



December 11, 2012

US Nuclear Regulatory Commission
Attn: Mr. Douglas Mandeville
11545 Rockville Pike
Two White Flint North, Mailstop T8 F5
Rockville, MD 20852-2738

RE: License SUA-1548, Docket No. 40-8964
2012-13 Surety Estimate Update for Ruth ISR Project

CAMECO RESOURCES

Project Development
550 N. Poplar Street
Suite 100
Casper, WY
82601 USA

Tel: (307) 237 - 2128
Fax: (307) 237 - 2142
www.cameco.com

Dear Mr. Mandeville:

Pursuant to License Condition 9.5, Power Resources, Inc. d/b/a Cameco Resources (Cameco) is herein providing (2) copies of the proposed 2012-13 reclamation surety estimates for the Ruth ISR Project. This surety estimate has been submitted to the Wyoming Department of Environmental Quality (WDEQ) in an annual report dated December 26, 2012.

The Current facility is nonoperational with no current development or operational activities planned for the next surety period. A surety estimate of \$192,000 is proposed, estimated using WDEQ Guideline 12 and actual reclamation costs from Cameco's Smith Ranch Highland operations. If you have any questions or concerns regarding this estimate please feel free to contact Jeanie Wolford at 307-333-7644 or by email at Jeanie_wolford@cameco.com.

Sincerely,

Cameco Resources

Josh Leftwich

Director of SHEQ

Enclosures:

Appendix A: 2012-13 Ruth Reclamation Surety Bond Estimate

JL:jmw

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2012-13 RECLAMATION SURETY BOND ESTIMATE
WDEQ PERMIT No. 631 ANNUAL REPORT / NRC SUA-1548
RUTH ISR PROJECT - CAMECO RESOURCES

Appendix A

TOTAL DECOMMISSIONING AND RECLAMATION COST ESTIMATE

I. BUILDING DEMOLITION AND DISPOSAL COSTS	\$77,349
II. EVAPORATION POND DECOMMISSIONING COSTS	\$37,707
III. MISC. SURFACE RECLAMATION COSTS	\$9,931
IV. WELL PLUGGING AND ABANDONMENT	\$6,864
V. FINAL STATUS SURVEY REPORT	\$10,000
SUBTOTAL	\$141,851
CONTINGENCY:	
PROJECT MANAGEMENT + MISCELLANEOUS COSTS (25%) ^a	\$35,463
CONTRACTOR PROFIT + OVERHEAD + MOBILIZATION COSTS (10%) ^b	\$14,185
TOTAL RECLAMATION, ROUNDED UP	\$192,000

^a Based on WDEQ-LQD Guideline No. 12 , Section II(B)(12)(except b) and (13).

^b Based on WDEQ-LQD Guideline No. 12 , Section II(B)(12)(b).

NOTE: Salvage value is not included in any cost estimates.

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WDEQ PERMIT No. 631 ANNUAL REPORT / NRC SUA-1548
RUTH ISR PROJECT - CAMECO RESOURCES

	Process Building	Warehouse Building	Generator Building
I. BUILDING DEMOLITION AND DISPOSAL			
A. Demolition			
1 Equipment			
Equipment remaining on site includes 6 tanks/vessels and injection manifold.			
Subtotal Equipment Dismantling	\$8,000	\$0	\$0
2 Building			
Building Volume (CF)	80,000	6,000	1500
Demolition Unit Cost per WDEQ Guideline 12, App. K (\$/CF)	\$0.278	\$0.278	\$0.278
Subtotal Building Demolition	\$22,226	\$1,667	\$417
3 Concrete Floor			
Concrete Floor Area, SF	4,000	600	150
Demolition Unit Cost per WDEQ Guideline 12, App. K (\$/SF)	\$5.31	\$5.31	\$5.31
Subtotal Concrete Floor Demolition	\$21,229	\$3,184	\$796
4 Concrete Footing			
Concrete Footing Length (ft)	280	0	0
Demolition Unit Cost per WDEQ Guideline 12, App. K (\$/lin.ft)	\$19.78	\$19.78	\$19.78
Subtotal Concrete Footing Demolition	\$5,539	\$0	\$0
Subtotal Demolition per Building	\$56,994	\$4,851	\$1,213
Total Demolition			\$63,058
B. Disposal			
1 Equipment			
Equipment Volume (CY)	15		
Disposal Unit Cost (\$/ton) ^a	\$0	\$0	\$0
Convert waste volume to tons (0.24 tons / CY) ^b	4		
QTY. Trips	2	0	0
Transportation Unit Cost (\$/trip)	\$1,000	\$1,000	\$1,000
Subtotal Equipment Disposal	\$2,000	\$0	\$0
2 Buildings On-Site			
Assume Thickness of building material (ft)	0.75	0.5	0.5
Building Length (ft)	100	30	15
Building Width (ft)	40	20	10
Building Height (ft)	20	10	10
Volume of Building Materials (CY)	267	30	12
Volume for Disposal (assume 25% swell factor) (CY)	334	38	15
Disposal Unit Cost per WDEQ Guideline 12, App. K (\$/CY)	\$8.25	\$8.25	\$8.25
Subtotal Building Disposal	\$2,755	\$313	\$124
3 Concrete Floor			
Area of Concrete Floor, SF	4,000	600	150
Average Thickness of Concrete Floor (ft)	0.5	0.5	0.5
Volume of Concrete Floor (CY)	74	11	3
a. On-Site Disposal			
Percentage (%) ^b	90%	100%	100%
Volume for Disposal (CY)	66.6	11	3
Disposal Unit Cost per WDEQ Guideline 12, App. K (\$/CY)	\$8.25	\$8.25	\$8.25
Subtotal On-Site Disposal	\$549	\$91	\$25

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	Process Building	Warehouse Building	Generator Building
I. BUILDING DEMOLITION AND DISPOSAL			
b. NRC-Licensed Facility			
Percentage (%) ^c	10%	0%	0%
Disposal Volume (CY)	7.4	0	0
Assume 50% volume swell factor (CY)	11	0	0
Disposal Unit Cost (\$/ton) ^a	147.76	147.76	147.76
Convert waste volume to tons (0.24 tons / CY) ^b	2.64	0	0
QTY. Trips	1	0	0
Transportation Unit Cost (\$/trip)	\$138	\$138	\$138
Subtotal NRC-Licensed Facility Disposal	\$528	\$0	\$0
Subtotal Concrete Floor Disposal	\$1,077	\$91	\$25
4 Concrete Footing On-Site			
Length Concrete Footing (ft)	280	0	0
Average Thickness Concrete Footing (ft)	4	4	4
Average Width Concrete Footing (ft)	1	1	1
Concrete Footing Volume (CY)	41	0	0
Disposal Unit Cost per WDEQ Guideline 12, App. K (\$/CY)	\$8.25	\$8.25	\$8.25
Subtotal Concrete Footing Disposal	\$338	\$0	\$0
Subtotal Disposal per Building	\$6,170	\$404	\$149
Total Disposal			\$6,723
C. Radiation Surveys and Soil Sampling			
Assume: environmental and personnel monitoring (TLD) not required, based on NRC regulations and ambient levels of radiation on-site.			
1 Equipment (Alpha/Gamma Surveys and Smear Samples)			
QTY. Weeks	2	0	0
Rental Rate (\$/week)	\$250	\$250	\$250
Subtotal Equipment	\$500	\$0	\$0
2 Labor (Surveys and Soil Sampling)			
QTY. Hours	80	0	0
Labor, per Mountain States Employers Council	\$34.80	\$34.80	\$34.80
Subtotal Labor	\$2,784	\$0	\$0
3 Analytical			
QTY. Samples	5	0	0
Ra-226 Analytical (\$/sample)	\$100	\$100	\$100
Subtotal Analytical	\$500	\$0	\$0
Total Radiation Survey + Soil Sampling			\$3,784
SUBTOTAL INDIVIDUAL BLDG. DEMOLITION + DISPOSAL COSTS	\$66,948	\$5,255	\$5,146
TOTAL ALL BUILDING DEMOLITION + DISPOSAL COST			\$77,349

Notes:

a - Per Byproduct Material Disposal Agreement with Dennison Mines

b - Florida Dept. Environmental Protection: *Converting C&D Debris from Volume to Weight, a Fact Sheet for C&D Debris Facility Operators* [www.floridacenter.org/C&Dconversion.html]

c - Based on radiation surveys conducted by Pathfinder Mines Co. during October - November 2001 (see site transfer letter dated November 2, 2001).

CF - cubic feet

CY - cubic yards

ft - feet

in - inches

lin. ft - linear feet

SF - square feet

QTY - quantity

2012-2013 RECLAMATION SURETY BOND ESTIMATE
WDEQ PERMIT No. 631 ANNUAL REPORT / NRC SUA-1548
RUTH ISR PROJECT - CAMECO RESOURCES

II. EVAPORATION POND DECOMMISSIONING				Pond No. 1	Pond No. 2
A.	By-product Material Removal and Loading				
	1	Volume of By-product Material			
		Area of Pond Bottom (SF)		22,138	21,947
	a.	Area with Fill (SF)		2,813	0
		Average Fill Thickness (in)		3.5	0
		Volume of Fill (CY)		30	0
	b.	Remaining Area with Pond Residue (SF)		19,325	21,947
		Average Pond Residue Thickness (in)		1	0.5
		Volume of Pond Residue (CY)		60	34
	c.	Area of Liner (SF)		22,138	21,947
		Thickness of Liner (in)		0.036	0.036
		Volume of Liner (CY)		2.5	2.4
		Volume of Liner Assuming 25% Void Space (CY)		3	3
	d.	Area of Contaminated Sump and Drain (SF)		0	1
		Length of Sump and Drain (ft)		0	240
		Volume of Sump and Drain (CY)		0	9
	e.	Diameter of Contaminated Soil (ft)		0	10
		Contaminated Soil Thickness (in)		0	6
		Volume of Contaminated Soil (CY)		0	1
		Subtotal Volume By-product Material (CY)		93	47
	2	Equipment (Front-End Loader)			
		QTY. Hours		40	20
		Operating (\$/hr),		\$116	\$116
		Loader Cat 924G Loader Guideline 12			
		Subtotal Equipment		\$4,639	\$2,320
	3	Labor, per Mountain States Employers Council			
		QTY. Hours		40	20
		QTY. Laborers		3	3
		Labor (\$/hr)		\$37.70	\$37.70
		Subtotal Labor		\$4,524	\$2,262
		By-product Material Removal and Loading Per Pond		\$9,163	\$4,582
		Total By-product Material Removal + Loading			\$13,745
B.	Transportation and Disposal				
		Total Volume of Byproduct Material (CY)		93	47
		Transportation & Disposal			
		Volume of Soil per Trip (CY/trip)		30	30
		QTY. Trips		3	2
		per Trip (\$/trip)		\$301	\$301
		Subtotal Transportation + Disposal per pond		\$902.51	\$602
		Total Transportation + Disposal			\$1,504

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II. EVAPORATION POND DECOMMISSIONING				Pond No. 1	Pond No. 2
C. Ripping					
	Area (acres)			0.5	0.5
	Ripping Unit Cost per WDEQ Guideline 12, App. I (\$/acre)			\$881.07	\$881.07
			Subtotal Ripping per pond	\$441	\$441
			Total Ripping		\$882
D. Backfilling					
	Volume of Soil (CY)			5400	5400
	Backfilling Unit Cost per WDEQ Guideline 12, App. E (\$/CY)			\$0.266	\$0.266
	Assume: Surface grade = 0%; Avg. haul distance = 100 ft.				
			Subtotal Backfilling per pond	\$1,436	\$1,436
			Total Backfilling		\$2,872
E. Grading					
	Area (acres)			1.5	1.5
	Rough Grading Unit Cost per WDEQ Guideline 12, App. M (\$/acre)			\$93.42	\$93.42
	Final Grading Unit Cost per WDEQ Guideline 12, App. G (\$/acre)			\$75.25	\$75.25
			Subtotal Grading per pond	\$253	\$253
			Total Grading		\$506
F. Replacement of Topsoil					
	Volume of Topsoil (CY)			3756	3756
	Application Unit Cost per WDEQ Guideline No.12, App.E (\$/CY)			\$1.409	\$1.409
	Assume Surface grade = 0%, Avg. haul distance = 400 ft.				
			Subtotal Topsoil Replacement per pond	\$5,292	\$5,292
			Total Topsoil Replacement		\$10,584
G. Seeding/Revegetation					
	Area (acres)			1.5	1.5
	Discing, Seeding, Mulching, \$/acre			\$606	\$606
			from Smith Ranch-Highland 2010 actual cost		
			Subtotal Seeding/Revegetation per pond	\$909	\$909
			Total Seeding/Revegetation		\$1,818
H. Fence Removal					
	Length (ft)			800	800
	Fence Removal Unit Cost per WDEQ Guideline 12, App. H (\$/ft)			\$0.32	\$0.32
			Subtotal Fence Removal per pond	\$256	\$256
			Total Fence Removal		\$512
I. Radiation Surveys and Soil Sampling					
			Assume: environmental and personnel monitoring (TLD) not required, based on NRC regulations and ambient levels of radiation on-site.		
	1 Equipment (Alpha/Gamma Surveys and Smear Samples)				
	QTY. Weeks			1	1
	Rental Rate (\$/week)			\$250	\$250
			Subtotal Equipment	\$250	\$250
	2 Labor (Surveys and Soil Sampling)				
	QTY. Hours			40	40
	Labor, per WDEQ Guideline 12 App's. N & O			\$34.80	\$34.80
			Subtotal Labor	\$1,392	\$1,392

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WDEQ PERMIT No. 631 ANNUAL REPORT / NRC SUA-1548
RUTH ISR PROJECT - CAMECO RESOURCES

II. EVAPORATION POND DECOMMISSIONING				Pond No. 1	Pond No. 2
	3	Analytical			
		QTY. Samples		10	10
		Ra-226 Analytical (\$/sample)		\$100	\$100
			Subtotal Analytical per pond	\$1,000	\$1,000
			Subtotal Radiation Survey + Soil Sampling per pond	\$2,642	\$2,642
			Total Radiation Survey + Soil Sampling		\$5,284
			SUBTOTAL EVAPORATION POND DECOMMISSIONING COSTS	<u>\$21,295</u>	<u>\$16,413</u>
			TOTAL EVAPORATION POND DECOMMISSIONING COST		\$37,707

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WDEQ PERMIT No. 631 ANNUAL REPORT / NRC SUA-1548
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III. MISC. SURFACE RECLAMATION	Unit Cost	Units	Est Qty	Subtotal
A. Buildings, Roads, and Parking Areas				
1 Gravel Removal	\$1.080	CY	1500	\$1,620
Removal Unit Cost per WDEQ Guideline 12, App. C: assume surface Grade = 0%, avg. haul distance = 500 ft.				
2 Ripping	\$1,209.63	acre	2	\$2,419
Ripping Unit Cost per WDEQ Guideline 12, App. I1				
3 Topsoil Replacement	\$1.067	CY	2070	\$2,209
Application Unit Cost per WDEQ Guideline No.12, App. E: assume surface grade = 0%, avg. haul distance = 400 ft.				
4 Seeding/Revegetation				
Discing, Seeding, Mulching, \$/acre	\$606	acre	2	\$1,212
from Smith Ranch-Highland '08 actual cost				
Subtotal Seeding/Revegetation				\$1,212
5 Fence Removal	\$0.32	foot	2880	\$922
Removal Unit Cost per WDEQ Guideline 12, App. H				
Total Bldgs + Roads + Pkg Area Surface Reclamation				\$8,382
B. R&D Wellfield Area				
1 Replacement of Topsoil	\$0.902	CY	1180	\$1,064
Application Unit Cost per WDEQ Guideline No.12, App. E: assume surface grade = 0%, avg. haul distance = 350 ft.				
2 Seeding/Revegetation				
Discing, Seeding, Mulching, \$/acre	\$606	acre	0.8	\$485
from Smith Ranch-Highland '08 actual cost				
Subtotal Seeding/Revegetation				\$485
Total R&D Wellfield Area Surface Reclamation				\$1,549
TOTAL MISC. SURFACE RECLAMATION COSTS				\$9,931

2012-2013 RECLAMATION SURETY BOND ESTIMATE
WDEQ PERMIT No. 631 ANNUAL REPORT / NRC SUA-1548
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IV. WELL PLUGGING AND ABANDONMENT

	Unit Cost	Units	Estimated Quantity	Subtotal
A. Well Plugging				
Quantity Wells (based on 12/08 review of WSEO records)				
Plug Wells (based on WSEO records), average well depth 552'	\$4.00	linear foot	3	\$6,624
Remove Top Portion Casing	\$30.00	well	3	\$90
Subtotal Plugging Costs				\$6,714
B. Surface Reclamation^a				
Site Smoothing & Re-Seeding	\$50.00	site	3	\$150
TOTAL PLUGGING + RECLAMATION COSTS				\$6,864

Based on WDEQ Guideline 12 (November, 2011), Appendix L

^a Seeding of abandoned well locations to be completed in conjunction with seeding of Exploration Camp and two-track roads.

Miscellaneous Wells						
Total Number of Wells		4				
Average Well Depth (ft)		550	0	0	0	0
Average Diameter of Casing (inches)		5	0	5	5	5
Delineation Holes Estimated Next Report Period		0	0	0	0	0
Length of Fencing (ft)		0	0		0	0
Number of Deep Disposal Wells		0				
Number of Header Houses		0	0			

Electrical Costs		2012 Actual	
Power cost		\$0.0554	kwHr
Kilowatt to Horsepower		0.746	Kw/HP
Horsepower per gallon per minute		0.167	HP/gpm
Natural Gas		\$4.94	per MMBTU
Propane		\$26.06	per MMBTU

Labor Rates					
Latest Available for 2012 year, Wyoming, Mountain States Employers Council, 2010					
		Inc 42% benefits			
			(i.e., overhead)		
Environmental Manager/RSO		\$43.00	\$62.35	hour	
Restoration Manager/Hydrologist		\$35.00	\$50.75	hour	
Operator		\$26.00	\$37.70	hour	
Laborer		\$23.00	\$33.35	hour	
Engineer		\$36.00	\$52.20	hour	
Radiation/Environmental Engineering Technician		\$24.00	\$34.80	hour	
2,080 working hours in a year		173	hours per month		

Chemical Costs (Cost derived from SRH)	2012 Actual	
Antiscalant for RO (HyperSpere)	\$34.58	gal
Antiscalant for RO (ScaleTrol)	\$43.59	gal
Sodium Sulfide	\$0.51	pound
Methanol	\$2.43	gal
Cement	\$9.17	sack
Bentonite Tubes	\$2.90	tube
Plug Gel	\$8.00	sack
Well Cap	\$7.50	each
Hydrochloric Acid	\$0.20	pound
Analytical Costs		
Guideline 8 (contract lab adjusted for current contract cost)	\$337.00	analysis
6 parameter (in-house) Est Rate (CPI)	\$100.00	analysis
Other (radon, bio, etc.) Est Rate (CPI)	\$1,000.00	month

Equipment Costs						
	Base Rental Rate (\$/hr)	Labor Costs (\$/hr)	Repair Reserve Costs (\$/hr)	Fuel Costs (\$/hr)	Mob & Demob (\$/hr)	Total (\$/hr)
Equipment						
Cat 924G Loader	\$52.56	N/A	inc	inc	inc.	\$52.56
Cat 416 Backhoe	\$35.84	N/A	inc	inc	inc.	\$35.84
Trailer Mounted Brush Chipper	\$37.60	N/A	inc	inc	inc	\$37.60
Cat D8T Bulldozer, Semi-U	\$207.17	N/A	inc	inc	inc.	\$207.17
Pulling Unit	\$37.83	inc	inc	inc	inc	\$37.83
MIT Unit	\$30.42	N/A	inc	inc	inc	\$30.42
Drill Rig (workover, repair, P&A) w	\$200.00	inc	inc	inc	inc	\$200.00
Goose Neck Trailer	\$17.61	N/A	inc	inc	inc.	\$17.61
Manlift Rental	\$53.10	inc	inc	inc	inc	\$53.10
Cementer	\$14.30	N/A	inc	inc	inc.	\$14.30
Crane Rental with Operator	\$132.85	inc	inc	inc	inc	\$132.85
Cat 320C L Trackhoe	\$100.85	N/A	inc	inc	inc	\$100.85
Concrete Jaws Labounty - CP-	\$18.22	N/A	inc	inc	inc	\$18.22
Pick-up Truck 3/4 ton 4X4	\$32.91	N/A	inc	inc	inc	\$32.91

Hose Reel	\$62.50	N/A	inc	inc	inc	\$62.50
Bobcat S250 Skid Steer Loader	\$35.55	N/A	inc	inc	inc	\$35.55
Cat 14H Grader - 14' Blade	\$117.73	N/A	inc	inc	inc	\$117.73
Cat 615C Elevating Scarper	\$189.21	N/A	inc	inc	inc	\$189.21
Trailer Mounted Brush Chipper	\$37.60	N/A	inc	inc	inc	\$37.60
Basis:						
Drill rig based on current 2010 contracts						
Equipment costs are FHWA rates, from the Equipment Watch						
Rental Rate Blue Book, dated June 7, 2012. Rate is the monthly						
ownership cost divided by 176 plus the hourly estimated				\$3.230	gallon	
operating cost and is the standard used by the DOT for				\$3.000	gallon	

Waste Disposal Costs

Disposal Costs are Based on the Current Contract With Denison Mines good through 2015

Transportation is Calculated from SRH

Waste Form	Fee		Density Correction Factor (Tons/Yd3)	Disposal Fee per Cubic Yard	Transport Cost		Total Transport ation and Disposal
Soil, Concrete, Bulk Byproduct Material	\$147.76	per Ton	1.1	\$162.54	\$138.30	per Yd3	\$300.84
							\$11.14
Unpackaged Bulk Byproduct Material (e.g., pipe)	\$168.49	per Ton	0.42	\$70.77	\$138.30	per Yd3	\$209.07
							\$7.74
Solid Waste (landfill)	\$0.00827	per Lb			Incl.	per Lb	\$0.00827
Solid Waste (landfill)	\$133.75	per Load			Incl.	per Load	\$133.75
Void Factor (for disposal)	1.25						
Transportation Cost per load	\$2,800	yrds/load	30	yd			
Bin Rental (90 days @ \$13.00 per day)	\$1,170						
Decontamination Fee	\$170	per Load					
Unloading Fee	\$165	per Load					
Total Transportation	\$4,305						
Load Correction Factors - difference between solid material and when it is broken because of air							
	Pounds/CY						
Material	Solid (bank)	Broken (Loose)	% Dif	Load Factor			
Granite	4536	2781	39%	0.61			
Limestone	4401	2619	40%	0.60			
Sandstone	3915	2538	35%	0.65			
Concrete	3996	2176	46%	0.54			
Sand & gravel	2700	2400	11%	0.89			

Guideline No. 12 Unit Costs (Includes Profit) VS. 11/2012								
Paragraph 12, Miscellaneous (Administrative, Overhead and Contingency)								
Extrapolated percentage based on numbers provided							15	percent
App K, Cost Estimates for Demolition and Removal of Railroad Spurs and Facilities Buildings								
Task	Cost per unit		Regional Cost Adjustment			Adjusted Cost per Unit		
Mixture of Types	\$0.29	ft3		0.958		\$0.278	ft3	
Explosive Demolition, Concrete or	0.29	ft3		0.958		\$0.278	ft3	
Disposal (Average)	9.92	cy		0.958		\$9.503	cy	
City Landfill Dump Charges	\$82.00	ton		0.958		\$78.556	ton	
Concrete Footings and Foundations				0.958		\$0.000		
6" Thick with Rebar	5.54	ft2		0.958		\$5.307	ft2	
Footings - 2' Thick, 3' Wide	20.65	lin. ft.		0.958		\$19.783	lin. ft.	
Concrete Disposal On-Site	8.61	cy		0.958		\$8.248	cy	
Caterpillar 980G Front End Loader (GL 12 App. J)	115.98	hr						
Dumptruck (10-12 yd3) (GL 12 App. J)	77.78	hr						
City Landfill Dump Charges x density correction factor				0.42		\$34.44		
App C, Calculations for Moving Materials with a Caterpillar 637G Push-Pull Scraper Fleet						Operating Cost per		

One-Way Distance 500 feet, 0% grade				\$1.080	bcy
One-Way Distance 1,000 feet, 0% grade				\$1.280	bcy
One-Way Distance 2,000 feet, 0% grade				\$1.670	bcy
One-Way Distance 6,500 feet, 5% grade, resisting				\$3.245	bcy
App E, Calculations for Moving Material with a Caterpillar D9R Dozer				Operating Cost per	
Distance 50 feet				\$0.160	lcy
Distance 350 feet				\$0.902	lcy
Distance 400'				\$1.067	lcy
Distance 500'				\$1.409	lcy
App. G, Calculations for final grading with a Cat 16M Motor Grader					
Operating Costs				\$75.250	per acre
App H, Cost Estimates for Handling Wire Fencing and Electrical Power Lines					
Fencing Removal				\$0.32	linear foot
App I, Cost Estimate for Ripping Asphalt Using a Caterpillar D9R Dozer				Operating Cost	
				\$881.07	per acre
App I1, Cost Estimate for Ripping Overburden Using a Caterpillar D10T Dozer				Operating Costs	
	0.27	acre/hour		\$326.60	per hour
				\$1,209.63	per acre
Well Covers (Actual Costs -HUP)		\$8.07			
Guideline No. 12 Unit Costs (Includes Profit) VS. 10/2012					
App J, Cost Estimate for Removing one 20' Section of CMP				Operating Cost	
App L, Abandonment and Sealing of Cased Drill Holes and Monitor Wells					
Well Abandonment Costs					
Monitor, Production, and injection wells w/in an active ISR facility				\$2.500	lf
Scattered wells (≤25 wells)				\$4.000	lf
Scattered wells (≥25 wells)				\$3.000	lf
Artesian or gassy				\$10.000	ft
Small Site Grading				\$50.00	per site
Large Site Grading				\$3,000.00	acre
Caps				\$10.00	ea
Mobilization Fee				\$1,000.00	Prj
Location Fee				\$10.00	site
Monitoring well concrete pedestal disposal				\$100.00	ea
Removal and disposal of top few feet of casing				\$30.00	well
App. M Rough Grading Backfill using Cat D9 Dozer or Cat					
Dozer				\$93.42	per acre
Cat				\$58.33	per acre
App. O Cost to Remove One Meteorological Station				\$999.80	per site
App P, Cost Estimates for Scarification of Compacted Surfaces Using Cat. 16H Grader				Operating Costs	
	2.9	acre/hour		\$200.17	per hour
				\$69.02	per acre
Table D-1 (GL 12)					
Vehicle Operating Costs					
Pickup (Gas)	\$32.91				
Table D-1 Operating Costs and Adjusted Costs					
Dump Truck 10-12 CY	\$77.78				
Pickup (Diesel)	27.47				
Seeding Unit Costs					
Disking / Seeding/Topsoil Costs			2010 Actual		
Seed cost			\$65.99	per acre	
Hay Mulch Crimped and Tackifier Soil Amendment			\$540	per acre	
Seed and Mulch			\$606	per acre	
Depth of Topsoil			0.5	feet	