Appendix A

2001 CFA Landfills Inspection

Contents

Inspection of CFA Landfill Native Soil Covers for 2001	A-3
Well Inspection Checklist for CFA-1	A-14
Well Inspection Checklist for CFA-2	A-15
Well Inspection Checklist for LF 2-01	A-16
Well Inspection Checklist for LF 2-02	A-18
Well Inspection Checklist for LF 2-03	A-20
Well Inspection Checklist for LF 2-04	A-22
Well Inspection Checklist for LF 2-05	A-24
Well Inspection Checklist for LF 2-06	A-26
Well Inspection Checklist for LF 2-07	A-28
Well Inspection Checklist for LF 2-08	A-30
Well Inspection Checklist for LF 2-09	A-33
Well Inspection Checklist for LF 2-10	A-36
Well Inspection Checklist for LF 2-11	A-39
Well Inspection Checklist for LF 2-12	A-43
Well Inspection Checklist for LF 3-01	A-45
Well Inspection Checklist for LF 3-02	A-47
Well Inspection Checklist for LF 3-03	A-49
Well Inspection Checklist for LF 3-04	A-51
Well Inspection Checklist for LF 3-05	A-53
Well Inspection Checklist for LF 3-06	A-55
Well Inspection Checklist for LF 3-07	A-57
Well Inspection Checklist for LF 3-08	A-59
Well Inspection Checklist for LF 3-10	A-62
Well inspection Checklist for LF 3-11	A-65
Well Inspection Checklist for CFA-MON-A-001	A-67
Well Inspection Checklist for CFA-MON-A-002	A-71
Well Inspection Checklist for CFA-MON-A-003	A-75
Well Inspection Checklist for CFA-GAS-V-004	A-78
Well Inspection Checklist for CFA-GAS-V-005	A-80
Well Inspection Checklist for CFA-GAS-V-006	A-83
Well Inspection Checklist for CFA-GAS-V-007	A-86
Well Inspection Checklist for CFA-GAS-V-008	A-88
Storm Water Comprehensive Site Compliance Evaluation for July 1999	A-90
Storm Water Comprehensive Site Compliance Evaluation for April 2000	A-92
Storm Water Comprehensive Site Compliance Evaluation for April 2001	A-96

AS REQUIRED BY OU 4-12 OPERATING AND MAINTENANCE PLAN

Periodic Inspection of CFA Landfill Native Soil Covers

Inspection at Landfill I ☒ Landfill II ☐ Landfill III

INSPECTION ACTIVITY	INSPECTOR SIGNATURE	INSPECTOR DATE	STATUS		COMMENTS/RECOMMENDED REPAIR
			SAT	UNSAT	
VEGETATIVE COVER					
1. Inspect for nongrowth areas.	D Wagoner	10/17/01	✓		
2. Inspect for sparse growth areas.	D Wagoner	10/17/01	✓		Vegetation lush
3. Inspect for weed encroachment.	D Wagoner	10/17/01	✓		
SOIL COVER					
1. Inspect for erosion areas.	D Wagoner	10/17/01	✓		
2. Inspect for subsidence areas or slope movement.	D Wagoner	10/17/01	✓		See topo survey
3. Inspect for animal intrusion.	D Wagoner	10/17/01	✓		None on top
ROCK ARMOR					
1. Inspect to verify a minimum of 30.5 cm (12 in.) of rock armor.					NA
TIME DOMAIN REFLECTOMETER					
1. Inspect equipment cabinet to verify it is sealed.	D Wagoner	10/17/01	✓		These TDRs were inspected quarterly this last year per Carol Grigsby.
2. Inspect interior for unusual dirt or debris.	D Wagoner	10/17/01	✓		
3. Inspect the exterior and interior of the weather box for deterioration and presence of moisture or water.	D Wagoner	10/17/01	✓		
4. Inspect the solar collector barrel for condition/function.	D Wagoner	10/17/01	✓		
5. Inspect and verify presence of guard post and TDR.	D Wagoner	10/17/01	✓		

SAT = Satisfactory
UNSAT = Unsatisfactory

INSPECTION ACTIVITY	INSPECTOR SIGNATURE	INSPECTOR DATE	STATUS		COMMENTS/RECOMMENDED REPAIR
			SAT	UNSAT	
AQUIFER/SOIL GAS WELLS AND NEUTRON ACCESS PROBES TUBES (NPAT) 1. Inspect for integrity.	D Wagoner	10/17/01	✓		Recent inspections and repairs have been by groundwater monitoring personnel. See attached results
2. Inspect for cleanliness.	D Wagoner	10/17/01	✓		
3. Inspect operating condition of lock, rust on cover, well casing damage.	D Wagoner	10/17/01	✓		NPAT locks replaced, some rust but solid
4. Inspect guard posts around well cover to ensure they are stable.	D Wagoner	10/17/01	✓		
INSTITUTIONAL CONTROLS 1. Document fences/barriers restrict access.	D Wagoner	10/17/01	✓		See IC Inspection Report
2. Document signs/barriers identifying they are in place	D Wagoner	10/17/01	✓		

Name of Inspector Deborah Wagoner

Qualification/Title Engineer / Task Lead

Approved _____ 1/28/02
Signature Date
INEEL M&O Contractor WAG 4 Remediation Program Manager

Photographs: ☒ Taken ☐ Not Taken

See IC Inspection Report DOE/ID-10973

Periodic Inspection of CFA Landfill Native Soil Covers

Inspection at Landfill I ☐ Landfill II ☒ Landfill III ☐

INSPECTION ACTIVITY	INSPECTOR SIGNATURE	INSPECTOR DATE	STATUS		COMMENTS/RECOMMENDED REPAIR
			SAT	UNSAT	
VEGETATIVE COVER					
1. Inspect for nongrowth areas.	D Wagoner	10/17/01	✓		None greater than 10'x10'
2. Inspect for sparse growth areas.	D Wagoner	10/17/01	✓		Better than Landfill III
3. Inspect for weed encroachment.	D Wagoner	10/17/01	✓		
SOIL COVER					
1. Inspect for erosion areas.	D Wagoner	10/17/01	✓		
2. Inspect for subsidence areas or slope movement.	D Wagoner	10/17/01	✓		See topo survey
3. Inspect for animal intrusion.	D Wagoner	10/17/01	✓		None on top
ROCK ARMOR					(More dense survey points taken this year)
1. Inspect to verify a minimum of 30.5 cm (12 in.) of rock armor.	D Wagoner	10/17/01	✓		See topo survey
TIME DOMAIN REFLECTOMETER					Most TDRs have been checked more frequently than quarterly to check out the new system. New pen (not hairglow).
1. Inspect equipment cabinet to verify it is sealed.	D Wagoner	10/17/01	✓		
2. Inspect interior for unusual dirt or debris.	D Wagoner	10/17/01	✓		
3. Inspect the exterior and interior of the weather box for deterioration and presence of moisture or water.	D Wagoner	10/17/01	✓		
4. Inspect the solar collector barrel for condition/function.	D Wagoner	10/17/01	✓		
5. Inspect and verify presence of guard post and TDR.	D Wagoner	10/17/01	✓		Place guard posts around new reflectometers to protect them. Completed in 12/01. (DAW 1/9/02)

SAT = Satisfactory
UNSAT = Unsatisfactory

INSPECTION ACTIVITY	INSPECTOR SIGNATURE	INSPECTOR DATE	STATUS		COMMENTS/RECOMMENDED REPAIR
			SAT	UNSAT	
AQUIFER/SOIL GAS WELLS AND NEUTRON ACCESS PROBES TUBES (NPAT)					
1. Inspect for integrity.	D Wagoner	10/17/01	✓		Recent inspections and repairs were done by groundwater personnel. See attached results
2. Inspect for cleanliness.	D Wagoner	10/17/01	✓		
3. Inspect operating condition of lock, rust on cover, well casing damage.	D Wagoner	10/17/01	✓		locks recently checked and replaced
4. Inspect guard posts around well cover to ensure they are stable.	D Wagoner	10/17/01	✓		
INSTITUTIONAL CONTROLS					
1. Document fences/barriers restrict access.	D Wagoner	10/17/01	✓		See IC Inspection Report DOE/ID-10973
2. Document signs/barriers identifying they are in place.	D Wagoner	10/17/01	✓		

Name of Inspector Deborah Wagoner

Qualification/Title Engineer / WAG 4 Task Lead

Approved [signature]
Signature
INEEL M&O Contractor WAG 4 Remediation Program Manager

1/28/02
Date

Photographs: ☑ Taken ☐ Not Taken
See IC inspection Report DOE/ID-10973

AS REQUIRED BY OU 4-12 OPERATING AND MAINTENANCE PLAN

Periodic Inspection of CFA Landfill Native Soil Covers

Inspection at Landfill I Landfill II ☐ Landfill III ☒

INSPECTION ACTIVITY	INSPECTOR SIGNATURE	INSPECTOR DATE	STATUS		COMMENTS/RECOMMENDED REPAIR
			SAT	UNSAT	
VEGETATIVE COVER					
1. Inspect for nongrowth areas.	D Wagoner	10/17/01	✓		Only nongrowth areas greater than 10 ft x 10 ft are on the road leading to TDR's
2. Inspect for sparse growth areas.	D Wagoner	10/17/01	✓		Growth is sparse as than other landfills
3. Inspect for weed encroachment.	D Wagoner	10/17/01	✓		
SOIL COVER					
1. Inspect for erosion areas.	D Wagoner	10/17/01	✓		Nothing
2. Inspect for subsidence areas or slope movement.	D Wagoner	10/17/01	✓		Nothing visually - see survey results
3. Inspect for animal intrusion.	D Wagoner	10/17/01	✓		No animals intrusion on top
ROCK ARMOR					
1. Inspect to verify a minimum of 30.5 cm (12 in.) of rock armor.					NA
TIME DOMAIN REFLECTOMETER					
1. Inspect equipment cabinet to verify it is sealed.	D Wagoner	10/17/01	✓		These TDRs have been checked more frequently than quarterly with check-out of new system per Carl Langston. ok - new
2. Inspect interior for unusual dirt or debris.	D Wagoner	10/17/01	✓		ok - new
3. Inspect the exterior and interior of the weather box for deterioration and presence of moisture or water.	D Wagoner	10/17/01	✓		ok - new
4. Inspect the solar collector barrel for condition/function.	D Wagoner	10/17/01	✓		ok - new
5. Inspect and verify presence of guard post and TDR.	D Wagoner	10/17/01			Construction cones only - could have solid guard posts

Completed in 12/01. (DW 1/9/02)

SAT = Satisfactory
UNSAT = Unsatisfactory

INSPECTION ACTIVITY	INSPECTOR SIGNATURE	INSPECTOR DATE	STATUS		COMMENTS/RECOMMENDED REPAIR
			SAT	UNSAT	
AQUIFER/SOIL GAS WELLS AND NEUTRON ACCESS PROBES TUBES (NPAT) 1. Inspect for integrity.			✓		Recent inspections and repairs were done by groundwater monitoring personnel. Fine See attached results
2. Inspect for cleanliness.			✓		Fine
3. Inspect operating condition of lock, rust on cover, well casing damage.			✓		NPAT locks are replaced, cover is rusty but solid
4. Inspect guard posts around well cover to ensure they are stable.			✓		guard posts stable
INSTITUTIONAL CONTROLS 1. Document fences/barriers restrict access.			✓		No breaks in fence, locks in-tact – See IC Inspection Report
2. Document signs/barriers identifying they are in place.			✓		Keepout signs & IC signs in good shape

Name of Inspector Deborah Wagoner

Qualification/Title Engineer/WAG 4 Task Lead

Approved [signature] 1/28/02
Signature Date

INEEL M&O Contractor WAG 4 Remediation Program Manager

Photographs: ☒ Taken ☐ Not Taken
See IC Inspection Report
DCD/ID 10973

S[illegible] isfactory
[illegible]S[illegible] Unsatisfactory

SURVEY COMPARISON FOR CFA LANDFILLS

LANDFILL I

t #	Northing	Easting	1997	2000	2001	Description	Delta from 1997 to 2001
2	10099.98	10100.03	4944.75	4944.90	4944.86	LF-1 FINISH GRADE	0.11
3	10100.01	10200.00	4944.06	4944.16	4944.14	LF-1 FINISH GRADE	0.08
4	10099.99	10299.98	4944.05	4944.12	4944.12	LF-1 FINISH GRADE	0.07
5	10099.98	10400.06	4944.02	4944.14	4944.10	LF-1 FINISH GRADE	0.08
6	10200.00	10499.97	4944.26	4944.35	4944.33	LF-1 FINISH GRADE	0.07
7	10200.00	10400.02	4943.36	4943.55	4943.54	LF-1 FINISH GRADE	0.18
8	10200.00	10300.04	4943.86	4944.00	4944.00	LF-1 FINISH GRADE	0.14
9	10200.00	10200.02	4943.97	4944.08	4944.07	LF-1 FINISH GRADE	0.10
10	10200.00	10100.05	4944.72	4944.85	4944.80	LF-1 FINISH GRADE	0.08
11	10300.03	10100.08	4944.75	4944.80	4944.78	LF-1 FINISH GRADE	0.03
12	10300.02	10200.11	4943.82	4943.96	4944.02	LF-1 FINISH GRADE	0.20
13	10300.01	10300.07	4943.14	4943.28	4943.26	LF-1 FINISH GRADE	0.12
14	10300.01	10400.07	4942.60	4942.86	4942.84	LF-1 FINISH GRADE	0.24
15	10300.02	10500.02	4943.36	4943.43	4943.45	LF-1 FINISH GRADE	0.09
16	10400.01	10500.03	4942.44	4942.55	4942.56	LF-1 FINISH GRADE	0.12
17	10400.02	10400.00	4942.86	4942.85	4942.90	LF-1 FINISH GRADE	0.04
18	10399.98	10299.95	4943.26	4943.31	4943.30	LF-1 FINISH GRADE	0.04
19	10400.00	10200.00	4943.89	4943.97	4943.96	LF-1 FINISH GRADE	0.07
20	10400.01	10100.03	4944.80	4944.94	4944.92	LF-1 FINISH GRADE	0.12
21	10399.98	9999.97	4945.03	4945.19	4945.22	LF-1 FINISH GRADE	0.19
22	10500.02	10000.02	4944.72	4944.89	4944.90	LF-1 FINISH GRADE	0.18
23	10500.02	10100.02	4944.54	4944.70	4944.72	LF-1 FINISH GRADE	0.18
24	10500.01	10200.02	4944.03	4944.10	4944.10	LF-1 FINISH GRADE	0.07
25	10499.94	10299.92	4943.12	4943.22	4943.22	LF-1 FINISH GRADE	0.10
26	10500.78	10401.56	4943.12	4943.08	4943.10	TOP OF CONCRETE	-0.02
27	10499.97	10499.95	4942.14	4942.21	4942.21	LF-1 FINISH GRADE	0.07
28	10599.97	10399.97	4942.60	4942.68	4942.72	LF-1 FINISH GRADE	0.12
29	10599.96	10299.95	4943.15	4943.21	4943.22	LF-1 FINISH GRADE	0.07
30	10599.97	10199.98	4943.49	4943.65	4943.61	LF-1 FINISH GRADE	0.12
31	10600.04	10100.03	4943.72	4943.92	4943.90	LF-1 FINISH GRADE	0.18
32	10599.94	9999.97	4944.00	4944.17	4944.15	LF-1 FINISH GRADE	0.15
33	10600.02	9900.01	4943.22	4943.38	4943.41	LF-1 FINISH GRADE	0.19
34	10699.97	9899.99	4944.11	4944.23	4944.19	LF-1 FINISH GRADE	0.08
35	10700.00	9999.99	4943.14	4943.29	4943.29	LF-1 FINISH GRADE	0.15
36	10700.04	10100.02	4942.97	4942.92	4942.90	LF-1 FINISH GRADE	-0.07
37	10699.95	10199.96	4942.44	4942.54	4942.54	LF-1 FINISH GRADE	0.10
38	10700.00	10299.98	4942.47	4942.60	4942.59	LF-1 FINISH GRADE	0.12
39	10699.99	10400.02	4941.92	4942.03	4942.04	LF-1 FINISH GRADE	0.12
40	10799.99	10299.99	4942.21	4942.31	4942.30	LF-1 FINISH GRADE	0.09
41	10800.00	10199.99	4942.38	4942.50	4942.50	LF-1 FINISH GRADE	0.12
42	10800.02	10100.02	4942.88	4943.04	4943.01	LF-1 FINISH GRADE	0.13
43	10800.00	10000.00	4943.33	4943.43	4943.43	LF-1 FINISH GRADE	0.10
44	10800.06	9900.01	4943.86	4943.99	4943.97	LF-1 FINISH GRADE	0.11
45	10900.04	9900.01	4943.50	4943.65	4943.64	LF-1 FINISH GRADE	0.14
46	10899.98	9999.99	4943.16	4943.21	4943.20	LF-1 FINISH GRADE	0.04
						Maximum	0.02 ← .24
						Minimum	-0.07 ← -.02
						Average	0.11
						St Dev	0.06

SURVEY COMPARISON FOR CFA LANDFILLS

LANDFILL II

	Northing	Easting	1997	2000	2001	Description	Delta from 1997 to 2001
2	10100.02	13299.84	4936.64	4936.61	4936.61	LF-2 FINISH GRADE	-0.03
3	10100.00	13400.03	4936.15	4936.22	4936.17	LF-2 FINISH GRADE	0.02
4	10100.01	13499.96	4935.94	4936.02	4935.99	LF-2 FINISH GRADE	0.05
5	10099.99	13600.03	4935.63	4935.67	4935.67	LF-2 FINISH GRADE	0.04
6	10100.00	13699.99	4935.35	4935.43	4935.41	LF-2 FINISH GRADE	0.06
7	10099.99	13800.03	4935.40	4935.43	4935.38	LF-2 FINISH GRADE	-0.02
8	10099.97	13900.04	4935.59	4935.64	4935.63	LF-2 FINISH GRADE	0.04
9	10100.03	13999.98	4934.48	4934.57	4934.56	LF-2 FINISH GRADE	0.08
10	10199.99	14000.00	4933.84	4933.91	4933.91	LF-2 FINISH GRADE	0.07
11	10199.99	13900.01	4934.83	4934.89	4934.83	LF-2 FINISH GRADE	0.00
12	10200.03	13799.96	4934.84	4934.95	4934.89	LF-2 FINISH GRADE	0.05
13	10200.01	13699.98	4934.92	4934.92	4934.87	LF-2 FINISH GRADE	-0.05
14	10199.99	13600.03	4935.14	4935.20	4935.13	LF-2 FINISH GRADE	-0.01
15	10200.00	13499.99	4935.60	4935.67	4935.65	LF-2 FINISH GRADE	0.05
16	10200.02	13399.94	4935.87	4935.94	4935.89	LF-2 FINISH GRADE	0.02
17	10199.97	13300.03	4936.19	4936.26	4936.24	LF-2 FINISH GRADE	0.05
18	10200.00	13199.99	4936.69	4936.79	4936.76	LF-2 FINISH GRADE	0.07
19	10300.01	13199.99	4936.95	4936.93	4936.93	LF-2 FINISH GRADE	-0.02
20	10300.01	13299.97	4935.58	4935.57	4935.53	LF-2 FINISH GRADE	-0.05
21	10299.98	13400.03	4935.01	4935.08	4935.04	LF-2 FINISH GRADE	0.03
22	10301.44	13497.38	4934.96	4934.99	4934.89	LF-2 FINISH GRADE	-0.07
23	10299.98	13600.02	4935.08	4935.18	4935.15	LF-2 FINISH GRADE	0.07
24	10299.98	13700.03	4934.45	4934.53	4934.48	LF-2 FINISH GRADE	0.03
25	10299.94	13800.05	4934.01	4934.01	4934.08	LF-2 FINISH GRADE	0.07
26	10299.93	13900.04	4931.11	4931.22	4931.17	LF-2 FINISH GRADE	0.06
27	10400.03	13799.98	4933.41	4933.51	4933.48	LF-2 FINISH GRADE	0.07
28	10400.01	13699.98	4934.18	4934.18	4934.17	LF-2 FINISH GRADE	-0.01
29	10399.95	13600.06	4934.24	4934.31	4934.29	LF-2 FINISH GRADE	0.05
30	10399.97	13600.01	4934.24	4934.49	4934.46	LF-2 FINISH GRADE	0.22
31	10400.04	13499.93	4934.40	4934.49	4934.46	LF-2 FINISH GRADE	0.06
32	10400.10	13399.81	4934.80	4934.90	4934.88	LF-2 FINISH GRADE	0.08
33	10400.04	13299.94	4935.24	4935.30	4935.28	LF-2 FINISH GRADE	0.04
34	10400.02	13199.95	4936.97	4937.01	4936.98	LF-2 FINISH GRADE	0.01
35	10500.00	13200.01	4937.01	4937.05	4937.10	LF-2 FINISH GRADE	0.09
36	10500.03	13299.95	4935.35	4935.51	4935.54	LF-2 FINISH GRADE	0.19
37	10499.98	13400.03	4934.33	4934.43	4934.43	LF-2 FINISH GRADE	0.10
38	10499.95	13500.05	4934.02	4934.26	4934.23	LF-2 FINISH GRADE	0.21
39	10499.98	13600.01	4934.16	4934.24	4934.26	LF-2 FINISH GRADE	0.10
40	10500.02	13699.99	4933.48	4933.62	4933.61	LF-2 FINISH GRADE	0.13
41	10500.06	13799.98	4932.50	4932.62	4932.62	LF-2 FINISH GRADE	0.12
42	10599.99	13800.00	4926.46	4926.58	4926.55	LF-2 FINISH GRADE	0.09
43	10600.05	13699.97	4931.34	4931.39	4931.38	LF-2 FINISH GRADE	0.04
44	10600.01	13599.99	4933.11	4933.18	4933.17	LF-2 FINISH GRADE	0.06
45	10599.98	13500.02	4933.70	4933.84	4933.82	LF-2 FINISH GRADE	0.12
46	10599.99	13399.99	4934.10	4934.08	4934.10	LF-2 FINISH GRADE	0.00
47	10600.05	13299.95	4934.60	4934.71	4934.70	LF-2 FINISH GRADE	0.10
48	10600.00	13199.99	4936.81	4936.91	4936.89	LF-2 FINISH GRADE	0.08
49	10700.00	13200.00	4938.49	4938.57	4938.53	LF-2 FINISH GRADE	0.04
50	10700.04	13299.96	4935.88	4936.06	4935.96	LF-2 FINISH GRADE	0.08
51	10699.99	13399.98	4933.77	4933.82	4933.75	LF-2 FINISH GRADE	-0.02
52	10699.93	13500.06	4932.02	4932.21	4932.11	LF-2 FINISH GRADE	0.09
53	10700.02	13599.99	4928.11	4928.24	4928.17	LF-2 FINISH GRADE	0.06
54	10700.03	13700.08	4922.00	4922.03	4922.02	LF-2 FINISH GRADE	0.02
55	10799.84	13500.12	4923.69	4923.91	4923.91	LF-2 FINISH GRADE	0.22
56	10800.12	13399.89	4929.94	4930.13	4930.14	LF-2 FINISH GRADE	0.20
57	10799.99	13300.04	4933.42	4933.55	4933.51	LF-2 FINISH GRADE	0.09
58	10800.01	13200.01	4936.45	4936.56	4936.57	LF-2 FINISH GRADE	0.12
59	10900.04	13199.97	4934.49	4934.57	4934.47	LF-2 FINISH GRADE	-0.02
60	10900.05	13299.96	4928.73	4928.76	4928.74	LF-2 FINISH GRADE	0.01
61	10999.96	13300.04	4929.22	4929.16	4929.13	LF-2 FINISH GRADE	-0.09
62	11000.02	13200.00	4933.95	4934.06	4934.03	LF-2 FINISH GRADE	0.08
63	11100.09	13200.02	4932.30	4932.09	4931.98	LF-2 FINISH GRADE	-0.32
64	11099.95	13300.01	4926.08	4926.21	4926.09	LF-2 FINISH GRADE	0.01
						Maximum	0.22
						Minimum	-0.32
						Average	0.05
						St Dev	0.08

SURVEY COMPARISON FOR CFA LANDFILLS
LANDFILL III

SURVEY COMPARISON FOR CFA LANDFILLS
LANDFILL III

Point #	Northing	Easting	1997	2000	2001	Description	Delta from 1997 to 2001
2	10300.03	9699.97	4945.68	4945.73	4945.72	LF-3 FINISH GRADE	0.04
3	10299.99	9600.03	4946.02	4946.08	4946.08	LF-3 FINISH GRADE	0.06
4	10400.02	9599.97	4946.19	4946.17	4946.14	LF-3 FINISH GRADE	-0.05
5	10399.98	9700.02	4945.61	4945.71	4945.70	LF-3 FINISH GRADE	0.09
6	10399.97	9800.00	4944.50	4944.52	4944.52	LF-3 FINISH GRADE	0.02
7	10500.04	9800.00	4945.19	4945.27	4945.27	LF-3 FINISH GRADE	0.08
8	10499.99	9700.00	4945.57	4945.75	4945.70	LF-3 FINISH GRADE	0.13
9	10499.93	9600.05	4946.16	4946.20	4946.14	LF-3 FINISH GRADE	-0.02
10	10600.05	9599.98	4946.11	4946.15	4946.15	LF-3 FINISH GRADE	0.04
11	10599.95	9700.01	4945.58	4945.60	4945.56	LF-3 FINISH GRADE	-0.02
12	10600.01	9800.00	4945.14	4945.20	4945.24	LF-3 FINISH GRADE	0.10
13	10699.95	9800.00	4945.04	4945.02	4945.08	LF-3 FINISH GRADE	0.04
14	10700.06	9699.98	4945.66	4945.70	4945.72	LF-3 FINISH GRADE	0.06
15	10700.06	9599.98	4946.08	4946.16	4946.15	LF-3 FINISH GRADE	0.07
16	10699.98	9500.00	no data	4944.79	4944.77	LF-3 FINISH GRADE	-0.02 a
17	10800.01	9500.01	no data	4946.38	4946.41	LF-3 FINISH GRADE	0.03 a
18	10799.94	9600.02	4946.05	4946.10	4946.12	LF-3 FINISH GRADE	0.07
19	10800.07	9699.99	4945.21	4945.31	4945.34	LF-3 FINISH GRADE	0.13
20	10799.91	9800.01	4944.90	4945.01	4945.03	LF-3 FINISH GRADE	0.13
21	10899.98	9800.01	4944.87	4944.94	4944.94	LF-3 FINISH GRADE	0.07
22	10900.06	9699.99	4945.40	4945.41	4945.45	LF-3 FINISH GRADE	0.05
23	10899.97	9600.02	4945.84	4945.86	4945.87	LF-3 FINISH GRADE	0.03
24	10899.95	9500.03	4946.47	4946.37	4946.56	LF-3 FINISH GRADE	0.09
25	10999.97	9500.01	4946.13	4946.17	4946.20	LF-3 FINISH GRADE	0.07
26	10999.93	9600.03	4946.01	4945.93	4945.98	LF-3 FINISH GRADE	-0.03
27	11000.02	9700.00	4945.00	4945.07	4945.08	LF-3 FINISH GRADE	0.08
28	11000.06	9799.97	4944.42	4944.52	4944.56	LF-3 FINISH GRADE	0.14
29	11100.04	9700.00	4944.03	4944.09	4944.11	LF-3 FINISH GRADE	0.08
30	11099.98	9600.00	4945.58	4945.62	4945.68	LF-3 FINISH GRADE	0.10
31	11100.01	9500.02	4946.00	4945.96	4946.03	LF-3 FINISH GRADE	0.03
32	11200.01	9500.00	4945.82	4945.79	4945.85	LF-3 FINISH GRADE	0.03
33	11200.04	9599.99	4945.31	4945.35	4945.35	LF-3 FINISH GRADE	0.04
34	11199.97	9700.01	4942.58	4942.71	4942.71	LF-3 FINISH GRADE	0.13
35	11299.97	9600.02	4944.57	4944.64	4944.65	LF-3 FINISH GRADE	0.08
36	11299.99	9499.99	4945.27	4945.35	4945.38	LF-3 FINISH GRADE	0.11
37	11399.99	9500.01	4944.90	4944.97	4944.97	LF-3 FINISH GRADE	0.07
38	11399.95	9600.01	4944.38	4944.49	4944.41	LF-3 FINISH GRADE	0.03
39	11500.04	9600.01	4944.17	4944.26	4944.17	LF-3 FINISH GRADE	0.00
40	11500.06	9500.00	4944.54	4944.56	4944.58	LF-3 FINISH GRADE	0.04
41	11600.00	9500.00	4944.62	4944.57	4944.52	LF-3 FINISH GRADE	-0.10
42	11600.06	9599.99	4943.87	4943.97	4943.91	LF-3 FINISH GRADE	0.04
43	11700.02	9600.02	4943.60	4943.67	4943.57	LF-3 FINISH GRADE	-0.03
44	11699.98	9500.00	4944.27	4944.28	4944.19	LF-3 FINISH GRADE	-0.08
45	11799.95	9500.01	4944.05	4944.07	4943.97	LF-3 FINISH GRADE	-0.08
46	11800.04	9600.24	4943.37	4943.25	4943.27	LF-3 FINISH GRADE	-0.10
47	11900.00	9600.02	4943.46	4943.28	4943.33	LF-3 FINISH GRADE	-0.13
48	11899.96	9500.02	4943.92	4943.86	4943.93	LF-3 FINISH GRADE	0.01
49	12000.06	9500.04	4943.78	4943.69	4943.67	LF-3 FINISH GRADE	-0.11
50	11999.99	9599.98	4943.28	4943.08	4943.13	LF-3 FINISH GRADE	-0.15
51	12100.01	9600.02	4943.03	4942.74	4942.90	LF-3 FINISH GRADE	-0.13
52	12100.00	9499.99	4943.66	4943.39	4943.60	LF-3 FINISH GRADE	-0.06
53	12200.03	9500.00	4943.38	4943.45	4943.51	LF-3 FINISH GRADE	0.13
54	12200.04	9600.01	4942.72	4942.81	4942.83	LF-3 FINISH GRADE	0.11
55	12300.00	9600.00	4942.58	4942.60	4942.63	LF-3 FINISH GRADE	0.05
56	12299.96	9500.00	4943.43	4943.57	4943.51	LF-3 FINISH GRADE	0.08
57	12400.02	9500.00	4943.08	4943.02	4943.02	LF-3 FINISH GRADE	-0.06
58	12399.97	9599.99	4942.08	4942.17	4942.17	LF-3 FINISH GRADE	0.09
59	12499.94	9599.99	4941.85	4941.87	4941.88	LF-3 FINISH GRADE	0.03
60	12500.00	9500.00	4943.21	4943.25	4943.20	LF-3 FINISH GRADE	-0.01
61	12600.04	9400.01	4944.48	4944.58	4944.54	LF-3 FINISH GRADE	0.06
62	12599.91	9499.95	4943.38	4943.50	4943.50	LF-3 FINISH GRADE	0.12
63	12600.09	9600.03	4942.04	4942.22	4942.14	LF-3 FINISH GRADE	0.10
						Maximum	0.14
						Minimum	-0.15
						Average	0.03
						St Dev	0.07

a. Delta from 2000 to 2001

8/16/01

Well Name	Well ID	Status	Alias	Date Inspected	nments	Owner	Lock T	Key Numb
CFA	CFA	CFA	CFA	CFA	CFA	CFA	C	CFA
CFA-1	93	Active	CFA-1	3-May-01	inside pumphouse	U.S. Navy	NA	
CFA-2	94	Active	CFA-2	3-May-01	Inside pumphouse	NF	NA	
CFA DISPOSAL WELL	95			3-May-01	no surface trace	U.S. DOE	NA	
COREHOLE 2A	97			31-May-01	American 5100 lock		American	5100
DH-1B	147			6-Jun-01	USGS controlled?? American lock 20		American	20
DH-2A	148			6-Jun-01	USGS controlled, Master lock 2640		Master	2640
INEL-1	186			25-May-01			American	5100
LF2-01	189	Active	LF2-01	30-May-01		NF	American	5100
LF2-02	190	Active	LF2-02	30-May-01		NF	American	5100
LF2-03	191	Active	LF2-03	30-May-01		NF	American	5100
LF2-04	192	Active	LF2-04	30-May-01		NF	American	5100
LF2-05	193	Active	LF2-05	30-May-01		NF	American	5100
LF2-06	194	Active	LF2-06	30-May-01		NF	American	5100
LF2-07	195	Active	LF2-07	30-May-01		NF	American	5100
LF2-08	196	Active	LF2-08	30-May-01		NF	American	5100
LF2-09	197	Active	LF2-09	30-May-01		NF	American	5100
LF2-10	198	Active	LF2-10	30-May-01			American	5100
LF2-11	199	Active	LF2-11	30-May-01		NF	American	5100
LF3-01	200	Active	LF3-01	31-May-01		NF	American	5100
LF3-02	201	Active	LF3-02	31-May-01		NF	American	5100
LF3-03	202	Active	LF3-03	31-May-01		NF	American	5100
LF3-04	203	Active	LF3-04	31-May-01		NF	American	5100
LF3-05	204	Active	LF3-05	31-May-01		NF	American	5100
LF3-06	205	Active	LF3-06	31-May-01		NF	American	5100
LF3-07	206	Active	LF3-07	30-May-01		NF	American	5100
LF3-08	207	Active	LF3-08	30-May-01		NF	American	5100
SITE 06	274				Not visited (USGS Admin control)			
SITE-14	276				Not visited (USGS Admin control)			
SITE-17	278			25-May-01	USGS lock replaced with American 5100???		American	5100
CFA-633	633	Abandoned	CFA-633	3-May-01	No surface trace, french drain	NF	NA	
CFA-640-E	634					NF		
CFA-664-A	635	Abandoned	CFA 664 A	3-May-01	No surface trace, french drain	NF	NA	
CFA-664-B	636	Abandoned	CFA 664 B	3-May-01	No surface trace, french drain	NF	NA	
CFA-664-C	637	Abandoned	CFA 664 C	3-May-01	No surface trace, french drain	NF	NA	
CFA-666-A	638	Abandoned	CFA 666 A	3-May-01	No surface trace, french drain	NF	NA	
CFA-666-B	639	Abandoned	CFA 666 B	3-May-01	No surface trace, french drain	NF	NA	
CFA-674	640	Abandoned	CFA 674	3-May-01	No surface trace, french drain	NF	NA	
CFA-682	641					NF		
CFA-690-A	642	Abandoned	CFA 690 A	3-May-01	No surface trace, french drain	NF	NA	
CFA-690-B	643	Abandoned	CFA 690 B	3-May-01	No surface trace, french drain	NF	NA	
EBR1-WP	644			19-Jul-10	Can not access area behind building	NF	NA	
LF3-11A	721	Abandoned	LF3-11A	31-May-01	3.5 in PVC well cs w/unlockable cap	NF	NA	
LF3-11	722	Active	LF3-11	31-May-01	Welded shut	DOE	NA	
LF2-12	724	Active	LF2-12	30-May-01	Not lockable, well head-incomplete, can not be capped	DOE	American	5100

CFA	CFA	CFA	CFA	CFA	CFA	CFA	CF	CFA
LF2-12A	725	Perm. Abandoned	LF2-12A	30-May-01	doned, 1 ft concrete aband. Pad	NF	NA	
LF3-09	726	Active	LF3-09		Currently being maintained	[illegible]		
LF3-10	727	Active	LF3-10	30-May-01	Needs wellhead completion, surface casing needs fixed	[illegible]	American	5100
CFA-641	870	Abandoned	CFA 641	3-May-01	No surface trace, french drain	NF	NA	
CFA-654	871	Abandoned	CFA 654	3-May-01	No surface trace, french drain	NF	NA	
CFA-IDHW-37	881	Active		10-May-01	No surface trace, french drain	NF	NA	
CFA-MON-A-001	1077	Active		3-May-01		DOE	American	5100
CFA-MON-A-002	1078	Active		7-May-01		Westinghouse	American	5100
CFA-MON-A-003	1089	Active		7-May-01		DOE	American	5100
CFA-SCI-V-009	1139					NF		
CFA-NF-V-009	1156			7-May-01		nf	American	5100
CFA-NF-V-011	1157			7-May-01	Abandoned, only concrete pad remains	DOE		
CFA-GAS-V-004	1254	Active	GSP1-1A	3-May-01		NF	American	5100
CFA-GAS-V-005	1255	Active	GSP2-1	2-May-01		NF	American	5100
CFA-GAS-V-006	1256	Active	GSP2-2	3-May-01		NF	American	5100
CFA-GAS-V-007	1257	Active	GSP3-1	3-May-01		NF	American	5100
CFA-GAS-V-008	1258	Active	GSP3-2	3-May-01		NF	American	5100

Scanned

Well Inspection Checklist

Well ID: 93	**Well Name:** CFA-1		
Date of Inspection: 5/3/01		**Purpose of inspection** (check one)	
Location/Directions to the well:			Institutional control
		✓	Routine maintenance
			Nonroutine maintenance
			Other

Identification	**Yes**	**No**	**GPS Coordinates**
Is well identified, marked with a tag etc			Easting: 343282
If yes, describe how, where, and what it says:			Northing: 4821978
			Projection: UTM
			Datum: WGS 84
Locking well cap	**Yes**	**No**	GPS grade: Recreational
Is cap or wellhead box present			
If yes is it securely attached to the casing			
How is it attached (circle one)	Welded	Bolted	
Describe the condition of the cap			
Can well be accessed without unlocking, and if so, how (ie unbolt the cap)			

Locks	**Yes**	**No**	**Electrical**	**Yes**	**No**
Is the well locked upon departure			Is an electrical plug present		
Identify the condition of the lock			What type of plug is present (volts, amps)		
Identify the type (mfgr) of lock, and the lock number					
Protective Posts	**Yes**	**No**	**Photographs**	**Yes**	**No**
Are protective posts present			Was the well photographed		
If yes, are post painted yellow			What camera was used		
If yes, how many (circle one)	1 2 3 4 5		Which smart card are the photos on	1 2 3	
Is at least one post removable			List the photograph numbers		
Describe the condition of the posts					

Materials	**Yes**	**No**	**More materials**	**Yes**	**No**
Is a water access line present			Is a discharge line present		
If yes, what diameter is it			If yes, what diameter		
If yes, what material type (circle one) stainless steel galvanized steel PVC other			If yes, what material type (circle one) stainless steel galvanized steel PVC other		
If other, what is it			If other, what is it		
Measuring point	**Yes**	**No**			
Is the water level measuring point marked			**Surface Pad**	**Yes**	**No**
If yes, how			Is a concrete pad present		
Stick up	**Inches**		If yes, describe the condition		
Stick up of surface casing above concrete pad					
Stick up of well casing stick up above the pad			**Survey**	**Yes**	**No**
Stick up of water access pipe above the pad			Is a survey (brass) marker present		
Stick up of water discharge pipe above the pad			If yes, what is recorded		

Describe the general condition of the well

Additional comments/Other hazards at the well CFA-1 appear to be inside a brick pumphouse next to the railroad tracks near Dynatec's laydown area. It is not accessible.

Checklist prepared by (print) R Garcia		Checklist reviewed by (print) Wendell Jolley	
Signature: [signature]	Date: 5/10/01	Signature: Wendell Jolley	Date: 5/11/01

Scanned

Well Inspection Checklist

Well ID: 94	**Well Name:** CFA-2		
Date of Inspection: 5/3/01		**Purpose of inspection** (check one)	
Location/Directions to the well:			Institutional control
		✓	Routine maintenance
			Nonroutine maintenance
			Other

Identification	**Yes**	**No**	**GPS Coordinates**
Is well identified, marked with a tag etc			Easting: 342918
If yes, describe how, where, and what it says:			Northing: 4821373
			Projection: UTM
			Datum: WGS 84
Locking well cap	**Yes**	**No**	GPS grade: Recreational
Is cap or wellhead box present			
If yes is it securely attached to the casing			
How is it attached (circle one)	Welded	Bolted	
Describe the condition of the cap			
Can well be accessed without unlocking, and if so, how (ie unbolt the cap)			

Locks	**Yes**	**No**	**Electrical**	**Yes**	**No**
Is the well locked upon departure			Is an electrical plug present		
Identify the condition of the lock			What type of plug is present (volts, amps)		
Identify the type (mfgr) of lock, and the lock number					
Protective Posts	**Yes**	**No**	**Photographs**	**Yes**	**No**
Are protective posts present			Was the well photographed		
If yes, are post painted yellow			What camera was used		
If yes, how many (circle one)	1 2 3 4 5		Which smart card are the photos on	1 2 3	
Is at least one post removable			List the photograph numbers		
Describe the condition of the posts					

Materials	**Yes**	**No**	**More materials**	**Yes**	**No**
Is a water access line present			Is a discharge line present		
If yes, what diameter is it			If yes, what diameter		
If yes, what material type (circle one) stainless steel galvanized steel PVC other			If yes, what material type (circle one) stainless steel galvanized steel PVC other		
If other, what is it			If other, what is it		
Measuring point	**Yes**	**No**			
Is the water level measuring point marked			**Surface Pad**	**Yes**	**No**
If yes, how			Is a concrete pad present		
Stick up	**Inches**		If yes, describe the condition		
Stick up of surface casing above concrete pad					
Stick up of well casing stick up above the pad			**Survey**	**Yes**	**No**
Stick up of water access pipe above the pad			Is a survey (brass) marker present		
Stick up of water discharge pipe above the pad			If yes, what is recorded		
Describe the general condition of the well					
Additional comments/Other hazards at the well	well appears to be in an unaccessible pumphouse				

Checklist prepared by (print) R Garcia		Checklist reviewed by (print) Wendell Jolley	
Signature: [signature]	Date: 5/10/01	Signature: [signature]	Date: 5/11/01

Well Inspection Checklist

Well ID: 189	**Well Name:** LF2-01
Date of Inspection: 5/30/01	**Purpose of inspection** (check one)
Location/Directions to the well: S. Side Landfill 2	Institutional control
	✓ Routine maintenance
	Nonroutine maintenance
	Other

Identification	**Yes**	**No**	**GPS Coordinates**
Is well identified, marked with a tag etc	✓		Easting: 343 038
If yes, describe how, where, and what it says: metal tag in AL well head cap LF2-1 N 682892.3 E. 294431.9 GEL 4931.9			Northing: 4822 379
			Projection: UTM
			Datum: WGS 84
Locking well cap	**Yes**	**No**	GPS grade: Recreational
Is cap or wellhead box present	✓		
If yes is it securely attached to the casing	✓		
How is it attached (circle one)	Welded	Bolted	
Describe the condition of the cap U. good 10 3/4" AL well cap			
Can well be accessed without unlocking, and if so, how (ie unbolt the cap) NO			

Locks	**Yes**	**No**	**Electrical**	**Yes**	**No**
Is the well locked upon departure	✓		Is an electrical plug present	✓	
Identify the condition of the lock NGW			What type of plug is present (volts, amps)		
Identify the type (mfgr) of lock, and the lock number XGN AM LCK 5100			multiple elect. instrumentation		

Protective Posts	**Yes**	**No**	**Photographs**	**Yes**	**No**
Are protective posts present	✓		Was the well photographed	✓	
If yes, are post painted yellow	✓		What camera was used	C2000Z	
If yes, how many (circle one) 1 2 (3) 4 5			Which smart card are the photos on (0) 2 3		
Is at least one post removable	✓		List the photograph numbers		
Describe the condition of the posts U. good			#10 Looking W		

Materials	**Yes**	**No**	**More materials**	**Yes**	**No**
Is a water access line present		✓	Is a discharge line present		✓
If yes, what diameter is it			If yes, what diameter		
If yes, what material type (circle one) stainless steel galvanized steel PVC other			If yes, what material type (circle one) stainless steel galvanized steel PVC other		
If other, what is it			If other, what is it		
Measuring point	**Yes**	**No**			
Is the water level measuring point marked		✓	**Surface Pad**	**Yes**	**No**
If yes, how			Is a concrete pad present	✓	
Stick up	**Inches**		If yes, describe the condition 2 ft circle		
Stick up of surface casing above concrete pad	—				
Stick up of well casing stick up above the pad	1 ft 4 in		**Survey**	**Yes**	**No**
Stick up of water access pipe above the pad	—		Is a survey (brass) marker present	✓	
Stick up of water discharge pipe above the pad	—		If yes, what is recorded LF2-1		

Describe the general condition of the well U. good condition — 10" steel well casing

Additional comments/Other hazards at the well

Checklist prepared by (print) GW Study	Checklist reviewed by (print) Wendell Jolley
Signature: [signature] Date: 5/30/01	Signature: Wendell Jolley Date: 6/6/01

Well ID: 189

Well Name:LF2-01

Date:May 30, 2001

File Name:CFA\189 may 30 01.jpg

Well Inspection Checklist

Well ID: 190	**Well Name:** LF2-02
Date of Inspection: 5/30/01	**Purpose of inspection** (check one)
Location/Directions to the well: N/4mi. N CFA junction	Institutional control
	✓ Routine maintenance
	Nonroutine maintenance
	Other

Identification	**Yes**	**No**
Is well identified, marked with a tag etc	✓	
If yes, describe how, where, and what it says: Metal tag on AL well cap: LF2-2 N. 683047.4 E. 294010.6 GEL 4933.1		

Locking well cap	**Yes**	**No**
Is cap or wellhead box present	✓	
If yes is it securely attached to the casing	✓	
How is it attached (circle one)	Welded	(Bolted)
Describe the condition of the cap U. good		

GPS Coordinates	
Easting:	342912
Northing:	4822425
Projection:	UTM
Datum:	WGS 84
GPS grade:	Recreational

Can well be accessed without unlocking, and if so, how (ie unbolt the cap) No

Locks	**Yes**	**No**
Is the well locked upon departure	✓	
Identify the condition of the lock NSW XSN		
Identify the type (mfgr) of lock, and the lock number AM. LCK 5100		

Electrical	**Yes**	**No**
Is an electrical plug present	✓	
What type of plug is present (volts, amps) Multi. post. pkng		

Protective Posts	**Yes**	**No**
Are protective posts present	✓	
If yes, are post painted yellow	✓	
If yes, how many (circle one) 1 2 (3) 4 5		
Is at least one post removable	✓	
Describe the condition of the posts good		

Photographs	**Yes**	**No**
Was the well photographed	✓	
What camera was used C2000Z		
Which smart card are the photos on (1) 2 3		
List the photograph numbers #1 Looking N.		

Materials	**Yes**	**No**
Is a water access line present		✓
If yes, what diameter is it		
If yes, what material type (circle one) stainless steel galvanized steel PVC other		
If other, what is it		

More materials	**Yes**	**No**
Is a discharge line present		✓
If yes, what diameter		
If yes, what material type (circle one) stainless steel galvanized steel PVC other		
If other, what is it		

Measuring point	**Yes**	**No**
Is the water level measuring point marked	✓	
If yes, how MP "y" N2 side AL CAP		

Stick up	**Inches**
Stick up of surface casing above concrete pad	1ft 4in
Stick up of well casing stick up above the pad	—
Stick up of water access pipe above the pad	—
Stick up of water discharge pipe above the pad	—

Surface Pad	**Yes**	**No**
Is a concrete pad present	✓	
If yes, describe the condition 2ft SQ. V. good condition		

Survey	**Yes**	**No**
Is a survey (brass) marker present	✓	
If yes, what is recorded LF 2-02		

Describe the general condition of the well V. good condition 18.5" steel surface casing w/ multiple electrical cables stored inside

Additional comments/Other hazards at the well

Checklist prepared by (print) G.W. Stredley		Checklist reviewed by (print) Wendell Jolley	
Signature: [signature]	Date: 5/30/01	Signature: [signature]	Date: 6/6/01

Well ID: 190

Well Name:LF2-02

Date:May 30, 2001

File Name:CFA\190 may 30 01.jpg

Well Inspection Checklist

Well ID: 191	**Well Name:** LF2-03
Date of Inspection: 5/30/01	**Purpose of inspection** (check one)
Location/Directions to the well: ~10' W LF2-1	Institutional control
	✓ Routine maintenance
	Nonroutine maintenance
	Other

Identification	**Yes**	**No**	**GPS Coordinates**
Is well identified, marked with a tag etc		✓	Easting: 343 037
If yes, describe how, where, and what it says:			Northing: 4822 379
			Projection: UTM
			Datum: WGS 84
Locking well cap	**Yes**	**No**	GPS grade: Recreational
Is cap or wellhead box present	✓		
If yes is it securely attached to the casing	✓		
How is it attached (circle one)	Welded	Bolted	
Describe the condition of the cap good			

Can well be accessed without unlocking, and if so, how (ie unbolt the cap) yes - well has lock that's been cut

Locks	**Yes**	**No**	**Electrical**	**Yes**	**No**
Is the well locked upon departure	✓		Is an electrical plug present		✓
Identify the condition of the lock NEW			What type of plug is present (volts, amps)		
Identify the type (mfgr) of lock, and the lock number XEN AM Lock 5100					
Protective Posts	**Yes**	**No**	**Photographs**	**Yes**	**No**
Are protective posts present	✓		Was the well photographed	✓	
If yes, are post painted yellow	✓		What camera was used C2000Z		
If yes, how many (circle one) 1 2 (3) 4 5			Which smart card are the photos on (1) 2 3		
Is at least one post removable	✓		List the photograph numbers		
Describe the condition of the posts good			# 11 looking SW		

Materials	**Yes**	**No**	**More materials**	**Yes**	**No**
Is a water access line present		✓	Is a discharge line present		✓
If yes, what diameter is it			If yes, what diameter		
If yes, what material type (circle one) stainless steel galvanized steel PVC other			If yes, what material type (circle one) stainless steel galvanized steel PVC other		
If other, what is it			If other, what is it		
Measuring point	**Yes**	**No**			
Is the water level measuring point marked		✓	**Surface Pad**	**Yes**	**No**
If yes, how			Is a concrete pad present	✓	
Stick up	**Inches**		If yes, describe the condition < 1ft circle		
Stick up of surface casing above concrete pad	—				
Stick up of well casing stick up above the pad	1 ft 1"		**Survey**	**Yes**	**No**
Stick up of water access pipe above the pad	—		Is a survey (brass) marker present		✓
Stick up of water discharge pipe above the pad	—		If yes, what is recorded		

Describe the general condition of the well good PZ well ? / H2O level ?

Additional comments/Other hazards at the well

Checklist prepared by (print) G.W. Studley		Checklist reviewed by (print) Wendell Jolley	
Signature: GW Studley	Date: 5/30/01	Signature: Wendell Jolley	Date: 6/6/01

Well ID: 191

Well Name:LF2-03

Date:May 30, 2001

File Name:CFA\191 may 30 01.jpg

Well Inspection Checklist

Well ID: 192	**Well Name:** LF2-04
Date of Inspection: 5/30/01	**Purpose of inspection** (check one)
Location/Directions to the well: ~ 1/4 N CPA junction	Institutional control
	✓ Routine maintenance
	Nonroutine maintenance
	Other

Identification	**Yes**	**No**	**GPS Coordinates**
Is well identified, marked with a tag etc		✓	Easting: 392 911
If yes, describe how, where, and what it says:			Northing: 4822 432
			Projection: UTM
			Datum: WGS 84
Locking well cap	**Yes**	**No**	GPS grade: Recreational
Is cap or wellhead box present	✓		
If yes is it securely attached to the casing	✓		
How is it attached (circle one)	Welded	Bolted	

Describe the condition of the cap V. good but cut

Can well be accessed without unlocking, and if so, how (ie unbolt the cap) Yes Lock has been cut

Locks	**Yes**	**No**	**Electrical**	**Yes**	**No**
Is the well locked upon departure	✓		Is an electrical plug present		✓
Identify the condition of the lock	N2W		What type of plug is present (volts, amps)		
Identify the type (mfgr) of lock, and the lock number	XSN AM. LOCK. 5100				
Protective Posts	**Yes**	**No**	**Photographs**	**Yes**	**No**
Are protective posts present	✓		Was the well photographed	✓	
If yes, are post painted yellow	✓		What camera was used	C2000Z	
If yes, how many (circle one)	1 2 (3) 4 5		Which smart card are the photos on	(1) 2 3	
Is at least one post removable	✓		List the photograph numbers		
Describe the condition of the posts	GOOD		# 5 looking WNW		

Materials	**Yes**	**No**	**More materials**	**Yes**	**No**
Is a water access line present		✓	Is a discharge line present		✓
If yes, what diameter is it			If yes, what diameter		
If yes, what material type (circle one) stainless steel galvanized steel PVC other			If yes, what material type (circle one) stainless steel galvanized steel PVC other		
If other, what is it			If other, what is it		
Measuring point	**Yes**	**No**			
Is the water level measuring point marked		✓	**Surface Pad**	**Yes**	**No**
If yes, how			Is a concrete pad present		
Stick up	**Inches**		If yes, describe the condition		
Stick up of surface casing above concrete pad	—				
Stick up of well casing stick up above the pad	10 in		**Survey**	**Yes**	**No**
Stick up of water access pipe above the pad			Is a survey (brass) marker present		
Stick up of water discharge pipe above the pad			If yes, what is recorded		

Describe the general condition of the well V. good 1 1/2 W well casing (PZ well?)

Additional comments/Other hazards at the well

Checklist prepared by (print) G.W. Smoley		Checklist reviewed by (print) Wendell Jolley	
Signature: G.W. Smoley	Date: 5/30/01	Signature: Wendell Jolley	Date: 6/6/01

Well ID: 192

Well Name:LF2-04

Date:May 30, 2001

File Name:CFA\192 may 30 01.jpg

Well Inspection Checklist

Well ID: 193	**Well Name:** LF2-05
Date of Inspection: 5/30/01	**Purpose of inspection** (check one)
Location/Directions to the well: Landfill # 2 (center)	Institutional control
	✓ Routine maintenance
	Nonroutine maintenance
	Other

Identification	**Yes**	**No**	**GPS Coordinates**
Is well identified, marked with a tag etc	✓		Easting: 343 088
If yes, describe how, where, and what it says: metal tag in At well head cap (10 3/4" cap)			Northing: 4822 485
			Projection: UTM
			Datum: WGS 84
Locking well cap	**Yes**	**No**	GPS grade: Recreational
Is cap or wellhead box present	✓		
If yes is it securely attached to the casing	✓		
How is it attached (circle one)	Welded	(Bolted)	

Describe the condition of the cap v. good LF2-5
N. 68 3235.5 GEL 4929.8
E. 29 4589.2

Can well be accessed without unlocking, and if so, how (ie unbolt the cap) no

Locks	**Yes**	**No**	**Electrical**	**Yes**	**No**
Is the well locked upon departure	✓		Is an electrical plug present		
Identify the condition of the lock NIU			What type of plug is present (volts, amps)		
Identify the type (mfgr) of lock, and the lock number XSA Am. Lock 5100					
Protective Posts	**Yes**	**No**	**Photographs**	**Yes**	**No**
Are protective posts present	✓		Was the well photographed	✓	
If yes, are post painted yellow Partially			What camera was used C2000Z		
If yes, how many (circle one) 1 2 (3) 4 5			Which smart card are the photos on (1) 2 3		
Is at least one post removable	✓		List the photograph numbers		
Describe the condition of the posts v. good			# 12 Looking N		

Materials	**Yes**	**No**	**More materials**	**Yes**	**No**
Is a water access line present		✓	Is a discharge line present		✓
If yes, what diameter is it			If yes, what diameter		
If yes, what material type (circle one) stainless steel galvanized steel PVC other			If yes, what material type (circle one) stainless steel galvanized steel PVC other		
If other, what is it			If other, what is it 3/8" SS M.A.T.		
Measuring point	**Yes**	**No**			
Is the water level measuring point marked		✓	**Surface Pad**	**Yes**	**No**
If yes, how			Is a concrete pad present	✓	
Stick up	**Inches**		If yes, describe the condition v. good		
Stick up of surface casing above concrete pad	2 ft 7 in		4 ft circle		
Stick up of well casing stick up above the pad			**Survey**	**Yes**	**No**
Stick up of water access pipe above the pad			Is a survey (brass) marker present	✓	
Stick up of water discharge pipe above the pad			If yes, what is recorded LF2-5		

NAD 27 N 483237.37
E 2945 93.46
El 4931.04

Describe the general condition of the well
3/8" SS tube inside 10" steel surface casing

Additional comments/Other hazards at the well

Checklist prepared by (print) G.W. Stuckey		Checklist reviewed by (print) Wendell Jolley	
Signature: [signature]	Date: 5/30/01	Signature: [signature]	Date: 6/1/01