

CIMARRON FACILITY
1992 ANNUAL ENVIRONMENTAL SAMPLES

AIR

Analysis - Gross Alpha
($\mu\text{Ci}/\text{ml} \times \text{E}-14$)

Week No.	NW 1/2 Mile Sample 1101	KM Lake East Sample 1102	Jct. Hwy. 33/74 Sample 1103	Week No.	NW 1/2 Mile Sample 1101	KM Lake East Sample 1102	Jct. Hwy. 33/74 Sample 1103
01	1.9	2.1	1.9	27	1.1	0.12	0.82
02	1.1	1.3	1.3	28	0.37	1.2	1.3
03	0.9	1.1	1.2	29	0.37	0.77	0.64
04	1.0	0.87	1.8	30	0.30	1.6	0.64
05	1.2	1.0	0.95	31	0.82	0.72	0.69
06	0.76	1.0	1.3	32	0.36	0.23	0.69
07	1.2	0.91	1.2	33	0.18	0.69	1.2
08	1.3	1.5	1.7	34	2.3	**	2.1
09	0.89	0.68	.81	35	0.97	1.2	0.98
10	0.62	0.52	0.4	36	0.57	0.59	0.46
11	1.1	1.0	1.2	37	0.92	0.58	0.91
12	0.89	0.68	1.0	38	0.46	0.92	0.94
13	0.62	0.68	0.89	39	0.61	0.47	0.57
14	**	1.2	1.1	40	1.3	0.82	1.2
15	0.78	0.79	0.91	41	1.5	0.79	1.0
16	0.5	0.64	0.71	42	1.4	1.3	0.95
17	0.37	0.39	0.47	43	1.1	0.56	0.52
18	0.89	0.72	0.47	44	1.4	0.74	1.0
19	0.31	0.55	1.1	45	0.91	0.54	0.65
20	0.74	0.46	0.47	46	0.82	1.1	0.92
21	0.37	0.19	0.62	47	0.30	0.40	0.43
22	0.45	0.85	0.49	48	0.25	0.49	0.42
23	0.31	0.34	0.31	49	0.34	0.14	0.47
24	0.19	0.19	0.26	50	0.44	0.44	0.40
25	0.25	0.53	0.32	51	0.45	0.82	0.82
26	0.64	0.23	0.24	52	0.36	0.40	0.41

** Did not run - due to faulty sampler.

9303110349 930305
PDR ADDCK 07000925
PDR

1992 ENVIRONMENTAL SAMPLE RESULTS

		DATE	F	NO3(N)	GROSS ALPHA	GROSS BETA	TOTAL U	U-234	U-235	U-236	U-238
WELL WATER	NO.		mg/L	mg/L	pCi/L	pCi/L	mg/L	pCi/L	pCi/L	pCi/L	pCi/L
S. of Landfill	1311	06/12/92	<0.2	160	32	19	<0.0054	4.02	0.10	0.003	1.65
W. of Landfill	1312	06/12/92	28	530	840	1200	0.029	30.52	1.33	0.165	9.44
N. of Landfill	1313	06/12/92	97	640	1510	1580	0.062	69.08	2.83	0.354	20.19
S. of Burial Pit	1314	06/17/92	<.4	2	<10	<20	<0.005				
N. of Burial Pit	1315	06/17/92	0.4	6.3	2590	273	2.80	1386.56	69.91	10.65	921.2
NW of Burial Pit	1316	06/17/92	0.4	5.9	776	85	0.68	505.10	23.79	4.31	222.6
N. of Burial Pit	1317	06/17/92	0.4	1.1	311	41	0.33	163.42	8.57	0.84	108.5
Leo's Corral	1318		NO	SAMPLE	TAKEN	-	WELL	DAMAGE			
U-Plant Yard	1319	06/19/92	<0.4	0.9	<10	<20	<0.005				
N. Designated Area	1320	06/12/92	0.7	21	14	<20	<0.005				
N. of D.A. (Deep)	1321	06/12/92	<0.2	1.0	20	<20	0.016	12.88	0.31	0.010	5.26
W. of Tractor Shed	1322	06/11/92	0.4	4.7	16	<20	0.010	7.43	0.26	0.019	3.29
W. of Tractor Shed-deep	1323	06/11/92	<0.2	2.1	32	<20	0.033	22.47	0.51	0.02	10.91
E. of Designated Area	1324	06/17/92	0.4	14.0	10	<20	<0.005				
S. of Designated Area	1325	06/17/92	0.4	14.4	<10	<20	<0.005				
E. of U-plant Yard	1326	06/11/92	0.3	15	17	20	0.006	0.74	0.09	0.004	1.98
W. of U-plant Yard	1327B	06/11/92	0.5	10	<10	<20	<0.005				
S. of U-plant(deep)	1328	06/18/92	0.4	1.9	31	<20	0.032	21.79	0.49	0.02	10.56
S. of U-Plant	1329	06/18/92	<0.4	3.9	<10	<20	0.006				
SW of U-plant Yard	1330	06/18/92	<0.4	68	22	21	.010	7.43	0.33	0.03	3.26
NE of U-Plant Yard	1331	06/16/92	<0.4	10.3	289	0.13	0.13	193.13	9.00	1.32	41.85
W. of San. Lagoon (Deep)	1332	06/16/92	<0.4	1.2	30	<20	0.030	20.43	0.46	0.02	9.92
W. of San. Lagoon	1333	06/16/92	<0.4	1.5	25	<20	0.016	10.99	0.49	0.02	5.25
N. of San. Lagoon	1334	06/16/92	0.42	1.5	12	<20	0.010	7.43	0.3	0.02	3.26
W. of Designated Area	1335	06/17/92	<0.4	20	<10	<20	<.005				
N. of Old Pond #2	1336		NO	SAMPLE	TAKEN	-	WELL	DAMAGE			

1992 ANNUAL ENVIRONMENTAL SAMPLE RESULTS

SURFACE WATER		DATE	F	No3(N)	GROSS ALPHA	GROSS BETA	TOTAL U	U-234	U-235	U-236	U-238
LOCATION	NO.		mg/L	mg/L	pCi/L	pCi/L	mg/L	pCi/L	pCi/L	pCi/L	pCi/L
River-Upstream	1201	06/22/92	<0.4	0.8	<10	<20	0.006				
River-Downstream	1202	06/22/92	<0.4	0.8	<10	<20	0.007				
Pond West of Plant	1204	06/19/92	<0.4	1.0	<10	<20	<0.005				
KM Lake-East	1205	06/19/92	<0.4	0.9	<10	<20	<0.005				
Slough-NW of Inc	1206	06/19/92	2.7	3.7	126	<20	0.093	126.65	5.03	0.71	30.16
Stream NW Old #2	1208	06/19/92	<0.4	6.7	10	21	<0.005	8.047	0.36	0.03	1.61
KM Lake-West	1209	06/19/92	<0.4	0.7	<10	<20	<0.005				
New San. Lagoon	1214	06/19/92	1.0	0.5	53	<20	0.023	38.44	1.60	0.20	7.40

1992 ANNUAL ENVIRONMENTAL SAMPLE RESULTS			
SOIL		DATE	TOTAL U
SURFACE	NO.		µg/g
North 1/2 mile	1401	06/24/92	<2
North Fence	1402	06/24/92	<2
South Fence	1403	06/24/92	<2
South 1/2 Mile	1404	06/23/92	<2
East 1/2 Mile	1405	06/23/92	<2
West 1/2 Mile	1406	06/24/92	<2
North 1 Mile	1407	06/24/92	<2
South 1 Mile	1408	06/24/92	<2
East 1 Mile	1409	07/01/92	<2
West 1 Mile	1410	07/01/92	<2
North Pu Fence	1418	06/24/92	<2
SUB-SURFACE			
North 1/2 Mile	1401	06/24/92	<2
North Fence	1402	06/24/92	<2
South Fence	1403	06/24/92	<2
South 1/2 Mile	1404	06/23/92	<2
East 1/2 Mile	1405	06/23/92	<2
West 1/2 Mile	1406	06/24/92	<2
North 1 mile	1407	06/24/92	<2
South 1 Mile	1408	06/24/92	<2
East 1 Mile	1409	07/01/92	<2
West 1 Mile	1410	07/01/92	<2
North Pu Fence	1418	06/24/92	<2

1992 ANNUAL ENVIRONMENTAL SAMPLE RESULTS			
VEGETATION			
Covered #1 Pond	1508	06/22/92	<3
Covered #2 Pond	1509	06/22/92	<3
Burial Ground	1510	06/22/92	<3









