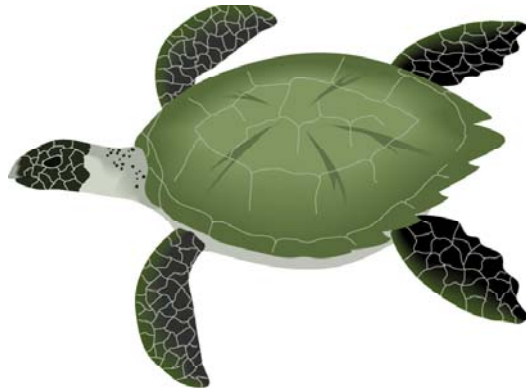




**United States Air Force
15th Air Base Wing
Environmental Restoration Program**

***Final*
SITE INSPECTION REPORT
FOR AREAS OF CONCERN 18, 20, AND 21
Bellows Air Force Station
Oahu, Hawaii**

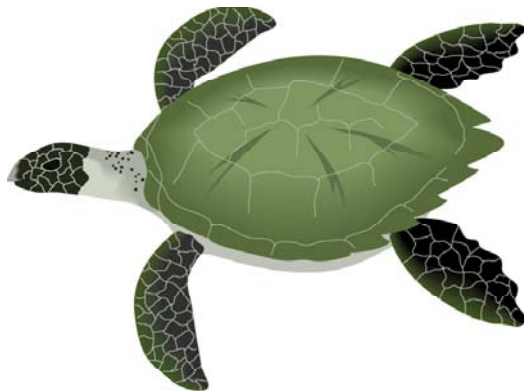


May 9, 2003



**United States Air Force
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APPENDIX F

**Survey and GPS Coordinates for Trenches,
Surface Soil and Subsurface Soil
Sampling Locations**

Appendix F

Survey and GPS Coordinates for Trenches, Surface Soil, and Subsurface Soil Sampling

This appendix presents field survey data generated as part of the Site Inspection (SI) conducted at Areas of Concern (AOCs) 18, 20, and 21 at Bellows AFS, Oahu, Hawaii. The sites were surveyed and referenced to the North American Datum 1983 (NAD 83) using both professional survey methods (AOC 18) and global positioning system (GPS) techniques (AOCs 20 and 21). The GPS technique includes using a Trimble Pathfinder Pro-XL with a Pro-Beacon Nav-Beacon Receiver. The GPS system and equipment provide locations accurate to within a range of 3 to 5 feet.

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TABLE F-1
AOC 18 Monitoring Well and Surface Soil Sample Coordinates
 Site Inspection at AOCs 18, 20, and 21, Bellows AFS, Oahu, Hawaii

Attribute Name	ERPIMS LOCID	Sample ID	Northing (ft)	Easting (ft)	Elevation (ft)
Monitoring Well 1, Bore Hole 2	AOC18-001	AOC18-MW001/ AOC18-BH002	70399.20	1735955.03	42.95
Monitoring Well 2, Bore Hole 1	AOC18-002	AOC18-MW002/ AOC18-BH001	70364.04	1735934.77	50.51
Monitoring Well 3, Bore Hole 3	AOC18-003	AOC18-MW003/ AOC18-BH003	70354.10	1736025.55	47.36
Surface Soil Sample 1	AOC18-004	AOC18-SL001	70390.00	1735945.89	41.33
Surface Soil Sample 2	AOC18-005	AOC18-SL002	70384.49	1735958.94	41.12
Surface Soil Sample 3	AOC18-006	AOC18-SL003	70383.25	1736001.01	19.96
Surface Soil Sample 4	AOC18-007	AOC18-SL004	70412.32	1735973.61	39.80
Surface Soil Sample 5	AOC18-008	AOC18-SL005	70412.30	1735942.45	40.58

TABLE F-2
AOC 18 Trench and Trench Soil Sample Coordinates
 Site Inspection at AOCs 18, 20, and 21, Bellows AFS, Oahu, Hawaii

Attribute Name	ERPIMS LOCID	Sample ID	Northing (ft)	Easting (ft)	Approximate Elevation (ft)	Approximate Dimensions	
						Length (ft)	Width (ft)
Trench 1—North End			70398.45	1735938.37	42	16	10
Trench 1—South End			70383.38	1735939.25	43		
Trench 1—Sample	AOC18-009	AOC18-T001	70391.34	1735938.68	32		
Trench 2—North End			70389.61	1735957.07	41	13	6
Trench 2—South End			70374.76	1735956.36	44		
Trench 2—Sample	AOC18-010	AOC18-T002	70382.22	1735956.73	29		
Trench 3—West End			70394.51	1735961.23	40	20	7
Trench 3—East End			70389.46	1735986.52	29		
Trench 3—Sample	AOC18-011	AOC18-T003	70392.45	1735972.77	23		
Trench 4—North End			70415.94	1735970.19	40	20	8
Trench 4—South End			70401.35	1735960.06	40		
Trench 4—Sample	AOC18-012	AOC18-T004	70408.99	1735965.26	22		
Trench 5—North End			70423.57	1735946.32	38	16	7
Trench 5—South End			70409.01	1735949.42	41		
Trench 5—Sample	AOC18-013	AOC18-T005	70415.88	1735947.90	24		

TABLE F-3
AOC 20 Coordinates

Site Inspection at AOCs 18, 20, and 21, Bellows AFS, Oahu, Hawaii

Attribute Name	ERPIMS LOCID	Sample ID	Northing (ft)	Easting (ft)	Approximate Elevation (ft)
DPS Subsurface Soil Sample 1	AOC20-002	AOC20-BH001	65802.31	1738643.17	3
DPS Subsurface Soil Sample 2	AOC20-004	AOC20-BH002	65860.07	1738669.97	3
DPS Subsurface Soil Sample 3	AOC20-005	AOC20-BH003	65823.80	1738683.66	3
DPS Subsurface Soil Sample 4	AOC20-007	AOC20-BH004	65838.92	1738708.72	3
DPS Subsurface Soil Sample 5	AOC20-008	AOC20-BH005	65874.38	1738728.30	3
DPS Subsurface Soil Sample 6	AOC20-009	AOC20-BH006	65774.59	1738723.73	2
DPS Subsurface Soil Sample 7, Temporary Microwell 1	AOC20-010	AOC20-BH007/ AOC20-MW001	65823.97	1738645.71	3
DPS Subsurface Soil Sample 8, Temporary Microwell 2	AOC20-011	AOC20-BH008/ AOC20-MW002	65795.31	1738666.52	3
DPS Subsurface Soil Sample 9, Temporary Microwell 3	AOC20-012	AOC20-BH009/ AOC20-MW003	65794.75	1738759.11	3
Surface Soil Sample 1	AOC20-001	AOC20-SL001	65841.69	1738638.67	10
Surface Soil Sample 2	AOC20-002	AOC20-SL002	65802.31	1738643.17	10
Surface Soil Sample 3	AOC20-003	AOC20-SL003	65829.73	1738671.55	10
Surface Soil Sample 4	AOC20-004	AOC20-SL004	65860.07	1738669.97	10
Surface Soil Sample 5	AOC20-005	AOC20-SL005	65823.80	1738683.66	10
Surface Soil Sample 6	AOC20-006	AOC20-SL006	65781.39	1738687.93	10
Surface Soil Sample 7	AOC20-007	AOC20-SL007	65838.92	1738708.72	10
Surface Soil Sample 8	AOC20-008	AOC20-SL008	65874.38	1738728.30	10

TABLE F-4
AOC 21 Coordinates
 Site Inspection at AOCs 18, 20, and 21, Bellows AFS, Oahu, Hawaii

Attribute Name	ERPIMS LOCID	Sample ID	Northing (ft)	Easting (ft)	Approximate Elevation (ft)
DPS Subsurface Soil Sample 1, Temporary Microwell 1	AOC21-005	AOC21-BH007/ AOC21-MW001	70362.69	1737238.35	3
DPS Subsurface Soil Sample 2, Temporary Microwell 2	AOC21-006	AOC21-BH008/ AOC21-MW002	70247.26	1737200.63	3
DPS Subsurface Soil Sample 3, Temporary Microwell 3	AOC21-007	AOC21-BH009/ AOC21-MW003	70301.92	1737310.31	3
Surface Soil Sample 1	AOC21-001	AOC21-SL001	70319.58	1737262.16	12
Surface Soil Sample 2	AOC21-002	AOC21-SL002	70272.84	1737271.63	12
Surface Soil Sample 3	AOC21-003	AOC21-SL003	70241.24	1737233.30	12
Surface Soil Sample 4	AOC21-004	AOC21-SL004	70288.30	1737224.90	12
Surface Soil Sample 5	AOC21-008	AOC21-SL005	70250.53	1737216.14	12
Surface Soil Sample 6	AOC21-009	AOC21-SL006	70224.02	1737222.24	12
Surface Soil Sample 7	AOC21-010	AOC21-SL007	70235.05	1737255.07	12