



Kennecott Uranium Company  
Sweetwater Uranium Project  
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1 February 2005

Mr. Gary Janosko, Chief  
Fuel Cycle Facilities Branch  
Division of Fuel Cycle Safety and Safeguards  
Office of Nuclear Material Safety and Safeguards  
Mail Stop T-8A33  
11545 Rockville Pike  
Rockville, MD 20852-2738

Dear Mr. Janosko:

**Subject: Sweetwater Uranium Project - Docket Number 40-8584**  
**Source Materials License #SUA-1350 -- License Conditions 11.2 and 12.3**  
**Land Use Report**

In compliance with License Conditions 11.2 and 12.3 of SML SUA-1350, Kennecott Uranium Company has conducted visual surveys throughout the year (2004) of land use in, and within a five-mile radius of, the Sweetwater Uranium Mill restricted area.

Land use within the area has not changed over the year. Limited stock grazing, wildlife usage, recreation (mainly hunting during the Fall) and oil and gas development and production continue as the uses. There has been noticeable oil and gas drilling activity to the west, north and south of the facility, creating additional traffic along Sweetwater County Road 4-63 south of the facility. Excavation of diesel contaminated soil in the Ready Line area of the facility and testing of buried lines continued with two contractors on site during the first half of 2003. The excavation of diesel-contaminated soil discovered north of the Main Shop Building within the Nuclear Regulatory Commission (NRC) bonded area was completed in March 2003. This work was discussed with Elaine Brummett of your staff. In a telephone conversation on July 30, 2002, it was agreed to report on the work in the Land Use Report in a separate binder, which was submitted along with additional information upon completion of the work. All of the excavated contaminated soils were placed on a synthetically lined landfarm approximately fifty (50) acres in area, located outside of the NRC bonded area, but within the Department of Environmental Quality (DEQ) bonded area, west of the facility. The land-farmed materials are being treated by bioremediation with added nutrients. Once the materials meet nationally accepted clean soil standards (<100 milligrams per kilogram diesel range organics), they will be used to backfill the excavation. The remediation of this contamination was described in detail in a separate binder.

The soil and ground water contamination related to the Catchment Basin have been previously described in submittals dated May 12, July 22 and December 15, 2004 and January 18, 2005.

Mill operations remain suspended. There are two mobile homes near the south edge of the site's chain link fence. The resident caretaker uses one for approximately four (4) days out of each week and a security guard uses the other (the one closest to the chain link fence) approximately three days of each week. The security guard is considered the nearest resident for purposes of dose calculation and estimation.

The Sweetwater Uranium Project's potable water wells are the only drinking water sources in the area. The Bureau of Land Management (BLM) maintains three water wells with tanks for livestock and wildlife watering within the area. The wells are located one mile southeast, four miles east and five miles northeast of the facility. All of the Bureau of Land Management wells are up gradient of the restricted area in regard to the regional ground water gradient.

If there are any questions regarding this report please contact me at (307) 328-1476 or (307) 324-4924.

Sincerely yours,



Oscar Paulson  
Facility Supervisor/RSO

cc: S. Cohen, Project Manager (NRC)  
Director, DRSS (NRC) - Arlington, TX  
R. Atkinson - Kennecott Energy

## DIESEL CONTAMINATED SOIL EXCAVATION

The excavation was completed in March 2003. A sign-off letter and page changes to the report submitted in February 2003 to make it a final report were submitted on July 31, 2003. The excavation is still open pending remediation of the land-farmed soils to the 100-milligram per kilogram clean soil standard, at which point they can be used as backfill. The average concentration in the land-farmed soils was 134.5 milligrams per kilogram in September 2004; however, some samples are still above the 100-milligram per kilogram clean soil standard.

The land farm was last sampled on September 20 and 21, 2004. The sample collected from the location 200 North/-200 East on September 20, 2004 had the following results:

	<u>0' – 3'</u>	<u>3' – 5'</u>
• Diesel Range Organics (DRO)	4710 mg/kg	1180 mg/kg
• Oil Range Organics (ORO)	ND	ND
• Total Extractable Hydrocarbons	4720 mg/kg	1190 mg/kg

This anomalously high concentration sample biased the entire sample set of 102 samples from 51 locations. If this single sample were removed from the sample set the average hydrocarbon concentration of the land farm would have shown a decrease from the previous (June 2004) sampling.

Remediation of these areas of the land farm to the 100-milligram per kilogram standard is being awaited before using the soils to backfill the excavation.

Landfarm Samples			May-02			Jul-02			Aug-02			Mar-03			Sep-03			Jun-04			Sep-04			Mar-03	Sep-03	Jun-04	Sep-04
Northing	Easting	Depth Below Surface (Feet)	DRO	ORO mg/kg	Total	DRO	ORO mg/kg	Total	DRO	ORO mg/kg	Total	DRO	ORO mg/kg	Total	DRO	ORO mg/kg	Total	DRO	ORO mg/kg	Total	DRO	ORO mg/kg	Total	Total	Total	Total	Total
-1200	0	0 - 2							220	0	220																
-1200	0	0 - 3												0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
-1200	0	3 - 5												181	0	181	240.0	0.0	240.0	118.0	0.0	118.0	0.0	118.0			
-1200	0	0 - 5												72.4	0	72.4	96.0	0.0	96.0	47.2	0.0	47.2	0.0	47.2	72.4	96.0	47.2
-1200	200	0 - 3							0	0	0			13	0	13	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
-1200	200	3 - 5												0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
-1200	200	0 - 5							0	12	12			7.8	0	7.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12	7.8	0.0	0.0
-1200	400	0 - 3							18	0	18			0	0	0	11.3	0.0	11.3	50.1	23.3	73.4					
-1200	400	3 - 5												0	0	0	147.0	0.0	147.0	10.5	0.0	10.5					
-1200	400	0 - 5							29	0	29			0	0	0	65.6	0.0	65.6	34.3	14.0	48.2	29	0	65.6	48.2	
-1200	450	0 - 2						0	0	0																	
-1200	600	0 - 3							32	16	48			0	0	0	0.0	0.0	0.0	11.8	0.0	11.8					
-1200	600	3 - 5												0	0	0	0.0	0.0	0.0	22.1	11.4	33.5					
-1200	600	0 - 5							0	0	0			0	0	0	0.0	0.0	0.0	15.9	4.6	20.5	0	0	0.0	20.5	
-1200	700	0 - 2						20	0	20																	
-1200	800	0 - 3							19	0	19			0	0	0	0.0	0.0	0.0	0.0	0.0	0.0					
-1200	800	3 - 5												706	0	706	10.7	0.0	10.7	78.1	0.0	78.1					
-1200	800	0 - 5							34	12	46			282.4	0	282.4	4.3	0.0	4.3	31.2	0.0	31.2	46	282	4.3	31.2	
-1200	1000	0 - 3							0	0	0			0	0	0	0.0	0.0	0.0	0.0	0.0	0.0					
-1200	1000	3 - 5												0	0	0	13.5	11.5	25.0	0.0	0.0	0.0					
-1200	1000	0 - 5							0	12	12			0	0	0	5.4	4.6	10.0	0.0	0.0	0.0	12	0	10.0	0.0	
-1100	200	0 - 2						0	0	0																	
-1100	900	0 - 2						38	0	38																	
-1000	200	0 - 3							0	0	0			0	0	0	0.0	0.0	0.0	0.0	0.0	0.0					
-1000	200	3 - 5												0	0	0	0.0	0.0	0.0	0.0	0.0	0.0					
-1000	200	0 - 5							0	0	0			0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0.0	0.0	
-1000	400	0 - 3							0	0	0			0	0	0	0.0	0.0	0.0	0.0	0.0	0.0					
-1000	400	3 - 5												0	0	0	0.0	0.0	0.0	0.0	0.0	0.0					
-1000	400	0 - 5							55	0	55			0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0.0	0.0	
-1000	800	0 - 3							84	33	117			0	0	0	0.0	0.0	0.0	0.0	0.0	0.0					
-1000	800	3 - 5												0	0	0	0.0	0.0	0.0	0.0	0.0	0.0					
-1000	800	0 - 5							0	0	0			0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0.0	0.0	
-1000	1000	0 - 3							0	0	0			0	0	0	0.0	0.0	0.0	0.0	0.0	0.0					
-1000	1000	3 - 5												256	0	256	116.0	0.0	116.0	75.5	0.0	75.5					
-1000	1000	0 - 5							0	0	0			102.4	0	102.4	46.4	0.0	46.4	30.2	0.0	30.2	0	102	46.4	30.2	
-950	400	0 - 2						0	0	0																	
-800	0	0 - 2						12	0	12																	
-800	0	0 - 3							20	0	20			84	0	84	21.6	11.2	32.8	0.0	0.0	0.0					
-800	0	3 - 5												19	10	29	14.2	0.0	14.2	56.7	0.0	56.7					
-800	0	0 - 5							14	14	28			58	4	62	18.6	6.7	25.4	22.7	0.0	22.7	28	62	25.4	22.7	
-800	80	0 - 2						12	0	12																	
-800	120	0 - 2						0	0	0																	
-800	200	0 - 3												91	54	145	0.0	0.0	0.0	0.0	0.0	0.0					
-800	200	3 - 5												178	294	472	0.0	0.0	0.0	0.0	0.0	0.0					
-800	200	0 - 5												125.8	150	275.8	0.0	0.0	0.0	0.0	0.0	0.0			276	0.0	0.0
-800	1000	0 - 3							0	0	0			0	0	0	0.0	0.0	0.0	0.0	0.0	0.0					
-800	1000	3 - 5												41	0	41	20.4	0.0	20.4	0.0	0.0	0.0					
-800	1000	0 - 5							38	0	38			16.4	0	16.4	8.2	0.0	8.2	0.0	0.0	0.0	38	16.4	8.2	0.0	
-750	550	0 - 2						0	0	0																	
-600	-200	0 - 3							72	12	84			204	0	204	33.5	19.9	53.4	77.7	18.6	96.3					
-600	-200	3 - 5												16	0	16	145.0	113.0	258.0	96.8	73.7	170.5					
-600	-200	0 - 5							0	21	21			128.8	0	128.8	78.1	57.1	135.2	85.3	40.6	126.0	21	129	135.2	126.0	
-600	0	0 - 2						1000	0	1000																	
-600	0	0 - 3							27	11	38			0	0	0	54.9	44.2	99.1	0.0	0.0	0.0					
-600	0	3 - 5												1570	0	1570	25.8	22.5	48.3	537.0	0.0	537.0					
-600	0	0 - 5							190	0	190			628	0	628	43.3	35.5	78.8	214.8	0.0	214.8	190	628	78.8	214.8	
-600	200	0 - 2						1400	0	1400																	
-600	200	0 - 3							0	0	0			77	0	77	232.0	0.0	232.0	0.0	0.0	0.0					
-600	200	3 - 5												1250	0	1250	592.0	0.0	592.0	705.0	0.0	705.0					
-600	200	0 - 5							2100	0	2100			546.2	0	546.2	376.0	0.0	376.0	282.0	0.0	282.0	2100	546	376.0	282.0	
-600	280	0 - 2						96	0	96																	
-600	400	0 - 2						52	28	80																	
-600	400	0 - 3							24	0	24			0	0	0	12.9	10.7	23.6	25.2	0.0	25.2					
-600	400	3 - 5												0	0	0	0.0	0.0	0.0	0.0	0.0	0.0					
-600	400	0 - 5							0	0	0			0	0	0	7.7	6.4	14.2	15.1	0.0	15.1	0	0	14.2	15.1	
-400	-200	0 - 3							284	0	284			21	12	33	172.0	0.0	172.0	11.3	0.0	11.3					

Landfarm Samples			May-02			Jul-02			Aug-02			Mar-03			Sep-03			Jun-04			Sep-04			Mar-03	Sep-03	Jun-04	Sep-04
Northing	Easting	Depth Below Surface (Feet)	DRO	ORO mg/kg	Total	DRO	ORO mg/kg	Total	DRO	ORO mg/kg	Total	DRO	ORO mg/kg	Total	DRO	ORO mg/kg	Total	DRO	ORO mg/kg	Total	DRO	ORO mg/kg	Total	Total	Total	Total	Total
-400	-200	3 - 5													19	0	19	424.0	0.0	424.0	23.6	0.0	23.6				
-400	-200	0 - 5							16	0	16	20.2	7.2	27.4	272.8	0.0	272.8	16.2	0.0	16.2	16			27.4	272.8	16.2	
-400	0	0 - 2				0	0	0																			
-400	0	0 - 3							47	0	47	0	0	0	24.2	14.2	38.4	0.0	0.0	0.0							
-400	0	3 - 5										0	0	0	0.0	0.0	0.0	108.0	0.0	108.0							
-400	0	0 - 5							0	23	23	0	0	0	14.5	8.5	23.0	43.2	0.0	43.2	23		0	23.0	43.2		
-400	200	0 - 2							36	0	36																
-400	200	0 - 3							33	0	33	15	0	15	31.5	12.9	44.4	48.9	0.0	48.9							
-400	200	3 - 5										0	0	0	49.1	31.8	80.9	0.0	0.0	0.0							
-400	200	0 - 5							0	0	0	9	0	9	38.5	20.5	59.0	29.3	0.0	29.3	0		9	59.0	29.3		
-400	280	0 - 2							21	0	21																
-400	400	0 - 2							0	0	0																
-400	400	0 - 3										0	10	10	0	0	0	157.0	0.0	157.0	44.3	0.0	44.3				
-400	400	3 - 5										0	0	0	182.0	0.0	182.0	14.5	0.0	14.5							
-400	400	0 - 5							12	12	24	0	0	0	167.0	0.0	167.0	32.4	0.0	32.4	24		0	167.0	32.4		
-400	480	0 - 2							1800	0	1800																
-200	-200	0 - 3							18	0	18	88	10	98	0.0	0.0	0.0	12.8	0.0	12.8							
-200	-200	3 - 5										0	0	0	64.2	12.9	77.1	140.0	0.0	140.0							
-200	-200	0 - 5							38	0	38	52.8	6	58.8	25.7	5.2	30.8	63.7	0.0	63.7	38		58.8	30.8	63.7		
-200	0	0 - 2							0	0	0																
-200	0	0 - 3							60	38	98	20	0	20	24.1	16.9	41.0	0.0	0.0	0.0							
-200	0	3 - 5										0	0	0	14.7	0.0	14.7	40.2	0.0	40.2							
-200	0	0 - 5							0	10	10	12	0	12	20.3	10.1	30.5	16.1	0.0	16.1	10		12	30.5	16.1		
-200	200	0 - 2							2000	0	2000																
-200	200	0 - 3							140	0	140	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0							
-200	200	3 - 5										314	0	314	115.0	0.0	115.0	1250.0	0.0	1250.0							
-200	200	0 - 5							3050	0	3050	125.6	0	125.6	107.0	0.0	46.0	500.0	0.0	500.0	3050		126	46.0	500.0		
0	0	0 - 2	280	10	290																						
0	0	0 - 3							359	0	359	13	0	13	255.0	0.0	255.0	131.0	0.0	131.0							
0	0	3 - 5										131	18	149	657.0	0.0	657.0	59.1	0.0	59.1							
0	0	0 - 5							117	18	135	60.2	7.2	67.4	415.8	0.0	415.8	102.2	0.0	102.2	135		67.4	415.8	102.2		
0	200	0 - 2	460	17	477				48	0	48																
0	200	0 - 3							223	0	223	0	0	0	247.0	13.0	260.0	17.9	0.0	17.9							
0	200	3 - 5										45	0	45	168.0	10.7	178.7	77.5	0.0	77.5							
0	200	0 - 5							149	0	149	18	0	18	215.4	12.1	227.5	41.7	0.0	41.7	149		18	227.5	41.7		
0	400	0 - 2	430	0	430				72	20	92																
0	400	0 - 3							11	0	11	45	46	91	0.0	0.0	0.0	0.0	0.0	0.0							
0	400	3 - 5										28	22	50	0.0	0.0	0.0	28.2	14.7	42.9							
0	400	0 - 5							20	13	33	38.2	36.4	74.6	0.0	0.0	0.0	11.3	5.9	17.2	33		74.6	0.0	17.2		
0	600	0 - 3							0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0							
0	600	3 - 5										0	0	0	0.0	0.0	0.0	0.0	0.0	0.0							
0	600	0 - 5							264	13	277	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	277		0	0.0	0.0		
0	800	0 - 3							0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0							
0	800	3 - 5										57	0	57	0.0	0.0	0.0	0.0	0.0	0.0							
0	800	0 - 5							38	0	38	22.8	0	22.8	0.0	0.0	0.0	0.0	0.0	0.0	38		22.8	0.0	0.0		
100	-100	0 - 2							110	16	126																
100	700	0 - 2							0	0	0																
200	-200	0 - 3							682	0	682	0	0	0	784.0	0.0	784.0	4710.0	0.0	4710.0							
200	-200	3 - 5										74	0	74	859.0	11.3	870.3	1180.0	0.0	1180.0							
200	-200	0 - 5							44	0	44	29.6	0	29.6	814.0	4.5	818.5	3298.0	0.0	3298.0	44		29.4	818.5	3298.0		
200	0	0 - 2	260	16	276				510	0	510																
200	0	0 - 3							39	0	39	75	0	75	88.0	0.0	88.0	22.4	26.9	49.3							
200	0	3 - 5										41	0	41	328.0	0.0	328.0	15.3	16.4	31.7							
200	0	0 - 5							321	0	321	61.4	0	61.4	184.0	0.0	184.0	19.6	22.7	42.3	321		61.4	184.0	42.3		
200	200	0 - 2	570	11	581	48	0	48	170	0	170																
200	200	0 - 3							115	0	115	87	0	87	14.0	0.0	14.0	73.4	0.0	73.4							
200	200	3 - 5										0	0	0	24.0	0.0	24.0	52.4	0.0	52.4							
200	200	0 - 5							182	0	182	52.2	0	52.2	18.0	0.0	18.0	65.0	0.0	65.0	182		52.2	18.0	65.0		
200	400	0 - 2	450	0	450				260	0	260																
200	400	0 - 3							0	0	0	213	23	236	0.0	0.0	0.0	19.6	0.0	19.6							
200	400	3 - 5										84	0	84	0.0	0.0	0.0	170.0	14.3	184.3							
200	400	0 - 5							12	0	12	161.4	13.8	175.2	0.0	0.0	0.0	79.8	5.7	85.5	12		175	0.0	85.5		
200	600	0 - 2							0	0	0																
200	600	0 - 3							22	0	22	98	0	98	40.0	0.0	40.0	16.2	0.0	16.2							
200	600	3 - 5										134	0	134	40.0	0.0	40.0	65.8	0.0	65.8							
200	600	0 - 5							52	0	52	112.4	0	112.4	40.0	0.0	40.0	36.0	0.0	36.0	52		112	40.0	36.0		

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Northing	Easting	Depth Below Surface (Feet)	DRO	ORO mg/kg	Total	DRO	ORO mg/kg	Total	DRO	ORO mg/kg	Total	DRO	ORO mg/kg	Total	DRO	ORO mg/kg	Total	DRO	ORO mg/kg	Total	DRO	ORO mg/kg	Total	Total	Total	Total	Total
200	800	0 - 3										13	0	13	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0				
200	800	3 - 5													0	0	0	0.0	0.0	0.0	0.0	0.0	0.0				
200	800	0 - 5										0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0.0	0.0
300	0	0 - 2						0	0	0																	
400	-100	0 - 2				17	0	17																			
400	0	0 - 2	280	13	293				220	0	220																
400	0	0 - 3										36	0	36	287	0	287	193.0	0.0	193.0	11.7	0.0	11.7				
400	0	3 - 5													14	0	14	485.0	0.0	485.0	0.0	0.0	0.0				
400	0	0 - 5										110	0	110	177.8	0	177.8	309.8	0.0	309.8	7.0	0.0	7.0	110	178	309.8	7.0
400	100	0 - 2						0	0	0																	
400	200	0 - 2	360	24	384				230	31	261																
400	200	0 - 3										434	0	434	468	0	468	0.0	0.0	0.0	120.0	0.0	120.0				
400	200	3 - 5													103	12	115	0.0	0.0	0.0	311.0	0.0	311.0				
400	200	0 - 5										314	0	314	322	4.8	326.8	0.0	0.0	0.0	196.4	0.0	196.4	314	327	0.0	196.4
400	400	0 - 2	480	0	480				260	13	273																
400	400	0 - 3										0	19	19	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0				
400	400	3 - 5													142	0	142	13.0	0.0	13.0	46.4	0.0	46.4				
400	400	0 - 5										12	0	12	56.8	0	56.8	5.2	0.0	5.2	18.6	0.0	18.6	12	56.8	5.2	18.6
400	600	0 - 2				17	0	17	110	73	183																
400	600	0 - 3										26	0	26	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0				
400	600	3 - 5													27	11	38	0.0	0.0	0.0	0.0	0.0	0.0				
400	600	0 - 5										0	12	12	10.8	4.4	15.2	0.0	0.0	0.0	0.0	0.0	0.0	12	15.2	0.0	0.0
500	0	0 - 2						0	0	0																	
600	0	0 - 2	330	130	460	320	0	320	250	0	250																
600	0	0 - 3										61	0	61	48	0	48	25.0	0.0	25.0	13.3	0.0	13.3				
600	0	3 - 5													0	0	0	93.0	0.0	93.0	0.0	0.0	0.0				
600	0	0 - 5																									
600	200	0 - 2	570	11	581	1400	0	1400	910	0	910				77	10	87	28.8	0	28.8	52.2	0.0	52.2	87	28.8	52.2	8.0
600	200	0 - 3										0	0	0	695	0	695	0.0	0.0	0.0	192.0	0.0	192.0				
600	200	3 - 5													410	0	410	0.0	0.0	0.0	777.0	0.0	777.0				
600	200	0 - 5										42	0	42	581	0	581	0.0	0.0	0.0	426.0	0.0	426.0	42	581	0.0	426.0
600	400	0 - 2				0	0	0	14	0	14																
600	400	0 - 3										0	0	0	0	0	0	17.0	0.0	17.0	0.0	0.0	0.0				
600	400	3 - 5													0	0	0	21.0	0.0	21.0	14.7	0.0	14.7				
600	400	0 - 5										0	0	0	0	0	0	18.6	0.0	18.6	5.9	0.0	5.9	0	0	18.6	5.9
600	600	0 - 2				31	0	31	190	0	190																
600	600	0 - 3										0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0				
600	600	3 - 5													0	0	0	0.0	0.0	0.0	13.0	0.0	13.0				
600	600	0 - 5										0	13	13	0	0	0	0.0	0.0	0.0	5.2	0.0	5.2	13	0	0.0	5.2
800	0	0 - 2				16	0	16	27	0	27																
800	0	0 - 3										40	0	40	464	0	464	202.0	0.0	202.0	17.9	0.0	17.9				
800	0	3 - 5													19	0	19	132.0	0.0	0.0	25.5	0.0	25.5				
800	0	0 - 5										329	0	329	286	0	286	174.0	0.0	121.2	20.9	0.0	20.9	329	286	121.2	20.9
800	200	0 - 2				0	0	0	12	0	12																
800	200	0 - 3										773	0	773	97	0	97	399.0	0.0	399.0	596.0	0.0	596.0				
800	200	3 - 5													131	0	131	763.0	0.0	763.0	953.0	0.0	953.0				
800	200	0 - 5										400	14	414	110.6	0	110.6	544.6	0.0	544.6	738.8	0.0	738.8	414	111	544.6	738.8
800	400	0 - 2				210	0	210	170	0	170																
800	400	0 - 3										76	0	76	86	0	86	62.0	0.0	62.0	0.0	0.0	0.0				
800	400	3 - 5													0	0	0	25.0	0.0	25.0	27.8	0.0	27.8				
800	400	0 - 5										135	0	135	51.6	0	51.6	47.2	0.0	47.2	11.1	0.0	11.1	135	51.6	47.2	11.1
800	600	0 - 2				29	0	29	0	0	0																
800	600	0 - 3										0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0				
800	600	3 - 5													0	0	0	0.0	0.0	0.0	13.9	0.0	13.9				
800	600	0 - 5										0	0	0	0	0	0	0.0	0.0	0.0	5.6	0.0	5.6	0	0	0.0	5.6
1000	0	0 - 2				15	0	15	150	0	150																
1000	0	0 - 3										0	10	10	0	0	0	28.0	0.0	28.0	0.0	0.0	0.0				
1000	0	3 - 5													0	0	0	108.0	0.0	108.0	0.0	0.0	0.0				
1000	0	0 - 5																									
1000	200	0 - 2				1300	0	1300	740	0	740																
1000	200	0 - 3										112	0	112	166	0	166	145.0	0.0	145.0	66.4	0.0	66.4				
1000	200	3 - 5													14	0	14	12.2	0.0	12.2	36.4	0.0	36.4				
1000	200	0 - 5										43	0	43	105.2	0	105.2	91.9	0.0	91.9	54.4	0.0	54.4	43	105	91.9	54.4
1000	400	0 - 2				0	0	0	28	0	28																
1000	400	0 - 3										24	0	24	22	0	22	0.0	0.0	0.0	0.0	0.0	0.0				
1000	400	3 - 5													0	0	0	0.0	0.0	0.0	0.0	0.0	0.0				

Landfarm Samples			May-02			Jul-02			Aug-02			Mar-03			Sep-03			Jun-04			Sep-04			Mar-03	Sep-03	Jun-04	Sep-04	
Northing	Easting	Depth Below Surface (Feet)	DRO	ORO	Total	DRO	ORO	Total	DRO	ORO	Total	DRO	ORO	Total	DRO	ORO	Total	DRO	ORO	Total	DRO	ORO	Total	Total	Total	Total	Total	
			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg					
1000	400	0 - 5																										
1000	600	0 - 2				0	0	0	0	0	0	27	0	27	13.2	0	13.2	0.0	0.0	0.0	0.0	0.0	0.0		27	13.2	0.0	0.0
1000	600	0 - 3										17	0	17	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0					
1000	600	3 - 5													0	0	0	0.0	0.0	0.0	0.0	0.0	0.0					
1000	600	0 - 5										0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0		0	0	0.0	0.0
Weighted Average: 0 - 3 feet and 3 - 5 feet																												
																							<b>Mar-03</b>	<b>Sep-03</b>	<b>Jun-04</b>	<b>Sep-04</b>		
																							Average:	176.4	94.4	88.9	134.5	
																							Standard Deviation:	520.0	149.5	158.8	473.2	
																							Maximum:	3050.0	628.0	818.5	3298.0	
																							Minimum:	0.0	0.0	0.0	0.0	