

POWER RESOURCES INC HIGHLAND URANIUM PROJECT
2006-2007 SURETY ESTIMATE REVISION

Total Restoration and Reclamation Cost Estimate							
I.	GROUNDWATER RESTORATION COST						\$10,117,329
II.	EQUIPMENT REMOVAL & DISPOSAL COST						\$103,633
III.	BUILDING DEMOLITION AND DISPOSAL COST						\$1,011,992
IV.	WELLFIELD BUILDINGS & EQUIPMENT REMOVAL & DISPOSAL COST						\$1,206,586
V.	WELL ABANDONMENT COST						\$1,415,815
VI.	WELLFIELD AND SATELLITE SURFACE RECLAMATION COST						\$94,214
VII.	TOTAL MISCELLANEOUS RECLAMATION COST						\$695,734
	SUBTOTAL RECLAMATION AND RESTORATION COST ESTIMATE						\$14,645,303
	CPI ESCALATOR- July 1998 to May 31, 2006 (24.08%)						\$3,526,589
	SUBTOTAL						\$18,171,892
	ADMINISTRATIVE, OVERHEAD, AND CONTINGENCY ITEMS (25%)						\$4,542,973
	TOTAL						\$22,714,865
	TOTAL CALCULATED SURETY (IN 2006 DOLLARS)						\$22,714,900
	September Version - Current Surety						

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Ground Water Restoration				Mine Unit-A	Mine Unit-B	Mine Unit-C	C-19N Pattern	C-Haul Drifts	Mine Unit-D	Mine Unit-E	Mine Unit-F	Mine Unit-H	Mine Unit-D Ext.	Mine Unit-I	Mine Unit-J	Mine Unit-JA
PV Assumptions																
Wellfield Area (ft2)				151900	690900	1274000	32500		279500	994500	3348000	1116000	216000	891231	1200000	0
Wellfield Area (acres)				3.49	15.86	29.25	0.75	0.00	6.42	22.83	76.86	25.62	4.96	20.46	27.55	0.00
Affected Ore Zone Area (ft2)				151900	690900	1274000	32500	0	279500	994500	3348000	1116000	216000	891231	1200000	0
Avg. Completed Thickness				15	15	15	15		15	15	15	15	15	15	20	20
Porosity				0.27	0.27	0.27	0.27		0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27
Perimeter Injection Wells/ ft2						2.05E-04			2.54E-04	2.63E-04	2.00E-04	2.43E-04	2.45E-04	2.55E-04	2.55E-04	2.55E-04
Flare Factor				2.94	2.94	2	2		2.5	2.6	2	2.4	2.5	2.5	2.5	2.5
Affected Volume (ft3)				6698790	30468690	38220000	975000	1360000	10481250	38785500	100440000	40176000	8100000	33421163	60000000	0
Kgallons per Pore Volume				13529	61535	77189	1969	10173	21168	78331	202849	81139	16359	67497	121176	0
Number of Patterns in Unit(s)																
Current				31	141	196	5	0	43	153	465	155	30	124	120	0
Estimated next report period				0	0	0	0	0	0	0	0	0	0	0	0	0
Total Estimated				31	141	196	5	0	43	153	465	155	30	124	120	0
Number of Wells in Unit(s)																
Production Wells																
Current				27	141	192			45	143	465	155	30	125	120	0
Estimated next report period				0	0	0			0	0	0	0	0	0	0	0
Total Estimated				27	141	192			45	143	465	155	30	125	120	0
Injection Wells																
Current				50	319	343			91	307	903	327	67	236	240	0
Estimated next report period				0	0	0			0	0	0	0	0	0	0	0
Total Estimated				50	319	343			91	307	903	327	67	236	240	0
Monitor Wells																
Current				18	67	78		C-Wellfield	38	86	134	81	20	39	41	0
Estimated next report period				0	0	0			0	0	0	0	0	0	0	0
Total Estimated				18	67	78			38	86	134	81	20	39	41	0
Restoration Wells																
Current				13	30	19			0	0	15	0	0	0	0	0
Estimated next report period				0	0	0			0	0	0	0	0	0	0	0
Total Estimated				13	30	19			0	0	15	0	0	0	0	0
Number of Wells per Wellfield				108	557	632	0	0	174	536	1517	563	117	400	401	0
Total Number of Wells				4087												
Average Well Depth (ft)				500	450	550	550	550	600	550	650	500	600	650	540	540
I. Restoration Well Installation Costs																
Number of Restoration Wells				0	0	0	0	0	0	0	0	0	0	0	0	0
Well Installation Unit Cost (\$/Well)				\$4,000	\$4,000	\$4,000	\$4,000	\$4,000	\$4,000	\$4,000	\$4,000	\$4,000	\$4,000	\$4,000	\$4,000	\$4,000
Subtotal Restoration Well Installation Costs per Wellfield				\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Restoration Well Installation Costs				\$0												

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II. Ground Water Sweep Costs																		
	PV's Required					0	1	1	1	1	1	1	1	1	1	1	1	1
	Total Kgals for Treatment					0	61535	77189	1969	10173	21168	78331	202849	81139	16359	67497	121176	0
	Ground Water Sweep Unit Cost (\$/Kgal)					\$0.77	\$0.77	\$0.77	\$0.77	\$0.77	\$0.77	\$0.77	\$0.77	\$0.77	\$0.77	\$0.77	\$0.77	\$0.77
	Subtotal Ground Water Sweep Costs per Wellfield					\$0	\$47,114	\$59,100	\$1,508	\$7,789	\$16,207	\$59,974	\$155,311	\$62,124	\$12,525	\$51,679	\$92,778	\$0
	Total Ground Water Sweep Costs					\$566,109												
III. Reverse Osmosis Costs																		
	PV's Required					0	5	5	5	5	5	5	5	5	5	5	5	5
	Total Kgals for Treatment					0	307673	385946	9846	50864	105840	391656	1014243	405697	81794	337487	605880	0
	Reverse Osmosis Unit Cost (\$/Kgal)					\$1.33	\$1.33	\$1.33	\$1.33	\$1.33	\$1.33	\$1.33	\$1.33	\$1.33	\$1.33	\$1.33	\$1.33	\$1.33
	Subtotal Reverse Osmosis Costs per Wellfield					\$0	\$407,851	\$511,609	\$13,051	\$67,425	\$140,301	\$519,179	\$1,344,481	\$537,792	\$108,426	\$447,373	\$803,155	\$0
	Total Reverse Osmosis Costs					\$4,900,643												
IV. Bioremediation/Chemical Reductant Costs																		
	Total Kgals for Treatment (2 Pore Volumes)					0	123069	154378	3938	20346	42336	156662	405697	162279	32718	134995	242352	0
	Chemical Reductant Unit Cost (\$/Kgal)					\$0.29	\$0.29	\$0.29	\$0.29	\$0.29	\$0.29	\$0.29	\$0.29	\$0.29	\$0.29	\$0.29	\$0.29	\$0.29
	Subtotal Chemical Reductant Costs per Wellfield					\$0	\$35,690	\$44,770	\$1,142	\$5,900	\$12,277	\$45,432	\$117,652	\$47,061	\$9,488	\$39,148	\$70,282	\$0
	Total Chemical Reductant Costs					\$428,842												
V. Elution Costs																		
A.	Elution Processing Costs																	
	Kgals/Elution Required					35000	35000	35000	35000	35000	35000	35000	35000	35000	35000	35000	35000	35000
	Number of Elutions					0	11	13	1	2	4	13	35	14	3	12	21	0
	Processing Unit Cost (\$/Elution)					\$525	\$525	\$525	\$525	\$525	\$525	\$525	\$525	\$525	\$525	\$525	\$525	\$525
	Subtotal Processing Costs					\$0	\$5,775	\$6,825	\$525	\$1,050	\$2,100	\$6,825	\$18,375	\$7,350	\$1,575	\$6,300	\$11,025	\$0
B.	Deep Well Injection Costs																	
	Deep Well Injection Volume (Kgals/Elution)					12	12	12	12	12	12	12	12	12	12	12	12	12
	Total Kgals for Injection					0	132	156	12	24	48	156	420	168	36	144	252	0
	Deep Well Injection Unit Cost (\$/Kgals)					\$4.60	\$4.60	\$4.60	\$4.60	\$4.60	\$4.60	\$4.60	\$4.60	\$4.60	\$4.60	\$4.60	\$4.60	\$4.60
	Subtotal Deep Well Injection Costs					\$0	\$607	\$718	\$55	\$110	\$221	\$718	\$1,933	\$773	\$166	\$663	\$1,160	\$0
	Subtotal Elution Costs per Wellfield					\$0	\$6,382	\$7,543	\$580	\$1,160	\$2,321	\$7,543	\$20,308	\$8,123	\$1,741	\$6,963	\$12,185	\$0
	Total Elution Costs					\$74,849												
VI. Monitoring and Sampling Costs																		
A.	Restoration Well Sampling																	
	Estimated Restoration Period (Years)					5	5	5	5	2	5	5	5	5	5	5	5	5
	1. Well Sampling prior to restoration start																	
	# of Wells					0	20	31	5	7	9	31	21	12	4	6	6	6
	\$/sample					\$150	\$150	\$150	\$150	\$150	\$150	\$150	\$150	\$150	\$150	\$150	\$150	\$150

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	2.	Restoration Progress Sampling														
		# of Wells		0	20	31	5	7	9	31	21	12	4	6	12	
		\$/sample		\$34	\$34	\$34	\$34	\$34	\$34	\$34	\$34	\$34	\$34	\$34	\$34	\$34
		Samples/Year		6	6	6	6	6	6	6	6	6	6	6	6	
	3.	UCL Sampling														
		# of Wells		0	70	78	5	20	29	55	89	69	16	33	69	
		\$/sample		\$19	\$19	\$19	\$19	\$19	\$19	\$19	\$19	\$19	\$19	\$19	\$19	\$19
		Samples/Year		6	6	6	6	6	6	6	6	6	6	6	6	
		Sub-total Restoration Analyses		\$0	\$63,300	\$80,730	\$8,700	\$8,466	\$27,060	\$67,620	\$75,300	\$53,370	\$13,800	\$25,830	\$52,470	\$900
	B.	Short-term Stability														
		Estimated Stabilization Period (Months)		12	12	12	12	12	12	12	12	12	12	12	12	12
		# of Wells		6	56	44	6	2	19	28	89	69	16	33	33	
		Samples/Year		6	6	6	6	6	6	6	6	6	6	6	6	
		\$/sample		\$19	\$19	\$19	\$19	\$19	\$19	\$19	\$19	\$19	\$19	\$19	\$19	\$19
		# of Wells		5	20	31	6	2	9	31	21	12	4	6	6	
		Samples/Year		6	6	6	6	6	6	6	6	6	6	6	6	
		\$/sample		\$34	\$34	\$34	\$34	\$34	\$34	\$34	\$34	\$34	\$34	\$34	\$34	\$34
		# of Wells		5	20	31	6	2	9	31	21	12	4	6	6	
		Samples/Year		2	2	2	2	2	2	2	2	2	2	2	2	
		\$/sample		\$150	\$150	\$150	\$150	\$150	\$150	\$150	\$150	\$150	\$150	\$150	\$150	
		Sub-total Short-term Stability Analyses		\$3,204	\$16,464	\$20,640	\$3,708	\$1,236	\$6,702	\$18,816	\$20,730	\$13,914	\$3,840	\$6,786	\$6,786	\$0
		Subtotal Monitoring and Sampling Costs per Wellfield		\$3,204	\$79,764	\$101,370	\$12,408	\$9,702	\$33,762	\$86,436	\$96,030	\$67,284	\$17,640	\$32,616	\$59,256	
		Total Monitoring and Sampling Costs		\$599,472												
	VII.	Mechanical Integrity Test (MIT) Costs														
		Five Year MIT Unit Cost (\$/well)		\$71	\$71	\$71	\$71	\$71	\$71	\$71	\$71	\$71	\$71	\$71	\$71	
		Number of Wells (30% of Inj. and Rest. Wells)		0	0	109	0	0	27	92	275	98	20	71	72	0
		Subtotal Mechanical Integrity Testing Costs per Wellfield		\$0	\$0	\$7,711	\$0	\$0	\$1,938	\$6,539	\$19,553	\$6,965	\$1,427	\$5,027	\$5,112	\$0
		Total Mechanical Integrity Testing Cost		\$54,272												
		TOTAL RESTORATION COSTS PER WELLFIELD		\$3,204	\$576,801	\$732,103	\$28,689	\$91,976	\$206,806	\$725,103	\$1,753,335	\$729,349	\$151,247	\$582,806	\$1,042,768	\$0
		TOTAL WELLFIELD RESTORATION COST		\$6,624,187												
	VIII.	Building Utility Costs														
		Central Plant														
		Main Office														
		Satellite No.1														
		Satellite No.2														
		Satellite No.3														
		Electricity (\$/Month)		\$0	\$0	\$1,050	\$1,190	\$1,675								
		Propane (\$/Month)		\$0	\$0	\$680	\$0	\$1,160								
		Natural Gas (\$/Month)		\$0	\$0	\$0	\$520	\$0								
		Number of Months		0	60	6	48	48								
		Subtotal Utility Costs per Building		\$0	\$0	\$10,380	\$82,080	\$136,080								
		Total Building Utility Costs		\$228,540												

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Ground Water Restoration																			
IX.	Irrigation Maintenance and Monitoring Costs					Irrigator No.1	Irrigator No.2												
	A. Irrigation Maintenance and Repair																		
		Irrigation Operation Months/Year				6	6												
		Cost per Month				\$667	\$667												
		Total Number of Years				5	5												
		Subtotal Maintenance and Repair Costs				\$20,010	\$20,010												
	B. Irrigation Monitoring and Sampling																		
		# of Irrigation Fluid Samples/Year				6	6												
		Cost/sample				\$121	\$121												
		# of Vegetation Samples/Year				4	4												
		Cost/sample				\$165	\$165												
		# of Soil Samples/Year				28	32												
		Cost/sample				\$174	\$174												
		# of Soil Water Samples/Year				12	2												
		Cost/sample				\$121	\$121												
		Total Number of Years				5	5												
		Subtotal Sampling Costs				\$38,550	\$35,980												
		Subtotal Maintenance and Monitoring Costs per Irrigator				\$58,560	\$55,990												
		Total Irrigation Maintenance and Monitoring Costs				\$114,550													
X.	Capital Costs (RO Purchase)																		
		Purchase/Installation Costs for 500 gpm RO Capacity				\$500,000													
		Total Capital Costs				\$500,000													
XI.	Vehicle Operation Costs																		
		Number of Pickup Trucks/Pulling Units (Gas)				10													
		Unit Cost in \$/hr (WDEQ Guideline No.12, Table D-1)				\$10.13													
		Unit Cost in \$/hr (July 1998 dollars w/o escalator)				\$8.80													
		Average Operating Time (Hrs/Year)				1000													
		Total Number of Years (Average)				5													
		Total Vehicle Operation Costs				\$440,052													
XII.	Labor Costs																		
		Number of Environmental Managers/RSOs				1													
		\$/Year				\$60,000													
		Number of Restoration Managers				1													
		\$/Year				\$50,000													
		Number of Environmental Technicians				2													
		\$/Year				\$28,000													
		Number of Operators/Laborers				7													
		\$/Year				\$28,000													
		Number of Maintenance Technicians				2													
		\$/Year				\$28,000													
		Number of Years				5													
		Total Labor Costs				\$2,090,000													
XIII.	Capital Costs																		
		Purchase RO Units (2X800 gpm Units)				\$120,000													
		Total Labor Costs				\$120,000													
TOTAL GROUND WATER RESTORATION COSTS						\$10,117,329													

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Equipment Removal and Loading				Central Plant	Satellite No.1	Satellite No.2	Satellite No.3
I. Removal and Loading Costs							
A.	Tankage						
	Number of Tanks			26	8	14	18
	Volume of Tank Construction Material (ft ³)			1028	162	290	397
	1. Labor						
	Number of Persons			3	3	3	3
	Ft ³ /Day			25	25	25	25
	Number of Days			41	6	12	16
	\$/Day/Person			\$112	\$112	\$112	\$112
	Subtotal Labor Costs			\$13,776	\$2,016	\$4,032	\$5,376
	2. Equipment						
	Number of Days			41	6	12	16
	\$/Day			\$338	\$338	\$338	\$338
	Subtotal Equipment Costs			\$13,858	\$2,028	\$4,056	\$5,408
	Subtotal Tankage Removal and Loading Costs			\$27,634	\$4,044	\$8,088	\$10,784
B.	PVC Pipe						
	PVC Pipe Footage			5000	1000	4000	4000
	Average PVC Pipe Diameter (inches)			3	3	3	3
	Shredded PVC Pipe Volume Reduction (ft ³ /ft)			0.016	0.016	0.016	0.016
	Volume of Shredded PVC Pipe (ft ³)			80	16	64	64
	1. Labor						
	Number of Persons			2	2	2	2
	Ft/Day			200	200	200	200
	Number of Days			25	5	20	20
	\$/Day/Person			\$112	\$112	\$112	\$112
	Subtotal Labor Costs			\$5,600	\$1,120	\$4,480	\$4,480
	Subtotal PVC Pipe Removal and Loading Costs			\$5,600	\$1,120	\$4,480	\$4,480
C.	Pumps						
	Number of Pumps			50	10	14	13
	Average Volume (ft ³ /pump)			4.93	4.93	4.93	4.93
	Volume of Pumps (ft ³)			246.5	49.3	69.02	64.09
	1. Labor						
	Number of Persons			1	1	1	1
	Pumps/Day			2	2	2	2
	Number of Days			25	5	7	7
	\$/Day/Person			\$112	\$112	\$112	\$112
	Subtotal Labor Costs			\$2,800	\$560	\$784	\$784
	Subtotal Pump Removal and Loading Costs			\$2,800	\$560	\$784	\$784
D.	Dryer						
	Dryer Volume (ft ³)			885	0	0	0
	1. Labor						
	Number of Persons			5	0	0	0
	Ft ³ /Day			175	0	0	0
	Number of Days			5	0	0	0
	\$/Day/Person			\$112	\$112	\$112	\$112
	Total Labor Cost			\$2,800	\$0	\$0	\$0
	Total Dryer Dismantling and Loading Cost			\$2,800	\$0	\$0	\$0
E.	RO Units						

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Equipment Removal and Loading				Central Plant	Satellite No.1	Satellite No.2	Satellite No.3
		Number of RO Units					
		Current		0	3	0	0
		Planned		0	0	1	1
		Average Volume (ft ³ /RO Unit)		250	250	250	250
	1. Labor						
		Number of Persons		2	2	2	2
		Number of Days		0	1.5	0.5	0.5
		\$/Day/Person		\$112	\$112	\$112	\$112
		Subtotal Labor Costs		\$0	\$336	\$112	\$112
		Subtotal RO Unit Removal and Loading Costs		\$0	\$336	\$112	\$112
		Subtotal Equipment Removal and Loading Costs per Facility		\$38,834	\$6,060	\$13,464	\$16,160
		Total Equipment Removal and Loading Costs		\$74,518			
II. Transportation and Disposal Costs (NRC-Licensed Facility)							
	A. Tankage						
		Volume of Tank Construction Material (ft ³)		1028	162	290	397
		Volume for Disposal Assuming 10% Void Space (ft ³)		1131	178	319	436
		Transportation and Disposal Unit Cost (\$/ft ³)		\$5.62	\$5.62	\$5.62	\$5.62
		Subtotal Tankage Transportation and Disposal Costs		\$6,356	\$1,000	\$1,793	\$2,450
	B. PVC Pipe						
		Volume of Shredded PVC Pipe (ft ³)		80	16	64	64
		Volume for Disposal Assuming 10% Void Space (ft ³)		88	18	70	70
		Transportation and Disposal Unit Cost (\$/ft ³)		\$5.62	\$5.62	\$5.62	\$5.62
		Subtotal PVC Pipe Transportation and Disposal Costs		\$495	\$101	\$393	\$393
	C. Pumps						
		Volume of Pumps (ft ³)		246.5	49.3	69.02	64.09
		Volume for Disposal Assuming 10% Void Space (ft ³)		271	54	76	70
		Transportation and Disposal Unit Cost (\$/ft ³)		\$5.62	\$5.62	\$5.62	\$5.62
		Subtotal Pump Transportation and Disposal Costs		\$1,523	\$303	\$427	\$393
	D. Dryer						
		Dryer Volume (ft ³)		885	0	0	0
		Volume for Disposal Assuming Dryer Remains Intact (ft ³)		885	0	0	0
		Transportation and Disposal Unit Cost (\$/ft ³)		\$5.62	\$5.62	\$5.62	\$5.62
		Total Dryer Transportation and Disposal Costs		\$4,974	\$0	\$0	\$0
	E. RO Units						
		Volume of RO Units (ft ³)		0	750	250	250
		Volume for Disposal Assuming 50% Volume Reduction (ft ³)		0	375	125	125
		Transportation and Disposal Unit Cost (\$/ft ³)		\$5.62	\$5.62	\$5.62	\$5.62
		Subtotal RO Unit Transportation and Disposal Costs		\$0	\$2,108	\$703	\$703
		Subtotal Equipment Transportation and Disposal Costs per Facility		\$13,348	\$3,512	\$3,316	\$3,939
		Total Equipment Transportation and Disposal Costs		\$24,115			
III. Health and Safety Costs							
		Radiation Safety Equipment		\$1,250	\$1,250	\$1,250	\$1,250
		Total Health and Safety Costs		\$5,000			
SUBTOTAL EQUIPMENT REMOVAL AND DISPOSAL COSTS PER FACILITY				\$53,432	\$10,822	\$18,030	\$21,349
TOTAL EQUIPMENT REMOVAL AND DISPOSAL COSTS				\$103,633			

							Central	Dryer	Satellite	Satellite	Satellite	Sat. No.3	Yellow Cake	South	Suspended
Building Demolition and Disposal							Plant	Building	No. 1	No. 2	No. 3	Fab. Shop	Warehouse	Warehouse	Walkway
I.	Decontamination Costs														
A.	Wall Decontamination														
		Area to be Decontaminated (ft ²)				131000	0	0	0	0	0	0	0	0	0
		Application Rate (Gallons/ft ²)				1	1	1	1	1	1	1	1	1	1
		HCl Acid Wash, including labor (\$/Gallon)				\$0.50	\$0.50	\$0.50	\$0.50	\$0.50	\$0.50	\$0.50	\$0.50	\$0.50	\$0.50
		Subtotal Wall Decontamination Costs				\$65,500	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
B.	Concrete Floor Decontamination														
		Area to be Decontaminated (ft ²)				17820	0	6000	9600	9600	0	0	0	0	0
		Application Rate (Gallons/ft ²)				4	4	4	4	4	4	4	4	4	4
		HCl Acid Wash, including labor (\$/Gallon)				\$0.50	\$0.50	\$0.50	\$0.50	\$0.50	\$0.50	\$0.50	\$0.50	\$0.50	\$0.50
		Subtotal Concrete Floor Decontamination Costs				\$35,640	\$0	\$12,000	\$19,200	\$19,200	\$0	\$0	\$0	\$0	\$0
C.	Deep Well Injection Costs														
		Total Kgals for Injection				202.28	0	24	38.4	38.4	0	0	0	0	0
		Deep Well Injection Unit Cost (\$/Kgals)				\$4.60	\$4.60	\$4.60	\$4.60	\$4.60	\$4.60	\$4.60	\$4.60	\$4.60	\$4.60
		Subtotal Deep Well Injection Costs				\$931	\$0	\$110	\$177	\$177	\$0	\$0	\$0	\$0	\$0
		Subtotal Decontamination Costs per Building				\$102,071	\$0	\$12,110	\$19,377	\$19,377	\$0	\$0	\$0	\$0	\$0
		Total Decontamination Costs				\$158,021									
II.	Demolition Costs														
A.	Building														
		Assumptions:													
		Dryer bldg. demolition unit cost of \$0.73/ft ² for additional radiation safety equipment													
		Volume of Building (ft ³)				794000	30720	192000	320000	320000	37560	91000	333000	5600	
		Demolition Unit Cost per WDEQ Guideline No.12,App.K (\$/ft ³)				\$0.171	\$0.171	\$0.171	\$0.171	\$0.171	\$0.171	\$0.171	\$0.171	\$0.171	\$0.171
		Unit Cost in \$/ft ³ (July 1998 dollars w/o escalator)				\$0.15	\$0.15	\$0.15	\$0.15	\$0.15	\$0.15	\$0.15	\$0.15	\$0.15	\$0.15
		Subtotal Building Demolition Costs				\$117,962	\$4,564	\$28,525	\$47,541	\$47,541	\$5,580	\$13,520	\$49,473	\$832	
B.	Concrete Floor														
		Area of Concrete Floor (ft ²)				23760	0	8000	12800	12800	0	6500	18000	0	
		Demolition Unit Cost per WDEQ Guideline No.12,App.K (\$/ft ²)				\$3.17	\$3.17	\$3.17	\$3.17	\$3.17	\$3.17	\$3.17	\$3.17	\$3.17	\$3.17
		Unit Cost in \$/ft ² (July 1998 dollars w/o escalator)				\$2.75	\$2.75	\$2.75	\$2.75	\$2.75	\$2.75	\$2.75	\$2.75	\$2.75	\$2.75
		Subtotal Concrete Floor Demolition Costs				\$65,438	\$0	\$22,033	\$35,253	\$35,253	\$0	\$17,902	\$49,574	\$0	
C.	Concrete Footing														
		Length of Concrete Footing (ft)				622	0	360	480	480	0	360	580	0	
		Demolition Unit Cost per WDEQ Guide. No.12,App.K (\$/lin. ft)				\$11.45	\$11.45	\$11.45	\$11.45	\$11.45	\$11.45	\$11.45	\$11.45	\$11.45	\$11.45
		Unit Cost in \$/lin. ft (July 1998 dollars w/o escalator)				\$9.95	\$9.95	\$9.95	\$9.95	\$9.95	\$9.95	\$9.95	\$9.95	\$9.95	\$9.95
		Subtotal Concrete Footing Demolition Costs				\$6,188	\$0	\$3,581	\$4,775	\$4,775	\$0	\$3,581	\$5,770	\$0	
		Subtotal Demolition Costs per Building				\$189,588	\$4,564	\$54,139	\$87,569	\$87,569	\$5,580	\$35,003	\$104,817	\$832	
		Total Demolition Costs				\$696,995									
III.	Disposal Costs														
A.	Building														
		Volume of Building (cy)				29407	1138	7111	11852	11852	1391	3370</			

	Sat. No.3	Yellow Cake	South	Suspended
	Fab. Shop	Warehouse	Warehouse	Walkway
0	\$751	\$1,820	\$6,660	\$112
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
2	\$5.62	\$5.62	\$5.62	\$5.62
0	\$0	\$0	\$0	\$0
0	\$751	\$1,820	\$6,660	\$112
0	0	6500	18000	0
7	0	0.5	0.5	0
6	0	3250	9000	0
8	0	120	333	0
5	0	100	100	0
8	0	120	333	0
9	\$4.69	\$4.69	\$4.69	\$4.69
7	\$4.07	\$4.07	\$4.07	\$4.07
1	\$0	\$490	\$1,358	\$0
5	0	0	0	0
4	0	0	0	0
0	\$2.00	\$2.00	\$2.00	\$2.00
2	\$5.62	\$5.62	\$5.62	\$5.62
7	\$0	\$0	\$0	\$0
8	\$0	\$490	\$1,358	\$0
0	0	360	580	0
4	4	4	4	0
1	1	1	1	0
0	0	1440	2320	0
1	0	53	86	0
9	\$4.69	\$4.69	\$4.69	\$4.69
7	\$4.07	\$4.07	\$4.07	\$4.07
0	\$0	\$217	\$350	\$0
8	\$751	\$2,527	\$8,368	\$112
0	\$0	\$0	\$0	\$0
4	\$6,331	\$37,530	\$113,185	\$944

[illegible]

Building Demolition and Disposal				Changehouse and Lab Bldg.	Maintenance Building	Main Office	Office Trailers	Process/Fire Water Bldg.	Potable Water Bldg.	Potable Water Tank Slab	Central Plant Tank Slabs
Subtotal On-Site Disposal Costs				\$1,460	\$540	\$1,440	\$400	\$330	\$126	\$0	\$0
2. NRC-Licensed Facility											
Percentage (%)				0	0	0	0	0	0	0	0
Volume for Disposal (ft³)				0	0	0	0	0	0	0	0
Volume for Disposal Assuming 10% Void Space (ft³)				0	0	0	0	0	0	0	0
Transportation and Disposal Unit Cost (\$/ft³)				\$5.62	\$5.62	\$5.62	\$5.62	\$5.62	\$5.62	\$5.62	\$5.62
Subtotal NRC-Licensed Facility Disposal Costs				\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Subtotal Building Disposal Costs				\$1,460	\$540	\$1,440	\$400	\$330	\$126	\$0	\$0
B.	Concrete Floor										
	Area of Concrete Floor (ft²)			5400	2100	6000	0	800	180	1256	7854
	Average Thickness of Concrete Floor (ft)			0.5	0.5	0.5	0	0.5	0.5	1	1
	Volume of Concrete Floor (ft³)			2700	1050	3000	0	400	90	1256	7854
	Volume of Concrete Floor (cy)			100	39	111	0	15	3	47	291
	1. On-Site										
	Percentage (%)			100	100	100	0	100	100	100	100
	Volume for Disposal (cy)			100	39	111	0	15	3	47	291
	Disposal Unit Cost per WDEQ Guideline No.12,App.K (\$/cy)			\$4.69	\$4.69	\$4.69	\$4.69	\$4.69	\$4.69	\$4.69	\$4.69
	Unit Cost in \$/cy (July 1998 dollars w/o escalator)			\$4.07	\$4.07	\$4.07	\$4.07	\$4.07	\$4.07	\$4.07	\$4.07
	Subtotal On-Site Disposal Costs			\$407	\$158	\$453	\$0	\$60	\$14	\$190	\$1,185
	2. NRC-Licensed Facility										
	Assumptions:										
	Additional \$2.00/ft³ for segregation of concrete										
	Percentage (%)			0	0	0	0	0	0	0	0
	Volume for Disposal (ft³)			0	0	0	0	0	0	0	0
	Segregation and Loading Unit Cost (\$/ft³)			\$2.00	\$2.00	\$2.00	\$2.00	\$2.00	\$2.00	\$2.00	\$2.00
	Transportation and Disposal Unit Cost (\$/ft³)			\$5.62	\$5.62	\$5.62	\$5.62	\$5.62	\$5.62	\$5.62	\$5.62
	Subtotal NRC-Licensed Facility Disposal Costs			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Subtotal Concrete Floor Disposal Costs			\$407	\$158	\$453	\$0	\$60	\$14	\$190	\$1,185
C.	Concrete Footing										
	Length of Concrete Footing (ft)			300	200	340	0	120	54	0	0
	Average Depth of Concrete Footing (ft)			4	4	4	0	4	4	4	4
	Average Width of Concrete Footing (ft)			1	1	1	0	1	1	1	1
	Volume of Concrete Footing (ft³)			1200	800	1360	0	480	216	0	0
	Volume of Concrete Footing (cy)			44	30	50	0	18	8	0	0
	Disposal Unit Cost per WDEQ Guideline No.12,App.K (\$/cy)			\$4.69	\$4.69	\$4.69	\$4.69	\$4.69	\$4.69	\$4.69	\$4.69
	Unit Cost in \$/cy (July 1998 dollars w/o escalator)			\$4.07	\$4.07	\$4.07	\$4.07	\$4.07	\$4.07	\$4.07	\$4.07
	Subtotal Concrete Footing Disposal Costs			\$181	\$121	\$205	\$0	\$72	\$33	\$0	\$0
Subtotal Disposal Costs per Building				\$2,048	\$819	\$2,098	\$400	\$462	\$173	\$190	\$1,185
Total Disposal Costs											
III. Health and Safety Costs											
	Radiation Safety Equipment			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Health and Safety Costs											
SUBTOTAL BUILDING DEMOLITION AND DISPOSAL COSTS				\$30,749	\$12,604	\$32,702	\$3,371	\$6,310	\$2,142	\$3,649	\$22,816
TOTAL BUILDING DEMOLITION AND DISPOSAL COSTS											

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I. Wellfield Piping														
Assumptions:														
Number of Header Houses per Wellfield				5	18	20	4	15	43	10	3	6	7	
Length of Piping per Header House (ft)				15000	15000	15000	15000	15000	15000	15000	15000	15000	12500	
Total Length of Piping (ft)				75000	270000	300000	60000	225000	645000	150000	45000	90000	87500	
A. Removal and Loading														
Wellfield Piping Removal Unit Cost (\$/ft of pipe)				\$0.31	\$0.31	\$0.31	\$0.31	\$0.31	\$0.31	\$0.31	\$0.31	\$0.31	\$0.31	\$0.31
Subtotal Wellfield Piping Removal and Loading Costs				\$23,250	\$83,700	\$93,000	\$18,600	\$69,750	\$199,950	\$46,500	\$13,950	\$27,900	\$27,125	\$0
B. Transport and Disposal Costs (NRC-Licensed Facility)														
Average Diameter of Piping (inches)				2	2	2	2	2	2	2	2	2	2	2
Chipped Volume Reduction (ft ³ /ft)				0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
Chipped Volume per Wellfield (ft ³)				375	1350	1500	300	1125	3225	750	225	450	437.5	0
Volume for Disposal Assuming 10% Void Space (ft ³)				413	1485	1650	330	1238	3548	825	248	495	481	0
Transportation and Disposal Unit Cost (\$/ft ³)				\$5.62	\$5.62	\$5.62	\$5.62	\$5.62	\$5.62	\$5.62	\$5.62	\$5.62	\$5.62	\$5.62
Subtotal Wellfield Piping Transport and Disposal Costs				\$2,321	\$8,346	\$9,273	\$1,855	\$6,958	\$19,940	\$4,637	\$1,394	\$2,782	\$2,703	\$0
Wellfield Piping Costs per Wellfield				\$25,571	\$92,046	\$102,273	\$20,455	\$76,708	\$219,890	\$51,137	\$15,344	\$30,682	\$29,828	\$0
C. Capitol Costs														
PVC Pipe Shredder				\$40,000										
Total Wellfield Piping Costs				\$703,934										
II. Well Pumps and Tubing														
Assumptions:														
Pump and tubing removal costs included under ground water restoration labor costs														
60% of production/injection wells contain pumps and/or tubing														
A. Pump and Tubing Transportation and Disposal														
Number of Production Wells				27	141	192	45	143	465	155	30	125	122	
Number of Injection Wells				50	319	343	91	307	903	327	67	236	234	0
1. Pump Volume														
Number of Production Wells with Pumps				16	85	115	27	86	279	93	18	75	73	0
Average Pump Volume (ft ³)				1	1	1	1	1	1	1	1	1	1	1
Pump Volume per Wellfield (ft ³)				16	85	115	27	86	279	93	18	75	73	0
2. Tubing Volume														
Assumptions:														
Average tubing length/wellfield based on average well depth minus 25 ft														
Number of Production Wells with Tubing				16	85	115	27	86	279	93	18	75	73	0
Number of Injection Wells with Tubing				30	191	206	55	184	542	196	40	142	140	0
Average Tubing Length per Well (ft)				475	425	525	575	525	625	475	575	625	515	
Tubing Length per Wellfield (ft)				21850	117300	168525	47150	141750	513125	137275	33350	135625	109695	0
Diameter of Production Well Fiberglass Tubing (inches)				2	2	2	2	2	2	2	2	2	2	2
Diameter of Injection Well HDPE Tubing (inches)				1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25
Chipped Volume Reduction (ft ³ /ft)				0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
Chipped Volume per Wellfield (ft ³)				109	587	843	236	709	2566	686	167	678	548	0
Volume of Pump and Tubing (ft ³)				125	672	958	263	795	2845	779	185	753	621	0
Volume for Disposal Assuming 10% Void Space (ft ³)				138	739	1054	289	875	3130	857	204	828	683	0
Transportation and Disposal Unit Cost (\$/ft ³)				\$5.62	\$5.62	\$5.62	\$5.62	\$5.62	\$5.62	\$5.62	\$5.62	\$5.62	\$5.62	\$5.62
Subtotal Pump and Tubing Transport and Disposal Costs				\$776	\$4,153	\$5,923	\$1,624	\$4,918	\$17,591	\$4,816	\$1,146	\$4,653	\$3,838	\$0
Pump and Tubing Costs per Wellfield				\$776	\$4,153	\$5,923	\$1,624	\$4,918	\$17,591	\$4,816	\$1,146	\$4,653	\$3,838	\$0
Total Pump and Tubing Costs				\$49,438										
III. Buried Trunkline				A/B-Wellfields			D/E-Wellfields							
Assumptions:														

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		A/B-Wellfields use the same trunkline												
		D/E-Wellfields use the same trunkline												
		Length of Trunkline Trench (ft)		6500		5900	12000		11700	13200	5500	10750	2500	0
	A.	Removal and Loading												
		Main Pipeline Removal Unit Cost (\$/ft of trench)		\$0.85		\$0.85	\$0.85		\$0.85	\$0.85	\$0.85	\$0.85	\$0.85	\$0.85
		Subtotal Trunkline Removal and Loading Costs		\$5,525		\$5,015	\$10,200		\$9,945	\$11,220	\$4,675	\$9,138	\$2,125	\$0
	B.	Transport and Disposal Costs (NRC-Licensed Facility)												
		1. 3" HDPE Trunkline												
		Piping Length (ft)		6500		5900	12000		11700	13200	5500	10750	0	0
		Chipped Volume Reduction (ft ³ /ft)		0.022		0.022	0.022		0.022	0.022	0.022	0.022	0.022	0.022
		Chipped Volume (ft ³)		143		129.8	264		257.4	290.4	121	236.5	0	0
		2. 6" HDPE Trunkline												
		Piping Length (ft)		0		0	0		0	0	11000	3000	0	0
		Chipped Volume Reduction (ft ³ /ft)		0.078		0.078	0.078		0.078	0.078	0.078	0.078	0.078	0.078
		Chipped Volume (ft ³)		0		0	0		0	0	858	234	0	0
		3. 10" HDPE Trunkline												
		Piping Length (ft)		13000		0	0		0	0	0	750	2000	0
		Chipped Volume Reduction (ft ³ /ft)		0.277		0.277	0.277		0.277	0.277	0.277	0.277	0.277	0.277
		Chipped Volume (ft ³)		3601		0	0		0	0	0	207.75	554	0
		4. 12" HDPE Trunkline												
		Piping Length (ft)		0		11800	24000		0	0	0	0	2000	0
		Chipped Volume Reduction (ft ³ /ft)		0.293		0.293	0.293		0.293	0.293	0.293	0.293	0.293	0.293
		Chipped Volume (ft ³)		0		3457.4	7032		0	0	0	0	586	0
		5. 14" HDPE Trunkline												
		Piping Length (ft)		0		0	0		23400	26400	0	8500	0	0
		Chipped Volume Reduction (ft ³ /ft)		0.359		0.359	0.359		0.359	0.359	0.359	0.359	0.359	0.359
		Chipped Volume (ft ³)		0		0	0		8400.6	9477.6	0	3051.5	0	0
		6 18" HDPE Trunkline												
		Piping Length (ft)		0	0	0	0	0	0	0	0	0	0	0
		Chipped Volume Reduction (ft ³ /ft)		0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47
		Chipped Volume (ft ³)		0	0	0	0	0	0	0	0	0	0	0
		Total Trunkline Chipped Volume (ft ³)		3744	0	3587.2	7296		8658	9768	979	3729.75	1140	0
		Volume for Disposal Assuming 10% Void Space (ft ³)		4118		3946	8026		9524	10745	1077	4103	1254	0
		Transportation and Disposal Unit Cost (\$/ft ³)		\$5.62		\$5.62	\$5.62		\$5.62	\$5.62	\$5.62	\$5.62	\$5.62	\$5.62
		Subtotal Trunkline Transport and Disposal Costs		\$23,143		\$22,177	\$45,106		\$53,525	\$60,387	\$6,053	\$23,059	\$7,047	\$0
		Trunkline Decommissioning Costs per Wellfield		\$28,668		\$27,192	\$55,306		\$63,470	\$71,607	\$10,728	\$32,197	\$9,172	\$0
		Total Trunkline Decommissioning Costs		\$298,340										
	IV.	Well Houses												
		Total Quantity		90	490	554	136	450	1383	482	97	361	213	
		Average Well House Volume (ft ³)		12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5
		A. Removal												
		Total Volume (ft ³)		1125	6125	6925	1700	5625	17287.5	6025	1212.5	4512.5	2662.5	0
		Demolition Unit Cost per WDEQ Guideline No.12, App.K (\$/ft ³)		\$0.171	\$0.171	\$0.171	\$0.171	\$0.171	\$0.171	\$0.171	\$0.171	\$0.171	\$0.171	\$0.171
		Unit Cost in \$/ft ³ (July 1998 dollars w/o escalator)		\$0.15	\$0.15	\$0.15	\$0.15	\$0.15	\$0.15	\$0.15	\$0.15	\$0.15	\$0.15	\$0.15
		Subtotal Well House Demolition Costs		\$167	\$910	\$1,029	\$253	\$836	\$2,568	\$895	\$180	\$670	\$396	\$0
		B. Survey and Decontamination												
		Assumptions:												
		Cost per Well House		\$5	\$5	\$5	\$5	\$5	\$5	\$5	\$5	\$5	\$5	\$5
		Subtotal Survey and Decontamination Costs		\$450	\$2,450	\$2,770	\$680	\$2,250	\$6,915	\$2,410	\$485	\$1,805	\$1,065	\$0
		C. Disposal												

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		Total Volume (cy)		42	227	256	63	208	640	223	45	167	99	0
		Volume for Disposal Assuming 10% Void Space (cy)		46	250	282	69	229	704	245	49	184	108	0
		Disposal Unit Cost per WDEQ Guideline No.12, App.K (\$/cy)		\$5.98	\$5.98	\$5.98	\$5.98	\$5.98	\$5.98	\$5.98	\$5.98	\$5.98	\$5.98	\$5.98
		Unit Cost in \$/cy (July 1998 dollars w/o escalator)		\$5.20	\$5.20	\$5.20	\$5.20	\$5.20	\$5.20	\$5.20	\$5.20	\$5.20	\$5.20	\$5.20
		Subtotal On-Site Disposal Costs		\$239	\$1,299	\$1,465	\$358	\$1,190	\$3,658	\$1,273	\$255	\$956	\$561	\$0
		Well House Removal and Disposal Costs per Wellfield		\$856	\$4,659	\$5,264	\$1,291	\$4,276	\$13,141	\$4,578	\$920	\$3,431	\$2,022	\$0
		Total Well House Removal and Disposal Costs		\$40,438										
VI.	Header Houses													
		Total Quantity		5	18	20	4	15	43	10	3	6	9	
		Average Header House Volume (ft³)		1600	1600	1600	1600	1600	1600	1600	1600	1600	1600	
	A. Removal													
		Total Volume (ft³)		8000	28800	32000	6400	24000	68800	16000	4800	9600	14400	0
		Demolition Unit Cost per WDEQ Guideline No.12, App.K (\$/ft³)		\$0.171	\$0.171	\$0.171	\$0.171	\$0.171	\$0.171	\$0.171	\$0.171	\$0.171	\$0.171	\$0.171
		Unit Cost in \$/ft³ (July 1998 dollars w/o escalator)		\$0.15	\$0.15	\$0.15	\$0.15	\$0.15	\$0.15	\$0.15	\$0.15	\$0.15	\$0.15	\$0.15
		Subtotal Building Demolition Costs		\$1,189	\$4,279	\$4,754	\$951	\$3,566	\$10,221	\$2,377	\$713	\$1,426	\$2,139	\$0
	B. Survey and Decontamination													
		Assumptions:												
		Cost per Header House		\$284	\$284	\$284	\$284	\$284	\$284	\$284	\$284	\$284	\$284	\$284
		Subtotal Survey and Decontamination Costs		\$1,420	\$5,112	\$5,680	\$1,136	\$4,260	\$12,212	\$2,840	\$852	\$1,704	\$2,556	\$0
	C. Disposal													
		Total Volume (cy)		296	1067	1185	237	889	2548	593	178	356	533	0
		Volume for Disposal Assuming 10% Void Space (cy)		326	1173	1304	261	978	2803	652	196	391	587	0
		Disposal Unit Cost per WDEQ Guideline No.12, App.K (\$/cy)		\$5.98	\$5.98	\$5.98	\$5.98	\$5.98	\$5.98	\$5.98	\$5.98	\$5.98	\$5.98	\$5.98
		Unit Cost in \$/cy (July 1998 dollars w/o escalator)		\$5.20	\$5.20	\$5.20	\$5.20	\$5.20	\$5.20	\$5.20	\$5.20	\$5.20	\$5.20	\$5.20
		Subtotal On-Site Disposal Costs		\$1,694	\$6,094	\$6,775	\$1,356	\$5,081	\$14,563	\$3,387	\$1,018	\$2,031	\$3,050	\$0
		Header House Removal and Disposal Costs per Wellfield		\$4,303	\$15,485	\$17,209	\$3,443	\$12,907	\$36,996	\$8,604	\$2,583	\$5,161	\$7,745	\$0
		Total Header House Removal and Disposal Costs		\$114,436										
TOTAL REMOVAL AND DISPOSAL COSTS PER WELLFIELD				\$60,174	\$116,343	\$157,861	\$82,119	\$98,809	\$351,088	\$140,742	\$30,721	\$76,124	\$52,605	\$0
TOTAL WELLFIELD BUILDINGS AND EQUIPMENT REMOVAL AND DISPOSAL COSTS				\$1,206,586										

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Well Abandonment				Mine Unit-A	Mine Unit-B	Mine Unit-C	Mine Unit-D	Mine Unit-E	Mine Unit-F	Mine Unit-H	Mine Unit-D Ext.	Mine Unit-I	Mine Unit-J	Mine Unit-JA
I. Well Abandonment (Wellfields)														
	# of Production Wells			0	141	192	45	143	465	155	30	125	120	
	# of Injection Wells			0	319	343	91	307	903	327	67	236	240	
	# of Monitoring Wells			0	67	78	38	86	134	81	20	39	41	
	#of Restoration Wells			0	30	19	0	0	15	0	0	0	0	0
	Total Number of Wells			0	557	632	174	536	1517	563	117	400	401	0
	Average Diameter of Casing (inches)			5	5	5	5	5	5	5	5	5	5	4.5
	Average Depth (ft)			500	450	550	600	550	650	500	600	650	540	500
	Well Abandonment Unit Cost (\$/well)			\$280	\$277	\$284	\$287	\$284	\$290	\$280	\$287	\$290	\$284	\$284
	Subtotal Abandonment Cost per Wellfield			\$0	\$154,233	\$179,235	\$49,929	\$152,010	\$440,385	\$157,781	\$33,573	\$116,120	\$113,724	\$0
	Total Wellfield Abandonment Costs			\$1,396,990										
II. Waste Disposal Well Abandonment				Morton No.1-20	Vollman No.33-27	(Construction not anticipated)								
A. Well Plugging														
	Drill Rig Operation (\$/hr)			150	0									
	Number of Hours			31	0									
	Drill Rig Operating Costs			\$4,650	\$0									
	Cementing Costs			\$7,500	\$0									
	Equipment Transport Costs			\$1,000	\$0									
	Well Cap Welding Costs			\$1,000	\$0									
	Brine Makeup and Injection Costs			\$1,500	\$0									
	Subtotal Well Plugging Costs per Well			\$15,650	\$0									
B. Pump Dismantling and Decontamination														
	Number of Persons			2	0									
	Number of Pumps			2	0									
	Pumps/Day			0.5	0									
	Number of Days			4	0									
	\$/Day/Person			\$112	\$0									
	Subtotal Dismantling and Decon Costs per Well			\$896	\$0									
C. Tubing String Disposal (NRC-Licensed Facility)														
	Length of Tubing String (ft)			9000	0									
	Diameter of Tubing String (inches)			2.875	0									
	Volume of Tubing String (ft ³)			406	0									
	Transportation and Disposal Unit Cost (\$/ft ³)			\$5.62	\$0.00									
	Subtotal Tubing String Disposal Costs per Well			\$2,279	\$0									
	Subtotal Waste Disposal Well Abandonment Costs per Well			\$18,825	\$0									
	Total Waste Disposal Well Abandonment Costs			\$18,825										
TOTAL WELL ABANDONMENT COSTS				\$1,415,815										

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Wellfield and Satellite Surface Reclamation			Mine Unit-A/B	Mine Unit-C	Mine Unit-D	Mine Unit-E	Mine Unit-F	Mine Unit-H	Mine Unit-D Ext.	Mine Unit-I	Mine Unit-J	Mine Unit-JA
I.	Wellfield Pattern Area Reclamation											
	Pattern Area (acres)		20	31	6.5	23	77	26	5	21	28	0
	Disking/Seeding Unit Cost (\$/acre)		\$200	\$200	\$200	\$200	\$200	\$200	\$200	\$200	\$200	\$200
	Subtotal Pattern Area Reclamation Costs per Wellfield		\$4,000	\$6,200	\$1,300	\$4,600	\$15,400	\$5,200	\$1,000	\$4,200	\$5,600	\$0
	Total Wellfield Pattern Area Reclamation Costs		\$47,500									
II.	Wellfield Road Reclamation											
	A. Road Construction Before January 1, 1997											
	Length of Wellfield Roads (1000 ft)		12.2	11.3	2.4	13.3	15	0	0	0	0	0
	Wellfield Road Reclamation Unit Cost (\$/1000 ft)		\$586	\$586	\$586	\$586	\$586	\$586	\$586	\$586	\$586	\$586
	Subtotal Pre-1997 Wellfield Road Reclamation Costs		\$7,149	\$6,622	\$1,406	\$7,794	\$8,790	\$0	\$0	\$0	\$0	\$0
	B. Road Construction After January 1, 1997											
	Length of Wellfield Roads (1000 ft)		0.6	0	0	0	3	15.7	5	5	5	
	Wellfield Road Reclamation Unit Cost (\$/1000 ft)		\$305	\$305	\$305	\$305	\$305	\$305	\$305	\$305	\$305	\$305
	Subtotal Post-1997 Wellfield Road Reclamation Costs		\$183	\$0	\$0	\$0	\$915	\$4,789	\$1,525	\$1,525	\$1,525	\$0
	Subtotal Road Reclamation Costs per Wellfield		\$7,332	\$6,622	\$1,406	\$7,794	\$9,705	\$4,789	\$1,525	\$1,525	\$1,525	\$0
	Total Wellfield Road Reclamation Costs		\$42,223									
SUBTOTAL SURFACE RECLAMATION COSTS PER WELLFIELD			\$11,332	\$12,822	\$2,706	\$12,394	\$25,105	\$9,989	\$2,525	\$5,725	\$7,125	\$0
TOTAL WELLFIELD SURFACE RECLAMATION COSTS			\$89,723									
III.	Satellite Area Reclamation		Satellite No.1	Satellite No.2	Satellite No.3							
	Assumptions:											
	Area of Disturbance (acres)		1	1	1							
	Average Depth of Stripped Topsoil (ft)		1	0.67	0.67							
	Surface Grade: Level Ground											
	Average Length of Topsoil Haul (ft)		1000	500	500							
	A. Ripping Overburden with Dozer											
	Ripping Unit Cost per WDEQ Guideline No.12, App.11 (\$/acre)		\$679.37	\$679.37	\$679.37							
	Unit Cost in \$/acre (July 1998 dollars w/o escalator)		\$590.24	\$590.24	\$590.24							
	Subtotal Ripping Costs		\$590	\$590	\$590							
	B. Topsoil Application with Scraper											
	Volume of Topsoil Removed (cy)		1613	1081	1081							
	Application Unit Cost per WDEQ Guideline No.12, App.C (\$/cy)		\$0.71	\$0.60	\$0.60							
	Unit Cost in \$/cy (July 1998 dollars w/o escalator)		\$0.62	\$0.52	\$0.52							
	Subtotal Topsoil Application Costs		\$995	\$563	\$563							
	C. Discing and Seeding											
	Discing/Seeding Unit Cost (\$/acre)		\$200	\$200	\$200							
	Subtotal Discing/Seeding Costs		\$200	\$200	\$200							
	Subtotal Surface Reclamation Costs per Satellite		\$1,785	\$1,353	\$1,353							
	Total Satellite Building Area Reclamation Costs		\$4,491									
TOTAL WELLFIELD AND SATELLITE SURFACE RECLAMATION COSTS			\$94,214									

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Miscellaneous Reclamation								
I.	CPF/Office Area Reclamation							
	Assumptions							
	Concrete, asphalt, and building material used to backfill low areas							
	No topsoil salvaged or applied (area is pre-law)							
	CPF/Office area = 10 acres							
A.	Ripping and Hauling Asphalt							
	Assumptions							
	Average haul distance (ft)				500			
	Surface grade (%)				0%			
	Average Thickness of Asphalt (ft)				0.5			
	Surface Area (acres)				3.4			
	Ripping Unit Cost per WDEQ Guideline No.12, App.I (\$/acre)				\$474.92			
	Volume of Asphalt (cy)				2743			
	Hauling Unit Cost per WDEQ Guideline No.12, App.C (\$/cy)				\$0.60			
	Total Asphalt Ripping and Hauling Cost				\$3,260			
B.	Borrow Cover							
	1. Topsoil Removal/Replacement							
	Assumptions							
	Surface area of borrow area (acres)				3			
	Six inches of topsoil removed and replaced at borrow area							
	Volume of topsoil (cy)				2420			
	Topsoil Removal/Replacement Unit Cost (\$/cy)				\$1.00			
	Total Topsoil Removal/Replacement Cost				\$2,420			
	2. Borrow Application							
	Assumptions							
	Final borrow cover depth will range from 0 to 4 ft, average = 1 ft							
	Average haul distance = 1000 ft							
	Surface grade (%)				0%			
	Borrow Volume (cy)				16133			
	Borrow Cover Unit Cost per WDEQ Guideline No.12, App.C (\$/cy)				\$0.70			
	Total Borrow Application Cost				\$11,293			
	Total Borrow Cover Cost				\$13,713			
C.	Discing/Seeding							
	Assumptions							
	Includes discing/seeding of borrow area (3 acres)							
	Surface Area (acres)				13			
	Discing/Seeding Unit Cost (\$/acre)				\$200			
	Total Discing/Seeding Costs				\$2,600			
	Total CPF/Office Area Reclamation				\$19,573			
II.	Access Road Reclamation				CPF/Office Area	Sat No. 1	Sat No. 3	Connecting Road
A.	Assumptions							
	CPF/Office Area Road is pre-law (no topsoil applied)							
	Surface grade				5%	0%	0%	0%
	Length of road (miles)				2.5	3	1	2
	Average road width (ft)				25	30	30	30
B.	Ripping and Hauling Asphalt							
	Assumptions							
	Average haul distance (miles)				1.25	0	0	0
	Average Thickness of Asphalt (ft)				0.5	0	0	0
	Asphalt Surface Area (acres)				7.6	0.0	0.0	0.0
	Ripping Unit Cost per WDEQ Guideline No.12, App.I (\$/acre)				\$474.92	\$474.92	\$474.92	\$474.92
	Unit Cost in \$/acre (July 1998 dollars w/o escalator)				\$412.62	\$412.62	\$412.62	\$412.62
	Volume of Asphalt (cy)				6111	0	0	0
	Hauling Unit Cost per WDEQ Guideline No.12, App.C (\$/cy)				\$1.91	\$1.91	\$1.91	\$1.91
	Unit Cost in \$/cy (July 1998 dollars w/o escalator)				\$1.66	\$1.66	\$1.66	\$1.66
	Subtotal Asphalt Ripping and Hauling Costs				\$13,267	\$0	\$0	\$0
B.	Gravel Road Base Removal							
	Assumptions							
	Average haul distance (ft)				0	1000	1000	1000
	Gravel Road Base Width (ft)				0	14	14	14
	Gravel Road Base Area (acres)				0.0	5.1	1.7	3.4
	Average Road Base Depth (ft)				0	0.5	0.5	0.5
	Volume of Road Base (cy)				0	4107	1369	2738
	Removal Unit Cost per WDEQ Guideline No.12, App.C (\$/cy)				\$0.00	\$0.71	\$0.71	\$0.71

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Miscellaneous Reclamation							
		Unit Cost in \$/cy (July 1998 dollars w/o escalator)		\$0.00	\$0.62	\$0.62	\$0.62
		Subtotal Gravel Road Base Removal Costs		\$0	\$2,533	\$844	\$1,689
	C.	Ripping Overburden with Dozer					
		Overburden Surface Area (acres)		0.0	10.9	3.6	7.3
		Ripping Unit Cost per WDEQ Guideline No.12, App.11 (\$/acre)		\$663.93	\$663.93	\$663.93	\$663.93
		Unit Cost in \$/acre (July 1998 dollars w/o escalator)		\$576.83	\$576.83	\$576.83	\$576.83
		Subtotal Ripping Overburden Costs		\$0	\$6,293	\$2,098	\$4,195
	D.	Topsoil Application					
		Assumptions					
		Average haul distance (ft)		0	5000	1500	1500
		Topsoil Surface Area (ft ²)		0	475200	158400	316800
		Depth of Topsoil (ft)		0	0.5	0.5	0.5
		Volume of Topsoil (cy)		0	8800	2933	5867
		Topsoil Unit Cost per WDEQ Guideline No.12, App.C (\$/cy)		\$0.00	\$1.50	\$0.82	\$0.82
		Unit Cost in \$/cy (July 1998 dollars w/o escalator)		\$0.00	\$1.30	\$0.71	\$0.71
		Subtotal Topsoil Application Costs		\$0	\$11,468	\$2,090	\$4,180
	E.	Discing/Seeding					
		Assumptions					
		Surface Area (acres)		7.6	10.9	3.6	7.3
		Discing/Seeding Unit Cost (\$/acre)		\$200	\$200	\$200	\$200
		Subtotal Discing/Seeding Costs		\$1,515	\$2,182	\$727	\$1,455
		Subtotal Reclamation Costs per Access Road		\$14,782	\$22,476	\$5,759	\$11,519
		Total Access Road Reclamation Costs		\$54,536			
				SAT2 to SAT1 WW Pipeline	SAT3 to SAT2 PSR	H-WF Rest. Bypass	
	III.	Wastewater Pipeline Reclamation					
	A.	Pipeline Removal and Loading					
		Length of HDPE Pipe Trench (ft)		24000	22000	2200	
		Main Pipeline Removal Unit Cost (\$/ft of trench)		\$0.85	\$0.85	\$0.85	
		Subtotal Pipeline Removal Costs		\$20,400	\$18,700	\$1,870	
	B.	Pipeline Transportation and Disposal (NRC-Licensed Facility)					
		Pipe Diameter (inches)		3	4	3	
		Chipped Volume Reduction (ft ³ /ft)		0.022	0.032	0.022	
		Subtotal Volume of Shredded PVC Pipe (ft ³)		528	704	48.4	
		Transportation and Disposal Unit Cost (\$/ft ³)		\$5.62	\$5.62	\$5.62	
		Subtotal Pipeline Disposal Costs		\$2,967	\$3,956	\$272	
	C.	Discing/Seeding					
		Assumptions:					
		Width of Pipeline Trench (ft)		10	10	8	
		Area of Pipeline Trench (acres)		5.5	5.1	0.4	
		Discing/Seeding Unit Cost (\$/acre)		\$200	\$200	\$200	
		Subtotal Discing/Seeding Costs		\$1,102	\$1,010	\$81	
		Subtotal Reclamation Costs per Pipeline		\$24,469	\$23,666	\$2,223	
		Total Wastewater Pipeline Reclamation Costs		\$50,358			
	IV.	Radium Settling Basin Reclamation		E. Radium Pond	W. Radium Pond		
	A.	Soil Sampling and Monitoring					
		Number of Soil Samples		10	10		
		\$/Sample		\$60	\$60		
		Subtotal Soil Sampling and Monitoring Costs		\$600	\$600		
	C.	Grade and Contour					
		Volume of Embankment Material (CY)		6,400	6,400		
		Average Grade (%)		0	0		
		Distance (ft)		50	50		
		Material Moving Unit Cost per WDEQ Guideline No.12, App.E (\$/cy)		\$0.092	\$0.092		
		Unit Cost in \$/cy (July 1998 dollars w/o escalator)		\$0.08	\$0.08		
		Subtotal Grade and Contour Costs		\$512	\$512		
	C.	Topsoil Application					
		Assumptions:					
		Area of surface disturbance (ft ²)		37500	37500		
		Average thickness of topsoil (ft)		1	1		
		Average haul distance (ft)		2000	2000		
		Surface grade (%)		0%	0%		
		Volume of Topsoil (cy)		1,389	1,389		
		Topsoil Unit Cost per WDEQ Guideline No.12, App.C (\$/cy)		\$0.92	\$0.92		
		Unit Cost in \$/cy (July 1998 dollars w/o escalator)		\$0.80	\$0.80		

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Miscellaneous Reclamation								
	Subtotal Topsoil Application Costs					\$1,110	\$1,110	
D.	Discing/Seeding							
	Assumptions:							
	Area of surface disturbance (acres)					1	1	
	Discing/Seeding Unit Cost (\$/acre)					\$200	\$200	
	Subtotal Discing/Seeding Costs					\$200	\$200	
	Subtotal Reclamation Costs per Radium Pond					\$2,422	\$2,422	
	Total Radium Settling Basin Reclamation Costs					\$4,843		
V.	Purge Storage Reservoir Reclamation					PSR-1	PSR-2	
A.	Soil Sampling and Analysis Costs					\$3,000	\$3,000	
B.	Leachate Collection System Removal Costs					\$5,000	\$0	
C.	Topsoil/Subsoil Application							
	Assumptions:							
	Average haul distance (ft)					1000	150	
	Surface grade (%)					0%	0%	
	Volume of Topsoil/Subsoil (cy)					83000	74000	
	Topsoil/Subsoil Unit Cost per WDEQ Guideline No.12, App.C (\$/cy)					\$0.71	\$0.71	
	Unit Cost in \$/cy (July 1998 dollars w/o escalator)					\$0.62	\$0.62	
	Topsoil/Subsoil Unit Cost per WDEQ Guideline No.12, App.E (\$/cy)					\$0.194	\$0.194	
	Unit Cost in \$/cy (July 1998 dollars w/o escalator)					\$0.17	\$0.17	
	Subtotal Topsoil/Subsoil Application Costs per Reservoir					\$65,189	\$58,120	
D.	Discing/Seeding							
	Surface Area (acres)					6	32	
	Discing/Seeding Unit Cost (\$/acre)					\$200	\$200	
	Subtotal Discing/Seeding Costs					\$1,200	\$6,400	
	Subtotal Reclamation Costs per Reservoir					\$74,389	\$67,520	
	Total Purge Storage Reservoir Reclamation Costs					\$141,909		
VI.	Irrigation Area Reclamation					Irrigator No. 1A	Irrigator No. 2	
A.	Irrigation Equipment Removal Costs					\$2,000	\$2,000	
B.	Plowing							
	Assumptions:							
	Plowing Unit Cost (\$/acre)					\$30	\$30	
	Irrigation Area (acres)					55	116	
	Number of Cultivations					2	2	
	Subtotal Plowing Costs					\$3,300	\$6,960	
C.	Discing/Seeding							
	Discing/Seeding Unit Cost (\$/acre)					\$200	\$200	
	Subtotal Discing/Seeding Costs					\$11,000	\$23,200	
	Subtotal Reclamation Costs per Irrigation Area					\$16,300	\$32,160	
	Total Irrigation Area Reclamation Costs					\$48,460		
VII.	Drilling Fluid Storage Cell Reclamation							
	Assumptions:							
	Each cell is 100 ft (width) by 100 ft (length) by 10 ft (depth)							
	Volume of each cell, discounting side slopes (cy)					3704		
	Surface area disturbance associated with each cell (acres)					1		
	Average haul distance (ft)					500		
	Surface grade (%)					0		
A.	Topsoil/Subsoil Application							
	Topsoil/Subsoil Unit Cost per WDEQ Guideline No.12, App.C (\$/cy)					\$0.60		
	Unit Cost in \$/cy (July 1998 dollars w/o escalator)					\$0.52		
	Topsoil/Subsoil Application Costs per Storage Cell					\$1,931		
B.	Discing/Seeding							
	Discing/Seeding Unit Cost (\$/acre)					\$200		
	Subtotal Discing/Seeding Costs					\$200		
	Subtotal Reclamation Costs per Storage Cell					\$2,131		
	Total Number of Storage Cells					5		
	Total Drilling Fluid Storage Cell Reclamation Costs					\$10,655		
VIII.	Revegetation of Exxon Reclaimed Lands							
	Assumptions:							
	Reseeding potential areas of erosion (\$/acre)					\$200		
	Surface Area (acres)					217		
	Total Exxon Reclaimed Lands Vegetation Costs					\$43,400		
IX.	Potential Mitigation Plan For Irrigator No.1A (Requested by WDEQ-LQD)							

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Miscellaneous Reclamation									
	Assumptions:								
	Harvesting grass for 2 years will further reduce Se levels in vegetation.								
	Harvest grass for 2 years @ \$2000/year.					\$4,000			
	Analyze Se in grass for 2 years @\$165/sample X 4 samples X 2 yrs.					\$1,320			
	Analyze Se in soil for 2 years @\$174/sample X 28 samples X 2 yrs.					\$9,744			
	Add 1 ft. of Se free water to 58 acre irrigation area @ cost of \$6000.					\$6,000			
	If desired, plow, disk and reseed area with alfalfa @ cost of \$4400.					\$4,400			
	Total Potential Mitigation Plan Costs- Call \$30,000					\$30,000			
X.	Potential Mitigation Plan For Irrigator No.2 (Requested by WDEQ-LQD)								
	Assumptions:								
	Harvesting grass for 2 years will further reduce Se levels in vegetation.								
	Harvest grass for 2 years @ \$4000/year.					\$8,000			
	Analyze Se in grass for 2 years @\$165/sample X 4 samples X 2 yrs.					\$1,320			
	Analyze Se in soil for 2 years @\$174/sample X 32 samples X 2 yrs.					\$11,136			
	Add 1 ft. of Se free water to 116 acre irrigation area @ cost of \$12000.					\$12,000			
	If desired, plow, disk and reseed area with alfalfa @ cost of \$8800.					\$8,800			
	Total Potential Mitigation Plan Costs- Call \$42,000					\$42,000			
XI.	Potential Mitigation Plan for Shallow Well Casing Leak Investigation								
	Assumptions:								
	Investigation and potential mitigation plan as of June 2002.								
	Assume cost of \$250,000.								
	Total Preliminary Cost					\$250,000			
TOTAL MISCELLANEOUS RECLAMATION COSTS						\$695,734			

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RADIUM TREATMENT			
Assumptions:			
1.	Based on actual 1998 operating costs from Satellite No. 2		
Radium Treatment Costs per 1000 Gallons			
	Chemical	= \$	0.177
	Filtration	= \$	0.021
	Electricity	= \$	0.019
	By Product Disposal of Sludge	= \$	0.097
TOTAL RADIUM TREATMENT COSTS PER 1000 GALLONS		= \$	0.31

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GROUNDWATER SWEEP (GWS)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
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POWER RESOURCES INC HIGHLAND URANIUM PROJECT
2006-2007 SURETY ESTIMATE REVISION

REVERSE OSMOSIS (RO)											
Assumptions:											
1.	Based on actual 1998 operating costs at Satellite No. 1. Verified by										
	Hydranautics RO System Design Software, Version 6.0 (1995)										
2.	Cost of electricity = \$0.03/kwh										
3.	80% permeate/20% reject split										
4.	Membrane life of 4 years with a cost of \$695 per membrane element										
5.	Includes cost of pumping from wellfield to RO Unit										
6.	The 20% reject is treated for radium removal prior to irrigation at actual cost of \$0.31/1000										
	gallons										
7.	The 20% reject is disposed at irrigation facility with a 20 hp pump at actual cost of										
	\$0.019/1000 gallons										
8.	The permeate is returned to the wellfield with a 20 hp pump at actual cost of										
	\$0.019/1000 gallons										
9.	Process sampling and analysis costs estimated at \$0.03/1000 gallons										
10.	Labor costs are not included										
Reverse Osmosis Costs per 1000 Gallons											
	Electricity					= \$	0.17				
	Chemicals					= \$	0.26				
	Membrane Replacement					= \$	0.15				
	Repair and Maintenance					= \$	0.26				
	Pumping from Wellfield					= \$	0.37				
	Pumping to Wellfield					= \$	0.019				
	Radium Treatment										
		\$ 0.31	X	0.2		= \$	0.0628				
	Pumping to Irrigator										
		\$ 0.019	X	0.2		= \$	0.004				
	Process Sampling and Analysis					= \$	0.03				
TOTAL RO COSTS PER 1000 GALLONS						= \$	1.33				

POWER RESOURCES INC HIGHLAND URANIUM PROJECT
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CHEMICAL REDUCTANT														
Assumptions:														
1. Bioremediation is utilized														
2. Based on actual 2003-2004 operating costs during restoration activities														
TOTAL CHEMICAL REDUCTANT COSTS PER Kgal													= \$	0.33
July 1998 Dollars													= \$	0.29

POWER RESOURCES INC HIGHLAND URANIUM PROJECT
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ELUTION PROCESSING									
Assumptions:									
1.	Based on actual operating costs								
TOTAL PROCESSING COSTS PER ELUTION									= \$ 525

POWER RESOURCES INC HIGHLAND URANIUM PROJECT
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DEEP WELL INJECTION														
Assumptions:														
1.	Pump 75 hp pumping at 45 gpm													
2.	Cost of electricity = \$0.03/kwh													
3.	Repair and maintenance costs based on average injection volume of 8,000,000 gallons per year													
4.	Repair and maintenance costs estimated at \$1.25/1000 gallons													
5.	Chemical costs based on average injection volume of 8,000,000 gallons per year													
6.	Labor costs are not included													
Waste Disposal Pumping Costs per 1000 Gallons														
	1000 gal	X	75 hp	X	1 hr	X	0.746 kwh	X	\$ 0.03	= \$	0.62			
			45 gpm		60 min		hp		kwh					
Repair and Maintenance Costs per 1000 Gallons														
										= \$	1.25			
Chemical Costs per 1000 Gallons														
										= \$	2.73			
	Scale Inhibitor					= \$	1.20							
	Corrosion Inhibitor					= \$	1.16							
	Oxygen Scavenger					= \$	0.37							
TOTAL DEEP WELL INJECTION COSTS PER 1000 GALLONS														
										= \$	4.60			

POWER RESOURCES INC HIGHLAND URANIUM PROJECT
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WELL ABANDONMENT									
Assumptions:									
1.	Use backhoe for 0.5 hr/well to dig and reclaim pit at cost of \$50/hr.								
2.	Use hose reel/tow vehicle for 2 hr/well to pull hoses and pump plug gel at cost of \$35/hr.								
3.	Use cementer/tow vehicle for 1 hr/well to pump plug gel at cost of \$45/hr.								
4.	Labor for backhoe, hose reel, cementer will require 2 workers at 3.5 hr/well at cost of \$15/hr.								
5.	Materials include one hole plug at \$1.75 and one sack of plug gel/100 ft of 5 inch well casing.								
	Cost of plug gel is \$6.70/sack.								
Well Abandonment Costs									
	Fixed Costs								
	Backhoe								
	0.5	hours	X	\$ 50	per hour		=	\$ 25.00	
	Hose Reel/Tow Vehicle								
	2	hours	X	\$ 35	per hour		=	\$ 70.00	
	Cementer/Tow Vehicle								
	1	hours	X	\$ 45	per hour		=	\$ 45.00	
	Labor								
	7	man	X	\$ 15.00	per man		=	\$ 105.00	
		hours			hour				
	Materials								
	1	hole	X	\$ 1.75	per hole		=	\$ 1.75	
		plug			plug				
				Total Fixed Costs			=	\$ 246.75	
	Variable Costs (per 100 ft of well depth)								
	Materials								
	1	sack plug gel	X	\$ 6.70	per		=	\$ 6.70	
		per 100 feet			sack				
Cost per Well per Unit of Average Depth									
				Well Depth (ft)					
				450			=	\$ 277	
				500			=	\$ 280	
				550			=	\$ 284	
				600			=	\$ 287	
				650			=	\$ 290	

POWER RESOURCES INC HIGHLAND URANIUM PROJECT
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FIVE YEAR MECHANICAL INTEGRITY TESTS (MIT)									
Assumptions:									
1. Based on 1999 PRI costs.									
2. Use Pulling Unit for 0.25 hr/well at cost of \$45/hr.									
3. Use MIT Unit for 1.5 hr/well at cost of \$20/hr.									
4. Labor for operation of pulling unit will require 2 workers at \$15/hr									
5. Labor for operation of MIT Unit will require 1 worker at \$15/hr									
MIT Costs per Well									
Equipment:									
Pulling Unit									
0.25 hours X \$ 45 per hour =\$ 11.25									
MIT Unit									
1.5 hours X \$ 20 per hour =\$ 30.00									
Labor:									
Pulling Unit									
0.25 hours X \$ 15 per hour X 2 workers =\$ \$7.50									
MIT Unit									
1.5 hours X \$ 15 per hour =\$ 22.50									

POWER RESOURCES INC HIGHLAND URANIUM PROJECT
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MAIN PIPELINE REMOVAL									
Assumptions:									
1. Trenching with trackhoe at 1500 ft/day									
2. Pipeline extraction and backfilling with trackhoe at 1500 ft/day									
3. Trackhoe rental: \$1600/week									
4. Fuel cost: \$9/operating hour									
5. Trackhoe operation requires 1 worker at \$15/hour									
6. Pipeline extraction requires 2 workers at \$15/hour (in addition to trackhoe operator)									
7. Pipelines removed simultaneously									
8. Includes removal of manholes									
9. Operating schedule: 8 hrs/day, 5 days/week									
Main Pipeline Removal Costs per ft of Trench									
Equipment									
Trackhoe									
		\$ 1600	X	1 week	X	2 days	= \$	0.43	
		week		5 days		1500 ft			
Fuel									
		\$ 9	X	8 hrs	X	2 days	= \$	0.10	
		hour		1 day		1500 ft			
Labor									
Trackhoe Operation									
		\$ 15	X	8 man hrs	X	2 days	= \$	0.16	
		man hr		1 day		1500 ft			
Pipeline Extraction									
		\$ 15	X	16 man hrs	X	1 day	= \$	0.16	
		man hr		1 day		1500 ft			
MAIN PIPELINE REMOVAL COST PER FT OF TRENCH = \$ 0.85									

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POWER RESOURCES INC HIGHLAND URANIUM PROJECT
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WELLFIELD ROAD RECLAMATION									
Assumptions (Roads constructed before January 1, 1997):									
1. Gravel road base removed at cost of \$0.60/cy/1000 ft (WDEQ Guideline No. 12, App. C, Level Ground, 500 ft haul)									
2. Gravel road base: average depth = 0.25 ft, average width = 10 ft									
3. Roads scarified prior to topsoil application at cost of \$36.30/acre (WDEQ Guideline No. 12, Appendix P)									
4. Grading of scarified roads prior to topsoil application at cost of \$38.45/acre (WDEQ Guideline No. 12, Appendix G)									
5. Topsoil applied at cost of \$0.60/cy/1000 ft (WDEQ Guideline No. 12, App. C, Level Ground, 500 ft haul)									
6. Stripped topsoil: average depth = 0.67 ft, average width = 25 ft									
7. Discing/seeding cost of \$200/acre is based on actual contractor costs									
Gravel Road Base Removal Costs per 1000 ft of Road									
1000 ft	X	0.25 ft	X	10 ft	X	$\frac{1 \text{ cy}}{27 \text{ ft}^3}$	X	$\frac{\$0.60}{\text{cy}}$	= \$ 56
Scarification Costs per 1000 ft of Road									
1000 ft	X	25 ft	X	$\frac{1 \text{ acre}}{4.356 \text{E}+04 \text{ ft}^2}$	X			$\frac{\$36.30}{\text{acre}}$	= \$ 21
Grading Costs per 1000 ft of Road									
1000 ft	X	25 ft	X	$\frac{1 \text{ acre}}{4.356 \text{E}+04 \text{ ft}^2}$	X			$\frac{\$38.45}{\text{acre}}$	= \$ 22
Topsoil Application Costs per 1000 ft of Road									
1000 ft	X	0.67 ft	X	25 ft	X	$\frac{1 \text{ cy}}{27 \text{ ft}^3}$	X	$\frac{\$0.60}{\text{cy}}$	= \$ 372
Discing/Seeding Costs per 1000 ft of Road									
1000 ft	X	25 ft	X	$\frac{1 \text{ acre}}{4.356 \text{E}+04 \text{ ft}^2}$	X			$\frac{\$200}{\text{acre}}$	= \$ 115
TOTAL WELLFIELD ROAD RECLAMATION COSTS PER									
1000 FT OF ROAD (BEFORE JANUARY 1, 1997)									= \$ 586
Assumptions (Roads constructed after January 1, 1997):									
1. Gravel road base will not be removed									
2. Roads scarified prior to topsoil application at cost of \$36.30/acre (WDEQ Guideline No. 12, Appendix P)									
3. Grading of scarified roads prior to topsoil application at cost of \$38.45/acre (WDEQ Guideline No. 12, Appendix G)									
4. Topsoil applied at cost of \$0.60/cy/1000 ft (WDEQ Guideline No. 12, App. C, Level Ground, 500 ft haul)									
5. Stripped topsoil: average depth = 0.4 ft, average width = 20 ft									
6. Discing/seeding cost of \$200/acre is based on actual contractor costs									
Scarification Costs per 1000 ft of Road									
1000 ft	X	20 ft	X	$\frac{1 \text{ acre}}{4.356 \text{E}+04 \text{ ft}^2}$	X			$\frac{\$36.30}{\text{acre}}$	= \$ 17
Grading Costs per 1000 ft of Road									
1000 ft	X	20 ft	X	$\frac{1 \text{ acre}}{4.356 \text{E}+04 \text{ ft}^2}$	X			$\frac{\$38.45}{\text{acre}}$	= \$ 18
Topsoil Application Costs per 1000 ft of Road									
1000 ft	X	0.40 ft	X	20 ft	X	$\frac{1 \text{ cy}}{27 \text{ ft}^3}$	X	$\frac{\$0.60}{\text{cy}}$	= \$ 178
Discing/Seeding Costs per 1000 ft of Road									
1000 ft	X	20 ft	X	$\frac{1 \text{ acre}}{4.356 \text{E}+04 \text{ ft}^2}$	X			$\frac{\$200}{\text{acre}}$	= \$ 92
TOTAL WELLFIELD ROAD RECLAMATION COSTS PER									
1000 FT OF ROAD (AFTER JANUARY 1, 1997)									= \$ 305

POWER RESOURCES INC HIGHLAND URANIUM PROJECT
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BYPRODUCT MATERIAL TRANSPORTATION AND DISPOSAL									
Assumptions:									
1.	Based on actual 2001-2002 contracted costs for transportation to and disposal at an NRC-licensed disposal facility.								
2.	Includes profit for transporter and disposal facility.								
3.	All types of waste shipped vi bulk container (30-yd ³ dumpster or 30-yd ³ dump truck).								
4.	Each shipment contains 30,000 lbs of material.								
		Transportation Cost				Disposal Cost			Total
			\$ 66.67	/yd ³	+		\$ 85.00	/yd ³	= \$ 151.67 /yd ³
								=	\$ 5.62 /ft ³

POWER RESOURCES INC HIGHLAND URANIUM PROJECT
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DISKING/SEEDING								
Assumptions:								
1. Based on actual contractor costs								
TOTAL DISKING/SEEDING COSTS PER ACRE	= \$	200						

POWER RESOURCES INC HIGHLAND URANIUM PROJECT
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Abbreviations/Acronyms						
\$	Dollars					
\$/Kgal	Dollars per 1000 gallons					
avg	average					
ft	feet					
ft ²	square feet					
ft ³	cubic feet					
gal	gallon					
gpm	gallons per minute					
H&S	Health and Safety					
H ₂ S	Hydrogen Sulfide					
H ₂ SO ₄	Sulfuric Acid					
HCl	Hydrochloric Acid					
Hp	Horsepower					
Kgal	1000 gallons					
Kwh	Kilowatt-hours					
NaOH	Caustic Soda					
OD	Outside Diameter					
PPE	personal protective equipment					
PV	Pore Volume Estimate					
reqm't	requirement					
RO	Reverse Osmosis					
WDW	Waste Disposal Well					
yd ³	cubic yards					
yr	year					