subtotal																			$ 2,133.00
	Total																			$ 11,093.00

All materials will be disposed of in the North Impoundmnet solid waste landfill, therefore no disposal fees.

RECEIVED
10/27/2026
DIVISION OF OIL, GAS, AND MINING
M/035/0046 - T-24681

RioTinto

Ref.	Description **Refer to NOI, Section 110.3 Surface Facilities to be left, Table 10 and Figure 4D.**	Materials	Means Reference Number	Unit Cost	Unit	Length ft	Width ft	Height ft	Diameter ft	Area	Volume ft^3	Weight	Density	Time	Number	Unit	Swell Factor	Quantity	Unit	Cost
	Quaternary Crusher 10																			
	Deduct 50% no interior walls																			
	Structure's Demolition Cost	Steel Bldg. Large	02 41 16.13 0020	$ 0.56	/CF	20	50	20			20000					CF		20000	CF	$ 11,200.00
	Structure's Vol. Demolished																			
	Deduct 30% no interior walls																			
	Truck's Capacity																			
	Haulage																			
	Transportation Cost Non Steel Truck																			
	Transportation Cost Non Steel Drive																			
	Disposal Cost Non Steel																			
	Steel's Weight																			
	Truck's Capacity																			
	Haulage																			
	Transportation Cost Steel Truck																			
	Transportation Cost Steel Truck Drive																			
	Disposal Cost Steel																			
	Subtotal																			$ 11,200.00
	Equipment 's Disposal Cost																			
	Dismantling Cost																			
	Equipment 's Vol. Demolished																			
	Loading Costs																			
	Transport Costs																			
	Disposal Costs																			
	Subtotal																			$ -
	Concrete Demolition																			
	Demolition Cost	Concrete Demolition	02 41 16.17 2500	$ 1.90	/SF	20	50	1			1000				37	CY		1000	SF	$ 1,900.00
	Concrete's Vol. Demolished																1.3	48	CY	
	Loading Cost	Front end loader, track mtd.,2-1/2 c.y. cap. =95 c.y./hr.	31 23 16.42 1250	$ 3.20	/BCY													48	CY	$ 154.00
	Transportation Cost	12 C.Y. dump truck, cycle 8 mile, 20 MPH ave.	31 23 23.20 1036	$ 12.50	/LCY													48	CY	$ 600.00
	Disposal Costs																			
	Subtotal																			$ 2,654.00
	Total																			$ 13,854.00

All materials will be disposed of in the North Impoundmnet solid waste landfill, therefore no disposal fees.

RECEIVED
10/27/2026
DIVISION OF OIL, GAS, AND MINING
M/035/0046 - T-24681

RioTinto

Ref.	Description **Refer to NOI, Section 110.3 Surface Facilities to be left, Table 10 and Figure 4D.**	Materials	Means Reference Number	Unit Cost	Unit	Length ft	Width ft	Height ft	Diameter ft	Area	Volume ft^3	Weight	Density	Time	Number	Unit	Swell Factor	Quantity	Unit	Cost
	Quaternary Screens 11																			
	Deduct 50% no interior walls																			
	Structure's Demolition Cost	Steel Bldg. Large	02 41 16.13 0020	$ 0.56	/CF	20	40	20			16000					CF		16000	CF	$ 8,960.00
	Structure's Vol. Demolished																0.3	178	CY	
	Deduct 30% no interior walls																			
	Truck's Capacity																			
	Haulage																			
	Transportation Cost Non Steel Truck																			
	Transportation Cost Non Steel Drive																			
	Disposal Cost Non Steel																			
	Steel's Weight																			
	Truck's Capacity																			
	Haulage																			
	Transportation Cost Steel Truck																			
	Transportation Cost Steel Truck Drive																			
	Disposal Cost Steel																			
	Subtotal																			$ 8,960.00
	Equipment 's Disposal Cost																			
	Dismantling Cost																			
	Equipment 's Vol. Demolished																			
	Loading Costs																			
	Transport Costs																			
	Disposal Costs																			
	Subtotal																			$ -
	Concrete Demolition																			
	Demolition Cost	Concrete Demolition	02 41 16.17 2500	$ 1.90	/SF	20	40	1			800				30	CY		800	SF	$ 1,520.00
	Concrete's Vol. Demolished																1.3	39	CY	
	Loading Cost	Front end loader, track mtd.,2-1/2 c.y. cap. =95 c.y./hr.	31 23 16.42 1250	$ 3.20	/BCY													39	CY	$ 125.00
	Transportation Cost	12 C.Y. dump truck, cycle 8 mile, 20 MPH ave.	31 23 23.20 1036	$ 12.50	/LCY													39	CY	$ 488.00
	Disposal Costs																			
	Subtotal																			$ 2,133.00
	Total																			$ 11,093.00

All materials will be disposed of in the North Impoundmnet solid waste landfill, therefore no disposal fees.

RECEIVED
10/27/2026
DIVISION OF OIL, GAS, AND MINING
M/035/0046 - T-24681

RioTinto

Ref.	Description **Refer to NOI, Section 110.3 Surface Facilities to be left, Table 10 and Figure 4D.**	Materials	Means Reference Number	Unit Cost	Unit	Length ft	Width ft	Height ft	Diameter ft	Area	Volume ft^3	Weight	Density	Time	Number	Unit	Swell Factor	Quantity	Unit	Cost
	Radial Stack Conveyors 12																			
	Deduct 50% no interior walls																			
	Structure's Demolition Cost	Mixed Materials Bldg. Large	02 41 16.13 0100	$ 0.52	/CF	20	40	20			16000					CF		16000	CF	$ 8,320.00
	Structure's Vol. Demolished																			
	Deduct 30% no interior walls																			
	Truck's Capacity																			
	Haulage																			
	Transportation Cost Non Steel Truck																			
	Transportation Cost Non Steel Drive																			
	Disposal Cost Non Steel																			
	Steel's Weight																			
	Truck's Capacity																			
	Haulage																			
	Transportation Cost Steel Truck																			
	Transportation Cost Steel Truck Drive																			
	Disposal Cost Steel																			
	Subtotal																			$ 8,320.00
	Equipment 's Disposal Cost																			
	Dismantling Cost																			
	Equipment 's Vol. Demolished																			
	Loading Costs																			
	Transport Costs																			
	Disposal Costs																			
	Subtotal																			$ -
	Concrete Demolition																			
	Demolition Cost	Concrete Demolition	02 41 16.17 2500	$ 1.90	/SF	20	40	1			800				30	CY		800	SF	$ 1,520.00
	Concrete's Vol. Demolished																1.3	39	CY	
	Loading Cost	Front end loader, track mtd.,2-1/2 c.y. cap. =95 c.y./hr.	31 23 16.42 1250	$ 3.20	/BCY													39	CY	$ 125.00
	Transportation Cost	12 C.Y. dump truck, cycle 8 mile, 20 MPH ave.	31 23 23.20 1036	$ 12.50	/LCY													39	CY	$ 488.00
	Disposal Costs																			
	Subtotal																			$ 2,133.00
	Total																			$ 10,453.00

All materials will be disposed of in the North Impoundmnet solid waste landfill, therefore no disposal fees.

RECEIVED
10/27/2026
DIVISION OF OIL, GAS, AND MINING
M/035/0046 - T-24681

RioTinto

Ref.	Description **Refer to NOI, Section 110.3 Surface Facilities to be left, Table 10 and Figure 4D.**	Materials	Means Reference Number	Unit Cost	Unit	Length ft	Width ft	Height ft	Diameter ft	Area	Volume ft^3	Weight	Density	Time	Number	Unit	Swell Factor	Quantity	Unit	Cost
	Thickener and Conveyors 13																			
	Deduct 50% no interior walls																			
	Structure's Demolition Cost	Steel Bldg. Large	02 41 16.13 0020	$ 0.56	/CF			26	60		73476					CF		73476	CF	$ 41,147.00
	Structure's Vol. Demolished																			
	Deduct 30% no interior walls																			
	Truck's Capacity																			
	Haulage																			
	Transportation Cost Non Steel Truck																			
	Transportation Cost Non Steel Drive																			
	Disposal Cost Non Steel																			
	Steel's Weight																			
	Truck's Capacity																			
	Haulage																			
	Transportation Cost Steel Truck																			
	Transportation Cost Steel Truck Drive																			
	Disposal Cost Steel																			
	Subtotal																			$ 41,147.00
	Equipment 's Disposal Cost																			
	Dismantling Cost																			
	Equipment 's Vol. Demolished																			
	Loading Costs																			
	Transport Costs																			
	Disposal Costs																			
	Subtotal																			$ -
	Concrete Demolition																			
	Demolition Cost	Concrete Demolition	02 41 16.17 2500	$ 1.90	/SF			1	60		4901				182	CY		4901	SF	$ 9,312.00
	Concrete's Vol. Demolished																1.3	237	CY	
	Loading Cost	Front end loader, track mtd.,2-1/2 c.y. cap. =95 c.y./hr.	31 23 16.42 1250	$ 3.20	/BCY													237	CY	$ 758.00
	Transportation Cost	12 C.Y. dump truck, cycle 8 mile, 20 MPH ave.	31 23 23.20 1036	$ 12.50	/LCY													237	CY	$ 2,963.00
	Disposal Costs																			
	Subtotal																			$ 13,033.00
	Total																			$ 54,180.00

All materials will be disposed of in the North Impoundmnet solid waste landfill, therefore no disposal fees.

RECEIVED
10/27/2026
DIVISION OF OIL, GAS, AND MINING
M/035/0046 - T-24681

RioTinto

Ref.	Description **Refer to NOI, Section 110.3 Surface Facilities to be left, Table 10 and Figure 4D.**	Materials	Means Reference Number	Unit Cost	Unit	Length	Width	Height	Diameter	Area	Volume	Weight	Density	Time	Number	Unit	Swell Factor	Quantity	Unit	Cost
	Propane Tank 14																			
	Equipment 's Disposal Cost	Remove sludge, water, and remaining prod	02 65 10.30 0320	$ 590.00	Ea						0							1	Ea	$ 590.00
	Dismantling Cost																			
	Equipment 's Vol. Demolished																			
	Loading Costs																			
	Transport Costs	9000 gal to 12000 gal tank	02 65 10.30 1029	$ 1,150.00	Ea						0							1	Ea	$ 1,150.00
	Disposal Costs																			
	Subtotal																			$ 1,740.00
	Total																			$ 1,740.00

All materials will be disposed of in the North Impoundmnet solid waste landfill, therefore no disposal fees.

RECEIVED
10/27/2026
DIVISION OF OIL, GAS, AND MINING
M/035/0046 - T-24681

RioTinto

Ref.	Description **Refer to NOI, Section 110.3 Surface Facilities to be left, Table 10 and Figure 4D.**	Materials	Means Reference Number	Unit Cost	Unit	Length	Width	Height	Diameter	Area	Volume	Weight	Density	Time	Number	Unit	Swell Factor	Quantity	Unit	Cost
	Fuel Tanks 15																			
	Remove Fuel and Haul tank to certified salvage dump																			
	Fuel Tanks 15	Remove sludge, water, and remaining prod	02 65 10.30 0320	$ 590.00	Ea						0							3	Ea	$ 1,770.00
	Dismantling Cost																			
	Equipment 's Vol. Demolished																			
	Loading Costs																			
	Transport Costs	9000 gal to 12000 gal tank	02 65 10.30 1029	$ 1,150.00	Ea						0							3	Ea	$ 3,450.00
	Disposal Costs																			
	Subtotal																			$ 5,220.00
	Total																			$ 5,220.00

All materials will be disposed of in the North Impoundmnet solid waste landfill, therefore no disposal fees.

RECEIVED
10/27/2026
DIVISION OF OIL, GAS, AND MINING
M/035/0046 - T-24681

RioTinto

Ref.	Description **Refer to NOI, Section 110.3 Surface Facilities to be left, Table 10 and Figure 4D.**	Materials	Means Reference Number	Unit Cost	Unit	Length	Width	Height	Diameter	Area	Volume	Weight	Density	Time	Number	Unit	Swell Factor	Quantity	Unit	Cost
	Oil Drums 16																			
	Equipment 's Disposal Cost	Remove sludge, water, and remaining prod	02 65 10.30 0320	$ 590.00	Ea						0							1	Ea	$ 590.00
	Dismantling Cost																			
	Equipment 's Vol. Demolished																			
	Loading Costs																			
	Transport Costs	9000 gal to 12000 gal tank	02 65 10.30 1029	$ 1,150.00	Ea						0							1	Ea	$ 1,150.00
	Disposal Costs																			
	Subtotal																			$ 1,740.00
	Total																			$ 1,740.00

All materials will be disposed of in the North Impoundmnet solid waste landfill, therefore no disposal fees.

RECEIVED
10/27/2026
DIVISION OF OIL, GAS, AND MINING
M/035/0046 - T-24681

RioTinto

	Equipment Cost	Hourly Operating Costs	Equipment Overhead	Operator's Hourly Wage Rate	Hourly Cost	Number of Men or Eq.	Total Eq. & Lab. Costs	Units	Quantity	Units	Production Rate	Units	Equip. + Labor Time/Dis.	Units	Cost
Summary Earthwork															
Spread Stockpiles															$ 1,368,256.00
Replace Growth Media - Quarry Floors and Benches															$ 145,902.89
Scarifying - Roads, Crusher and Stockpiles															$ 45,501.82
Total															$ 1,559,660.71

RECEIVED
10/27/2026
DIVISION OF OIL, GAS, AND MINING
M/035/0046 - T-24681

	Equipment Cost	Hourly Operating Costs	Equipment Overhead	Operator's Hourly Wage Rate	Hourly Cost	Number of Men or Eq.	Total Eq. & Lab. Costs	Units	Maximum Volume, Stockpile Material, Table 6 (NOI) Quantity	Units	Production Rate	Units	Equip. + Labor Time/Dis.	Units	Cost
Refer to NOI 106.9 Material Stockpiles, Table 6 and Figure 5, 5A.															
Spreading Remaining Borrow Stockpiles															
Drain Rock									77000	LCY					
Coarse Filter									77000	LCY					
Fine Filter									77000	LCY					
Total CY									231000	LCY					
CAT 777 Haul Truck	$ 45,320.00	$ 161.84	0.1	$ 101.55	$ 419.34	2	$ 1,145.96	$/HR	77000		513	LCY/HR	150	HR	$ 171,894.00
Cat Loader 992	$ 46,655.00	$ 243.49	0.1	$ 101.55	$ 508.58	1	$ 671.14	$/HR	77000		405	LCY/HR	190	HR	$ 127,516.00
Cat D10 Dozer	$ 49,470.00	$ 197.61	0.1	$ 101.55	$ 478.69	2	$ 1,276.53		231000		434	LCY/HR	532	HR	$ 679,112.00
14 H Grader	$ 11,920.00	$ 59.98	0.1	$ 101.55	$ 127.71	2	$ 504.37						532	HR	$ 268,323.00
6,000 gal water truck	$ 8,488.78	$ 89.11	0.1	$ 101.55	$ 137.34	1	$ 262.78						266	HR	$ 69,900.00
Foreman, Average outside					$ 77.45	1	$ 77.45						266	HR	$ 20,602.00
Pickup Truck Crew	$ 2,065.76	$ 16.45	0.1	$ 77.45	$ 28.19	1	$ 116.20						266	HR	$ 30,909.00
Subtotal															$ 1,368,256.00

Notes:
Estimate 1/3 of material needs to be moved in haul truck
Estimate 1/3 material will be moved with Loader

RECEIVED
10/27/2026
DIVISION OF OIL, GAS, AND MINING
M/035/0046 - T-24681

RioTinto

	Equipment Cost	Hourly Operating Costs	Equipment Overhead	Operator's Hourly Wage Rate	Hourly Cost	Number of Men or Eq.	Total Eq. & Lab. Costs	Units	Quantity	Units	Production Rate	Units	Equip. + Labor Time/Dis.	Units	Cost
Refer to NOI, Section 106.3 Estimated Acreage, Table 1 and Figure 5, 5A.															
Replace 6" growth media over quarry floors and benches (118 acres)															
Quarry Floors (103 Acres)									**83087**						
14 H Grader	$ 11,920.00	$ 59.98	0.1	$ 101.55	$ 127.71	1	$ 252.18	$/HR	14000	LCY	434	LCY/HR	32	HR	$ 8,069.86
CAT 777 Haul Truck	$ 45,320.00	$ 161.84	0.1	$ 101.55	$ 419.34	1	$ 572.98	$/HR	1001	LCY	513	LCY/HR	2	HR	$ 1,145.96
Cat Loader 992	$ 46,655.00	$ 243.49	0.1	$ 101.55	$ 508.58	1	$ 671.14	$/HR	10000	LCY	405.3	LCY/HR	25	HR	$ 16,778.44
Cat D10 Dozer	$ 49,470.00	$ 197.61	0.1	$ 101.55	$ 478.69	1	$ 638.26	$/HR	58086	LCY	434	LCY/HR	134	HR	$ 85,527.31
									83087						
Benches and Roads (15 Acres)									**12100**						
Cat D10 Dozer	$ 49,470.00	$ 197.61	0.1	$ 101.55	$ 478.69	1	$ 638.26	$/HR	10000	LCY	434	LCY/HR	23	HR	$ 14,680.06
CAT 777 Haul Truck	$ 45,320.00	$ 161.84	0.1	$ 101.55	$ 419.34	1	$ 572.98	$/HR	1000	LCY	513	LCY/HR	2	HR	$ 1,145.96
Cat Loader 992	$ 46,655.00	$ 243.49	0.1	$ 101.55	$ 508.58	1	$ 671.14	$/HR	1100	LCY	405.3	LCY/HR	3	HR	$ 2,013.41
									12100						
Support Equipment															
Foreman, Average outside				$ 77.45		1	$ 77.45	$/HR					23	HR	$ 1,781.35
Pickup Truck Crew	$ 2,065.76	$ 16.45	0.1		$ 28.19	1	$ 116.20	$/HR					23	HR	$ 2,672.62
6,000 gal water truck	$ 8,488.78	$ 89.11	0.1	$ 101.55	$ 137.34	1	$ 262.78	$/HR					46	HR	$ 12,087.92
									95187	LCY					$ 145,902.89

Note - Total CY 95,187 CY of growth media spread is distrubuted between the Loader, Truck, Grader and Dozer.

RECEIVED
10/27/2026
DIVISION OF OIL, GAS, AND MINING
M/035/0046 - T-24681

RioTinto

	Equipment Cost	Hourly Operating Costs	Equipment Overhead	Operator's Hourly Wage Rate	Hourly Cost	Number of Men or Eq.	Total Eq. & Lab. Costs	Units	Quantity	Units	Production Rate	Units	Equip. + Labor Time/Dis.	Units	Cost
Refer to NOI, Section 106.3 Estimated Acreage, Table 1 and Figure 5, 5A.															
Scarifying roads, crusher and stockpile areas															
14 H Grader	$ 11,920.00	$ 59.98	0.1	$ 101.55	$ 127.71	1	$ 252.18	$/HR	118	ACRES	2.9	AC/HR	51.1	HR	$ 12,886.55
Cat D10 Dozer	$ 49,470.00	$ 197.61	0.1	$ 101.55	$ 478.69	2	$ 1,276.53	$/HR					25.55	HR	$ 32,615.26
															$ 45,501.82

RECEIVED
10/27/2026
DIVISION OF OIL, GAS, AND MINING
M/035/0046 - T-24681

RioTinto

Ref.	Description	Materials	Means Reference Number	Unit Cost	Unit	Length	Width	Height	Diameter	Area	Volume	Weight	Density	Time	Number	Unit	Swell Factor	Quantity	Unit	Cost
	Refer to NOI, Section 106.3 Estimated Acreage, Table 1 and Figure 5, 5A.																			
	Seeding Cost	Standard Vegetation costs	Std Veg	$ 1,000.00	acre					118										$ 118,000.00
	Reseeding - assume 25%	Standard Vegetation costs	Std Veg	$ 1,000.00	acre					30										$ 30,000.00
	Subtotal																			$ 148,000.00
	Total																			$ 148,000.00

* Standard $600/acre, DOGM quote
* $400/acre to spread

RECEIVED
10/27/2026
DIVISION OF OIL, GAS, AND MINING

Equipment Operating and Labor Rates

Hourly Rates	Equipment costs	Hourly Operating Costs	Equipment Hourly Rates Blue Book Rate	Overhead and Profit	Labor Hourly Rates	Labor Type	Total Cost per unit	Unit
Cat D8R Dozer	$ 18,315.00	$ 130.65	$ 234.71	0.1	$ 101.55	Equip. Oper-Medium	$ 369.89	hour
Cat D9R Dozer	$ 23,820.00	$ 164.68	$ 300.02	0.1	$ 101.55	Equip. Oper-Medium	$ 441.73	hour
Cat D10R Dozer	$ 49,470.00	$ 197.61	$ 478.69	0.1	$ 101.55	Equip. Oper-Medium	$ 638.26	hour
Cat 14 Grader	$ 11,920.00	$ 59.98	$ 127.71	0.1	$ 101.55	Equip. Oper-Medium	$ 252.18	hour
Water Truck 6000 gal	$ 8,488.78	$ 89.11	$ 137.34	0.1	$ 101.55	Equip. Oper-Medium	$ 262.78	hour
Cat Water Truck Off high	$ 22,497.54	$ 116.66	$ 244.49	0.1	$ 101.55	Equip. Oper-Medium	$ 380.64	hour
Pickup Truck 4x4	$ 2,065.76	$ 16.45	$ 28.19	0.1	$ 77.45	Foreman Average Outside	$ 116.20	hour
Cat 657 Scraper	$ 86,973.13	$ 419.29	$ 913.46	0.1	$ 101.55	Equip. Oper-Medium	$ 1,116.51	hour
Laborers			$ -		$ 74.50	Common bldg. Laborers	$ 74.50	hour
CAT 777 Haul Truck	$ 45,320	$ 161.84	$ 419.34	0.1	$ 101.55	Equip. Oper-Medium	$ 572.98	hour
Cat Loader 992	$ 46,655	$ 243.49	$ 508.58	0.1	$ 101.55	Equip. Oper-Medium	$ 671.14	hour

* Equipment Hourly Rates include ownership and operating cost from Blue Book 2026
** Labor Hourly Rates include overhead and profit from back cover Means Heavy Construction Cost Data 2026

RECEIVED
10/27/2026
DIVISION OF OIL, GAS, AND MINING
M/035/0046 - T-24681

RioTinto

Ref.	Description **Refer to NOI, Section 110.3 Surface Facilities to be left, Table 10 and Figure 4D.**	Materials	Means Reference Number	Unit Cost	Unit	Length	Width	Height	Diameter	Area	Volume	Weight	Density	Time	Number	Unit	Swell Factor	Quantity	Unit	Cost
	Jaw Crusher 01																			$ 27,707.00
	Primary Screen 02	**No Primary Screen**																		$ -
	Grizzly Feeder 03	**Included in the Jaw Crusher**																		$ -
	Secondary Scalp Screen 04																			$ 11,093.00
	Secondary Crusher 05																			$ 13,854.00
	Tunnel with Feeder 06																			$ 4,500.00
	Tertiary Scalp Screen 07																			$ 11,093.00
	Tertiary Crusher 08																			$ 13,854.00
	Tertiary Screens 09																			$ 11,093.00
	Quaternary Crusher 10																			$ 13,854.00
	Quaternary Screens 11																			$ 11,093.00
	Radial Stack Conveyors 12																			$ 10,453.00
	Thickener and Conveyors 13																			$ 54,180.00
	Propane Tank 14																			$ 1,740.00
	Fuel Tanks 15																			$ 5,220.00
	Oil Drums 16																			$ 1,740.00
																				$ 191,474.00

RECEIVED
10/29/2026
DIVISION OF OIL, GAS, AND MINING
M/035/0046 - T-24681

RioTinto

	Equipment Cost	Hourly Operating Costs	Equipment Overhead	Operator's Hourly Wage Rate	Hourly Cost	Number of Men or Eq.	Total Eq. & Lab. Costs	Units	Quantity	Units	Production Rate	Units	Equip. + Labor Time/Dis.	Units	Cost
Summary Earthwork															
Spread Stockpiles															$ 1,368,256.00
Replace Growth Media - Quarry Floors and Benches															$ 145,902.89
Scarifying - Roads, Crusher and Stockpiles															$ 45,501.82
Total															$ 1,559,660.71

RECEIVED
10/27/2026
DIVISION OF OIL, GAS, AND MINING
M/035/0046 - T-24681

RioTinto

Ref.	Description	Materials	Means Reference Number	Unit Cost	Unit	Length	Width	Height	Diameter	Area	Volume	Weight	Density	Time	Number	Unit	Swell Factor	Quantity	Unit	Cost
	Refer to NOI, Section 106.3 Estimated Acreage, Table 1 and Figure 5, 5A.																			
	Seeding Cost	Standard Vegetation costs	Std Veg	$ 1,000.00	acre					118										$ 118,000.00
	Reseeding - assume 25%	Standard Vegetation costs	Std Veg	$ 1,000.00	acre					30										$ 30,000.00
	Subtotal																			$ 148,000.00
	Total																			$ 148,000.00

* Standard $600/acre, DOGM quote
* $400/acre to spread

RECEIVED
10/27/2026
DIVISION OF OIL, GAS, AND MINING
M/035/0046 - T-24681

Bonneville Borrow Site
M/035/0046

Bond Amount

October 2026

Bonding Calculations

Direct Costs		
Subtotal Demolition and Removal	$191,474.00	
Subtotal Backfilling and Grading	$1,559,660.71	
Subtotal Revegetation	$148,000.00	
Direct Costs	$1,899,134.71	
Indirect Costs		
Mob/Demob	$189,913.00	10.0%
Contingency	$94,957.00	5.0%
Engineering Redesign	$47,478.00	2.5%
Main Office Expense	$129,141.00	6.8%
Project Management Fee	$47,478.00	2.5%
Subtotal Indirect Costs	$508,967.00	26.8%
Total Cost 2026	$2,408,101.71	
Number of years		5
Escalation factor		0.0509
Escalation	$678,508.00	
Reclamation Cost Escalated	$3,086,609.71	
Bond Amount (rounded to nearest $1,000)	$3,087,000.00	118
2031 Dollars		
Posted Bond (for 118 acres disturbed)	$5,290,096.00	
Difference Between Cost Estimate and Bond	$2,203,096.00	
Percent Difference		

RECEIVED
10/27/2026
DIVISION OF OIL, GAS, AND MINING
M/035/0046 - T-24681

Demolition

ITEM	MATERIAL
Building Demolition - Large urban project, incl. 20 mi. haul. No foundation or dump fees, C.F. is vol of building standing	Steel Bldg. Large
	Concrete Bldg. Large
	Masonry Bldg. Large
	Mixed Materials Bldg. Large
Steel Tanks, single wall, above ground, not infludeing foundations, pumps and piping	275 gallon
	550 thru 2,000 gallon
	5,000 thru 10,000 gallon
	15,000 thru 30,000 gallon
Steel Deduct 30% no interior walls	Sum of all buildings
Mixed Deduct 30% no interior walls	Sum of all buildings
Haul Tank to certified salvage dump	3000 gal to 5000 gal tank
Haul Tank to certified salvage dump	6000 gal to 8000 gal tank
Haul Tank to certified salvage dump	9000 gal to 12000 gal tank
Storage tank cleanout	Remove sludge, water, and remaining product from 3k-5k gal tank
Storage tank cleanout	Remove sludge, water, and remaining product from 6k-8k gal tank
Storage tank cleanout	Remove sludge, water, and remaining product from 9k-12k gal tank
Disposal Costs	Steel
	Non Steel
	Equipment
	Concrete
	On site disposal
Loading costs	Front end loader, track mtd.,1-1/2 c.y.cap = 70 c.y./hr.
	Front end loader, track mtd.,2-1/2 c.y. cap. =95 c.y./h
	Front end loader, track mtd.,3 C.Y. cap=130 C.Y./hr.

RECEIVED
10/27/2026
DIVISION OF OIL, GAS, AND MINING
M/035/0046 - T-24681

	Front end loader, track mtd.,5 C.Y. cap=160 C.Y./hr.
Transportation Cost	12 C.Y. dump truck, cycle 1/2 mile, 20 MPH ave.
	12 C.Y. dump truck, cycle 1 mile, 20 MPH ave.
	12 C.Y. dump truck, cycle 2 mile, 20 MPH ave.
	12 C.Y. dump truck, cycle 4 mile, 20 MPH ave.
	12 C.Y. dump truck, cycle 6 mile, 20 MPH ave.
	12 C.Y. dump truck, cycle 8 mile, 20 MPH ave.
	12 C.Y. dump truck, cycle 10 mile, 20 MPH ave.
	12 C.Y. dump truck, cycle 6 mile, 40 MPH ave.
	12 C.Y. dump truck, cycle 8 mile, 40 MPH ave.
	12 C.Y. dump truck, cycle 10 mile, 40 MPH ave.
	12 C.Y. dump truck, cycle 20 mile, 40 MPH ave.
	12 C.Y. dump truck, cycle 30 mile, 40 MPH ave.
	12 C.Y. dump truck, cycle 40 mile, 40 MPH ave.
	12 C.Y. dump truck, cycle 50 mile, 40 MPH ave.
Concrete Demolition	Concrete Demolition
Excavator 2 1/2 CY Rental	
Excavator 2 1/2 CY Operating Cost	
Hammer Hydraulic 1,000 ft-lbs rental	
Hammer Hydraulic 1,000 ft-lbs operate	
Eq. Op., Medium Equipment (Eqmd)	
Laborer	
Total Costs	

RECEIVED
10/27/2026
DIVISION OF OIL, GAS, AND MINING
M/035/0046 - T-24681

RECEIVED
10/27/2026
DIVISION OF OIL, GAS, AND MINING
M/035/0046 - T-24681

RECEIVED
10/27/2026
DIVISION OF OIL, GAS, AND MINING
M/035/0046 - T-24681

Production Rate 150 CY/DAY
Production Cost

RECEIVED
10/27/2026
DIVISION OF OIL, GAS, AND MINING
M/035/0046 - T-24681

Assumptions
foundation depth 8 in
Concrete 150 lbs/ft^3
Mixed Material 20 lbs/

MEANS REFERENCE NUMBER 2026	UNIT COST	UNIT
02 41 16.13 0020	0.56	/CF
02 41 16.13 0050	0.79	/CF
02 41 16.13 0080	0.6	/CF
02 41 16.13 0100	0.52	/CF
13 05 05.75 0510	560	Ea
13 05 05.75 0520	1,700	Ea
13 05 05.75 0530	2,975	Ea
13 05 05.75 0540	4,650	Ea
02 41 16.13 0750	0.168	/CF
02 41 16.13 0750	0.156	/CF
02 65 10.30 1023	830	/EA
02 65 10.30 1026	960	/EA
02 65 10.30 1029	1,150	/EA
02 65 10.30 0300	355	EA
02 65 10.30 0310	445	EA
02 65 10.30 0320	590	EA
City Services SLV	9	/CY
City Services SLV	15	/CY
02 41 16.17 4200	13.3	/CY
31 23 16.42 1200	3.1	/BCY
31 23 16.42 1250	3.2	/BCY
31 23 16.42 1300	2.5	/BCY

RECEIVED
10/27/2026
DIVISION OF OIL, GAS, AND MINING
API #43-015-24681

31 23 16.42 1350	2.5	/BCY
31 23 23.20 1026	5.2	/LCY
31 23 23.20 1028	5.8	/LCY
31 23 23.20 1030	6.5	/LCY
31 23 23.20 1032	8.3	/LCY
31 23 23.20 1034	10.7	/LCY
31 23 23.20 1036	12.5	/LCY
31 23 23.20 1038	15	/LCY
31 23 23.20 1072	7.5	/LCY
31 23 23.20 1074	8.3	/LCY
31 23 23.20 1076	9.4	/LCY
31 23 23.20 1078	15	/LCY
31 23 23.20 1080	18.7	/LCY
31 23 23.20 1082	25	/LCY
31 23 23.20 1084	30	/LCY
02 41 16.17 2500	1.9	/SF
01 54 33 20 0320	1652.74	Day
01 54 33 20 0320	102.33	HR
01 54 33 40 2860	164.08	HR
01 54 33 40 2860	5.7	HR
Eqmd	101.55	HR
Laborer	74.5	HR
	1706.72	/DAY

RECEIVED
10/27/2026
DIVISION OF OIL, GAS, AND MINING
M/035/0046 - T-24681

RECEIVED
10/27/2026
DIVISION OF OIL, GAS, AND MINING
M/035/0046 - T-24681

RECEIVED
10/27/2026
DIVISION OF OIL, GAS, AND MINING
M/035/0046 - T-24681

11.38 /CY

RECEIVED
10/27/2026
DIVISION OF OIL, GAS, AND MINING
M/035/0046 - T-24681

ft^3

RECEIVED
10/27/2026
DIVISION OF OIL, GAS, AND MINING
M/035/0046 # 24681

Fwd: [External] Re: Bonneville coverage discussion

1 message

Wayne Western <waynewestern@utah.gov> Wed, Oct 28, 2026 at 4:15 PM
To: OGM Minerals <ogmminerals@utah.gov>, Richell Roberts <rroberts1@utah.gov>, Bryon Reyna <breyna@utah.gov>

---------- Forwarded message ---------
From: **VonHatten, Chad (RTKC)** <Chad.VonHatten@riotinto.com>
Date: Tue, Oct 27, 2026 at 8:27 AM
Subject: Re: [External] Re: Bonneville coverage discussion
To: Bryon Reyna <breyna@utah.gov>
Cc: Kim Coburn <kcoburn@utah.gov>, Roberts, Clint (RTKC) <Clint.Roberts@riotinto.com>, Wayne Western <waynewestern@utah.gov>, Keough, Austin (RTKC) <Austin.Keough@riotinto.com>

Bryon,

Please see the attached MR-REV and the folder containing the Bonneville Borrow worksheets and the final PDF to replace Appendix F of the Bonneville Borrow Area NOI M/035/0046.

Thanks for your time working through the calculations and identifying where reductions were found. I'll see you tomorrow at the Mine visitors center entrance at 9:00.

Safe travels,

Chad VonHatten
Principal Advisor, Reclamation and Regulatory
Rio Tinto Kennecott Utah Copper Corporation
Chad.vonhatten@riotinto.com
C-801-230-0458

KENNECOTT ENVIRONMENTAL

From: Bryon Reyna <breyna@utah.gov>
Sent: Monday, October 26, 2026 2:24 PM
To: VonHatten, Chad (RTKC) <Chad.VonHatten@riotinto.com>
Cc: Kim Coburn <kcoburn@utah.gov>; Roberts, Clint (RTKC) <Clint.Roberts@riotinto.com>
Subject: Re: [External] Re: Bonneville coverage discussion

Thank you for updating the calculations, everything looks good now.

Best regards,

C. Bryon Reyna
Environmental Scientist III

385-566-8181 |
breyna@utah.gov

RECEIVED
10/27/2026
DIVISION OF OIL, GAS AND MINING
M/035/0046 - T-24681

The content of this email is confidential and intended for the recipient specified in message only. It is strictly forbidden to share any part of this message with any third party, without a written consent of the sender. If you received this message by mistake, please reply to this message and follow with its deletion, so that we can ensure such a mistake does not occur in the future.

On Mon, Oct 26, 2026 at 1:53 PM VonHatten, Chad (RTKC) <Chad.VonHatten@riotinto.com> wrote:

Bryon,

Attached is the updated Bonneville Borrow Bond calculations. The requested has been adjusted and the formulas double checked to verify calculations were correct, the fuel costs are built into the operating costs.

Chad VonHatten
Principal Advisor, Reclamation and Regulatory
Rio Tinto Kennecott Utah Copper Corporation
Chad.vonhatten@riotinto.com
C-801-230-0458

From: VonHatten, Chad (RTKC) <Chad.VonHatten@riotinto.com>
Sent: Monday, October 26, 2026 1:12 PM
To: Kim Coburn <kcoburn@utah.gov>
Cc: Bryon Reyna <breyna@utah.gov>; Roberts, Clint (RTKC) <Clint.Roberts@riotinto.com>
Subject: Re: [External] Re: Bonneville coverage discussion

These are being updated, there were some formulas missing after adding additional lines and breaking things into separate groups. The fuel has been verified as being captured within the hourly costs.

We did adjust the CY for the loader and dozer, we also adjusted some of the haul trucks required for moving the media based on the estimated CY captured for each task (stockpiles and growth media).

I'll forward the final version once a second review of the formulas has been completed.

Regards,

Chad VonHatten
Principal Advisor, Reclamation and Regulatory
Rio Tinto Kennecott Utah Copper Corporation
Chad.vonhatten@riotinto.com
C-801-230-0458

From: Kim Coburn <kcoburn@utah.gov>
Sent: Monday, October 26, 2026 9:57 AM
To: VonHatten, Chad (RTKC) <Chad.VonHatten@riotinto.com>
Cc: Bryon Reyna <breyna@utah.gov>; Roberts, Clint (RTKC) <Clint.Roberts@riotinto.com>
Subject: Re: [External] Re: Bonneville coverage discussion

RECEIVED
10/27/2026
DIVISION OF OIL, GAS, AND MINING
M/035/0046 - Y-24081

Hi Chad,

Thanks for getting this over to us! We took a quick look. It looks like the loader and dozer volumes are switched below.

Bonneville Borrow Site
M/035/0046

Earthwork Costs

October 2026

RioTinto

	Equipment Cost	Hourly Operating Costs	Equipment Overhead	Operator's Hourly Wage Rate	Hourly Cost	Number of Men or Eq.	Total Eq. & Lab. Costs	Units	Quantity	Units	Production Rate	Units	Equip. + Labor Time/Dis.	Units	Cost
Refer to NOI, Section 106.3 Estimated Acreage, Table 1 and Figure 5, 5A.															
Replace 6" growth media over quarry floors and benches (118 acres)															
Quarry Floors (103 Acres)									83087						
14 H Grader	$ 11,920.00	$ 59.98	0.1	$ 101.55	$ 67.73	1	$ 177.68	$/HR	14000	LCY	434	LCY/HR	32	HR	$ 5,685.86
CAT 777 Haul Truck	$ 45,320.00	$ 161.84	0.1	$ 101.55	$ 257.50	4	$ 289.73	$/HR	1001	LCY	513	LCY/HR	2	HR	$ 579.46
Cat Loader 992	$ 46,655.00	$ 243.49	0.1	$ 101.55	$ 265.09	1	$ 379.54	$/HR	58968	LCY	405.3	LCY/HR	143	HR	$ 54,274.79
Cat D10 Dozer	$ 49,470.00	$ 197.61	0.1	$ 101.55	$ 281.08	1	$ 420.89	$/HR	10000	LCY	434	LCY/HR	23	HR	$ 9,680.53
									83087						
Benches and Roads (15 Acres)									12100						
Cat D10 Dozer	$ 49,470.00	$ 197.61	0.1	$ 101.55	$ 281.08	1	$ 420.89	$/HR	10000	LCY	434	LCY/HR	23	HR	$ 9,680.53
CAT 777 Haul Truck	$ 45,320.00	$ 161.84	0.1	$ 101.55	$ 257.50	4	$ 289.73	$/HR	1000	LCY	513	LCY/HR	2	HR	$ 579.46
Cat Loader 992	$ 46,655.00	$ 243.49	0.1	$ 101.55	$ 265.09	1	$ 379.54	$/HR	1100	LCY	405.3	LCY/HR	3	HR	$ 1,138.63
									12100						
Support Equipment															
Foreman, Average outside				$ 77.45		1	$ 77.45	$/HR					23	HR	$ 1,781.35
Pickup Truck Crew	$ 2,065.76	$ 16.45	0.1		$ 11.74	1	$ 103.29	$/HR					23	HR	$ 2,375.67
6,000 gal water truck	$ 8,488.78	$ 89.11	0.1	$ 101.55	$ 48.23	1	$ 209.73	$/HR					46	HR	$ 9,647.40
									95187	LCY					$ 95,423.67

Note - Total CY 95,187 CY of growth media spread is distrubuted between the Loader, Truck, Grader and Dozer.

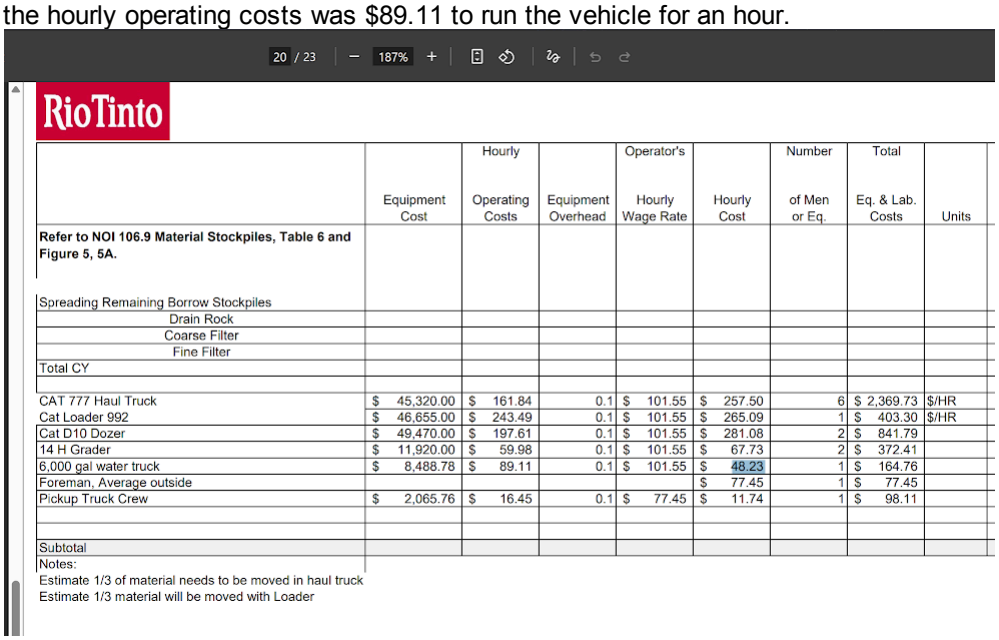
The fuel needs to be included in all of the costs.

The fuel is part of what is called the "Hourly Estimated Operating Costs".
https://equipmentwatch.com/resource/cost-recovery-2/

Operating Costs

- **Hourly Estimated Operating Cost:** The Estimated Operating Cost Per Hour includes the following expenses:The cost of labor and parts needed for routine, daily servicing of the equipment. This includes repairing and/or replacing small components such as pumps, carburetors, injectors, filters, belts, gaskets, and worn lines.The cost of operating expendables. These include fuel, computed in accordance with horsepower, average load factors, and the price of fuel; lubricants, including filters, oil, and grease, as well as the labor involved in lubrication; tires; and ground engaging components, including pads, blades, bucket teeth, etc. Tire costs are calculated by average tire life factors and take into consideration typical discounts from list prices. Electricity costs (where applicable) are calculated according to generally accepted duty cycles for the total motor load.The Estimated Operating Cost Per Hour assumes that the equipment is in good operating condition. No allowances are made for equipment operating in severe conditions or beyond periodic maintenance services.The "Estimated Operating Cost Per Hour" in Blue Book may not include all operating expenses. The cost of extraordinary operating expendables, such as certain ground engaging components, such as hammer and drill bits, drill steel, augers, saw blades, and tooth-bits, are normally excluded because of their highly variable wear patterns. It is recommended that these costs be recovered separately.Operator's wages are not included in the Estimated Operating Cost/Hour.
- **User-Defined Operating Adjustments:** The User-Defined Operating Adjustment is designed to modify the total equipment operating cost by a single user-defined factor.Although this adjustment can be used for any purpose, it is

I noticed the fuel because I was looking at the water truck and noticed that the hourly cost was only $48.23 when the hourly operating costs was $89.11 to run the vehicle for an hour.



	Equipment Cost	Hourly Operating Costs	Equipment Overhead	Operator's Hourly Wage Rate	Hourly Cost	Number of Men or Eq.	Total Eq. & Lab. Costs	Units
Refer to NOI 106.9 Material Stockpiles, Table 6 and Figure 5, 5A.								
Spreading Remaining Borrow Stockpiles								
Drain Rock								
Coarse Filter								
Fine Filter								
Total CY								
CAT 777 Haul Truck	$ 45,320.00	$ 161.84	0.1	$ 101.55	$ 257.50	6	$ 2,369.73	$/HR
Cat Loader 992	$ 46,655.00	$ 243.49	0.1	$ 101.55	$ 265.09	1	$ 403.30	$/HR
Cat D10 Dozer	$ 49,470.00	$ 197.61	0.1	$ 101.55	$ 281.08	2	$ 841.79	
14 H Grader	$ 11,920.00	$ 59.98	0.1	$ 101.55	$ 67.73	2	$ 372.41	
6,000 gal water truck	$ 8,488.78	$ 89.11	0.1	$ 101.55	$ 48.23	1	$ 164.76	
Foreman, Average outside					$ 77.45	1	$ 77.45	
Pickup Truck Crew	$ 2,065.76	$ 16.45	0.1	$ 77.45	$ 11.74	1	$ 98.11	
Subtotal								

Notes:
Estimate 1/3 of material needs to be moved in haul truck
Estimate 1/3 material will be moved with Loader

To correct this, you need to make sure that the "hourly operating costs" is added into the final hourly rate. This can be done after the hourly rental rate (monthly rental/176) such as seen below.

RECEIVED
10/27/2026
DIVISION OF OIL, GAS, AND MINING
M/035/0046 - T-24681

Equipment Operating and Labor Rates

Hourly Rates	Equipment costs	Hourly Operating Costs	Equipment Hourly Rates Blue Book Rate	Overhead and Profit	Labor Hourly Rates
Cat D8R Dozer	$ 18,315.00	$ 130.65	$ 234.71	0.1	$ 101.55
Cat D9R Dozer	$ 23,820.00	$ 164.68	$ 300.02	0.1	$ 101.55
Cat D10R Dozer	$ 49,470.00	$ 197.61	$ 478.69	0.1	$ 101.55
Cat 14 Grader	$ 11,920.00	$ 59.98	$ 127.71	0.1	$ 101.55
Water Truck 6000 gal	$ 8,488.78	$ 89.11	=B8/176+C8	0.1	$ 101.55
Cat Water Truck Off highw	$ 22,497.54	$ 116.66	$ 244.49	0.1	$ 101.55
Pickup Truck 4x4	$ 2,065.76	$ 16.45	$ 28.19	0.1	$ 77.45
Cat 657 Scraper	$ 86,973.13	$ 419.29	$ 913.46	0.1	$ 101.55
Laborers			$ -		$ 74.50
CAT 777 Haul Truck	$ 45,320	$ 161.84	$ 419.34	0.1	$ 101.55
Cat Loader 992	$ 46,655	$ 243.49	$ 508.58	0.1	$ 101.55

* Equipment Hourly Rates include ownership and operating cost from Blue Book 2026
** Labor Hourly Rates include overhead and profit from back cover Means Heavy Construction Cost Data 2026

Thank you for getting this over to us!

Kim
Coburn
Minerals
Program - Engineer

385-320-3721
| kcoburn@utah.gov

Oil, Gas
& Mining

The content of this email is confidential and intended for the recipient specified in the message only. It is strictly forbidden to share any part of this message with any third party, without the written consent of the sender. If you received this message by mistake, please reply to this message and follow with its deletion, so that we can ensure such a mistake does not occur in the future.

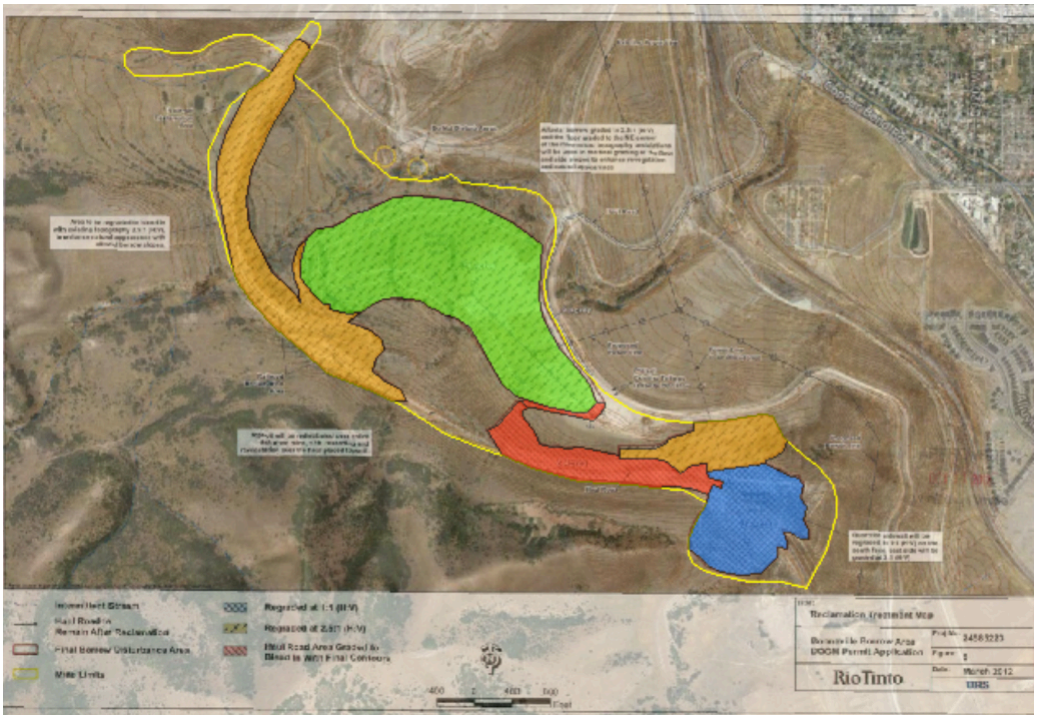
On Mon, Oct 26, 2026 at 7:55 AM VonHatten, Chad (RTKC) <Chad.VonHatten@riotinto.com> wrote:

> Bryon,
>
> Attached is the updated worksheet for the Bonneville Borrow, the requested information for Bench/Flat/Support has been added along with the acreage for reference. If this is satisfactory, I'll submit the MR-REV for submmittal.
>
> Thanks,
>
> Chad VonHatten
> Principal Advisor, Reclamation and Regulatory
> Rio Tinto Kennecott Utah Copper Corporation
> Chad.vonhatten@riotinto.com
> C-801-230-0458
>
> KENNECOTT
> ENVIRONMENTAL
>
> ---
>
> **From:** Kim Coburn <kcoburn@utah.gov>
> **Sent:** Thursday, October 22, 2026 4:40 PM
> **To:** VonHatten, Chad (RTKC) <Chad.VonHatten@riotinto.com>
> **Cc:** Bryon Reyna <breyna@utah.gov>; Roberts, Clint (RTKC) <Clint.Roberts@riotinto.com>
> **Subject:** [External] Re: Bonneville coverage discussion

RECEIVED
10/27/2026
DIVISION OF OIL, GAS, AND MINING
M/035/0046 - T-24681

Hi Chad,

Thanks for meeting with us earlier today. I told you I had some quick GIS I was using to calculate rip lengths in SRCE so I created the attached KMZ. It is definitely not perfect. For instance the main borrow area is denoted as 74 acres and I was measuring 77 acres. It just helped me visualize the project and hope that it helps you too.



Best regards,
Kim
Coburn
Minerals
Program - Engineer

385-320-3721
| kcoburn@utah.gov

Oil, Gas & Mining

The content of this email is confidential and intended for the recipient specified in the message only. It is strictly forbidden to share any part of this message with any third party, without the written consent of the sender. If you received this message by mistake, please reply to this message and follow with its deletion, so that we can ensure such a mistake does not occur in the future.

On Wed, Oct 21, 2026 at 6:02 PM VonHatten, Chad (RTKC) <Chad.VonHatten@riotinto.com> wrote:

> Calculations have been updated and compared to the current disturbance seen in Google Earth, with polygons drawn to calculate areas for bench reclamation and floor reclamation efforts.
>
> I'd like to review the document and calculations one last time to have an agreement that the bonding will be sufficient prior to submitting the forms.
>
> Calculations are below;
>
> - Floor for both phase 1 and 2 - 16.69 acres - 13,463CY to cover .5 feet for reclamation
> - Benches (slopes) for both phase 1 and 2 - 7.31 acres - 5,897CY to cover .5 feet for reclamation.
>
> Some reclamation has been completed in phase 1, currently there is 95,000CY estimated for all the reclamation within the bond calculation. Until the disturbance occurs, it is very difficult to segregate the slopes and floor areas.
>
> I look forward to the discussion to finalize the calculations for Bonneville Borrow.

RECEIVED
10/27/2026
DIVISION OF OIL, GAS, AND MINING
M/035/0046 - T-24681

Thanks,
Chad VonHatten

Microsoft Teams meeting

Join: https://teams.microsoft.com/meet/2943351348152391?p=969UxJ6QkJYxueGD4r

Meeting ID: 294 335 134 815 239 1

Passcode: kV7mr66d

Need help? | System reference

Dial in by phone

+44 20 3821 1935,,899487576# United Kingdom, City of London

Find a local number

Phone conference ID: 899 487 576#

Join on a video conferencing device

Tenant key: riotinto@m.webex.com

Video ID: 112 324 346 6

More info

For organizers: Meeting options | Reset dial-in PIN

*** See Help page for meeting limitations / Cliquez sur “Aide” pour comprendre les limitations ***

Org help

---

2 attachments

OneDrive_1_27-10-2026.zip
688K

Draft MR-REV 2026 BB M_035_0046_10_27_2026.pdf
268K