

CROW BUTTE RESOURCES, INC.

86 Crow Butte Road
P.O. Box 169
Crawford, Nebraska 69339-0169



(308) 665-2215
(308) 665-2341 – FAX

September 25, 2007

Mr. Michael Linder
Director
Nebraska Department of Environmental Quality
PO Box 98922
Lincoln, Nebraska 68509-8922

Subject: 2008 Surety Estimate
Class III Underground Injection Control Permit Number NE 0122611
Class I Underground Injection Control Permit Number NE 0210457

Dear Mr. Linder:

Attached is the annual update to the surety estimate for the Crow Butte Uranium Mine. This estimate meets the requirements of Chapter 13 of Title 122, *Rules and Regulations for Underground Injection and Mineral Production Wells* and the annual update requirements included in the referenced permits issued by the Nebraska Department of Environmental Quality (NDEQ). Also attached as required in the approved minor permit modification dated August 21, 2007, is an audit statement from George W. Klein, an independent professional auditing firm.

The surety estimate for 2008 is \$25,207,672, an increase of \$2,226,759 over the 2007 surety estimate of \$22,980,913. All costs are current to August 2007 with the exception of the Deep Disposal Well Decommissioning which has been escalated from the March 2004 Permit Re-application. Significant changes reflected in the surety estimate for 2008 include the following items:

- 1) The addition of the tanks and piping necessary to increase the flow through the Central Plant and the Restoration Circuit.
- 2) The estimate includes continued development of Mine Unit 11, with one wellhouse installed in this mine unit by the end of 2008. 366 wells are also projected for Mine Unit 11, which is an increase of 91 wells over the 2007 surety estimate. In addition, 131 additional wells are included for Mine Unit 10. In all, the 2008 surety includes the costs associated with 222 new wells installed in Mine Units 10 and 11. The areal extent of Mine Units 10 and 11 was increased by 1,203,100 square feet (27.4 acres) to reflect the projected expansion in these mine units. These additional mining wells and areas resulted in significant increases in the wellfield reclamation, and well plugging and abandonment costs; and

CROW BUTTE RESOURCES, INC.



Mr. Michael Linder
September 25, 2007
Page 2

3) The 2008 escalation factor of 2.7% is based on the increase of the June 2007 Consumer Price Index (CPI) over the June 2006 CPI and was applied to labor and some materials. The Master Cost Basis sheets (sheets 29 through 33) indicate the basis for the increase in these cost elements.

The most significant factors contributing to the increased surety estimate include wellfield reclamation (+\$595,465), contract administration (+\$178,141), contingency (+\$267,211), disposal of unpackaged bulk materials (+\$523,756), and plant demolition costs (+\$119,298). Some cost savings are realized under groundwater restoration due to the pumping efficiency achieved by increasing the restoration flow. Sheet 2 of the attached estimate presents the changes for selected cost elements over the 2007 surety estimate.

Upon approval of the surety estimate update by the NDEQ, Crow Butte Resources, Inc. (CBR) will provide a secured letter of credit on the renewal date to the State of Nebraska in an amount equal to the updated surety estimate.

If you have any questions or require any further information, please do not hesitate to call me at (308) 665-2215 ext 114.

Sincerely,
CROW BUTTE RESOURCES, INC.

A handwritten signature in cursive script that reads "Larry Teahon".

Larry Teahon
Manager of Environmental, Health and Safety

Enclosure

cc: Mr. Keith I. McConnell, Deputy Director
Decommissioning and Uranium Recovery Licensing Directorate
Division of Waste Management and Environmental Protection
Office of Federal and State Materials and Environmental Management Programs
U.S. Nuclear Regulatory Commission
Mailstop T7-E18
Washington D.C. 20555-0001

CROW BUTTE RESOURCES, INC.



Mr. Michael Linder
September 25, 2007
Page 3

U.S. Nuclear Regulatory Commission
Mr. Steve Cohen - ADDRESSEE ONLY
Fuel Cycle Licensing Branch
Mail Stop T7-E18
Washington, DC 20555-0001

**REVIEW OF
CROW BUTTE RESOURCES, INC.**

**URANIUM PROJECT 2008 SURETY ESTIMATE
AGREED UPON PROCEDURES ENGAGEMENT REVIEW**

**George W. Klein
Certified Public Accountant
Chadron, Nebraska**

September 20, 2007

Stephen P. Collings, President
Crow Butte Resources, Inc.
141 Union Boulevard, Suite 320
Lakewood, CO 80228

Dear Mr. Collings:

This report shows the findings for each of the services I have performed as outlined in our engagement letter for the Crow Butte Uranium Project 2008 Surety Estimate. These findings were based on the review of the spreadsheets received September 12, 2007 through September 19, 2007 with the Total 2008 Surety Bond estimate totaling \$25,207,672.

No findings in the review of the results of the mathematical calculations used in the surety estimate worksheet. A few cosmetic items were discussed but they did not affect the total calculation of the surety amount.

No findings in the review and confirmation of selected items that support the master costs used in preparing the surety estimate worksheet.

No findings in the further tests and procedures I considered necessary to enable me to express an opinion on the master costs and the calculations used in the surety estimate.

This agreed upon procedures review was conducted in accordance with Statements on Standards for Accounting and Review Services issued by the American Institute of Certified Public Accountants. I was not engaged to and did not conduct an audit, and accordingly, will not express an opinion or any other form of assurance involved in conducting an audit. My report cannot be relied upon to disclose errors, fraud, or illegal acts that may exist.

The management of Crow Butte Resources, Inc. was responsible for making all records and related information used in the preparation of the surety estimate available to me. They were responsible for the accuracy and completeness of that information and for disclosing all significant information that might affect the surety estimate.

This report is intended solely for the information and use of the Crow Butte Resources, Inc., the Nebraska Department of Environmental Quality, and Fuel Cycle Licensing Branch in evaluating the 2008 Surety Estimate and is not intended and should not be used by anyone other than these specified parties.

I appreciate the opportunity to be of service to the Crow Butte Resources, Inc.

Sincerely,

A handwritten signature in black ink, appearing to read "George W. Klein". The signature is written in a cursive, flowing style.

George W. Klein, CPA

GWK/bm

Crow Butte Resources, Inc.
 Crow Butte Uranium Project 2008 Surety Estimate
 (Revised September 2007)

Total Restoration and Reclamation Cost Estimate

I.	Groundwater Restoration (Sheets 3 to 6)		\$12,643,133
II.	Wellfield Reclamation (Sheets 7 to 10)		\$5,860,317
III.	Commercial Plant Reclamation/Decommissioning (Sheets 11 to 14)		\$619,244
IV.	R.O. Building Reclamation/Decommissioning (Sheets 11 to 14)		\$91,050
V.	Evaporation Pond Reclamation (Sheets 15 to 18)		\$713,233
VI.	Miscellaneous Site Reclamation (Sheets 19 to 21)		\$143,608
VII.	Deep Disposal Well Reclamation (Sheet 22)		\$68,346
VIII.	I-196 Brule Aquifer Restoration (Sheets 23 to 24)		\$27,206
	Subtotal Reclamation and Restoration Cost Estimate		\$20,166,137
	Contract Administration	10%	\$2,016,614
	Contingency	15%	\$3,024,921
		TOTAL	\$25,207,672

Crow Butte Resources, Inc.
Crow Butte Uranium Project 2008 Surety estimate
(Revised September 2007)

Comparison of Total Surety and Major Cost Elements to Previous Year						
Projected Costs for 2008 are Compared with Costs for 2007 and Changes are Calculated						
		<u>2008</u>	<u>2007</u>	<u>Change</u>		
Total Surety		\$25,207,672	\$22,980,913	\$2,226,759		
Contract Administration		<u>2008</u>	<u>2007</u>	<u>Change</u>		
		\$2,016,614	\$1,838,473	\$178,141		
Contingency		<u>2008</u>	<u>2007</u>	<u>Change</u>		
		\$3,024,921	\$2,757,710	\$267,211		
Groundwater Restoration		<u>2008</u>	<u>2007</u>	<u>Change</u>		
Groundwater Sweep						
Total Gallons Processed (Kgal)		522,280	488,249	34,031		
Total Cost		\$339,482	\$297,832	\$41,650		
RO Treatment						
Total Gallons Processed (Kgal)		3,133,680	2,929,494	204,186		
Total Cost		\$6,612,065	\$6,649,951	(\$37,886)		
Recirculation						
Total Gallons Processed (Kgal)		522,280	488,249	34,031		
Total Cost		\$459,606	\$410,129	\$49,477		
Sampling and Monitoring						
Total On Site Samples		31,118	30,863	255		
Total On Site Analysis Costs		\$1,597,909	\$1,600,864	(\$2,955)		
Total Contract Samples		1,355	1,423	-68		
Total Contract Analysis Costs		\$271,000	\$284,600	(\$13,600)		
Wellfield Reclamation		<u>2008</u>	<u>2007</u>	<u>Change</u>		
Pipeline Removal and Loading		\$897,940	\$780,373	\$117,567		
Well Abandonment						
Total Number of Wells		4,402	4,142	260		
Total Abandonment Cost		\$1,955,260	\$1,359,795	\$595,465		
Site Reclamation		<u>2008</u>	<u>2007</u>	<u>Change</u>		
Site Earthwork		\$577,559	\$526,767	\$50,792		
Plant and Equipment Decontamination		<u>2008</u>	<u>2007</u>	<u>Change</u>		
Decontamination Costs		\$113,016	\$90,186	\$22,830		
Demolition Costs		\$346,500	\$227,202	\$119,298		
Piping Shredding Costs		\$316,023	\$264,536	\$51,487		
Transportation and Disposal		<u>2008</u>	<u>2007</u>	<u>Change</u>		
Byproduct Material						
Soil-Type Materials, Total Volume (Yd3)		4,265	3,860	405		
Soil-Type Materials, Total Cost		\$588,071	\$519,189	\$68,882		
Unpackaged Bulk Materials, Total Volume (Yd3)		2,293	1,846	447		
Unpackaged Bulk Materials, Total Cost		\$768,862	\$245,106	\$523,756		

Crow Butte Resources Inc.
Crow Butte Uranium Project 2008 Surety Estimate
(Revised September 2007)

Ground Water Restoration															
					Mine Unit 2	Mine Unit 3	Mine Unit 4	Mine Unit 5	Mine Unit 6	Mine Unit 7	Mine Unit 8	Mine Unit 9	Mine Unit 10	Mine Unit 11	Total
I. Ground Water Sweep Costs															
	PV's Required				1	1	1	1	1	1	1	1	1	0	
	Total Kgals for Treatment				18018	15894	28917	43800	50364	59291	89752	75858	140386	0	522280
	Ground Water Sweep Unit Cost (\$/Kgal)	(Sheet 25)			\$0.65	\$0.65	\$0.65	\$0.65	\$0.65	\$0.65	\$0.65	\$0.65	\$0.65	\$0.65	
	Subtotal Ground Water Sweep Costs per Wellfield				\$11,711.70	\$10,331.10	\$18,796.05	\$28,470.00	\$32,736.60	\$38,539.15	\$58,338.80	\$49,307.70	\$91,250.90	\$0.00	\$339,482.00
	Total Ground Water Sweep Costs				\$339,482.00										
II. Reverse Osmosis Costs															
	PV's Required				6	6	6	6	6	6	6	6	6	0	
	Total Kgals for Treatment				108108	95364	173502	262800	302184	355746	538512	455148	842316	0	3133680
	Reverse Osmosis Unit Cost (\$/Kgal)	(Sheet 26)			\$2.11	\$2.11	\$2.11	\$2.11	\$2.11	\$2.11	\$2.11	\$2.11	\$2.11	\$2.11	\$2.11
	Subtotal Reverse Osmosis Costs per Wellfield				\$228,107.88	\$201,218.04	\$366,089.22	\$554,508.00	\$637,608.24	\$750,624.06	\$1,136,260.32	\$960,362.28	\$1,777,286.76	\$0.00	\$6,612,064.80
	Total Reverse Osmosis Costs				\$6,612,064.80										
III. Recirculation Costs															
	PV's Required				1	1	1	1	1	1	1	1	1	0	
	Total Kgals for Treatment				18018	15894	28917	43800	50364	59291	89752	75858	140386	0	522280
	Recirculation Unit Cost (\$/Kgal)	(Sheet 27)			\$0.88	\$0.88	\$0.88	\$0.88	\$0.88	\$0.88	\$0.88	\$0.88	\$0.88	\$0.88	\$0.88
	Subtotal Recirculation Costs per Wellfield				\$15,855.84	\$13,986.72	\$25,446.96	\$38,544.00	\$44,320.32	\$52,176.08	\$78,981.76	\$66,755.04	\$123,539.68	\$0.00	\$459,606.40
	Total Recirculation Costs				\$459,606.40										
IV. Consumables															
	Spare parts, filters and consumables =		\$19,769.75	year											
	Active restoration period (months)				6.89	6.08	11.04	16.74	19.25	22.67	34.30	29.00	53.66	0.00	199.63
	Consumable usage (months restoration x annual rate estimate)				\$11,351.13	\$10,016.67	\$18,188.17	\$27,578.80	\$31,713.97	\$37,348.35	\$56,508.54	\$47,776.90	\$88,403.73	\$0.00	\$328,886.26
	Subtotal Consumables per Mine Unit				\$11,351.13	\$10,016.67	\$18,188.17	\$27,578.80	\$31,713.97	\$37,348.35	\$56,508.54	\$47,776.90	\$88,403.73	\$0.00	\$328,886.26
	Total Consumables Costs				\$328,886.26										

Crow Butte Resources Inc.
Crow Butte Uranium Project 2008 Surety Estimate
(Revised September 2007)

Ground Water Restoration															
					Mine Unit 2	Mine Unit 3	Mine Unit 4	Mine Unit 5	Mine Unit 6	Mine Unit 7	Mine Unit 8	Mine Unit 9	Mine Unit 10	Mine Unit 11	Total
V.	Monitoring and Sampling Costs														
	Guideline 8 analysis =	\$200.00	analysis												
	6 parameter in-house analysis =	\$51.35	analysis												
	Total restoration wells				12	18	43	33	29	25	30	21	32	0	243
	Total monitor wells				13	10	22	48	54	33	50	33	63	0	326
	Groundwater sweep duration (months)				0.36	0.32	0.57	0.87	1.00	1.18	1.78	1.51	2.79	0.00	10.38
	Reverse Osmosis duration (months)				6.17	5.44	9.90	15.00	17.25	20.31	30.74	25.98	48.08	0.00	178.87
	Recirculation duration (months)				0.36	0.32	0.57	0.87	1.00	1.18	1.78	1.51	2.79	0.00	10.38
	Stabilization duration (months)				6	6	6	6	6	6	6	6	6	0	
	A. Restoration Well Sampling														
	1. Well Sampling prior to restoration start														
	# of Wells				12	18	43	33	29	25	30	21	32	0	243
	\$/sample				\$200.00	\$200.00	\$200.00	\$200.00	\$200.00	\$200.00	\$200.00	\$200.00	\$200.00	\$200.00	
	2. Groundwater Sweep Sampling														
	# of Wells				12	18	43	33	29	25	30	21	32	0	
	Total # samples				12	18	43	33	29	50	60	42	96	0	383
	\$/sample				\$51.35	\$51.35	\$51.35	\$51.35	\$51.35	\$51.35	\$51.35	\$51.35	\$51.35	\$51.35	
	3. RO Sampling														
	# of Wells				12	18	43	33	29	25	30	21	32	0	
	Total # samples				72	90	430	495	493	500	930	546	1536	0	5092
	\$/sample				\$51.35	\$51.35	\$51.35	\$51.35	\$51.35	\$51.35	\$51.35	\$51.35	\$51.35	\$51.35	

Crow Butte Resources Inc.
Crow Butte Uranium Project 2008 Surety Estimate
(Revised September 2007)

Ground Water Restoration														
				Mine Unit 2	Mine Unit 3	Mine Unit 4	Mine Unit 5	Mine Unit 6	Mine Unit 7	Mine Unit 8	Mine Unit 9	Mine Unit 10	Mine Unit 11	Total
4.	Recirculation Sampling													
	# of Wells			12	18	43	33	29	25	30	21	32	0	
	Total # samples			12	18	43	33	29	50	60	42	96	0	383
	\$/sample			\$200.00	\$200.00	\$200.00	\$200.00	\$200.00	\$200.00	\$200.00	\$200.00	\$200.00	\$200.00	
5.	Stabilization Sampling (Guideline 8)													
	# of Wells			12	18	43	33	29	25	30	21	32	0	
	Total # samples			36	54	129	99	87	75	90	63	96	0	729
	\$/sample			\$200.00	\$200.00	\$200.00	\$200.00	\$200.00	\$200.00	\$200.00	\$200.00	\$200.00	\$200.00	
6.	Stabilization Sampling (6 parameter in-house)													
	# of Wells			12	18	43	33	29	25	30	21	32	0	
	Total # samples			72	108	258	198	174	150	180	126	192	0	1458
	\$/sample			\$51.35	\$51.35	\$51.35	\$51.35	\$51.35	\$51.35	\$51.35	\$51.35	\$51.35	\$51.35	
7.	Monitor Well Sampling													
	# of Wells			13	10	22	48	54	33	50	33	63	0	
	\$/sample			\$51.35	\$51.35	\$51.35	\$51.35	\$51.35	\$51.35	\$51.35	\$51.35	\$51.35	\$51.35	
	Total # samples (2.2/mo for entire period)			369	266	825	2401	3000	2081	4433	2541	8269	0	24185
8.	Other Laboratory Costs													
	Radon, urinalysis, etc. =				\$936.62	month								
	Total for Other Laboratory Costs:			\$6,453.31	\$5,694.65	\$10,340.28	\$15,679.02	\$18,029.94	\$21,233.18	\$32,126.07	\$27,161.98	\$50,259.03	\$0.00	\$186,977.46
	Subtotal Monitoring and Sampling Costs per Mine Unit			\$45,412.06	\$48,445.35	\$133,240.88	\$209,250.47	\$236,819.54	\$194,037.53	\$355,840.12	\$219,506.23	\$613,334.58	\$0.00	\$2,055,886.76
	Total Monitoring and Sampling Costs			\$2,055,886.76										

Crow Butte Resources Inc.
Crow Butte Uranium Project 2008 Surety Estimate
(Revised September 2007)

Ground Water Restoration																
						Mine Unit 2	Mine Unit 3	Mine Unit 4	Mine Unit 5	Mine Unit 6	Mine Unit 7	Mine Unit 8	Mine Unit 9	Mine Unit 10	Mine Unit 11	Total
VI.	Supervisory Labor Cost															
	Engineer Support =															
	HP Technician support =															
	Active restoration period (months)					6.89	6.08	11.04	16.74	19.25	22.67	34.30	29.00	53.66	0.00	
	Stabilization period (months)					6	6	6	6	6	6	6	6	6	0	
	1 Engineer support during active restoration					\$61,561.46	\$54,324.19	\$98,641.30	\$149,570.23	\$171,996.83	\$202,554.18	\$306,467.07	\$259,112.10	\$479,446.73	\$0.00	\$1,783,674.09
	2 HP Technician support during active restoration					\$31,134.53	\$27,474.30	\$49,887.55	\$75,644.71	\$86,986.90	\$102,441.20	\$154,994.84	\$131,045.20	\$242,478.81	\$0.00	\$902,088.04
	3 Engineer support during final stabilization												\$53,609.40	\$53,609.40	\$0.00	\$107,218.80
	4 HP Technician support during final stabilization												\$27,112.80	\$27,112.80	\$0.00	\$54,225.60
	Subtotal Supervisory Labor per Mine Unit					\$92,695.99	\$81,798.49	\$148,528.85	\$225,214.94	\$258,983.73	\$304,995.38	\$461,461.91	\$470,879.50	\$802,647.74	\$0.00	\$2,847,206.53
	Total Supervisory Labor Costs					\$2,847,206.53										
	TOTAL RESTORATION COST PER WELLFIELD					\$405,134.60	\$365,796.37	\$710,290.13	\$1,083,566.21	\$1,242,182.40	\$1,377,720.55	\$2,147,391.45	\$1,814,587.65	\$3,496,463.39	\$0.00	\$12,643,132.75
	TOTAL GROUND WATER RESTORATION COSTS					\$12,643,132.75										

Crow Butte Resources Inc.
Crow Butte Uranium Project 2008 Surety Estimate
(Revised September 2007)

Wellfield Reclamation													
	Mine Unit 1	Mine Unit 2	Mine Unit 3	Mine Unit 4	Mine Unit 5	Mine Unit 6	Mine Unit 7	Mine Unit 8	Mine Unit 9	Mine Unit 10	Mine Unit 11	Totals	
Wellfield Piping													
Assumptions:													
Number of Wellhouses	0	3	3	5	7	7	6	8	7	5	3	54	
Total Mine Unit surface area (acres)	9.27	11.70	13.46	23.72	31.75	34.61	51.01	57.92	48.95	74.29	53.33	410.01	
Total length of small diameter production and injection lines (laterals) (ft)	0	34000	39520	68900	106080	128700	160500	187000	161950	96800	69000	1052450	
Total length of 3/8-inch hose (ft)					66300							66300	
Total length 1-1/4-inch stinger pipe (ft)	0	0	0	0	0	91200	125860	90000	131600	75000	22000	535660	
Total length of 2-inch downhole production pipe (ft)	900	6000	22800	38400	38800	74800	138960	58760	74000	45000	13200	511620	
Total Length of Trunkline (6-inch) (ft)	1000	1600						900				3500	
Total Length of Trunkline (8-inch) (ft)	4400	1300	1450	7800	3700	2000	1000	2100	2225	3200	1400	30575	
Total Length of Trunkline (10-inch) (ft)								400				400	
Total Length of Trunkline (12-inch) (ft)			1500	6500	18900	10000	5000	16900	11525	5450	5000	80775	
Total Length of All Trunkline (ft)	5400	2900	2950	14300	22600	12000	6000	20300	13750	8650	6400	115250	
Total number of production wells	3	52	57	96	187	187	205	248	195	260	120	1610	
Total number of injection wells	0	79	96	169	221	309	370	412	324	430	200	2610	
Total number of shallow monitor wells	0	3	3	11	25	28	25	30	20	32	24	201	
Total number of perimeter monitor wells	11	10	7	11	23	26	8	20	13	31	22	182	
E. Production and Injection Piping													
A. Removal and Loading													
Production and Injection Piping Removal Unit Cost (\$/ft of pipe)	\$0.65	\$0.65	\$0.65	\$0.65	\$0.65	\$0.65	\$0.65	\$0.65	\$0.65	\$0.65	\$0.65	\$0.65	
Subtotal Production and Injection Piping Removal and Loading Costs	\$0.00	\$22,100.00	\$25,688.00	\$44,785.00	\$68,952.00	\$83,655.00	\$104,325.00	\$121,550.00	\$105,267.50	\$62,920.00	\$44,850.00	\$684,092.50	
B. Pipe Shredding													
Production and Injection Piping Shredding Unit Cost (\$/ft of pipe)	\$0.08	\$0.08	\$0.08	\$0.08	\$0.08	\$0.08	\$0.08	\$0.08	\$0.08	\$0.08	\$0.08	\$0.08	
Subtotal Production and Injection Piping Removal and Loading Costs	\$0.00	\$2,720.00	\$3,161.60	\$5,512.00	\$8,486.40	\$10,296.00	\$12,840.00	\$14,960.00	\$12,956.00	\$7,744.00	\$5,520.00	\$84,196.00	
C. Equipment Costs													
Cat 924G Loader Unit Costs for removal (450/day)	\$0.00	\$33,135.64	\$38,515.31	\$67,148.41	\$103,383.21	\$125,428.16	\$156,419.73	\$182,246.04	\$157,832.87	\$94,339.13	\$67,245.87	\$1,250,217.03	
Shredder Unit Costs for shredding (450/day)	\$0.00	\$7,253.33	\$8,430.93	\$14,698.67	\$22,630.40	\$27,456.00	\$34,240.00	\$39,893.33	\$34,549.33	\$20,650.67	\$14,720.00	\$1,250,217.03	
Subtotal Equipment Costs	\$0.00	\$40,388.97	\$46,946.24	\$81,847.08	\$126,013.61	\$152,884.16	\$190,659.73	\$222,139.37	\$192,382.20	\$114,989.80	\$81,965.87	\$1,250,217.03	
D. Transport and Disposal Costs (NRC-Licensed Facility)													
Chipped Volume Reduction (ft ³ /ft)	0.0069	0.0069	0.0069	0.0069	0.0069	0.0069	0.0069	0.0069	0.0069	0.0069	0.0069	0.0069	
Chipped Volume per Wellfield (yd ³)	0.0	8.7	10.1	17.6	27.1	32.9	41.0	47.8	41.4	24.7	17.6	336.3	
Volume for Disposal Assuming 25% Void Space (yd ³)	0.0	10.9	12.6	22.0	33.9	41.1	51.3	59.8	51.8	30.9	22.0	336.3	
Transportation and Disposal Unit Cost (\$/yd ³) Unpackaged Bulk	\$334.87	\$334.87	\$334.87	\$334.87	\$334.87	\$334.87	\$334.87	\$334.87	\$334.87	\$334.87	\$334.87	\$334.87	
Subtotal Production and Injection Piping Transport and Disposal Costs	\$0.00	\$3,650.08	\$4,219.36	\$7,367.14	\$11,352.09	\$13,763.16	\$17,178.83	\$20,025.23	\$17,346.27	\$10,347.48	\$7,367.14	\$112,616.78	
Total Production and Injection Piping Costs	\$0.00	\$68,859.05	\$80,015.20	\$139,511.22	\$214,804.10	\$260,598.32	\$325,003.56	\$378,674.60	\$327,951.97	\$196,001.28	\$139,703.01	\$2,131,122.31	

Crow Butte Resources Inc.
Crow Butte Uranium Project 2008 Surety Estimate
(Revised September 2007)

Wellfield Reclamation															
		Mine Unit 1	Mine Unit 2	Mine Unit 3	Mine Unit 4	Mine Unit 5	Mine Unit 6	Mine Unit 7	Mine Unit 8	Mine Unit 9	Mine Unit 10	Mine Unit 11	Totals		
II. Trunklines															
A. Removal and Loading															
	Trunkline Removal Unit Cost (\$/ft of pipe)	\$1.46	\$1.46	\$1.46	\$1.46	\$1.46	\$1.46	\$1.46	\$1.46	\$1.46	\$1.46	\$1.46	\$1.46		
	Subtotal Trunkline Removal and Loading Costs	\$7,884.00	\$4,234.00	\$4,307.00	\$20,878.00	\$32,996.00	\$17,520.00	\$8,760.00	\$29,638.00	\$20,075.00	\$12,629.00	\$9,344.00	\$168,265.00		
B. Pipe Shredding															
	Trunkline Shredding Unit Cost (\$/ft of pipe)	\$1.46	\$1.46	\$1.46	\$1.46	\$1.46	\$1.46	\$1.46	\$1.46	\$1.46	\$1.46	\$1.46	\$1.46		
	Subtotal Trunkline Shredding Costs	\$7,884.00	\$4,234.00	\$4,307.00	\$20,878.00	\$32,996.00	\$17,520.00	\$8,760.00	\$29,638.00	\$20,075.00	\$12,629.00	\$9,344.00	\$168,265.00		
C. Equipment Costs															
	Cat 924G Loader Unit Costs for removal (200/day)	\$11,841.12	\$6,359.12	\$6,468.76	\$31,357.04	\$49,557.28	\$26,313.60	\$13,156.80	\$44,513.84	\$30,151.00	\$18,967.72	\$14,033.92			
	Shredder Unit Costs for shredding (200/day)	\$2,592.00	\$1,392.00	\$1,416.00	\$6,864.00	\$10,848.00	\$5,760.00	\$2,880.00	\$9,744.00	\$6,600.00	\$4,152.00	\$3,072.00			
	Subtotal Equipment Costs	\$14,433.12	\$7,751.12	\$7,884.76	\$38,221.04	\$60,405.28	\$32,073.60	\$16,036.80	\$54,257.84	\$36,751.00	\$23,119.72	\$17,105.92	\$308,040.20		
D. Transport and Disposal Costs (NRC-Licensed Facility)															
	Chipped Volume Reduction (6-inch) (ft ³ /ft)	0.0651	0.0651	0.0651	0.0651	0.0651	0.0651	0.0651	0.0651	0.0651	0.0651	0.0651	0.0651		
	Chipped Volume Reduction (8-inch) (ft ³ /ft)	0.1103	0.1103	0.1103	0.1103	0.1103	0.1103	0.1103	0.1103	0.1103	0.1103	0.1103	0.1103		
	Chipped Volume Reduction (10-inch) (ft ³ /ft)	0.1712	0.1712	0.1712	0.1712	0.1712	0.1712	0.1712	0.1712	0.1712	0.1712	0.1712	0.1712		
	Chipped Volume Reduction (12-inch) (ft ³ /ft)	0.2408	0.2408	0.2408	0.2408	0.2408	0.2408	0.2408	0.2408	0.2408	0.2408	0.2408	0.2408		
	Chipped Volume per Wellfield (yd ³)	20.4	9.2	19.3	89.8	183.7	97.4	48.7	164.0	111.9	61.7	50.3			
	Volume for Disposal Assuming 25% Void Space (ft ³)	25.5	11.5	24.1	112.3	229.6	121.8	60.9	205.0	139.9	77.1	62.9	1070.6		
	Transportation and Disposal Unit Cost (\$/ft ³)	\$334.87	\$334.87	\$334.87	\$334.87	\$334.87	\$334.87	\$334.87	\$334.87	\$334.87	\$334.87	\$334.87	\$334.87		
	Subtotal Transport and Disposal Costs	\$8,539.19	\$3,851.07	\$8,070.37	\$37,605.90	\$76,886.15	\$40,787.17	\$20,393.58	\$68,648.35	\$46,848.31	\$25,818.48	\$21,063.32	\$358,511.83		
	Total Trunkline Costs	\$38,740.31	\$20,070.13	\$24,569.13	\$117,582.94	\$283,283.43	\$107,900.77	\$53,950.38	\$182,182.19	\$123,749.31	\$74,196.20	\$56,857.24	\$1,003,082.03		
III. Downhole Pipe															
A. Removal and Loading															
	Downhole Piping Removal Unit Cost (\$/ft of pipe)	\$0.070	\$0.070	\$0.070	\$0.070	\$0.070	\$0.070	\$0.070	\$0.070	\$0.070	\$0.070	\$0.070	\$0.070		
	Downhole Hosing Removal Unit Cost (\$/ft of pipe)	\$0.150	\$0.150	\$0.150	\$0.150	\$0.150	\$0.150	\$0.150	\$0.150	\$0.150	\$0.150	\$0.150	\$0.150		
	Removal of 1-1/4-inch stinger pipe	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$6,384.00	\$8,810.20	\$6,300.00	\$9,212.00	\$5,250.00	\$1,540.00			
	Removal of downhole production pipe	\$63.00	\$420.00	\$1,596.00	\$2,688.00	\$2,716.00	\$5,236.00	\$9,727.20	\$4,113.20	\$5,180.00	\$3,150.00	\$924.00			
	Removal of downhole hose	\$0.00	\$0.00	\$0.00	\$0.00	\$9,945.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00			
	Subtotal Downhole Piping Removal and Loading Costs	\$63.00	\$420.00	\$1,596.00	\$2,688.00	\$12,661.00	\$11,620.00	\$18,537.40	\$10,413.20	\$14,392.00	\$8,400.00	\$2,464.00	\$83,254.60		
B. Pipe Shredding															
	Downhole Piping Shredding Unit Cost (\$/ft of pipe)	\$0.060	\$0.060	\$0.060	\$0.060	\$0.060	\$0.060	\$0.060	\$0.060	\$0.060	\$0.060	\$0.060	\$0.060		
	Subtotal Downhole Piping Shredding Costs	\$4.00	\$360.00	\$1,368.00	\$2,304.00	\$2,328.00	\$9,960.00	\$15,889.20	\$8,925.60	\$12,336.00	\$7,200.00	\$2,112.00	\$62,836.80		
C. Equipment Costs															
	Smeal Unit Costs for removal	\$44.40	\$296.00	\$1,124.80	\$1,894.40	\$1,914.13	\$8,189.33	\$13,064.45	\$7,338.83	\$10,142.93	\$5,920.00	\$1,736.53			
	Shredder Unit Costs for shredding	\$19.20	\$128.00	\$486.40	\$819.20	\$827.73	\$3,541.33	\$5,649.49	\$3,173.55	\$4,386.13	\$2,560.00	\$750.93			
	Subtotal Equipment Costs	\$63.60	\$424.00	\$1,611.20	\$2,713.60	\$2,741.86	\$11,730.66	\$18,713.94	\$10,512.38	\$14,529.06	\$8,480.00	\$2,487.46	\$74,007.76		

Crow Butte Resources Inc.
Crow Butte Uranium Project 2008 Surety Estimate
(Revised September 2007)

Wellfield Reclamation													
	Mine Unit 1	Mine Unit 2	Mine Unit 3	Mine Unit 4	Mine Unit 5	Mine Unit 6	Mine Unit 7	Mine Unit 8	Mine Unit 9	Mine Unit 10	Mine Unit 11	Totals	
D. Transport and Disposal Costs (NRC-Licensed Facility)													
Chipped Volume Reduction - 1-1/4-inch stinger (ft ³ /ft)	0.0044	0.0044	0.0044	0.0044	0.0044	0.0044	0.0044	0.0044	0.0044	0.0044	0.0044	0.0044	
Chipped Volume Reduction - 2-inch downhole production (ft ³ /ft)	0.0074	0.0074	0.0074	0.0074	0.0074	0.0074	0.0074	0.0074	0.0074	0.0074	0.0074	0.0074	
Volume Reduction - 3/8-inch hose (ft ³ /ft)	0.0313	0.0313	0.0313	0.0313	0.0313	0.0313	0.0313	0.0313	0.0313	0.0313	0.0313	0.0313	
Chipped Volume - 1-1/4-inch stinger (ft ³)	0	0	0	0	0	401	554	396	579	330	97		
Chipped Volume - 2-inch downhole production (ft ³)	7	44	169	284	287	554	1028	435	548	333	98		
Volume 3/8-inch hose (ft ³)	0	0	0	0	2075	0	0	0	0	0	0		
Volume for Disposal Assuming 25% Void Space (yd ³)	0.3	2.0	7.8	13.1	109.4	44.2	73.2	38.5	52.2	30.7	9.0	380.4	
Transportation and Disposal Unit Cost (\$/yd ³) (Unpackaged Bulk)	\$334.87	\$334.87	\$334.87	\$334.87	\$334.87	\$334.87	\$334.87	\$334.87	\$334.87	\$334.87	\$334.87	\$334.87	
<i>Subtotal Downhole Piping Transport and Disposal Costs</i>	<i>\$100.46</i>	<i>\$669.74</i>	<i>\$2,611.99</i>	<i>\$4,386.80</i>	<i>\$36,634.78</i>	<i>\$14,801.25</i>	<i>\$24,512.48</i>	<i>\$12,892.50</i>	<i>\$17,480.21</i>	<i>\$10,280.51</i>	<i>\$3,013.83</i>	<i>\$127,384.55</i>	
Total Downhole Piping Costs	\$281.06	\$1,873.74	\$7,187.19	\$12,092.40	\$54,365.64	\$48,111.91	\$77,653.02	\$42,743.68	\$58,737.27	\$34,360.51	\$10,077.29	\$347,484	
IV. Surface Reclamation													
A. Removal and disposal of contaminated soil around wells													
Volume of contaminated soil (0.37 yd ³ per injection and production well)	1.11	48.47	56.61	98.05	150.96	183.52	212.75	244.20	192.03	255.30	118.4	1561.40	
Disposal of contaminated soil \$137.87 per yd ³	\$153.04	\$6,682.56	\$7,804.82	\$13,518.15	\$20,812.86	\$25,301.90	\$29,331.84	\$33,667.85	\$26,475.18	\$35,198.21	\$16,323.81	\$215,270.22	
Equipment (Cat 924G loader at 2 yd ³ /hr)	\$30.43	\$1,328.56	\$1,551.68	\$2,687.55	\$4,137.81	\$5,030.28	\$5,831.48	\$6,693.52	\$5,263.54	\$6,997.77	\$3,245.34	\$41,329.79	
Labor (1 man-hour per 2 Yd ³)	\$10.12	\$441.77	\$515.96	\$893.66	\$1,375.91	\$1,672.67	\$1,939.08	\$2,225.73	\$1,750.23	\$2,326.90	\$1,079.14	\$17,229.14	
<i>Subtotal removal and disposal of contaminated soil</i>	<i>\$193.59</i>	<i>\$8,452.89</i>	<i>\$9,872.46</i>	<i>\$17,099.36</i>	<i>\$26,326.58</i>	<i>\$32,004.85</i>	<i>\$37,102.40</i>	<i>\$42,587.10</i>	<i>\$33,488.95</i>	<i>\$44,522.88</i>	<i>\$20,648.29</i>	<i>\$272,299.35</i>	
B. Recontour and seeding													
Recontour and seeding (est. \$300/acre)	\$2,781.00	\$3,510.00	\$4,038.00	\$7,116.00	\$9,525.00	\$10,383.00	\$15,303.00	\$17,376.00	\$14,685.00	\$22,287.00	\$15,999.00	\$159,999.00	
<i>Subtotal Recontour and Seeding</i>	<i>\$2,781.00</i>	<i>\$3,510.00</i>	<i>\$4,038.00</i>	<i>\$7,116.00</i>	<i>\$9,525.00</i>	<i>\$10,383.00</i>	<i>\$15,303.00</i>	<i>\$17,376.00</i>	<i>\$14,685.00</i>	<i>\$22,287.00</i>	<i>\$15,999.00</i>	<i>\$123,003.00</i>	
Total Surface Reclamation	\$2,974.59	\$11,962.89	\$13,910.46	\$24,215.36	\$35,851.58	\$42,387.85	\$52,405.40	\$59,963.10	\$48,173.95	\$66,809.88	\$36,647.29	\$395,302.35	
IV. Well Houses													
Total Quantity	0	3	3	5	7	7	6	8	7	5	3		
Average Well House Weight (Lbs.)	6000	6000	6000	6000	6000	6000	6000	6000	6000	6000	6000		
A. Removal													
Dismantlement at 2-man-days per wellhouse (man-days)	0	6	6	10	14	14	12	16	14	10	6		
Dismantlement Labor Costs	\$0.00	\$874.98	\$874.98	\$1,458.30	\$2,041.62	\$2,041.62	\$1,749.96	\$2,333.28	\$2,041.62	\$1,458.30	\$874.98	\$15,749.64	
Equipment (Cat 924G at 2 hours per wellhouse) (hrs)	0	6	6	10	14	14	12	16	14	10	6		
Equipment Costs	\$0.00	\$328.92	\$328.92	\$548.20	\$767.48	\$767.48	\$657.84	\$877.12	\$767.48	\$548.20	\$328.92	\$5,920.56	
<i>Subtotal Well House Dismantlement Costs</i>	<i>\$0.00</i>	<i>\$1,203.90</i>	<i>\$1,203.90</i>	<i>\$2,006.50</i>	<i>\$2,809.10</i>	<i>\$2,809.10</i>	<i>\$2,407.80</i>	<i>\$3,210.40</i>	<i>\$2,809.10</i>	<i>\$2,006.50</i>	<i>\$1,203.90</i>	<i>\$21,670.20</i>	
B. Disposal													
Total Disposal Weight (6000 lbs per wellhouse) (Lbs)	0	18000	18000	30000	42000	42000	36000	48000	42000	30000	18000		
<i>Subtotal Disposal Costs</i>	<i>\$0.00</i>	<i>\$148.86</i>	<i>\$148.86</i>	<i>\$248.10</i>	<i>\$347.34</i>	<i>\$347.34</i>	<i>\$297.72</i>	<i>\$396.96</i>	<i>\$347.34</i>	<i>\$248.10</i>	<i>\$148.86</i>	<i>\$2,679.48</i>	
Total Well House Removal and Disposal Costs	\$0.00	\$1,352.76	\$1,352.76	\$2,254.60	\$3,156.44	\$3,156.44	\$2,705.52	\$3,607.36	\$3,156.44	\$2,254.60	\$1,352.76	\$24,349.68	
TOTAL REMOVAL AND DISPOSAL COSTS PER WELLFIELD	\$41,995.96	\$104,118.57	\$127,034.74	\$295,656.52	\$511,461.19	\$462,155.29	\$511,717.88	\$667,170.93	\$561,768.94	\$373,622.47	\$244,637.59	\$3,901,340.08	
TOTAL WELLFIELD BUILDINGS AND EQUIPMENT REMOVAL AND DISPOSAL COSTS	\$3,901,340.08												

Crow Butte Resources Inc.
Crow Butte Uranium Project 2008 Surety Estimate
(Revised September 2007)

Well Abandonment													
		Mine Unit 1	Mine Unit 2	Mine Unit 3	Mine Unit 4	Mine Unit 5	Mine Unit 6	Mine Unit 7	Mine Unit 8	Mine Unit 9	Mine Unit 10	Mine Unit 11	Total
I.	Well Abandonment (Wellfields)												
	# of Production Wells	3	52	57	96	187	187	205	248	195	260	120	
	# of Injection Wells	0	79	96	169	221	309	370	412	324	430	200	
	# of Perimeter Monitoring Wells	11	10	7	11	23	26	8	20	13	31	22	
	# of Shallow Monitoring Wells	0	3	3	11	25	28	25	30	20	32	24	
	Total Number of Deep Wells	14	141	160	276	431	522	583	680	532	721	342	4402
	Total Number of Shallow Wells	0	3	3	11	25	28	25	30	20	32	24	201
	Average Diameter of Casing (inches)	5	5	5	5	5	5	5	5	5	5	5	5
	Production, Injection and Perimeter Well Average Depth (ft)	665	631	774	698	675	515	762	500	770	480	810	662
	Shallow Well Average Depth (ft)	200	200	200	200	200	200	200	200	200	150	350	209
	Total Mine Unit Well Depth (ft)	9310	89571	124440	194848	295925	274430	449246	346000	413640	350880	285420	2833710
	Well Abandonment Unit Cost (\$/ft. of well)	\$0.69	\$0.69	\$0.69	\$0.69	\$0.69	\$0.69	\$0.69	\$0.69	\$0.69	\$0.69	\$0.69	
	Subtotal Abandonment Cost per Wellfield	\$6,423.90	\$61,803.99	\$85,863.60	\$134,445.12	\$204,188.25	\$189,356.70	\$309,979.74	\$238,740.00	\$285,411.60	\$242,107.20	\$196,939.80	\$1,955,259.90
II.	Downhole Pump Disposal												
	Number of Downhole Pumps				602								
	Pump Disposal Volume(ft3)				0.5								
	Total Pump Disposal Volume(yd3)				11.1								11.1
	Downhole Pump Disposal Rate (\$/yd3)				\$334.87								334.87
	Subtotal Downhole Pump Disposal				\$3,717.06								\$3,717.06
	Total Wellfield Abandonment Costs				\$1,958,976.96								

Crow Butte Resources, Inc.
Crow Butte Uranium Project 2008 Surety Estimate
(Revised September 2007)

Plant Equipment Decommissioning						Commercial Plant	R.O. Building
I. Removal and Loading Costs							
	Tankage						
	Number of Contaminated Tanks					55	
	Volume of Contaminated Tank Construction Material (ft ³)					1062	
	Number of Chemical Tanks					9	
	Disposal Void Factor					1.25	
	A. Labor to Remove and Load Tankage						
	Number of Persons					2	
	Tanks/Day					1	
	Number of Days					64	
	\$/Day/Person					\$145.83	
	<i>Subtotal Removal Labor Costs</i>					<i>\$18,666.24</i>	
	B. Labor to Clean Chemical Tankage						
	Number of Persons					1	
	Tanks/Day					1	
	Number of Days					9	
	\$/Day/Person					\$145.83	
	<i>Subtotal Cleaning Labor Costs</i>					<i>\$1,312.47</i>	
	C. Equipment						
	Saws, scaffolding, etc.					\$6,000	
	<i>Subtotal Equipment Costs</i>					<i>\$6,000</i>	
	Total Equipment Removal and Loading Costs					\$25,978.71	
II. Transportation and Disposal Costs (NRC-Licensed Facility)							
	A. Tankage						
	Volume of Tank Construction Material (ft ³)					1062	
	Volume for Disposal Assuming Void Space (yd ³)					49.2	
	Transportation and Disposal Unit Cost (\$/yd ³) (Unpackaged Bulk)					\$334.87	
	<i>Subtotal Tankage Transportation and Disposal Costs</i>					<i>\$16,475.60</i>	
	B. Contaminated PVC Pipe						
	Volume of Shredded PVC Pipe (ft ³)					177.6	
	Volume for Disposal Assuming Void Space (yd ³)					8.2	
	Transportation and Disposal Unit Cost (\$/yd ³) (Unpackaged Bulk)					\$334.87	
	<i>Subtotal Contaminated PVC Pipe Transportation and Disposal Costs</i>					<i>\$2,745.93</i>	

Crow Butte Resources, Inc.
Crow Butte Uranium Project 2008 Surety Estimate
(Revised September 2007)

Plant Equipment Decommissioning						Commercial Plant	R.O. Building
C. Pumps							
			Volume of Process Pumps (yd ³) (no void factor used)			12.8	
			Transportation and Disposal Unit Cost (\$/yd ³) (Unpackaged Bulk)			\$334.87	
			<i>Subtotal Pump Transportation and Disposal Costs</i>			<i>\$4,286.34</i>	
D. Filters (injection, backwash and yellowcake filters)							
			Volume of Filters (yd ³) (no void factor used)			88.9	
			Transportation and Disposal Unit Cost (\$/yd ³) (Unpackaged Bulk)			\$334.87	
			<i>Subtotal Filter Transportation and Disposal Costs</i>			<i>\$29,769.94</i>	
E. Dryer							
			Dryer Volume (yd ³) (no void factor used)			29.6	
			Transportation and Disposal Unit Cost (\$/yd ³) (Unpackaged Bulk)			\$334.87	
			<i>Total Dryer Transportation and Disposal Costs</i>			<i>\$9,912.15</i>	
			Total Contaminated Equipment Transportation and Disposal Costs			\$63,189.96	
III. Transportation and Disposal (Solid Waste for Landfill Disposal)							
A. Cleaned Tankage							
			Volume of Tank Construction Material (ft ³)			174	
			Number of Landfill Trips			1	
			Transportation and Disposal Unit Cost (\$/Load)			\$133.75	
			<i>Subtotal Tankage Transportation and Disposal Costs</i>			<i>\$133.75</i>	
B. Uncontaminated PVC Pipe							
			Volume of Shredded PVC Pipe (ft ³)			177.6	
			Number of Landfill Trips			1	
			Transportation and Disposal Unit Cost (\$/Load)			\$133.75	
			<i>Subtotal PVC Pipe Transportation and Disposal Costs</i>			<i>\$133.75</i>	
			Total Uncontaminated Equipment Transportation and Disposal Costs			\$267.50	
IV. Supervisory Labor Costs During Plant Decommissioning							
			Estimated Duration (months)			6	
			Engineer			\$53,609.40	
			Radiation Technician			\$27,112.80	
			Total Supervisory Labor Costs			\$80,722.20	
SUBTOTAL EQUIPMENT REMOVAL AND DISPOSAL COSTS PER FACILITY						\$170,158.37	
			Building Area (Ft ²)			34,000	5,000
			Building Equipment Removal and Disposal Cost per Square Foot			\$5.00	\$5.00
TOTAL EQUIPMENT REMOVAL AND DISPOSAL COSTS						\$170,158.37	\$25,000.00

Crow Butte Resources, Inc.
Crow Butte Uranium Project 2008 Surety Estimate
(Revised September 2007)

Building Demolition							Commercial Plant	R.O. Building
I. Decontamination Costs								
A. Wall Decontamination								
	Area to be Decontaminated (ft ²)					25,332		
	HCl Application Rate (Gallons/ft ²)					1		
	HCl Acid Cost					\$1.23		
	Subtotal Wall Decontamination Materials Costs					\$31,158.36		
B. Concrete Floor Decontamination								
	Area to be Decontaminated (ft ²)					18146		
	HCl Application Rate (Gallons/ft ²)					2		
	HCl Acid Cost					\$1.23		
	Subtotal Floor Decontamination Materials Costs					\$44,639.16		
C. Decontamination Labor								
	Labor (man-days)					60		
	Subtotal Decontamination Labor Cost					\$8,749.80		
D. Decontamination Equipment Costs								
	Sprayer pump					\$500		
	Recycle pump					\$500		
	Sprayer with hose					\$1,000		
	Subtotal Decontamination Equipment Costs					\$2,000		
E. Decontamination Waste Disposal (to Ponds)								
	Total gallons HCl waste					61,624		
	Pumping costs (5 HP/30 gpm)					\$489.81		
	Subtotal Decontamination Costs					\$87,037.13		
	Total Decontamination Costs					\$87,037.13		
II. Demolition Costs								
	Assumptions (based on 2007 costs):							
	Dismantling interior steel, tanks, pumps, etc.						\$159,450.00	
	Dismantling plant building						\$79,725.00	
A. Building Dismantling								
	Dismantle interior components (2007 \$'s escalated by CPI)						\$163,755.15	
	Plant building dismantling (2007 \$'s escalated by CPI)						\$81,877.58	
	Subtotal Building Dismantling					\$245,632.73		
B. Concrete Floor Removal								
	Area of direct-dispose concrete floors (ft ²)					5,450		
	Removal Rate (\$/ft ²)					\$14.04		

Crow Butte Resources, Inc.
 Crow Butte Uranium Project 2008 Surety Estimate
 (Revised September 2007)

Building Demolition				Commercial Plant	R.O. Building
			<i>Subtotal Concrete Floor Removal</i>	\$76,518.00	
			Total Demolition Costs	\$322,150.73	
III.			Disposal Costs		
	A.		Concrete Floor		
			Area of Direct-Dispose Concrete Floor (ft ²)	5,450	
			Average Thickness of Concrete Floor (ft)	0.50	
			Volume of Concrete Floor (ft ³)	2,725	
			Volume of Concrete Floor (Yd3)	101	
			Transportation and Disposal Unit Cost (\$/Yd ³) (Unpackaged Bulk)	\$334.87	
			<i>Subtotal Concrete Floor Disposal Costs</i>	<i>\$33,821.87</i>	
			Total Disposal Costs	\$33,821.87	
IV			Plant Site Reclamation		
	A.		Plant Site Earthwork		
			Material to be Moved (Yd3)	20,000	
			D8N Bulldozer Earthwork Rate (Yd3/hr)	700	
			D8N Hourly Rate	\$170.67	
			<i>Subtotal Plant Site Earthwork</i>	<i>\$4,876.29</i>	
	B.		Revegetation		
			Area requiring Revegetation (Ac)	4	
			Revegetation Unit Cost (\$/Ac)	\$300	
			<i>Subtotal Plant Site Revegetation</i>	<i>\$1,200.00</i>	
			Total Plant Site Reclamation Costs	\$6,076.29	
SUBTOTAL BUILDING DEMOLITION AND DISPOSAL COSTS				\$449,086.02	
			Building Area (Ft2)	34,000	5,000
			Building Demolition Cost per Square Foot	\$13.21	\$13.21
TOTAL BUILDING DEMOLITION AND DISPOSAL COSTS				\$449,086.02	\$66,050.00

Crow Butte Resources, Inc.
Crow Butte Uranium Project 2008 Surety Estimate
(Revised September 2007)

Evaporation Pond Reclamation				Commercial Ponds	R&D Ponds	Total
Assumptions/Data:						
	Number of Ponds			3	2	
	Area of Ponds (ft ²)			250,000	50,000	
	Thickness of Liner Material (ft)			0.00833	0.0030	
	Leak detection piping size (in)			4	3	
	Leak detection piping length (ft/pond)			2,100	600	
	Earthwork Requirements (Yd ³ /pond)			60,000	30,000	
	Surface Restoration/Revegetation (Acres)			20	10	
	Sludge Production Rate (Yd ³ sludge/gal)				0.000000102	
	(1 Yd ³ sludge/9,772,000 gal R&D Phase)					
	Estimated 1991 to 2008 Total Production (gallons)			26,508,584,400		
	Liner Removal Rate (ft ² /man-day)			10,000	10,000	
	Sludge Removal Rate (Yd ³ /man-day)			8.33	8.33	
I.	Pond Liner and Piping Removal					
A.	Pond Liner and Piping Removal Labor					
	Area of Ponds			750,000	100,000	
	Liner Removal Rate (ft ² /Man-Day)			10,000	10,000	
	Total Man-Days			75	10	
	Labor Rate (\$/man-day)			\$145.83	\$145.83	
	<i>Subtotal Liner and Piping Removal Labor Costs</i>			<i>\$10,937.25</i>	<i>\$1,458.30</i>	<i>\$12,395.55</i>
B.	Pond Liner and Piping Removal Equipment					
	Total Man-Days Removal Effort			75	10	
	Size of Crew			4	4	
	Total Days Removal Effort			18.75	2.5	
	Cat 924G Loader Hourly Rate (\$/hr)			\$54.82	\$54.82	
	<i>Subtotal Liner and Piping Removal Equipment Costs</i>			<i>\$8,223.00</i>	<i>\$1,096.40</i>	<i>\$9,319.40</i>
	Total Pond Liner and Piping Removal Costs			\$19,160.25	\$2,554.70	\$21,714.95

Crow Butte Resources, Inc.
Crow Butte Uranium Project 2008 Surety Estimate
(Revised September 2007)

				Evaporation Pond Reclamation		
				Commercial Ponds	R&D Ponds	Total
II.	Pond Sludge Removal					
	Pond Sludge Estimate					
	Estimated Production Flow since 1991 (gal)			26,508,584,400		
	Historical Sludge Production Rate			0.000000102		
	Estimated Pond Sludge Volume (Yd3)			2,704	Cleaned following R&D	
A.	Pond Sludge Removal Labor					
	Pond Sludge Volume (Yd3)			2,704		2,704
	Sludge Removal Rate (Yd3/man-day)			8.33		
	Total Man-Days			325		
	Labor Rate (\$/man-day)			\$145.83		
	<i>Subtotal Pond Sludge Removal Labor Costs</i>			<i>\$47,394.75</i>	<i>\$0.00</i>	<i>\$47,394.75</i>
B.	Pond Sludge Removal Equipment					
	Total Man-Days Removal Effort			325		
	Size of Crew			3		
	Total Days Removal Effort			108		
	Cat 924G Loader Hourly Rate (\$/hr)			\$54.82		
	<i>Subtotal Pond Sludge Removal Equipment Costs</i>			<i>\$47,364.48</i>	<i>\$0.00</i>	<i>\$47,364.48</i>
	Total Pond Sludge Removal Costs			\$94,759.23	\$0.00	\$94,759.23
III.	Pond Byproduct Material Disposal					
A.	Pond Liner Disposal					
	Area of Pond Liner (ft2)			750,000	100,000	
	Thickness of Pond Liner (ft)			0.00833	0.00300	
	Volume of Pond Liner (ft3)			6,248	300	
	Void Space Factor			1.25	1.25	
	Total Disposed Volume (yd3)			289	14	303.0
	Disposal Unit Costs (\$/yd3) (Unpackaged Bulk)			\$334.87	\$334.87	
	<i>Subtotal Pond Liner Disposal Costs</i>			<i>\$96,777.43</i>	<i>\$4,688.18</i>	<i>\$101,465.61</i>

Crow Butte Resources, Inc.
Crow Butte Uranium Project 2008 Surety Estimate
(Revised September 2007)

Evaporation Pond Reclamation							
				Commercial Ponds	R&D Ponds	Total	
B.	Pond Piping Disposal						
		Total Length of Piping		6,300	1,200		
		Piping Volume Factor (ft ³ /ft)		0.0103	0.0069		
		Total Volume Pond Piping (ft ³)		65	8		
		Void Space Factor		1.25	1.25		
		Total Disposed Volume (yd ³)		3.0	0.4		3.4
		Disposal Unit Costs (\$/yd ³) (Unpackaged Bulk)		\$334.87	\$334.87		
		<i>Subtotal Pond Piping Disposal Costs</i>		<i>\$1,004.61</i>	<i>\$133.95</i>		<i>\$1,138.56</i>
C.	Pond Sludge Disposal						
		Total Volume Pond Sludge (Yd ³)		2,704			2,704
		Disposal Unit Costs (\$/yd ³) (Soil rate)		\$137.87			
		<i>Subtotal Pond Sludge Disposal Costs</i>		<i>\$372,800.48</i>	<i>\$0.00</i>		<i>\$372,800.48</i>
		Total Byproduct Material Disposal Costs		\$470,582.52	\$4,822.13		\$475,404.65
IV	Pond Site Reclamation						
A.	Pond Earthwork Requirements						
		Earthwork Requirements Yd ³)		180,000	60,000		
		D8N Bulldozer Earthwork Rate (Yd ³ /hr)		700	700		
		Total D8N Hours		257	86		
		D8N Hourly Rate		\$170.67	\$170.67		
		<i>Subtotal Pond Earthwork</i>		<i>\$43,862.19</i>	<i>\$14,677.62</i>		<i>\$58,539.81</i>
B.	Revegetation						
		Area requiring Revegetation (Ac)		20	10		
		Revegetation Unit Cost (\$/Ac)		\$300.00	\$300.00		
		<i>Subtotal Plant Site Revegetation</i>		<i>\$6,000.00</i>	<i>\$3,000.00</i>		
		Total Pond Site Reclamation Costs		\$49,862.19	\$17,677.62		\$67,539.81

Crow Butte Resources, Inc.
 Crow Butte Uranium Project 2008 Surety Estimate
 (Revised September 2007)

Evaporation Pond Reclamation				Commercial Ponds	R&D Ponds	Total
V.	Supervisory Labor Costs During Pond Reclamation					
	Estimated Duration (months)			4		
	Engineer Rate (\$/month)			\$8,934.90		
	Total Engineer Labor			\$35,739.60		
	Radiation Technician Rate (\$/month)			\$4,518.80		
	Total Radiation Technician Labor			\$18,075.20		
	Total Supervisory Labor Costs			\$53,814.80	\$0.00	\$53,814.80
TOTAL EVAPORATION POND RECLAMATION PER POND				\$688,178.99	\$25,054.45	\$713,233.44
TOTAL EVAPORATION POND RECLAMATION COSTS				\$713,233.44		

Crow Butte Resources, Inc.
 Crow Butte Uranium Project 2008 Surety Estimate
 (Revised September 2007)

Miscellaneous Site Reclamation			
I.	Access Road Reclamation		
	Assumptions		
	Road Reclamation production rate (Yd3/hr)		200
	Length of Main Access Roads (ft)		14,900
	Average Main Access Road width (ft)		25
	Depth of Main Access Road Gravel Surface (ft)		1
	Surface Area of Main Access Road (Ac)		8.6
	Length of Wellfield Access Roads (ft)		54,700
	Average Wellfield Access Road width (ft)		12
	Depth of Wellfield Access Road Gravel Surface (ft)		0.5
	Surface Area of Wellfield Road (Ac)		15.1
	A. Main Access Road Dirtwork		
	Main Access Road Gravel Volume (Yd3)		13,796
	Total reclamation time (hrs)		69
	D8N Unit Operating Cost (\$/hr)		\$170.67
	<i>Subtotal Main Access Road Gravel Roadbase Removal Costs</i>		<i>\$11,776.23</i>
	B. Wellfield Road Dirtwork		
	Wellfield Road Gravel Volume (Yd3)		12,156
	Total reclamation time (hrs)		61
	D8N Unit Operating Cost (\$/hr)		\$170.67
	<i>Subtotal Wellfield Road Gravel Roadbase Removal Costs</i>		<i>\$10,410.87</i>
	E. Discing/Seeding		
	Assumptions		
	Surface Area (acres)		23.7
	Discing/Seeding Unit Cost (\$/acre)		\$300.00
	<i>Subtotal Discing/Seeding Costs</i>		<i>\$7,110.00</i>
	Total Access Road Reclamation Costs		\$29,297.10

Crow Butte Resources, Inc.
 Crow Butte Uranium Project 2008 Surety Estimate
 (Revised September 2007)

Miscellaneous Site Reclamation			
II.	Wastewater Pipeline Reclamation		
	Assumptions		
	Pipeline Removal Rate (ft./man-day)		67
	Pipeline Shredding Rate (ft./man-day)		1,500
	Number of Pond Pipelines		2
	Length of Pond Pipelines (ft)		2,000
	Number of RO Building Pipelines		4
	Length of RO Building Pipelines (ft)		300
	Average Pipe Size (Sch 40)		4
	A. Pipeline Removal Costs		
	Length of Pipelines (ft)		5,200
	Removal Rate (ft/man-day)		67
	Removal Labor Rate (\$/man-day)		\$145.83
	Cat 924G Loader Use (days)		78
	Cat 924G Loader Cost		\$34,207.68
	<i>Subtotal Pipeline Removal Costs</i>		<i>\$45,582.42</i>
	B. Pipeline Shredding Costs		
	Length of Pipelines (ft)		5,200
	Shredding Rate (ft/man-day)		1,500
	Shredding Labor Rate (\$/man-day)		\$145.83
	Shredder Use (days)		3
	Shredder Cost		\$288.00
	<i>Subtotal Pipeline Shredding Costs</i>		<i>\$725.49</i>

Crow Butte Resources, Inc.
 Crow Butte Uranium Project 2008 Surety Estimate
 (Revised September 2007)

Miscellaneous Site Reclamation			
C. Pipeline Transportation and Disposal (NRC-Licensed Facility)			
	Pipe Diameter (inches)		4
	Chipped Volume Reduction (ft ³ /ft)		0.0103
	Subtotal Volume of Shredded PVC Pipe (yd ³)		2.0
	Disposal Void Factor		1.25
	Final Disposal Volume (yd ³)		2.5
	Transportation and Disposal Unit Cost (\$/yd ³) (Unpackaged Bulk)		\$334.87
	<i>Subtotal Pipeline Disposal Costs</i>		<i>\$837.18</i>
	Total Wastewater Pipeline Reclamation Costs		\$47,145.09
III. Electrical Distribution System Removal			
	Assumptions		
	Length of High Voltage Lines		43,440
	High Voltage Line Removal Rate (\$/ft.)		\$0.59
	High Voltage Line Removal Cost (\$/ft.)		\$25,629.60
	Substation Removal		\$1,175.00
	Subtotal Electrical Distribution System Removal Costs		\$26,804.60
IV. Supervisory Labor Costs During Miscellaneous Reclamation			
	Estimated Duration (months)		3
	Engineer Rate (\$/month)		\$8,934.90
	Total Engineer Labor		\$26,804.70
	Radiation Technician Rate (\$/month)		\$4,518.80
	Total Radiation Technician Labor		\$13,556.40
	Total Supervisory Labor Costs		\$40,361.10
TOTAL MISCELLANEOUS RECLAMATION COSTS			\$143,607.89

Crow Butte Resources, Inc.
Crow Butte Uranium Project 2008 Surety Estimate
(Revised September 2007)

Deep Disposal Well Reclamation						
I.	Cost Basis					
	A. Plugging and Abandonment					
		Cost Estimate from March 2004 Permit Re-application for plugging and abandonment				\$59,026.00
		March 2004 CPI				187.4
		June 2007 CPI				208.4
		<i>Subtotal Escalated 2003 Plugging and Abandonment Costs</i>				<i>\$65,640.44</i>
	B. Site Reclamation					
		Cost Estimate from March 2004 Permit Re-application for site reclamation				\$2,433.00
		March 2004 CPI				187.4
		June 2007 CPI				208.4
		<i>Subtotal Escalated 2003 Reclamation Costs</i>				<i>\$2,705.64</i>
TOTAL DEEP DISPOSAL WELL RECLAMATION COSTS						\$68,346.08

Crow Butte Resources Inc.
Crow Butte Uranium Project 2008 Surety Estimate
(Revised September 2007)

I-196 Brule Aquifer Restoration			
I.	Ground Water Sweep Costs		
	Assumptions		
	PV's Required from I-196a, I-196j and I-196n		3
	Total Gallons per Pore Volume		337,758
	Total Gallons to Treat		1,013,274
	Flow Rate (gpm)		3
	Pump Power Requirements (kwh)		3
	Power Cost (\$/kw)		\$0.0638
	Pumping Labor (man-day per day) (1hr/day)		0.125
	Sampling Labor (man-day per day) (.5hr/day)		0.0625
	Labor Rate (\$/man-day)		\$145.83
	Days to complete		235
	A. Electrical Costs		
	<i>Cost to pump 3 Pore Volumes</i>		<i>\$1,077.45</i>
	B. Labor Costs		
	<i>Labor for pumping 3 Pore Volumes</i>		<i>\$4,283.76</i>
	Total Ground Water Sweep Costs		\$5,361.21
II.	Monitoring and Sampling Costs		
	A. Labor Costs for Monitoring I-196a, I-196j, and I-196n		\$2,141.88
	B. Monitoring for I-196i, I-196m, and I-196l		\$2,141.88
	Total Monitoring and Sampling Costs		\$4,283.76

**Crow Butte Resources Inc.
Crow Butte Uranium Project 2008 Surety Estimate
(Revised September 2007)**

I-196 Brule Aquifer Restoration				
III	Additional Ground Water Sweep			
		Pump from additional wells and monitor as above		\$9,644.97
		Drill 4 additional wells, 50 ft deep at \$26/ft.		\$5,200.00
		Total Additional Ground Water Sweep		\$14,844.97
IV	Well Abandonment			
		Abandon 14 wells at \$194/well		\$2,716.00
		Total Well Abandonment		\$2,716.00
TOTAL I-196 BRULE AQUIFER RESTORATION COSTS				\$27,205.94

Crow Butte Resources, Inc.
Crow Butte Uranium Project 2008 Surety Estimate
(Revised September 2007)

GROUNDWATER RESTORATION															
GROUNDWATER SWEEP (GWS) Unit Costs															
Assumptions:															
1. All pumps are 5 hp pumping at 32 gpm															
2. Cost of electricity =												\$0.0638	Kw hr		
3. Horsepower to kilowatt conversion =												0.746	Kw/HP		
4. Operator labor costs =												\$145.83	man-day		
5 Labor costs are based on 36 pumps at 1,150 gpm															
Wellfield Pumping Electrical Costs per 1000 Gallons															
1000	gal	X	5	hp	X	1	hr	X	0.746	kwh	X	\$ 0.0638			
			32	gpm		60	min		hp			kwh	= \$ 0.124		
Wellfield Pumping Labor Costs per 1000 Gallons															
1000	gal	X	1	min	X	1	man-day	X	\$145.83		X	2	operators	= \$ \$0.528	
			1150	gal		480	min		man-day						
Groundwater Sweep Production Rate															
1150	gal	X	60	min	X	24	hr	X	365	day	X	1	year	= 50,370,000	gallons
	min		hr			day			year			12	month		month
TOTAL GWS COSTS PER 1000 GALLONS												= \$ 0.65			

Crow Butte Resources, Inc.
Crow Butte Uranium Project 2008 Surety Estimate
(Revised September 2007)

Groundwater Reverse Osmosis (RO) Treatment Unit Costs														
Assumptions:														
1. All pumps are 5 hp pumping at 32 gpm														
2. Cost of electricity =														
														\$0.0638 Kw hr
3. Horsepower to kilowatt conversion =														
														0.746 Kw/HP
4. Operator labor costs =														
														\$145.83 man-day
5. RO System horsepower requirements for 600 gpm rated flow based upon:														
			RO Unit Pump											405 hp
			Permeate/Injection pump											60 hp
			Waste pump											12 hp
			TOTAL:											477 hp
6. Chemical costs:														
			Reductant =											\$0.37 lb
			Antiscalant =											\$16.63 gal
Wellfield Pumping Electrical Costs per 1000 Gallons														
	1000 gal	X	5 hp	X	1 hr	X	0.746 kwh	X	\$ 0.0638					= \$ 0.124 per Kgal
			32 gpm		60 min		hp		kwh					
Reverse Osmosis Electrical Costs per 1000 Gallons														
	1000 gal	X	477 hp	X	1 hr	X	0.746 kwh	X	\$ 0.0638					= \$ 0.631 per Kgal
			600 gpm		60 min		hp		kwh					
Reverse Osmosis Labor Costs per 1000 Gallons														
	1000 gal	X	1 min	X	1 man-day	X	\$145.83	X	2 operators					= \$ \$1.013 per Kgal
			600 gal		480 min		man-day							
Treatment chemical costs per 1000 Gallons														
	Antiscalant:													
	1000 gal	X	0.000008330 gal antiscalant	X	\$16.63 gal antiscalant									= \$ \$0.139 per Kgal
			1 gal											
	Reductant:													
	1000 gal	X	0.000560 lbs reductant	X	\$0.370 lb reductant									= \$ \$0.207 per Kgal
			1 gal											
Reverse Osmosis Production Rate														
	400 gal	X	60 min	X	24 hr	X	365 day	X	1 year					= 17,520,000 gallons
			hr		day		year		12 month					month
TOTAL RO COSTS PER 1000 GALLONS														= \$ 2.11

Crow Butte Resources, Inc.
Crow Butte Uranium Project 2008 Surety Estimate
(Revised September 2007)

Groundwater Recirculation Unit Costs																
Assumptions:																
1. All pumps are 5 hp pumping at 32 gpm																
2. Cost of electricity =															\$0.0638	Kw hr
3. Horsepower to kilowatt conversion =															0.746	Kw/HP
4. Operator labor costs =															\$145.83	man-day
5. System horsepower requirements for 1,150 gpm rated flow based upon:																
injection pump															30	hp
6. Chemical costs:																
Reductant =															\$0.37	lb
Wellfield Pumping Electrical Costs per 1000 Gallons																
1000	gal	X	5	hp	X	1	hr	X	0.746	kwh	X	\$0.0638	= \$	0.124	per Kgal	
			32	gpm		60	min			hp		kwh				
Wellfield Injection Electrical Costs per 1000 Gallons																
1000	gal	X	30	hp	X	1	hr	X	0.746	kwh	X	\$0.0638	= \$	0.021	per Kgal	
			1150	gpm		60	min			hp		kwh				
Recirculation Labor Costs per 1000 Gallons																
1000	gal	X	1	min	X	1	man-day	X	\$145.83		X	2	operators	= \$	0.528	per Kgal
			1150	gal		480	min			man-day						
Treatment chemical costs per 1000 Gallons																
Reductant:																
1000	gal	X	0.000560	lbs reductant	X	\$0.370							= \$	\$0.207	per Kgal	
			1	gal		lb reductant										
Recirculation Production Rate																
1150	gal	X	60	min	X	24	hr	X	365	day	X	1	year	=	50,370,000	gallons
	min			hr		day			year			12	month			month
TOTAL RECIRCULATION COSTS PER 1000 GALLONS															= \$	0.88

Crow Butte Resources, Inc.
Crow Butte Uranium Project 2008 Surety Estimate
(Revised September 2007)

WELL ABANDONMENT Unit Costs										
Assumptions:										
1	Use backhoe for 0.25 hr/well to dig, cut off, and cap well.									
2	Drill rig used 2.5 hrs to plug well.									
3	Labor for installing chips, etc. will require 2 workers at 0.5 hrs per well									
Well Abandonment Costs							Cost per ft (based on 700 ft wells)			
	Cat 416 Backhoe	0.25	hours	X	\$ 44.59	per hour	=	\$ 11.15	\$0.0159	
	Drill rig	2.5	hours	X	\$ 155.00	per hour	=	\$ 387.50	\$0.5536	
	Well Cap	1	each	X	\$ 7.67	each	=	\$ 7.67	\$0.0110	
Materials per foot of well (Variable Cost)										
	Cement	0.0714	lbs/ft	X	\$ 0.065	per pound	=	\$	\$0.0047	
	Bentonite Chips	0.007	tubes/ft	X	\$ 5.80	per tube	=	\$	\$0.0406	
	Plug Gel	0.0086	sacks/ft	X	\$ 7.55	per sack	=	\$	\$0.0649	
Total Estimated Cost per Foot:									\$0.69	

Crow Butte Resources, Inc.
Crow Butte Uranium Project 2008 Surety Estimate
(Revised September 2007)

Master Cost Basis

Mine Unit Data

	Mine Unit 1	Mine Unit 2	Mine Unit 3	Mine Unit 4	Mine Unit 5	Mine Unit 6	Mine Unit 7	Mine Unit 8	Mine Unit 9	Mine Unit 10	Mine Unit 11
Total number of production wells	3	52	57	96	187	187	205	248	195	260	120
Total number of injection wells	0	79	96	169	221	309	370	412	324	430	200
Total number of shallow monitor wells	0	3	3	11	25	28	25	30	20	32	24
Total number of perimeter monitor wells	11	10	7	11	23	26	8	20	13	31	22
Total number of restoration wells	10	12	18	43	33	29	25	30	21	32	24
Wellfield Area (ft ²)	403,712	509,600	586,188	1,033,405	1,383,005	1,507,647	2,222,190	2,522,911	2,132,355	3,235,900	2,323,200
Wellfield Area (acres)	9.27	11.70	13.46	23.72	31.75	34.61	51.01	57.92	48.95	74.29	53.33
Affected Ore Zone Area (ft ²)	403,712	509,600	586,188	1,033,405	1,383,005	1,507,647	2,222,190	2,522,911	2,132,355	3,235,900	2,323,200
Avg. Completed Thickness	19.6	16.3	12.5	12.9	14.6	15.4	12.3	16.4	16.4	20	22
Porosity	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29
Affected Volume (ft ³)	7,912,755	8,306,480	7,327,350	13,330,925	20,191,873	23,217,764	27,332,937	41,375,740	34,970,622	64,718,000	51,110,400
Kgallons per Pore Volume	17,164	18,018	15,894	28,917	43,800	50,364	59,291	89,752	75,858	140,386	110,869
Number of Patterns in Unit(s)											
Current	0	52	57	96	187	187	205	248	195	200	60
Estimated next report	0	0	0	0	0	0	0	0	0	60	60
Total Estimated	0	52	57	96	187	187	205	248	195	260	120
Number of Wells in Unit(s)											
Production Wells											
Current	3	52	57	96	187	187	205	248	195	200	60
Estimated next report	0	0	0	0	0	0	0	0	0	60	60
Total Estimated	3	52	57	96	187	187	205	248	195	260	120
Injection Wells											
Current	0	79	96	169	221	309	370	412	324	330	100
Estimated next report	0	0	0	0	0	0	0	0	0	100	100
Total Estimated	0	79	96	169	221	309	370	412	324	430	200
Shallow Monitor Wells											
Current	0	3	3	11	25	28	25	30	20	32	9
Estimated next report	0	0	0	0	0	0	0	0	0	0	15
Total Estimated	0	3	3	11	25	28	25	30	20	32	24
Perimeter Monitor Wells											
Current	11	10	7	11	23	26	8	20	20	31	9
Estimated next report	0	0	0	0	0	0	0	0	-7	0	13
Total Estimated	11	10	7	11	23	26	8	20	13	31	22
Number of Wells per Wellfield	14	144	163	287	456	550	608	710	552	753	366
Total Number of Wells	4603										
Average Well Depth (ft) - Deep Wells	665	631	774	698	675	515	762	500	770	480	810
Average Well Depth (ft) - Shallow Wells	200	200	200	200	200	200	200	200	200	150	350

Crow Butte Resources, Inc.
Crow Butte Uranium Project 2008 Surety Estimate
(Revised September 2007)

Master Cost Basis

Electrical Costs			
Power cost (adj for current actual cost)	2007 Rate \$0.0580	2008 Est Rate \$0.0638	KwHr
Kilowatt to Horsepower	0.746	0.746	Kw/HP
Horsepower per gallon per minute	0.167	0.167	HP/gpm
Labor Rates			
Operator Labor Cost	2007 Rate \$142.00	2008 Est Rate (CPI) \$145.83	day
Engineer Cost	\$8,700.00	\$8,934.90	month
Radiation Technician Costs	\$4,400.00	\$4,518.80	month
Chemical Costs			
Antiscalant for RO (adj for current actual cost)	2007 Rate \$16.19	2008 Est Rate \$16.63	gal
Reductant (adj for current actual cost)	\$0.36	\$0.37	lb
Cement (adj for current actual cost)	\$0.06	\$0.07	pound
Bentonite Tubes (adj for current actual cost)	\$3.72	\$5.80	tube
Salt (adj for current actual cost)	\$106.00	\$110.00	ton
Plug Gel (adj for current actual cost)	\$6.57	\$7.55	sack
Well Cap (adj for current actual cost)	\$7.47	\$7.67	each
Hydrochloric Acid (adj for current actual cost)	\$1.20	\$1.23	gallon
Analytical Costs			
Guideline 8 (contract lab adjusted for current contract cost)	\$200.00	\$200.00	analysis
5 parameter (in-house) Est Rate (CPI)	\$50.00	\$51.35	analysis
Other (radon, bio, etc.) Est Rate (CPI)	\$912.00	\$936.62	month
Spare Parts			
Restoration spare parts estimate	2007 Rate \$19,250.00	2008 Est Rate (CPI) \$19,769.75	year

CPI Escalators (CPI-U, U.S. City Average)	
1988 CPI (average)	118.3
March 2004 CPI (deep well estimate)	187.4
2005 CPI (June 2006 used in last update)	202.9
Current CPI (June 2007)	208.4
2008 Escalation Factor	1.027

Crow Butte Resources, Inc.
Crow Butte Uranium Project 2008 Surety Estimate
(Revised September 2007)

Master Cost Basis

Equipment Costs						
<i>Equipment</i>	<i>Base Rental Rate (\$/hr)</i>	<i>Labor Costs (\$/hr)</i>	<i>Repair Reserve Costs (\$/hr)</i>	<i>Fuel Costs (\$/hr)</i>	<i>Mob. & Demob (\$/hr)</i>	<i>Total (\$/hr)</i>
Cat 924G Loader	\$26.00	\$17.75	\$3.00	\$8.07	inc.	\$54.82
Cat 416 Backhoe	\$16.00	\$17.75	\$2.50	\$8.34	inc.	\$44.59
Shredder	\$12.00			inc.	inc.	\$12.00
Cat D8N Bulldozer	\$110.00	\$17.75	\$12.00	\$30.92	inc.	\$170.67
Pulling Unit	\$37.00 inc.	inc.		inc.	inc.	\$37.00
Mixing Unit	\$5.00			inc.	inc.	\$5.00
Drill Rig	\$155.00 inc.	inc.		inc.	inc.	\$155.00

Basic:
Cat 924G, 416 and D8N rental rates from Nebraska Machinery (Aug '07); others estimated.
Repair Reserve costs based on from Nebraska Machinery (Aug '07).
Current diesel usage from from Nebraska Machinery (Aug '07), with current (Sep 1, '07) costs for off-road fuel: \$2.689 gallon

Labor rate based on current operator labor rate

Pipe Volumes			
<i>Nominal Pipe Size</i>	<i>Wall Thickness (in.)</i>	<i>Pipe OD (in.)</i>	<i>Volume per foot (ft³/ft)</i>
3/8-inch O2 hose		0.37500	0.03130
2-inch Sch. 40 downhole	0.15400	2.37500	0.00740
1-1/4-inch Sch. 40 stinger	0.14000	1.66000	0.00440
2-inch SDR 13.5 inj & prod.	0.14815	2.29630	0.00690
4-inch SDR 35	0.11430	4.22860	0.01030
6-inch Sch. 40 process pipe	0.28000	6.56000	0.03840
6-inch Trunkline	0.49100	6.56600	0.06510
8-inch Trunkline	0.63900	8.54800	0.11030
10-inch Trunkline	0.79600	10.65400	0.17120
12-inch Trunkline	0.94400	12.63700	0.24080

Crow Butte Resources, Inc.
 Crow Butte Uranium Project 2008 Surety Estimate
 (Revised September 2007)

Master Cost Basis

Pipe Removal and Shredding Costs				
<i>Activity</i>	<i>Removal Rate (ft/man-day)</i>	<i>Shredding Rate (ft/man-day)</i>	<i>Labor Rate (day)</i>	<i>Activity Cost per foot</i>
2-inch SDR 13.5 inj & prod. Removal	225		\$145.83	\$0.65
2-inch SDR 13.5 inj & prod. Shredding		1920	\$145.83	\$0.08
Trunkline Removal	100		\$145.83	\$1.46
Trunkline Shredding		100	\$145.83	\$1.46
Downhole Pipe Removal	2000		\$145.83	\$0.07
Downhole Pipe Shredding		2250	\$145.83	\$0.06
Downhole Hose Removal	1000		\$145.83	\$0.15
Waste and RO Building Pipeline Removal	67		\$145.83	\$2.18
Waste and RO Building Pipeline Shredding		1500	\$145.83	\$0.10

Waste Disposal Costs								
<i>Waste Form</i>	<i>Fee</i>		<i>Density Correction Factor (Ton/Yd3)</i>	<i>Fee per Cubic Yard</i>	<i>Transport Cost</i>		<i>Total Transportation and Disposal</i>	
Sol, Bulk Byproduct Material	\$185.19	per Ton	0.54	\$100.00	\$37.87	per Yd3	\$137.87	per Yd3
Unpackaged Bulk Byproduct Material (e.g., pipe, equipment)	\$707.15	per Ton	0.42	\$297.00	\$37.87	per Yd3	\$334.87	per Yd3
Solid Waste (landfill)	\$0.00827	per Lb			Incl.	per Lb	\$0.00827	per Lb
Solid Waste (landfill)	\$133.75	per Load			Incl.	per Load	\$133.75	per Load
Void Factor (for disposal)	1.25							

Crow Butte Resources, Inc.
 Crow Butte Uranium Project 2008 Surety Estimate
 (Revised September 2007)

Master Cost Basis

Plant Dismantling						
Plant Component	Number	Units	Estimated Disposal		Activity	2007 Cost
			Volume	Units		
Contaminated Tanks	55	each	19.3	Ft3 each	Dismantle interior steel, tanks, piping and electrical	\$ 159450
Uncontaminated Tanks	9	each	19.3	Ft3 each	Dismantle Plant Building	\$ 79725
Pumps	69	each	5	Ft3 each		
Downhole Pumps	602	each	0.5	Ft3 each	Concrete floor removal rate	Current Cost \$/ft2 14.04
Contaminated Piping	4625	feet	See estimate by piping size and material			
Uncontaminated Piping	4625	feet				
Filters	24	each	100	Ft3 each		
Dryer	2	each	400	Ft3 each		
Average PVC Pipe Diameter (inches)	6					

Plant Decontamination				
Direct Dispose Plant Floor Area	5450	ft2	Decon Solution (HCl) Floor Application Rate	2 gal/ft2
Uncontaminated Plant Floor Area	7000	ft2		
Decontaminated Plant Floor Area*	18146	ft2		
Average concrete thickness	0.5	ft		
Plant Wall Area	25332	ft2	Decon Solution (HCl) Wall Application Rate	1 gal/ft2