

December 16, 2014

Attn: Document Control Desk Director Office of Federal and State Materials and Environmental Management Programs U.S. Nuclear Regulatory Commission Washington, DC 20555-0001

Attn: Document Control Desk
U.S. Nuclear Regulatory Commission
Deputy Director
Decommissioning and Uranium Recovery Licensing Directorate
Division of Waste Management and Environmental Protection
Office of Federal and State Materials and Environmental Management Protection
Mail Stop T-8F5
11545 Rockville Pike
Two White Flint North
Rockville, MD 20852-2738

RE: Uranerz Energy Corporation, Nichols Ranch Project, Source Materials License SUA-1597, License Condition 9.5 Financial Assurance Annual Update, Docket No. 40-9067

Dear Director and Deputy Director,

Pursuant to License Condition 9.5 Uranerz Energy Corporation (Uranerz) proposed annual updates to the financial assurance shall be provided annually to the NRC by December 29. Uranerz currently holds a Six Million, Eight Hundred Thousand Dollar (\$6,800,000) financial assurance bond that was accepted by the Wyoming Department of Environmental Quality Land Quality Division (WDEQ-LQD) with the issuance of the Permit to Mine No. 778.

Uranerz recently completed the annual surety review, as required by the WDEQ-LQD, concluding the surety amount remains sufficient for the activities engaged. Through the review adjustments have been made; however, the total estimate remains less than the surety bond amount. A copy of the Surety Estimate document is enclosed along with a CD containing the spreadsheets. Additionally, a summary of the adjustment, by worksheet has been included to facilitate the NRC review.

Of note, a courtesy copy of the entire WDEQ-LQD Annual Report 2013-2014, which contains the surety review was sent to the NRC on December 4, 2014.

USA OPERATIONS

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CANADA OPERATIONS

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If you should have any questions regarding this matter or this proposed plan, please contact me by phone at 307-265-8900 or by email at mthomas@uranerz.com.

Sincerely,

Mike Thomas

Vice President Regulatory and Public Affairs

Uranerz Energy Corporation

MT/dk

Attachments:

Surety Estimate (w/CD)

Surety Estimate Adjustment Summary

Cc: WDEQ/LQD Dorran Larner, Project Manager

Suite 1410

Surety Estimate Adjustment Summary 2013-2014

According to WDEQ-LQD Permit to Mine No. 778 and NRC License SUA-1597, Uranerz is required to submit an updated Annual Surety Estimate Revision each year to adjust the bond amount to reflect existing operations and those planned for construction or operation in the following year. The following is a discussion, by worksheet, of adjustments made to the bond estimate.

The current performance bond accounts for construction and start-up of the Nichols Unit CPP, associated facilities, PA#1, restoration of PA#1, monitor wells for PA# 2, various activities for the 2015 year, and reclamation of the Nichols Ranch Unit operation. The amount of \$6.8 million for Bond No. 1057688 was approved by the WDEQ-LQD with the issuance of Permit to Mine No. 778. Uranerz estimates the cost of decommissioning of the project at \$6,690,834. This constitutes an increase of \$454,878 from the previous year's estimate of \$6,235,956. Uranerz review of the current approved bond finds that overall it remains sufficient to cover all costs of reclamation and restoration for the level of activity and planned activity for the coming year. At this time, Uranerz respectfully requests that no changes be made to the bond.

Significant changes to the surety estimate include:

- The consumer price index (CPI) was updated to 2013 values.
- The thickness of the ore zone was increased from 7.25 ft. to 10 ft. given the recompletions discussed in Section II (G) of this Annual Report.
- Cost for propane was adjusted to current costs.
- Costs for delineation drilling was added to this surety.

Worksheet 1, No.1

- The thickness of the ore zone was increased from 7.25 ft. to 10 ft. given the recompletions discussed in Section II (G) of this Annual Report.
- Power costs were evaluated and adjusted to represent current cost.

Worksheet 1, No. II

Power costs were evaluated and adjusted to represent current cost.

Worksheet 1, No III

No Changes.

Worksheet 1, No IV – VI

No Changes.

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Worksheet 1, Nos. VII, VIII & Summary

No changes

Worksheet 2a

• The License Site cost for Disposal Cost (\$/ton) and Unloading Cost (per shipment) were adjusted to remove the inflation factor and reflect actual contract pricing with 11e2 disposal contractor.

Worksheet 2b

• The License Site cost for Unloading Cost (per shipment) were adjusted to remove the inflation factor and reflect actual contract pricing with 11e2 disposal contractor.

Worksheet 3

No Changes

Worksheet 4

- The cost of bentonite chips was updated to reflect actual cost.
- The number of monitor wells in Production Area #2, planned now for 2015 was reduced to 48 monitor wells to more accurately reflect the number planned for installation in the coming year. The number accounts for monitoring ring, overlying, underlying, and production zone monitoring wells.
- Costs for delineation drilling were added to this sheet. Uranerz will utilize a rolling surety with the delineation drilling.

Worksheet 5, No. I

- Last year Uranerz adjusted the number of wells to reflect the number of wells for eight header houses. Monitor wells were included in that cost. Monitor wells are free standing wells that are not piped in like the injection and recovery wells. Therefore, the monitor wells were removed reducing the total number of wells to 437.
- The reduction in wells resulted in a reduction in the quantity of the feeder lines from HH to injection wells. Pregnant solution feeder lines from production wells were also reduced.
- The total length of feeder line trench (Ft) was adjusted to account for eight header houses versus twelve as was initially planned.

Worksheet 5, No. II

No changes.

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Worksheet 5, No. III

No changes.

Worksheet 5, No. IV

No changes.

Worksheets 6, No. I and Nos. II & III

- No. I. no changes.
- No. II
- o Affected Area (Acres) was adjusted for eight header houses instead of
- The cost of spill cleanup was updated to include and account for acreage that may need to be cleaned during decommissioning.
- No III, no changes.

Worksheet 6, Nos IV & V

No. IV – added area for 11e2 Byproduct storage area at a thickness of six inches.

Worksheet 7, Nos. I-VII

- Nos. I-IV no changes.
- No. V 50 feet of culvert was added.
- Nos. VI-VII no changes.

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Surety Estimate 2014 Review

Nichols Ranch In-Situ Recovery Project Uranerz Energy Corporation

Total Restoration and Reclamation Cost Estimates

No.	Cost Item	Cost
1	GROUNDWATER RESTORATION COST	\$3,080,631
2a	PLANT EQUIPMENT REMOVAL AND DISPOSAL COST	\$269,591
2b	BUILDING DEMOLITION AND DISPOSAL COST	\$994,401
3	SOIL REMOVAL & DISPOSAL COST	\$119,145
4	TOTAL WELL ABANDONMENT COST	\$483,014
5	WELLFIELD EQUIPMENT REMOVAL & DISPOSAL COST	\$268,504
6	TOPSOIL REPLACEMENT & REVEGETATION COST	\$133,028
7	MISCELLANEOUS RECLAMATION COST	\$4,470
	Subtotal Restoration and Reclamation Cost Estimate	\$5,352,784
	CONTINGENCY (Miscellaneous & Unknown) (25%)	\$1,338,196
	Project Design	
	Contractor Profit, Overhead and Mobilization	
ŀ	Pre-Construction Investigation	
	Project Management	
	On-Site Monitoring	
	Longterm Administration & Licenses/Permits	1
	Site Security & Liability Assurance	
	TOTAL CALCULATED IN 2014 DOLLARS	\$6,690,980

US DEPT. of CONSUMER PRICE INDEX ADJUSMENT 2007 to 2013 12.35% US DEPT. of CONSUMER PRICE INDEX ADJUSMENT 2009 to 2013 8.59%

Worksheet 1, No. I --GROUNDWATER RESTORATION

Cost Hom	Mining Unit Nichols#1	Notes
Cost Item	NICHOIS#1	Notes
Technical Assumptions	4 00 4 400	
Wellfield Area (Ft ²) Wellfield Area (Acres)	1,034,433	44.14 Ac at Nichols Ranch Unit Production Area #1 (8 HH)
Affected Ore Zone Area (Ft²) Avg Completed Thickness (Ft)	1,034,433 10	
Factor for Flare	1.45	
Affected Volume:	14,999,282	
Porosity	0.3	
Gallons per Cubic Foot	7.48	
Gallon per Pore Volume	33,658,389	
Number of Wells in Unit(s)		
Recovery Wells		Recovery Wells for 8 Header Houses
Injection Wells		Injection Wells for 8 Header Houses
Monitor Wells		Monitoring Ring, Overlying, Underlying & Production Wells
Average Well Spacing (Ft)	100	
Average Well Depth (Ft)	550	
Groundwater Sweep A. Plant & Office		
Operating Assumptions:		
Flowrate (gpm)	50	17-17
PV's Required	1.00	
Total Gallons for Treatment	33,658,389	
Total Kgals for Treatment	33,658	
Cost Assumptions:		
Avg Connected Hp	15	
Kwh's/Hp	0.93	
\$/Kwh		\$.02 plus demand charges per quote
Gallons per Minute	50	
Gallons per Hour	3000	
Cost per Hour	\$0.79	
Cost per Kgal (\$)	\$0.26	
Chemicals		
Barium Chloride (\$/Kgals)	\$0.000	
Antiscalent (\$/Kgals)	\$0.000	
Elution (\$/Kgals)	\$0.000	Costs from operating ISR facility experience (Cogema Permit No 478, Annual Report 2002-2003), plus cpi
Repair & Maintenance (\$/Kgals)	\$0.009	Costs from operating ISR facility experience (Cogema
Analysis (\$/Kgals)	\$0.184	Permit No 478, Annual Report 2002-2003), plus cpi
Total Cost per Kgal	\$0.51	
Total Treatment Cost	\$17,324	
Utilities		
Power (\$/Month)	1,800	Adjusted to actual cost
Propane (\$/Month)	330	Adjusted to actual cost
Time for Treatment		
Minutes for Treatment	673 <u>,1</u> 68	
Hours for Treatment	11,219	
Days for Treatment	467	
Average Days per Month	30	
Months for Treatment	15.6 1.30	
Years for Treatment	1.30 \$33,191	
Utilities Cost (\$) TOTAL PLANT & OFFICE COST	\$50,515 \$50,515	
B. WELLFIELD		<u> </u>
Cost Assumptions:		
Power		
Avg Flow/Pump (gpm) Avg Hp/Pump	1.5	
Avg # of Pumps Required	50	
Avg Connected Hp	75	
Kwh's/Hp \$/Kwh	0.93	
Gallons per Minute	50	
Gallons per Minute Gallons per Hour	3000	
Costs per Hour (\$)	\$3.93	
Costs per Hour (\$) Costs per Gallon (\$)	\$0.0013	
Costs per Galloff (\$)	\$1.31	
Repair & Maintenance (\$/Kgals)	\$0.02	
	Ţ3.0Z	
	\$1.33	
Total Cost per Kgal TOTAL WELLFIELD COST	\$1.33 \$44,683	

Worksheet 1, No. II GROUNDWATER RESTORATION

	Mining Unit	
Cost Item	Nichols #1	Notes
II REVERSE OSMOSIS (RO)		
A. PLANT & OFFICE		
Operating Assumptions:		
Flowrate (gpm)	50	
PV's Required	6	
Total Gallons for Treatment	201,950,336	
Total Kgals for Treatment	201,950	
Feed to RO (gpm)	50	
Permeate Flow (gpm)	40	
Brine Flow (gpm)	10	
Average RO Recovery	80%	
Cost Assumptions:		
Power		
Avg Connected Hp	15	
kWh/Hp	0.93	· · · · · · · · · · · · · · · · · · ·
\$/Kwh		\$.02 plus demand charges per quote
Gallons per Minute	50	V.OZ PIGO GOTTANO ONANGOO POT QUOTO
Gallons per Hour	3000	
Cost per Hour (\$)	\$0.79	
Cost per Hour (\$)	\$0.0003	
Cost per Galloff (\$)	\$0.003	
Cost per kgar (\$) Chemicals	Φ υ.20	
RO Antiscalent (\$/Kgallons)	en 100	Costs from GE Water & Process Technologies - Uranerz Cost
Hydrochloric Acid (\$/Kgals)		Uranerz cost
Hydrochione Acid (\$/Kgais)	\$0.01	
Deducted Outs to (OK) ata		Costs from operating ISR facility experience (Cogema Permit
Reductant Sulfide (\$Kgals)	\$0.330	No 478, Annual Report 2002-2003), plus cpi
D 101111	1	Costs from operating ISR facility experience (Cogema Permit
Repair & Maintenance (\$/Kgals)	\$0.313	No 478, Annual Report 2002-2003), plus cpi
		Costs from operating ISR facility experience (Cogema Permit
Sampling & Analysis (\$/Kgals)		No 478, Annual Report 2002-2003), plus cpi
Total Cost per Kgal (\$)	\$1.28	
Total Pumping Cost (\$)	\$258,242	
Utilities		
Power (\$/Month)		Adjusted to actual cost
Propane (\$/Month)		Uranerz actual cost
Time for Treatment	0	
Minutes for Treatment	4,039,007	
Hours for Treatment	67,317	
Days for Treatment	2,805	
Average Days per Month	30	
Months for Treatment	92	
Utilities Cost (\$)	\$196,525	
TOTAL PLANT & OFFICE COST	\$454,767	
B. WELLFIELD		
Cost Assumptions:	j	
Power		
Avg Flow/Pump (gpm)	1	
Avg Hp/Pump	1.5	
Avg # of Pumps Required	50	
Avg Connected Hp	75	
Kwh's/Hp	0.93	
\$/Kwh	0.06	
Gallons per Minute	51	
Gallons per Hour	3060	
Costs per Hour (\$)	\$3.93	
Costs per Gallon (\$)	\$0.0013	
Costs per Kgal (\$)	\$1.28	
Repair & Maintenance (\$/Kgals)	\$0.02	
Total Cost per Kgal	\$1.30	
TOTAL WELLFIELD COST	\$262,915	
TOTAL WELLFIELD COST	\$717,682	
	1 4111,002	I .

Worksheet 1, No III --GROUNDWATER RESTORATION

	Mining Unit	
Cost Item	Nichols #1	Notes
III Deep Disposal Well (DDW)		
Operating Assumptions:		
Total Disposal Requirement		
RO Brine Total Gallons	40,390,067	
RO Brine Total Kgallons	40,390	
Brine Concentration Factor	1	
Total Concentrated Brine (gallons)	40,390,067	
Months of RO Operation	16	
Average Monthly Reqm't (Gallons)	2,592,000	
Average Brine Flow (gpm)	60	
Total DDW Disposal (gallons)	40,390,067	
Total DDW Disposal (Kgallons)	40,390	
Cost Assumptions:		
Avg Connected Hp	15	
Kwh's/Hp	0.93	
\$/Kwh	0.06	Cost plus cpi
Gallons per Minute	60	
Gallons per Hour	3600	
Cost per Hour (\$)	\$0.79	
Cost per Gallon (\$)	\$0.0002	
Cost per Kgal (\$)	\$0.22	
Chemicals		
RO Antiscalent (\$/Kgallons)		Costs from GE Water & Process Technologies - Uranerz Cost
DDW Antiscalent (\$/Kgallons)	\$0.160	Costs from GE Water & Process Technologies - Uranerz Cost
		Costs from operating ISR facility experience (Cogema Permit
Repair & Maint. (\$/Kgallons)	\$0.258	No 478, Annual Report 2002-2003), plus cpi
Total Cost per Kgallon	\$0.817	
TOTAL DEEP DISPOSAL WELL COST	\$32,985	

Worksheet 1, Nos. IV & VI --GROUNDWATER RESTORATION

	Mining Unit						
Cost Item	Nichols #1	Lab	or Cost Fac	tors	Notes		
IV RESTORATION MONITORING Operating Assumptions: Time of Restoration (months) Frequency of Analysis (months) Quantity of Monitoring Wells Total Sets of Analysis Cost per Event Total Sampling & Analysis Cost (\$)	24 2 55 12 \$30 \$19,800				Monitoring Ring, Overlying & Underlying Wells Only Quote from Energy Laboratories		
V STABILIZATION MONITORING Operating Assumptions: Time of Stabilization (months) Frequency of Analysis (months) Total Sets of Analysis Frequency of Analysis (months) Total Sets of Analysis Cost Assumptions: Power (\$/Month) Total Power Cost Quantity of Monitoring Ring Wells Quantity of Production Monitoring Wells Cost per Event Sampling & Analysis (each set) Total Sampling & Analysis Cost (\$) Utilities (\$/Month) Total Utilities Cost (\$) TOTAL STABILIZATION COST	12 2 6 4 3 \$0 \$0 32 13 \$371 \$16,684 \$150,156 \$0 \$0 \$150,156				Monitoring Ring Wells Only Monitoring Ring Wells Only Production Monitoring Wells Only Production Monitoring Wells Only No add'l power required to sample Monitoring Ring Wells Only Production Monitoring Wells Only Quote from Energy Laboratories No add'l utilities required to sample		
VI LABOR Cost Assumptions; Crew: 1. Supervisor 2. Operators 3. Maintenance 4. Vehicles Cost per Year Time Required - Years TOTAL RESTORATION LABOR COST	No. 1 4 2 2 2 5.02 \$1,848,163	Cost/Hour 29 22 20 10		\$183,040 \$83,200			

Worksheet 1, Nos. VII, VIII & Summary -- GROUNDWATER RESTORATION

GROUNDWATER RESTORATION	Mining Unit	
Cost Item	Nichols #1	Notes
VII RESTORATION CAPITAL REQUIREMENTS		
I Deep Disposal Well(s) II Plug and Abandon DDW III Reverse Osmosis Unit TOTAL RESTORATION CAPITAL REQUIREMENTS	\$108,323	\$96,416 price required by UIC 10-392 Permit, plus cpi Already in Processing Plant
VIII RESTORATION OF EXCURSION WELLS I Shallow Sand Well(s) Total Wells in Excursion Cost of Clean-Up Total Shallow Sand Cleanup II Ore Zone Wells Total Wells in Excursion Cost of Clean-Up Total Ore Zone Cleanup III Deep Zone Wells Total Wells in Excursion Cost of Clean-Up Total Ore Zone Cleanup Total Wells in Excursion Cost of Clean-Up Total Deep Zone Cleanup TOTAL WELLFIELD COST TOTAL EXCURSION CLEANUP COST	0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	
SUMMARY: I GROUNDWATER SWEEP II REVERSE OSMOSIS (RO) III DEEP DISPOSAL WELL IV RESTORATION MONITORING V STABILIZATION MONITORING SUB TOTAL VI LABOR VII RESTORATION CAPITAL REQUIREMENTS VIII RESTORATION OF EXCURSION WELLS TOTAL GROUNDWATER RESTORATION COST	\$95,198 \$717,682 \$32,985 \$19,800 \$150,156 \$1,015,821 \$1,848,163 \$216,647 \$0 \$3,080,631	

Worksheet 2 a PLANT EQUIPMENT REMOVAL AND DISPOSAL

		Nichols Mine Unit								
	Office	Main Office & Process Maintenance Resin + Sand External Houses, Deep Well								
Cost Item	Laboratory	Building	Building	Filter Media	Tanks	Manifold	Bldgs	Sub Total	Notes	
						Ů				
Volume (Yds³)	40	200	45	110	109	170	10			
Quantity per Truck Load (Yds ³)	20	20	20	20	20	20	20			
Number of Truck Loads	2	10	2.25	5.5	5.45	8.5	0.5			
I Decontamination Cost										
Decontamination Cost (\$/Load)	674.1	674.1	674.1	674.1	674.1	674.1	674.1			
Percent Requiring Decontamination	20%	100%	20%	0%	50%	100%	100%			
Total Cost	\$270	\$6,741	\$303	\$0	\$1,837	\$5,730	\$337			
Il Dismantle and Loading Cost										
Cost per Truck Load (\$)	\$899	\$899	\$899	\$899	\$899	\$899	\$899			
Total Cost	\$1,798	\$8,988	\$2,022	\$4,943	\$4,898	\$7,640	\$449			
III Oversize Charges										
Percent Requiring Permits	40%	40%	40%	0%	50%	40%	40%			
Cost per Truck Load (\$)	\$449	\$449	\$449	\$449	\$449	\$449	\$449			
Total Cost	\$360	\$1,798	\$404	\$0	\$1,225	\$1,528	\$90			
IV Transportation & Disposal										
A. Landfill										
Percent to be Shipped	90%	80%	90%	0%	100%	80%	80%			
Distance (Miles)	75	75	75	75	75	75	75			
Transport Cost (\$/Ton-Mile)	\$0.17	\$0.17	\$0.17	\$0.17	\$0.17	\$0.17	\$0.17	-		
Transportation Cost	\$491	\$2,184	\$553	\$0	\$1,488	\$1,856	\$109			
Disposal Fee per Cubic Yard	\$69	\$69	\$69	\$69	\$69	\$69	\$69			
Disposal Cost	\$2,467	\$10,965	\$2,776	\$0	\$7,470	\$9,321	\$548			
Total Cost	\$2,959	\$13,149	\$3,328	\$0	\$8,958	\$11,177	\$657			
B. Licensed Site	1				<u>-</u> -					
Percent to be Shipped	10%	20%	10%	100%	0%	20%	20%			
Distance (Miles)	646	646	646	646	646	646	646		·	
Transport Cost (\$/Ton-Mile)	\$0.17	\$0.17	\$0.17	\$0.17	\$0.17	\$0.17	\$0.17			
Transport Cost	\$2,791	\$27,907	\$3,140	\$76,745	\$0	\$23,721	\$1,395			
Disposal Cost (\$/Ton)	\$135	\$150	\$150	\$180	\$150	\$150	\$150		Based on Contract Prices	
Quantity per Truck Load (Yds ³)	20	20	20	20	20	20	20			
Quantity per Truck Load (Tons)	21.6	21.6	21.6	21.6	21.6	21.6	21.6		Based on avg 80lbs per cf	
Unloading Cost (per Shipment)	\$750	\$750	\$750	\$750	\$750	\$750	\$750		Based on Contract Prices	
Unloading Cost	\$150	\$1,500	\$169	\$4,125	\$0	\$1,275	\$75			
Disposal Cost	\$733,20	7,980	898	25,509	0	6,783	399			
Total Cost	\$3,524	\$35,887	\$4,037	\$102,254	\$0	\$30,504	\$1,794			
Total Cost	\$6,483	\$49,037	\$7,366	\$102,254	\$8,958	\$41,681	\$2,452			
TOTAL COST NICHOLS RANCH MINE	\$8,909	\$66,563	\$10,096	\$107,197		\$56,579	\$3,328	\$269,591		

Worksheet 2 b --

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			Haadas Hayaas 1		1		
Office &	Main Process	Maintenance	Header Houses, Manifold & Fuel	Personnel	Deep Disposal		
Laboratory	Building	Building	Island Pad	Interim Lodging	Well Bldgs.	Sub Total	Notes
[]	-						
90,000	1,188,000	144,000	2,585	800	2,302		
\$0.302	\$0.302	\$0.302	\$0.302	\$0.302	\$0.302		Demolition Unit Cost per WDEQ Guideline No.12, App. K (\$/f3) 201
							Caronio No. 12, 11pp. 11 (cms) 251
			1		1		
	_		0.25		0.25		
1							
\$311.09	40,737.01	3019.03	\$14.70	34.55	313.09		Demolition Unit Cost per WDEQ
			*** ***				Guideline No.12, App. K, Adjusted
							Cost per Unit 2013
1							
\$33,516	\$514,134	\$57,972	\$1,080	\$322	\$961	\$607,985	
1					ļ		
					ì		
							8 header houses @250 sq ft each,
9000	29700	8000	2517	0	408		manifold is 357 sq ft., fuel island is 160 sq ft
			1		1		
			I	0	408		
1			I	0			
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	•0.000	***	50.000	***	50.000		Decontamination by Steam Cleani
1			1 1				(137.5 ft2/hr) ECHOS Unit Cost Bo
\$0	\$4,747	\$0 !	\$40	\$0	\$130		Demolition Unit Cost per WDEQ
	i		1				Guideline No.12, App. K, Adjusted
			I				Cost per Unit 2013
\$53,557	\$176,737	\$47,606	\$14,978	\$0	\$2,428		
100%	75%	100%	75%	0%	75%		
\$0	\$0	\$0	\$0	\$0	\$0		
							Demolition Unit Cost per WDEQ Guideline No.12, App. K, Adjusted
\$9.00	\$9.00	\$9.00	\$9.00	\$9.00	\$9.00		Cost per Unit, 2013
\$1,500	\$4,951	\$1,334	\$420	\$0	\$136		1
0%	25%	0%	25%	0%	25%		
646	646	646	646	646	646		Ì
\$0.17	\$0.17	\$0.17	\$0.17	\$0.17	\$0.17		
1	1	l			!		
		l			l i		Based on Contract Prices
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1	1	l			1 1		
	l	l			1 1		
1		l				\$386.416	
450,557	**********	440,540	1		•••,-••	7000,410	
							i .
	90,000 \$0,302 \$27,169 41 0,1 \$2,717 21.6 1.9 75 \$0,17 \$511.89 \$76.98 \$3,117.67 \$33,516 9000 0.5 4500 652,500 326 0% 0 \$0,320 \$5,95 \$53,557 100% \$0,90 \$1,500 0% 646 \$0,17 \$0 \$135 \$750 \$0	Laboratory Building	Laboratory Building Building	Laboratory Building Building Island Pad	Laboratory	Laboratory Building Building Island Pad Interfm Lodging Weil Bidgs.	Laboratory Building Building Island Pad Interim Lodging Weil Bidgs Sub Total

Worksheet 3 SOIL REMOVAL & DISPOSAL

SOIL REMOVAL & DISPOSAL			Matala	Mine Unit			I
	Office &	Maia Desagn	Maintanana	Header Houses, Manifold & Fuel	Deep Disposal		
Cost Item	Laboratory	Main Process Building	Maintenance Building	Island Pad	Well Bldgs.	Sub Total	Notes
		×			, <u> </u>		
SOIL EXCAVATION, TRANSPORT & DISPOSAL	,						
Removal Under Building Footprints							
Excavation, Front End Loader	\$54	\$177	\$48	\$15	\$2		\$89.04/hr per WDEQ Guideline12 and 150 cy/hr
Quantity to be Shipped (Ft ³)	2,250	7,425	2,000		102	_	Assume removal of 3" of Contaminated So
Weight in Tons	112.5	371.25		-	5.1	· · · · · · · · · · · · · · · · · · ·	under Primary Areas, Disposal at a Licensed facility (ft3)
Quantity per Truck Load (Ton)	21.6	i		——————————————————————————————————————	21.6		Licerised racinty (113)
Number of Truckloads	5.2	17.2	4.6				
Distance (Miles)	646				646		
Transportation Unit Cost (Ton/Mile)	\$0.17	\$0.17	\$0.17		\$0.17		
Transportation Cost (Tort/Mile)	\$12,248		\$10,887	1			
Disposal Fee (\$/Ton)	\$12,246	1			\$150		Based on Contract Prices
Disposal Cost (\$)	\$16,875			!	\$765	\$93,047	
Unloading Cost (per Shipment)	\$750					553,047	Based on Contract Prices
Unloading Cost (per Shipment)	\$3,906	1	\$3,472	1		\$21,539	
Onloading Cost	\$3,900	\$12,091	33,472	31,092	3177	\$21,559	
Removal NPDES Pts.							
Quantity to be Shipped (Ft ³)	0	0	٥	۰ ا	٥ ا		Zero discharge facility
Weight in Tons	0				<u>~</u>		2510 distributes facility
Distance (Miles)	160					***	
Transportation Cost Ton/Mile	\$0.17	\$0.17	\$0.17	l	\$0.17	. –,	
Transportation Cost	\$0			1			
Disposal Fee (\$/Ton)	\$350				\$350	·	Based on Contract Prices
Disposal Cost	\$0						Dased of Contract 1 noos
Total NPDES Removal Cost	\$0				\$0	\$0	
TOTAL SOILS EXC., TRANSPORT & DISPOSAL	\$20,781	\$68,578	\$18,472	\$5,812	\$942	\$114,586 	
RADIATION SURVEY	}	}		1			
Area Required (Acres)	0.21	0.68	0.18	0.06	0.01		
Survey Cost (\$/Acre)	\$674	\$674	\$674	\$674	\$674		
Number of Structures	1	1	1	8	4		
Cost per Structure (\$)	\$253	\$253	\$253	\$253	\$253		
TOTAL RAD SURVEY COST	\$392				\$1,017	\$3,542	
TOTAL SOIL REMOVAL & DISPOSAL COST	\$21,1 7 3	\$69,291	\$18,849	\$7,873	\$1,960	\$119,145	

Worksheet 4 --Well and Delineation Hole Abandonment

		Mining				
Cost Item	N	ichols #1	Nichols #2	Sub Total	Notes	
					Includes injection, recovery and monitor wells. See Worksheet 1, No.1, Plus 1 Plant water well	
Number of Wells		507	48		and 1 domestic well.	
Average Depth (ft)		550	550			
Average Diameter (inch)		5	5			
Area of Annulus (ft ²)		0.1364	0.1364			
Materials			- 110			
Bentonite Chips Required (Ft³/Well)		40.9	40.9		300 feet of clay above water	
Bags of Chips Required/Well		55	55			
Cost per Bag (\$)		\$5.30	\$5.30		Actual Cost	
Cost/Well Bentonite Chips		\$292	\$292			
Gravel Fill Required (Ft ³ /Well)		\$34	\$34		Avg depth less 300 feet filled w/ gravel	
Cost of Gravel/Yd3		\$22	\$22		Uranerz Cost plus cpi	
Cost/Well Gravel Fill		\$28	\$28			
Cement Cone/Markers Reg'd/Well		1	1			
Cost of Cement Cones Markers		\$6.74	\$6.74		Actual Cost plus cpi	
Total Materials Cost per Well		\$327	\$327			
Labor						
Hours Required per Well		2	2			
Labor Cost per Hour		\$79	\$79			
Total Labor Cost per Well		\$157	\$157			
Equipment Rental						
Hours Required per Well		1	1			
Backhoe w/Operator Cost/Hr		\$67	\$67			
Total Equipment Cost per Well		\$67	\$67			
Total Cost per Well		\$551	\$551			
WELL ABANDONMENT COST		\$279,514	\$26,463	\$305,977		
Number of Delineation Drill Holes		100				
Average Depth (ft)		675				
Sealing Drill Hole (ft)	\$	3.00			Guideline 12 App. L Costs	
Site Grading/Contouring (per site)	\$	50.00			Guideline 12 App. L Costs	
Capping - precaste concrete cap (ea)	\$	10.00			Guideline 12 App. L Costs	
Cost Per drill hole		2,025.00				
Mobilization	\$	1,000.00			Guideline 12 App. L Cost	
Delineation Drill Hole Abandonment		\$203,500				
TOTAL WELL & DELINEATION ABANDONMENT COST		\$483,014				

Worksheet 5, No. I --WELLFIELD EQUIPMENT REMOVAL & DISPOSAL

	Mining Unit	
Cost Item	Nichols #1	Notes
Wellfield Piping		
A. Removal		
		Includes injection and recovery wells. See
Total Number of Wells	437	Worksheet 1, No.1
Feeder lines from HH to Injection wells 1" HDPE (Ft)	47,707	8 header houses
Pregnant solution feeder lines from production wells to HH 1" HDPE (Ft)	33,618	8 header houses
Total Quantity of 1" HDPE Piping (Ft)	81,325	
Plastic Volume (Ft³)	266 70	Thickness Based on WL Plastics Corp PSI 160 (R1=.05479', R2=.04425')
Chipped Volume Assuming 30% Void Space (Ft ³)	346.71	100 (111 101120)
	1	
Disposal Weight (tons)	13.87	
		Based on 20 cy per truckload and 80lbs pe
Quantity per Truck Load (Tons)	21.6	cf
Total Number of Truck Loads	1	
		Includes Shared Trenches - 8 header
Total Length of Feeder line Trench (Ft)	27,177	houses
Pipeline Removal Unit Cost (\$/ft of trench)	\$2.53	Quote - Jordan Construction, plus cpi
Total Cost for Trunkline Removal	\$68,699	
Total Cost - Removal	\$68,699	
B. Survey & Decontamination	***************************************	
B. Currey & Decommendation		No survey or decon needed. Total volume
Parcent Paguiring Decentemination		to disposal
Percent Requiring Decontamination Loads for Decontamination	- ×	to disposal
	0074	
Cost for Decontamination (\$/Load)	\$674	
Cost for Decontamination	\$0	
C. Transport & Disposal	ļ	
1.) Landfill		
a. Transportation		
Percent to be Shipped	0%	
Loads to be Shipped		
Distance (Miles)	75	
Transportation Cost (Ton/Mile)	\$0.17	
Transportation Cost	\$0	
b. Disposal		
Disposal Fee per Yd ³	\$69	
Yds³ per Load	20	
Disposal Cost	\$0	
Total Cost - Landfill	\$0	
	1 20	
2.) Licensed Site		
a. Transportation		
Percent to be Shipped	100%	
Loads to be Shipped	<u> 1</u>	
Tons to be Shipped	13.87	
Distance (Miles)	646	
Transportation Cost Ton/Mile	\$0.17	
Transportation Cost	\$1,510	
b. Disposal		
Disposal Fee per ton	\$150	Based on Contract Prices
Disposal Cost	\$2,080	
Unloading Cost (per Shipment)		Based on Contract Prices
Unloading Cost	\$750	
Total Cost - Licensed Site	\$4,340	
Total Cost - Transport & Disposal	\$4,340	
otal Cost - WF Piping Removal & Disposal		
otal Cost - WF Fibing Removal & Disposal	\$73,039	1

Worksheet 5, No. II WELLFIELD EQUIPMENT REMOVAL & DISPOSAL

	Mining Unit			
Cost Item	Nichols #1	Notes		
Production Well Pumps				
A. Pump and Tubing Removal				
Number of Production Wells	207	From Worksheet 1 No I.		
Cost of Removal (\$/well)	\$45			
Cost of Removal	\$9,303			
Number of Pumps per Truck Load	180			
Number of Truck Loads (Pumps)	1.15			
Weight of Pumps		Assume 20 T per truck		
B. Survey & Decontamination (Pumps)				
Percent Requiring Decontamination	50%			
Loads for Decontamination	0.58			
Cost for Decontamination (\$/Load)	\$674			
Cost for Decontamination	\$388			
C. Tubing Volume Reduction & Loading	Ψ300			
Length per Well (Ft)	300			
Lengur per vveii (Ft)	300	Thickness Based on WL Plastics Corp		
Total Quantity (Ft³)	202.7	PSI 160 (R1=.05479', R2=.04425')		
		1 100 (N 100478, NZ04425)		
Chipped Volume Assuming 30% Void Space (Ft³)	264.7			
Cost of Removal (\$/Ft)	\$0.03			
Cost of Removal	\$10.11			
Quantity per Truck Load (Ft ³)	540			
Number of Truck Loads	0.38			
D. Transport & Disposal				
1.) Landfill				
a. Transportation				
Percent to be Shipped (Pumps)	50%			
Loads to be Shipped	0.6			
Distance (Miles)	75			
Transportation Ton/Mile	\$0.17			
Transportation Cost	\$157			
b. Disposal				
Disposal Fee per Yd ³	\$69			
Yds³ per Load				
	20 \$788			
Disposal Cost				
Total Cost - Landfill	\$945			
2.) Licensed Site	ļ			
a. Transportation				
Percent to be Shipped (Pumps)	50%			
Percent to be Shipped (Tubing)	100%			
Loads to be Shipped	0.95			
Distance (Miles)	646			
Transportation Ton/Mile	\$0.17			
Transportation Cost	\$2,239			
b. Disposal				
Disposal Fee per ton	\$150			
Disposal Cost		Based on Contract Prices		
Unloading Cost (per Shipment)	\$750	Based on Contract Prices		
Unloading Cost	\$714			
Disposal Cost	\$864			
Total Cost - Licensed Site	\$3,103			
10,				
Total Cost - Transport & Disposal	\$4,048	1		

Worksheet 5, No. ill WELLFIELD EQUIPMENT REMOVAL & DISPOSAL

Cont House	Mining Unit Nichols #1	Natas
Cost Item	NICHOIS#1	Notes
Buried Trunkline		
A. Removal		
Trunk lines from Resin Plant to HH 8" HDPE Pipe (Ft)	38,473	
Pregnant solution trunk lines form HH to Resin Plant 8" HDPE Pipe (Ft)	38,473	
Total Quantity of 8" HDPE Piping (Ft)	76,946	
Total Quality of a Tible 2 Tiping (Ft)	7 5,5 15	Thickness Based on WL
		Plastics Corp PSI 160
Plastic Volume (Ft ³)	51,906	(R1=.7188', R2=.5494')
Chipped Volume Assuming 30% Void Space (Ft ³)	67,478	<u> </u>
Disposal Tons		8.315lb/ft per WL Plastics
Quantity per Truck Load (Tons)	21.6	
Total Number of Truck Loads	15	****
Total Length of Trunkline Trench (Ft)	38,473	
Pipeline Removal Unit Cost (\$/Ft of trench)		Quote Jordan Construction
Total Cost for Trunkline Removal	\$97,255	
B. Survey & Decontamination	ψοι,200	
b. Guivey & Decontamination	-	No survey or decon needed
		Total volume to low level
Percent Pequiring Decentamination	۸ ا	disposal
Percent Requiring Decontamination Loads for Decontamination	1 0	uisposai
Cost for Decontamination (\$/Load)	\$674	
Cost for Survey & Decontamination	\$0	
C. Transportation & Disposal	\$0	
1.) Landfill		
a. Transportation	-	
Percent to be Shipped	0%	
	0 0 0	
Loads to be Shipped Distance (Miles)	75	
Transportation Cost per Ton/Mile	\$0.17	
Transportation Cost per Formine Transportation Cost	\$0.17	
	- 	
b. Disposal	#00	
Disposal Fee per Yd ³	\$69	
Yds ³ per Load	20	1
Disposal Cost	\$0	
Total Cost - Landfill	\$0	
2.) Licensed Site		
a. Transportation		
Percent to be Shipped	100%	
Loads to be Shipped	15	
Tons to be Shipped	319.90	
Distance (Miles)	646	
Transportation Ton/Mile	\$0.17	
Transportation Cost	\$34,827	
b. Disposal		
Disposal Fee per ton		Based on Contract Prices
Disposal Cost	\$47,985	
Unloading Cost (per Shipment)		Based on Contract Prices
Unloading Cost	\$11,250	
Total Cost - Licensed Site	\$82,812	
Total Cost Transportation & Disposal	\$82,812	
otal Cost - Buried Trunkline Removal & Disposal	\$180,067	
	i	1

Worksheet 5, No. IV

WELLFIELD EQUIPMENT REMOVAL & DISPOSAL

Cost Item	Mining Unit	Notes
	Nichols #1	
V Manholes		
A. Removal		
Total Quantity	6	
Cost of Removal (\$ Each)	\$ 139.12	
Total Cost of Removal (\$)	\$ 834.72	
Disposal Tons	3.19	
A T T		Based on 20 cy per truckload and
Quantity per Truck Load (Tons)		80lbs per cf
Total Number of Truck Loads	0.28	
5.6.45		No survey or decon needed. Total
B. Survey & Decontamination		volume to low level disposal
Percent Requiring Decontamination	0%	
Loads for Decontamination	0	
Cost for Decontamination (\$/Load)	\$652	· · · · · · · · · · · · · · · · · · ·
Cost for Survey & Decontamination	\$0	
C. Transportation & Disposal		
1.) Landfill		
a. Transportation		
Percent to be Shipped	0%	
Loads to be Shipped	0	L
Distance (Miles)	75	L
Transportation Cost per Ton/Mile	\$0.16	
Transportation Cost	\$0	
b. Disposal		
Disposal Fee per Yd ³	\$66	
Yds ³ per Load	20	
Disposal Cost	\$0	
Total Cost - Landfill	\$0	
2.) Licensed Site		
a. Transportation		
Percent to be Shipped	100%	
Loads to be Shipped	0.28	-l
Tons to be Shipped	3.19	
Distance (Miles)	646	
Transportation Ton/Mile	\$0.16	<u> </u>
Transportation Cost	\$336	
b. Disposal		
Disposal Fee per ton	\$150	
Disposal Cost	\$479	
Unloading Cost (per Shipment)	\$750	
Unloading Cost	\$208	
Total Cost - Licensed Site	\$814	
Total Cost Transportation & Disposal	\$814	
otal Cost - Removal & Disposal	\$1,649	
OTAL WELLFIELD EQUIPMENT REMOVAL & DISPOSAL C	OST \$268,504	

Worksheet 6, No. I TOPSOIL REPLACEMENT & REVEGETATION

	Mining Unit	
Cost Item	Nichols #1	Notes
December of Office Duilding		
Process Plant and Office Building		
A. Topsoil Handling & Grading		Dis. (-1-1-475) 475)
Affected Area (Acres)	5.2	Plant site is 475' by 475'
Average Affected Thickness (Inch)	6	
Topsoil Volume (Yds ³)	4,178	
		Price from Dragstrip Soil Cover Project MT,
Unit Cost (\$/Yds³)	\$6	plus cpi
Sub Total - Topsoil	\$23,471	
B. Radiation Survey & Soil Analysis		
Unit Cost (\$/Acre)	\$674	
Sub Total - Survey & Analysis	\$3,492	
C. Revegation		
		Price from Dragstrip Soil Cover Project MT,
Fertilizer (\$/Arec)	\$260.65	plus cpi
		Price from Dragstrip Soil Cover Project MT,
Seeding Prep & Seeding (\$/Acre)	\$255.03	plus cpi
	<u> </u>	Price from Dragstrip Soil Cover Project MT,
Mulching & Crimping (\$/Acre)	\$112.35	plus cpi
Sub Total Cost/Acre	\$628.04	
Sub Total Revegation TOTAL PLANT AND OFFICE BUILDING	\$3,253	
TOTAL PLANT AND OFFICE BUILDING		
TOPSOIL REPLACEMENT & REVEG COST	\$30,216	

Worksheet 6, Nos. II & III TOPSOIL REPLACEMENT & REVEGETATION

TOPSOIL REPLACEMENT & REVEGETATION	Mining Unit	
Cost Item	Nichols #1	Notes
II Wellfields		
A. Topsoil Handling & Grading		
		Equals trench length times 12 feet wide -
Affected Area (Acres)	12	8header houses
Average Affected Thickness (Inch)	6	
Topsoil Volume (Yds ³)	9,726	
		Price from Dragstrip Soil Cover Project MT, plus
Unit Cost - Haul/Place/Grading (\$/Yds ³)	\$5.62	
Sub Total - Topsoil	\$54,635	
B. Radiation Survey & Soil Analysis	A	
Unit Cost (\$/Arec)	\$674	
Sub Total - Survey & Analysis	\$8,128	
C. Spill Cleanup		-1
Affected Acces (Acces)	0.00	calculated that 10% of the affected acreage may
Affected Area (Acres)		require cleanup
Affected Area (Ft²)	2614	
Affected Area Thickness (Ft)	0.25	
Affected Volume (Ft ³)	653.4	
Quantity per Truckload (Ft ³)	540	
Quantity to be Shipped (Loads)	1.21	
Distance (Miles)	646	
Transportation Cost per Ton/Mile	\$0.17	
Transportation Cost	\$2,845	
Handling Cost (\$/Load)	\$200	
Handling Cost	\$242	
Disposal Fee (\$/Ton)	\$350	
Disposal Cost	\$9,148	
Sub Total - Spill Cleanup	\$12,235	
D. Revegation		
Fertilizer (\$/Acre)		Price from Dragstrip Soil Cover Project MT
Seeding Prep & Seeding (\$/Acre)		Price from Dragstrip Soil Cover Project MT
Mulching & Crimping (\$/Acre)		Price from Dragstrip Soil Cover Project MT
Sub Total Cost/Acre	\$628.04	
Sub Total Revegation	\$7,610	
Sub Total - Wellfields	\$82,607	
TOTAL WELLFIELDS COST	\$82,607	
III Roads		
A. Topsoil Handling & Grading	344	2500 foot by 60 foot wide
Affected Area (Acres)	3.44	2500 feet by 60 feet wide
Average Affected Thickness (Ins)	1 2	
Topsoil Volume (Yds³)	2,778	
Unit Cost - Haul/Place/Grading (\$/cy)	\$5.62 \$15,604	Price from Dragstrip Soil Cover Project MT
Sub Total - Topsoil	\$15,604	
B. Radiation Survey & Soil Analysis Unit Cost (\$/Ac)	\$674	
Sub Total - Survey & Analysis	\$2,321	
C. Revegation	φ2,321	
Fertilizer (\$/Ac)	\$261	Price from Dragstrip Soil Cover Project MT
Seeding Prep & Seeding (\$/Ac)		Price from Dragstrip Soil Cover Project MT
Mulching & Crimping (\$/Ac)		Price from Dragstrip Soil Cover Project MT
Sub Total Cost/Acre	\$628	
Sub Total Revegation	\$2,163	
Sub Total - Roads	\$20,088	
TOTAL ROADS COST	\$20,088.11	

Worksheet 6, Nos IV & V TOPSOIL REPLACEMENT & REVEGETATION

	Mining Unit	
Cost Item	Nichols #1	Notes
IV Other		
A. Topsoil Handling & Grading		
Affected Area (Acres)	0.02	11e2 Byproduct staging area
Average Affected Thickness (Inch)	6	
Topsoil Volume (Yds ³)	16	
Unit Cost - Haul/Place/Grading (\$/Acre)	\$5.62	Price from Dragstrip Soil Cover Project MT
Sub Total - Topsoil	\$91	
B. Radiation Survey & Soil Analysis		
Unit Cost (\$/Acre)	\$674	
Sub Total - Survey & Analysis	\$13	
C. Revegation		
Fertilizer (\$/Ac)		Price from Dragstrip Soil Cover Project MT
Seeding Prep & Seeding (\$/Acre)		Price from Dragstrip Soil Cover Project MT
Mulching & Crimping (\$/Acre)		Price from Dragstrip Soil Cover Project MT
Sub Total Cost/Acre	\$628.04	
Sub Total Revegation	\$13	
Sub Total - Other	\$117	
TOTAL OTHER COST	\$117	
V Remedial Action		
A. Topsoil Handling & Grading		
Affected Area (Acres)	0	Assume no spills
Average Affected Thickness (Inch)	3	Assume no spins
Topsoil Volume (Yds ³)	5	
Topsoli Volume (108)		
Unit Cost - Haul/Place/Grading (\$/Yds³)	\$5.62	Price from Dragstrip Soil Cover Project MT
Sub Total - Topsoil	\$3.02	Trice from Dragstrip doll Gover Froject Wit
B. Radiation Survey & Soil Analysis	40	
Unit Cost (\$/Acre)	\$674	
Sub Total - Survey & Analysis	\$0	
C. Revegation	<u>~~</u>	
Fertilizer (\$/Acre)	\$260.65	Price from Dragstrip Soil Cover Project MT
Seeding Prep & Seeding (\$/Acre)		Price from Dragstrip Soil Cover Project MT
Mulching & Crimping (\$/Arec)		Price from Dragstrip Soil Cover Project MT
Sub Total Cost/Acre	\$628.04	
Sub Total Revegation	\$0	
TOTAL REMEDIAL ACTION	\$0	
TOTAL TOPSOIL REPLACEMENT &		
REVEGETATION COST (Total of 7I through 7V)	\$133,028	
	\$100,020	
	<u> </u>	

Worksheet 7, Nos I - VII MISCELLANEOUS RECLAMATION

		Mining Unit	
	Cost Item	Nichols #1	Notes
ļI	Fence Removal & Disposal		
	Quantity (Ft)	8,558	
	Cost of Removal/Disposal (\$/Ft)	&U 30	Demolition Unit Cost per WDEQ Guideline No.12, App. H, 2013
	Cost of Removal/Disposal (\$)	\$3,338	1
lu .	Powerline Removal & Disposal	ψ5,550	,
''	l owerine Kemovai & Disposai		Power to Wells, header houses. Other power
	Quantity (Ft)	160,460	already in place by CBM companies
			Lines buried in pipe trenches. Excavation
	0	1	costs covered on Sheets 6I and 6III. Assume
	Cost of Removal/Disposal (\$/Ft)		salvage of wire at no cost.
	Cost of Removal/Disposal (\$)	\$0	
111	Powerpole Removal & Disposal	i I	Overhead powerpoles and lines will remain in
	Quantity	l o	place for future gas production
	Cost of Removal/Disposal (\$/Each)	ا	process constants gas processes.
	Cost of Removal/Disposal (\$)	\$0.00	
IV	Transformer Removal & Disposal		
	Quantity	l o	
			Tri-County Electric will remove at no cost,
	Cost of Removal/Disposal (\$/Each)	0	WDEQ Guideline No.12, App. H
	Cost of Removal/Disposal (\$)	0	
V	Culvert Removal & Disposal		
	Quantity (Ft)	150	7, 20 ft culverts, 1-10 ft. culvert
	Cost of Removal/Disposal (\$/Ft)	\$7.55	(\$139.12/20') WDEQ Guideline No.12, App. J 2013
	Cost of Removal/Disposal (\$)	\$1,132.05	
VI	Guardrail Removal	ψ1, 102.00	
"	Quantity (Ft)	۱ ،	None
	Cost of Removal/Disposal (\$/Ft)	\$7.30	
ļ	Cost of Removal/Disposal (\$)	\$0	
VII	Low Water Stream Crossing	**	
	Quantity	0	None
	Cost of Removal/Disposal (\$/Each)	\$8,988	!
	Cost of Removal/Disposal (\$)	\$0	
	TOTAL MISCELLANEOUS COST	\$4,470	
		, ,,,,,	