

Appendix G

Summary of Sample Descriptions and Sample Collection Logs

**Table G-1
Summary of Sample Descriptions and Comments**

Site/Unit/Building	Sample ID	Location ID	Depth (ft)	Media	Sample Description	Sample Comments
21-004(b)-99	RE21-11-9842	21-614319	7-8	SOIL	Light brown soil	
	RE21-11-9843	21-614319	9-10	SOIL	Light brown soil	
	RE21-11-9872	21-614326	5-6	QBT3	Grayish white tuff	Under asphalt, under western tank
	RE21-11-9871	21-614328	5-6	QBT3	Tan/Brown, dry, indurated tuff	
	RE21-11-9864	21-614329	5-6	QBT3	Grayish-white tuff, indurated, slightly moist	Under asphalt, under eastern tank
21-011(b)	RE21-11-3823	21-613813	6-7	QBT3	Light grey tuff	
	RE21-11-3824	21-613814	6-7	SOIL	Light brown soil	
	RE21-11-3825	21-613814	8-9	SOIL	Light brown soil	
	RE21-11-3826	21-613815	7-8	SOIL	Light brown soil	
	RE21-11-3827	21-613815	9-10	QBT3	Light grey tuff	
	RE21-11-3828	21-613816	7-8	SOIL	Reddish brown, slightly moist, with some rocks and little tuff material	
	RE21-11-3829	21-613816	9-10	QBT3	Darkish purple grey tuff, slightly moist, loose with some rocks	
	RE21-11-3832	21-613818	6-7	QBT3	Grey weathered tuff	
	RE21-11-3833	21-613818	8-9	QBT3	Light grey tuff	
	RE21-11-3834	21-613819	5-6	QBT3	Light grey weathered tuff	
	RE21-11-3835	21-613819	7-8	QBT3	Light grey tuff	
	RE21-11-3837	21-613820	6-7	QBT3	Light grey tuff	
	RE21-11-3839	21-613821	6-7	QBT3	Grey tuff	
	RE21-11-3841	21-613822	6-7	QBT3	Grey tuff	
	RE21-11-3843	21-613823	6-7	QBT3	Grey tuff	
	RE21-11-3845	21-613824	6-7	QBT3	Grey tuff	
	RE21-11-3847	21-613825	6-7	QBT3	Grey tuff	
RE21-11-3849	21-613826	6-7	QBT3	Grey tuff		

Table G-1 (continued)

Site/Unit/Building	Sample ID	Location ID	Depth (ft)	Media	Sample Description	Sample Comments
21-011(b) (cont.)	RE21-11-3851	21-613827	6-7	SOIL	Light brown soil	
	RE21-11-3852	21-613828	5-6	SOIL	Moist brown soil	
	RE21-11-3853	21-613828	7-8	SOIL	Light brown soil	
	RE21-11-3854	21-613829	5-6	SOIL	Light brown soil	
	RE21-11-3855	21-613829	7-8	QBT3	Light grey tuff	
	RE21-11-3868	21-613836	10-11	QBT3	Purplish gray tuff	
	RE21-11-3869	21-613836	12-13	QBT3	Purplish gray ash tuff, slightly moist	
	RE21-11-3870	21-613837	10-11	QBT3	Purplish gray tuff, slightly moist	
	RE21-11-3871	21-613837	12-13	QBT3	Purplish gray tuff, slightly moist	
	RE21-11-3872	21-613838	7-8	SOIL	Light to dark brown soil, slightly moist, loose with some rocks present in the mixture	
	RE21-11-3873	21-613838	9-10	SOIL	Light/dark brown soil, slightly moist, loose, with some rocks & pebbles in the mixture	
	RE21-11-3874	21-613839	5-6	SOIL	Brown dirt fill with rocks & pebbles present in the mixture, with some tuff present, slightly moist, loose	
	RE21-11-3875	21-613839	7-7	SOIL	Darkish purple-pink tuff with crystals, loose, slightly moist with some rocks present in the mixture	
	RE21-11-3890	21-613847	6-7	SOIL	Light brown soil	
	RE21-11-3891	21-613847	8-9	SOIL	Light brown soil	
RE21-11-3892	21-613848	10-11	QBT3	Purplish-gray ash tuff, slightly moist		
RE21-11-3893	21-613848	12-13	QBT3	Purplish-gray ash tuff, slightly moist		

Table G-1 (continued)

Site/Unit/Building	Sample ID	Location ID	Depth (ft)	Media	Sample Description	Sample Comments
Building 21-152	RE21-11-7845	21-614180	5-6	QBT3	Gray/purplish ash flow tuff, loose with some welded fragments, slightly moist	
	RE21-11-7848	21-614181	5-6	QBT3	Gray ash flow tuff, loose with welded fragments, very slightly moist, some reddish weathered zones	
	RE21-11-7849	21-614182	6-7	QBT3	Gray ash flow tuff, loose, slightly moist	
	RE21-11-7850	21-614182	8-9	QBT3	Gray ash flow tuff, loose, slightly moist	
	RE21-11-7851	21-614183	6-7	QBT3	Gray ash flow tuff, loose, slightly moist	
	RE21-11-7852	21-614183	8-9	QBT3	Gray ash flow tuff, loose, slightly moist	
	RE21-11-7853	21-614184	6-7	QBT3	Gray ash flow tuff, loose with welded fragments. Slightly moist, a few silty clay clumps	Collected beneath base course
	RE21-11-7854	21-614184	8-9	QBT3	Gray ash flow tuff, loose with welded fragments, slightly moist, some reddish clay clumps and brown silt	
	RE21-11-7855	21-614185	6-7	QBT3	Gray ash flow tuff, loose with welded fragments, slightly moist	Collected beneath base course
	RE21-11-7856	21-614185	8-9	QBT3	Gray ash flow tuff, loose with welded fragments, slightly moist	
	RE21-11-7857	21-614186	6-7	QBT3	Gray ash flow tuff, loose with welded fragments, slightly moist	
	RE21-11-7858	21-614186	8-9	QBT3	Gray ash flow tuff, loose with welded fragments, slightly moist	
	RE21-11-7859	21-614187	6-7	SOIL	Light brown/orange fill w/tuff fragments	
	RE21-11-7860	21-614187	8-9	QBT3	Dark brown, indurated, moist tuff	
	RE21-11-7861	21-614188	6-7	QBT3	Gray ash flow tuff, slightly moist	Collected beneath base course
	RE21-11-7862	21-614188	8-9	QBT3	Gray ash flow tuff with weathered zones, slightly moist	

Table G-1 (continued)

Site/Unit/Building	Sample ID	Location ID	Depth (ft)	Media	Sample Description	Sample Comments
Building 21-152 (cont.)	RE21-11-7863	21-614189	6-7	SOIL	Brown sandy silt with cobbles, moist, forms clumps, approx 30% gray ash flow tuff	Collected beneath base course, hit tuff at ~6.7 ft bgs
	RE21-11-7864	21-614189	8-9	QBT3	Gray/brown ash flow tuff, moist, some weathered zones	
	RE21-11-7865	21-614190	6-7	QBT3	Purplish-gray moist tuff	Collected beneath base course
	RE21-11-7866	21-614190	8-9	QBT3	Purplish-gray moist tuff	
	RE21-11-7867	21-614191	6-7	QBT3	Purplish-gray moist tuff	Collected beneath base course
	RE21-11-7868	21-614191	8-9	QBT3	Purplish-gray moist tuff	
	RE21-11-7869	21-614192	6-7	SOIL	Reddish-brown silty soil with some tuff fragments	Collected beneath base course
	RE21-11-7870	21-614192	8-9	QBT3	Brown tuff with tuff like intrusion	
	RE21-11-7871	21-614193	6-7	QBT3	Gray-brown weathered tuff, dry	
	RE21-11-7872	21-614193	8-9	QBT3	Gray-brown weathered tuff, dry with brown weathered zones	
	RE21-11-7873	21-614194	6-7	QBT3	Gray/brown ash tuff, slightly moist	Collected beneath base course
	RE21-11-7874	21-614194	8-9	QBT3	Gray ash tuff, slightly moist	
	RE21-11-7875	21-614195	6-7	QBT3	Gray ash tuff, slightly moist	Collected beneath base course
	RE21-11-7876	21-614195	8-9	QBT3	Gray ash tuff, slightly moist	
	RE21-11-7877	21-614196	6-7	QBT3	Gray ash tuff, slightly moist	Collected beneath base course
	RE21-11-7878	21-614196	8-9	QBT3	Gray ash tuff, slightly moist	
	RE21-11-7879	21-614197	6-7	QBT3	Gray ash tuff, slightly moist	Collected beneath base course
	RE21-11-7880	21-614197	8-9	QBT3	Gray ash tuff, slightly moist	
	RE21-11-7881	21-614198	6-7	QBT3	Gray ash tuff, moist	Collected beneath base course
	RE21-11-7882	21-614198	8-9	QBT3	Gray ash tuff, slightly moist	
RE21-11-7883	21-614199	6-7	QBT3	Purplish-gray ash tuff, slightly moist	Collected beneath base course	
RE21-11-7884	21-614199	8-9	QBT3	Purplish-gray ash tuff, slightly moist		
RE21-11-7885	21-614200	6-7	QBT3	Gray ash tuff, slightly moist	Collected beneath base course	

Table G-1 (continued)

Site/Unit/Building	Sample ID	Location ID	Depth (ft)	Media	Sample Description	Sample Comments
Building 21-152 (cont.)	RE21-11-7886	21-614200	8-9	QBT3	Gray ash tuff, slightly moist	
	RE21-11-7887	21-614201	6-7	QBT3	Purplish-gray ash tuff, slightly moist	Collected beneath base course
	RE21-11-7888	21-614201	8-9	QBT3	Purplish-gray ash tuff, slightly moist	
	RE21-11-7889	21-614202	6-7	QBT3	Gray ash tuff, slightly moist	Collected beneath base course
	RE21-11-7890	21-614202	8-9	QBT3	Gray ash tuff, slightly moist	
	RE21-11-7891	21-614203	6-7	QBT3	Gray/purple tuff, slightly indurated and dry	Collected beneath base course
	RE21-11-7892	21-614203	8-9	QBT3	Purplish-gray ash tuff, slightly moist	
	RE21-11-7893	21-614204	6-7	QBT3	Gray ash flow tuff, loose, with a few welded fragments	Collected beneath base course
	RE21-11-7894	21-614204	8-9	QBT3	Gray ash flow tuff, loose, with a few welded fragments, slightly moist	
	RE21-11-7895	21-614205	6-7	QBT3	Gray ash flow tuff, loose, with a few welded fragments	Collected beneath base course
	RE21-11-7896	21-614205	8-9	QBT3	Gray ash flow tuff, loose, with a few welded fragments, slightly moist	
	RE21-11-7897	21-614206	6-7	QBT3	Gray ash flow tuff, loose with partially welded fragments	Collected beneath base course
	RE21-11-7898	21-614206	8-9	QBT3	Gray ash flow tuff, moist, with approx. 50% silty clay, forms clumps	Possible fracture in tuff
	RE21-11-7899	21-614207	6-7	QBT3	Purplish-gray tuff, dry	Collected beneath base course
	RE21-11-7900	21-614207	8-9	QBT3	Purplish-gray tuff, dry	
	RE21-11-7901	21-614208	6-7	QBT3	Purplish-gray tuff with small portion of moist clay and brown weathered tuff zones	Collected beneath base course
	RE21-11-7902	21-614208	8-9	QBT3	Gray dry tuff with brown weathered zones	
	RE21-11-7903	21-614209	6-7	QBT3	Purplish-gray tuff, slightly moist	Collected beneath base course
	RE21-11-7904	21-614209	8-9	QBT3	Purplish-gray tuff, slightly moist	

Table G-1 (continued)

Site/Unit/Building	Sample ID	Location ID	Depth (ft)	Media	Sample Description	Sample Comments
Building 21-152 (cont.)	RE21-11-7997	21-614222	5-6	QBT3	Gray ash tuff, slightly moist, with construction debris	
	RE21-11-7938	21-614223	5-6	QBT3	Gray ash tuff, slightly moist	
	RE21-11-7942	21-614225	6-7	SOIL	Brown silty soil, slightly moist with some gray ash tuff	
	RE21-11-7965	21-614226	5-6	QBT3	Purplish-gray ash tuff, slightly moist	
	RE21-11-7968	21-614228	7-8	SOIL	Brown silty soil, slightly moist with gray ash tuff	Collected below base course
	RE21-11-7969	21-614228	9-10	QBT3	Gray ash tuff, slightly moist	
	RE21-11-7970	21-614229	7-8	SOIL	Brown silty soil, slightly moist with gray tuff fragments	Collected below base course
	RE21-11-7971	21-614229	9-10	SOIL	Gray/brown sandy silt with pebbles, slightly moist	
	RE21-11-7972	21-614230	7-8	QBT3	Dark grey tuff with some fragments & rock in the mixture, loose, min. indurated	
	RE21-11-7973	21-614230	9-10	QBT3	Dark gray tuff, slightly moist, loose with some tuff fragments	
	RE21-11-7979	21-614233	6-7	QBT3	Gray ash tuff, slightly moist	
	RE21-11-7981	21-614234	6-7	QBT3	Purplish-gray ash tuff, slightly moist	Collected beneath base course
	RE21-11-7988	21-614238	5-6	QBT3	Purplish-gray ash tuff, slightly moist	Collected beneath base course
	RE21-11-7989	21-614238	9-10	QBT3	Purplish-gray ash tuff, slightly moist	
	RE21-11-7990	21-614238	14-15	QBT3	Purplish-gray ash tuff, slightly moist	
	RE21-11-7991	21-614239	5-6	SOIL	Brown silty soil	
	RE21-11-7992	21-614239	9-10	QBT3	Gray ash tuff, slightly moist	
	RE21-11-7993	21-614239	14-15	QBT3	Gray ash tuff, slightly moist	
	RE21-11-7994	21-614240	5-6	QBT3	Purplish-gray ash tuff, slightly moist	Collected beneath base course
	RE21-11-7995	21-614240	9-10	QBT3	Gray ash tuff, slightly moist	
RE21-11-7996	21-614240	14-15	QBT3	Gray ash tuff, slightly moist		

Table G-1 (continued)

Site/Unit/Building	Sample ID	Location ID	Depth (ft)	Media	Sample Description	Sample Comments
21-155	RE21-11-5781	21-613979	5-6	SOIL	Gray/brown sandy silt with tuff fragments and some gray ash present, <20% ash, moist, loose	Sampled beneath base course
	RE21-11-5782	21-613979	7-8	QBT3	Purple/gray ash tuff, non-welded, non-indurated, slightly moist	
	RE21-11-5783	21-613980	6-7	SOIL	Brown sandy silt with some ash and pebbles, loose, dry	Sampled beneath base course
	RE21-11-5784	21-613980	8-9	SOIL	Brown/gray silt and ash with some cobbles and pebbles, loose, dry	
	RE21-11-5785	21-613981	6-7	SOIL	Brown sandy silt with some ash, pebbles and cobbles, loose, dry	Sampled beneath base course
	RE21-11-5786	21-613981	8-9	QBT3	Gray ash tuff with some brown silt and cobbles, loose, dry	
	RE21-11-5787	21-613982	6-7	SOIL	Brown, moist, silty soil with some tuff fragments	Sample collected beneath asphalt
	RE21-11-5788	21-613982	8-9	SOIL	Brown sandy silt with pebbles and cobbles, loose, dry	
	RE21-11-5789	21-613983	6-7	QBT3	Gray, slightly purple ash tuff, loose with moderately welded fragments, dry	Sample collected beneath base course
	RE21-11-5790	21-613983	8-9	QBT3	Gray/purple ash tuff, loose, dry	
	RE21-11-5791	21-613984	6-7	QBT3	Gray ash tuff with some pebbles, loose with welded fragments, dry	Sample collected beneath base course
	RE21-11-5792	21-613984	8-9	QBT3	Gray/slightly purple ash tuff, loose, dry	
	RE21-11-5793	21-613985	6-7	QBT3	Pink/gray ash tuff, loose, dry	Sample collected beneath base course
	RE21-11-5794	21-613985	8-9	QBT3	Pink/gray ash tuff, loose, dry, a few welded fragments	
	RE21-11-5795	21-613986	6-7	SOIL	Brown sandy silt with pebbles and cobbles, loose, very slightly moist, some very small pieces of debris	Sample collected beneath base course

Table G-1 (continued)

Site/Unit/Building	Sample ID	Location ID	Depth (ft)	Media	Sample Description	Sample Comments
21-155 (cont.)	RE21-11-5796	21-613986	8-9	QBT3	Gray ash tuff, loose with a few welded fragments, dry	
	RE21-11-5797	21-613987	6-7	SOIL	Brown/gray sandy silt with some gray ash, pebbles and cobbles, dry	Hit tuff at approx 6.75 ft bgs. Sample collected beneath base course
	RE21-11-5798	21-613987	8-9	QBT3	Gray ash tuff with reddish clay zones, loose, with moderately welded fragments, slightly moist	
	RE21-11-5799	21-613988	6-7	SOIL	Brown sandy silt with some clay, pebbles, and cobbles, small clumps, slightly moist	Sample collected beneath base course
	RE21-11-5800	21-613988	8-9	QBT3	Gray ash tuff, loose with welded fragments, dry	
	RE21-11-5815	21-613996	5-6	SOIL	Brown sandy silt with some ash and tuff fragments, loose, slightly moist	Sample collected beneath base course
	RE21-11-5816	21-613996	7-8	QBT3	Light to medium gray ash tuff, non-indurated, with some welded fragments, some reddish clay alteration zones	
	RE21-11-5817	21-613997	6-7	QBT3	Gray ash tuff with some gravel, non-indurated with welded fragments, dry	Sample collected beneath base course
	RE21-11-5818	21-613997	8-9	QBT3	Gray ash tuff, loose, non-indurated with welded fragments	
	RE21-11-5819	21-613998	6-7	SOIL	Brown sandy silt with pebbles and cobbles, loose, dry	Sample collected beneath base course
	RE21-11-5820	21-613998	8-9	QBT3	Gray ash tuff with pebbles and cobbles (few, not included in bottles), loose with a few welded fragments, dry	
	RE21-11-5821	21-613999	6-7	SOIL	Gray/brown sandy silt with ash, pebbles, and cobbles, loose, dry	Sample collected beneath base course

Table G-1 (continued)

Site/Unit/Building	Sample ID	Location ID	Depth (ft)	Media	Sample Description	Sample Comments
21-155 (cont.)	RE21-11-5822	21-613999	8-9	QBT3	Gray ash tuff with some silt, pebbles, and cobbles, loose with welded fragments, dry	
	RE21-11-5823	21-614000	6-7	SOIL	Gray/brown sandy silt with ash, pebbles, and cobbles, loose, dry	Sample collected beneath base course
	RE21-11-5824	21-614000	8-9	QBT3	Gray ash tuff, loose with some welded fragments, dry	
	RE21-11-5825	21-614001	20-21	QBT3	Light gray ash tuff, loose, dry	Soil/tuff interface at ~8 ft bgs
	RE21-11-5826	21-614001	30-31	QBT3	Light gray ash flow tuff, loose, dry	
	RE21-11-5827	21-614002	5-6	SOIL	Gray/brown sandy silt with ash, pebbles, cobbles, loose, slightly moist	Sample collected beneath base course
	RE21-11-5828	21-614002	7-8	SOIL	Gray/brown sandy silt with pebbles and cobbles, small clumps, slightly moist	
	RE21-11-5829	21-614003	5-6	SOIL	Gray/brown sandy silt with ash, pebbles, and cobbles, loose, dry	Sample collected beneath base course
	RE21-11-5830	21-614003	7-8	QBT3	Gray ash tuff with a few cobbles, loose with a few welded fragments, dry	
	RE21-11-5831	21-614004	5-6	QBT3	Gray ash flow tuff, loose with welded fragments, very slightly moist	Sample collected beneath base course
	RE21-11-5832	21-614004	7-8	QBT3	Gray ash flow tuff, loose with welded fragments, very slightly moist	
	RE21-11-5833	21-614005	5-6	QBT3	Gray ash flow tuff, loose with welded fragments, very slightly moist	Sample collected beneath base course
	RE21-11-5834	21-614005	7-8	QBT3	Gray ash flow tuff, loose with welded fragments, very slightly moist	
	RE21-11-5835	21-614006	5-6	QBT3	Gray ash flow tuff, loose, slightly moist	Sample collected beneath base course
	RE21-11-5836	21-614006	7-8	QBT3	Gray ash flow tuff, loose, slightly moist	

Table G-1 (continued)

Site/Unit/Building	Sample ID	Location ID	Depth (ft)	Media	Sample Description	Sample Comments
21-155 (cont.)	RE21-11-5837	21-614007	5-6	SOIL	Brown sandy silt with some ash, tuff fragments, pebbles and cobbles, moist with many small clumps, some construction debris	Sample collected beneath base course
	RE21-11-5838	21-614007	7-8	QBT3	Gray ash flow tuff, loose with welded fragments, slightly moist	
	RE21-11-5839	21-614008	5-6	QBT3	Gray ash flow tuff, loose, slightly moist	Sample collected beneath base course
	RE21-11-5840	21-614008	7-8	QBT3	Gray ash flow tuff, loose, slightly moist	
	RE21-11-5841	21-614009	5-6	QBT3	Gray/pink ash flow tuff, loose, slightly moist	Sample collected beneath base course
	RE21-11-5842	21-614009	7-8	QBT3	Gray/pink ash flow tuff, loose, slightly moist	
	RE21-11-5843	21-614010	5-6	QBT3	Gray/pink ash flow tuff, loose with a few welded fragments, slightly moist	Sample collected beneath base course
	RE21-11-5844	21-614010	7-8	QBT3	Gray/pink ash flow tuff, loose with a few welded fragments, slightly moist	
	RE21-11-5845	21-614011	5-6	QBT3	Gray ash tuff, loose with welded fragments, slightly moist	Sample collected beneath base course
	RE21-11-5846	21-614011	7-8	QBT3	Gray ash tuff, loose, slightly moist	
	RE21-11-5847	21-614012	5-6	QBT3	Gray/maroon ash flow tuff, slightly moist, loose with a few welded fragments	Sample collected beneath base course
	RE21-11-5848	21-614012	7-8	QBT3	Pink/gray ash flow tuff, loose with a few welded fragments, very slightly moist	
	RE21-11-5849	21-614013	5-6	QBT3	Pink/gray ash flow tuff, loose with a few welded fragments, slightly moist	Sample collected beneath base course
	RE21-11-5850	21-614013	7-8	QBT3	Gray/slightly pink ash flow tuff, loose, dry	

Table G-1 (continued)

Site/Unit/Building	Sample ID	Location ID	Depth (ft)	Media	Sample Description	Sample Comments
21-155 (cont.)	RE21-11-5851	21-614014	5-6	QBT3	Gray/pink ash flow tuff, loose with a few welded fragments, slightly moist	Sample collected beneath base course
	RE21-11-5852	21-614014	7-8	QBT3	Gray ash flow tuff, loose, slightly moist	
	RE21-11-5853	21-614015	12-13	QBT3	Gray ash flow tuff, loose with a few welded fragments, very slightly moist	
	RE21-11-5854	21-614015	16-17	QBT3	Gray ash flow tuff, loose, very slightly moist	
	RE21-11-5855	21-614015	21-22	QBT3	Gray ash flow tuff, loose, dry	
	RE21-11-5865	21-614020	6-7	QBT3	Gray ash flow tuff, loose with welded fragments, very slightly moist	
	RE21-11-5867	21-614021	6-7	SOIL	Gray/brown sandy silt with pebbles, ash, and tuff fragments	
	RE21-11-5869	21-614022	7-8	QBT3	Gray ash tuff, slightly moist	
	RE21-11-5870	21-614023	6-7	QBT3	Gray ash tuff, slightly moist	
	RE21-11-5871	21-614023	8-9	QBT3	Gray ash tuff, slightly moist	
	RE21-11-5876	21-614026	5-6	QBT3	Gray ash flow tuff, loose with welded fragments, slightly moist, some sandy soil	Sample collected beneath base course
	RE21-11-5877	21-614026	9-10	QBT3	Gray ash tuff, slightly moist	
	RE21-11-5878	21-614026	14-15	QBT3	Gray ash tuff, slightly moist	
21-209	RE21-11-10213	21-614370	5-6	SOIL	Brown silty soil, slightly moist	
	RE21-11-10216	21-614372	5-6	SOIL	Gray/brown sandy silt with cobbles	
	RE21-11-10217	21-614372	9-10	QBT3	Gray ash tuff, loose, very slightly moist	
	RE21-11-10218	21-614372	14-15	QBT3	Gray ash tuff, slightly indurated	

Table G-1 (continued)

Site/Unit/Building	Sample ID	Location ID	Depth (ft)	Media	Sample Description	Sample Comments
AOC 21-028(d)	RE21-11-10234	21-614373	5-6	QBT3	Gray ash tuff, slightly indurated, slightly moist	
	RE21-11-10235	21-614373	10-11	QBT3	Pale gray ash tuff, loose, slightly moist	
	RE21-11-10237	21-614374	5-6	QBT3	Gray ash tuff, loose, slightly moist	
	RE21-11-10238	21-614374	10-11	QBT3	Gray ash tuff, loose, slightly moist	
	RE21-11-10240	21-614375	5-6	QBT3	Gray ash tuff, loose, slightly moist	
	RE21-11-10241	21-614375	10-11	QBT3	Gray ash tuff, loose, slightly moist	
	RE21-11-10243	21-614376	5-6	QBT3	Gray ash tuff, loose, slightly moist	
	RE21-11-10244	21-614376	10-11	QBT3	Gray ash tuff, loose, slightly moist	
	RE21-11-10246	21-614377	5-6	QBT3	Purplish-gray ash tuff, slightly moist	
	RE21-11-10247	21-614377	10-11	QBT3	Purplish-gray ash tuff, slightly moist	
	RE21-11-10249	21-614378	5-6	QBT3	Purplish-gray ash tuff, moist	
	RE21-11-10250	21-614378	10-11	QBT3	Purplish-gray ash tuff, slightly moist	

Notes: Only samples collected from a depth greater than 5 ft below ground surface are included. Samples below the basement floor of building 21-209 are not included because they were collected less than 5 ft below the floor. Blank cells in the last column indicate no comments.

SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3467

EVENT NAME: DPSAA - Acid Waste Line Sump Overflow Line - SWMU 21-004(b)-99

SAMPLE ID: RE21-11-9842

WORK ORDER:

	<u>AS PLANNED</u>	<u>AS COLLECTED</u>	<u>AS PLANNED</u>	<u>AS COLLECTED</u>
DATE COLLECTED(MM/DD/YYYY):		<u>05/02/2011</u>	MEDIA: <u>ALLH</u>	<u>OK</u>
TIME COLLECTED (HH:MM)		<u>1031</u>	SUB-MEDIA: <u>SOIL</u>	
PRS ID: <u>21-004(b)-99</u>		<u>OK</u>	SAMPLE TECH CODE: <u>HA</u>	
LOCATION ID: <u>21-614319</u>		↓	FIELD QC TYPE: <u>NA</u>	
LOCATION TYPE: <u>GENERIC</u>		↓	FIELD PREP: <u>NA</u>	
TOP DEPTH: <u>0</u>		<u>KAO</u>	SAMPLE USAGE: <u>INV</u>	
BOTTOM DEPTH: <u>0</u>		<u>5/3/11</u>	SCREEN/PORT DESC: <u>N/A</u>	
FIELD MATRIX: <u>S</u>		<u>5</u>	EXCAVATED: YES <input checked="" type="radio"/> / NO <input type="radio"/> / NA <input type="radio"/>	
COMPOSITE TYPE: <u>N/A</u>			COMPOSITE TIME INTERVAL: <u>N/A</u>	WATER FLOWING: YES <input checked="" type="radio"/> / NA <input type="radio"/>
BOREHOLE: YES <input checked="" type="radio"/> / NO <input type="radio"/> / NA <input type="radio"/>			BOREHOLE DECLINATION: <u>N/A</u>	BOREHOLE DIRECTION: <u>N/A</u>

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	<u>Regular</u>	8260B	125 ML SEPTUM AMBER GLASS	Ice	<u>yes</u>	
1	↓	AM+GS+U+PU+TH+SR90	1 LITER POLY	None	↓	
1		H3	500 ML POLY	Ice		+ Tc-99
1	↓	METALS-GEL	125 ML POLY	Ice	↓	
1		Perchlorate+CN+N03+pH	500 ML POLY	Ice		
1	↓	RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	<u>no</u>	
1	<u>Regular</u>	8270C	250 ML AMBER GLASS	Ice	<u>yes</u>	

SAMPLE DESC: light brown soil
FTB AC 5-10-11
sample RE 21-11-9875

SAMPLE COMMENTS: none

LOCATION DESC: WP Location #1 North side of 21-223 at outlet

FIELD SCREENING/MEASUREMENT RESULTS:
 Alpha 31 dpm
 Beta/Gamma 466 dpm
 PID Ambient PPM 0.0
Reading 0.0

COLLECTED BY (PRINT) R. Sorensen REVIEWED BY (PRINT) S. Alanis

RELINQUISHED BY	Date/Time	RECEIVED BY	Date/Time
(Printed Name) <u>Lourdes Cordova</u>	<u>5/3/11</u>	(Printed Name) <u>Thelise Monty</u>	<u>5/3/11</u>
(Signature) <u>Lourdes Cordova</u>	<u>9:17</u>	(Signature) <u>[Signature]</u>	<u>9:17</u>

SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3467

EVENT NAME: DPSAA - Acid Waste Line Sump Overflow Line - SWMU 21-004(b)-99

SAMPLE ID: RE21-11-9843

WORK ORDER:

	AS PLANNED	AS COLLECTED		AS PLANNED	AS COLLECTED
DATE COLLECTED(MM/DD/YYYY):		05/02/2011	MEDIA:	ALLH	OK
TIME COLLECTED (HH:MM)		1047	SUB-MEDIA:	SOIL	
PRS ID:	21-004(b)-99	OK	SAMPLE TECH CODE:	HA	
LOCATION ID:	21-614319	↓	FIELD QC TYPE:	NA	
LOCATION TYPE:	GENERIC	↓	FIELD PREP:	NA	
TOP DEPTH:	0	5-22" 0-1" 9	SAMPLE USAGE:	INV	↓
BOTTOM DEPTH:	0	5-22" 0-1" 9	SCREEN/PORT DESC:	N/A	
FIELD MATRIX:	S	S	EXCAVATED: YES/NO/NA	NO	
COMPOSITE TYPE:	N/A	N/A	COMPOSITE TIME INTERVAL:	N/A	WATER FLOWING: YES/NO/NA
BOREHOLE: YES/NO/NA	NO	N/A	BOREHOLE DECLINATION:	N/A	BOREHOLE DIRECTION: N/A

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	Regular OK	8260B	125 ML SEPTUM AMBER GLASS	Ice	yes	
1		AM+GS+U+PU+TH+SR90	1 LITER POLY	None		
1		H3	500 ML POLY	Ice		+ Tc-99
1		METALS-GEL	125 ML POLY	Ice		
1	↓	Perchlorate+CN+N03+pH	500 ML POLY	Ice	↓	
1		RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	NO	
1	Regular	8270C	250 ML AMBER GLASS	Ice	yes	

SAMPLE DESC: light brown soil

SAMPLE COMMENTS: none

LOCATION DESC: WP location #1 North outlet from 21-223

FIELD SCREENING/MEASUREMENT RESULTS:
 Alpha 31 dpm
 Beta/Gamma 466 dpm
 PID Ambient PPM 0.0
 Reading 0.0

COLLECTED BY (PRINT) R. Sorensen REVIEWED BY (PRINT) S. Alanis

RELINQUISHED BY	Date/Time	RECEIVED BY	Date/Time
(Printed Name) Lourdes Cordova	5/3/11	(Printed Name) Melissa Math	5/3/11
(Signature) <i>Lourdes Cordova</i>	9:17	(Signature) <i>Melissa Math</i>	7:17

SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3467

EVENT NAME: DPSAA - Acid Waste Line Sump Overflow Line - SWMU 21-004(b)-99

SAMPLE ID: RE21-11-9864

WORK ORDER:

	<u>AS PLANNED</u>	<u>AS COLLECTED</u>	<u>AS PLANNED</u>	<u>AS COLLECTED</u>
DATE COLLECTED(MM/DD/YYYY):		<u>07/13/2011</u>	MEDIA: ALLH	<u>QBT3</u>
TIME COLLECTED (HH:MM)		<u>09:30</u>	SUB-MEDIA: SOIL	<u>TUFF</u>
PRS ID: 21-004(b)-99		<u>OK</u>	SAMPLE TECH CODE: HA	<u>OK</u>
LOCATION ID: 21-614329		<u>OK</u>	FIELD QC TYPE: NA	↓
LOCATION TYPE: GENERIC		<u>OK</u>	FIELD PREP: NA	
TOP DEPTH: 0		<u>5</u>	SAMPLE USAGE: INV	
BOTTOM DEPTH: 0		<u>6</u>	SCREEN/PORT DESC: <u>N/A</u>	
FIELD MATRIX: S		<u>R</u>	EXCAVATED: YES <input checked="" type="radio"/> NO / NA	
COMPOSITE TYPE: <u>N/A</u>		COMPOSITE TIME INTERVAL: <u>N/A</u>	WATER FLOWING: YES <input checked="" type="radio"/> NA	
BOREHOLE: YES <input checked="" type="radio"/> NO		BOREHOLE DECLINATION: <u>N/A</u>	BOREHOLE DIRECTION: <u>N/A</u>	

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	<u>Regular</u>	8260B	125 ML SEPTUM AMBER GLASS	Ice	<u>Y</u>	
1	↓	8270C+8082	250 ML AMBER GLASS	Ice	<u>Y</u>	
2		8290	125 ML GLASS	Ice	<u>Y</u>	
1		AM+GS+U+PU+TH+SR90	1 LITER POLY	None	<u>Y</u>	
1		H3	500 ML POLY	Ice	<u>Y</u>	+ Tc-99
1		METALS-GEL	125 ML POLY	Ice	<u>Y</u>	
1		NMED Explosives list	250 ML AMBER GLASS	Ice	<u>Y</u>	
1		Perchlorate+CN+N03+pH	500 ML POLY	Ice	<u>Y</u>	
1	<u>N/A</u>	RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	<u>N</u>	

SAMPLE DESC: GRAYISH-white tuff, indurated, slightly moist

SAMPLE COMMENTS: under asphalt, under EASTERN TANK

LOCATION DESC: WP # 10 (46-10) "Last depth"

FIELD SCREENING/MEASUREMENT RESULTS:

K ≤ 46 dpm

B18 ≤ 280 dpm

P/D = 0.0 Ambient PPM / 0.0 Actual

COLLECTED BY (PRINT) Larry A. Lopez REVIEWED BY (PRINT) J. Branch

RELINQUISHED BY	Date/Time	RECEIVED BY	Date/Time
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SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3467

EVENT NAME: DPSAA - Acid Waste Line Sump Overflow Line - SWMU 21-004(b)-99

(Printed Name) <i>Lourdes Cardona</i> (Signature) <i>Lourdes Cardona</i>	<i>3/13/11</i> <i>3:25</i>	(Printed Name) <i>Michelle Martin</i> (Signature) <i>[Signature]</i>	<i>3/13/11</i> <i>3:25</i>
RELINQUISHED BY (Printed Name) (Signature)	Date/Time	RECEIVED BY (Printed Name) (Signature)	Date/Time

RE 21-11-9864

SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3467

EVENT NAME: DPSAA - Acid Waste Line Sump Overflow Line - SWMU 21-004(b)-99

SAMPLE ID: RE21-11-9871

WORK ORDER:

	<u>AS PLANNED</u>	<u>AS COLLECTED</u>	<u>AS PLANNED</u>	<u>AS COLLECTED</u>
DATE COLLECTED(MM/DD/YYYY):		07/12/2011	MEDIA:	ALLH
TIME COLLECTED (HH:MM)		14:45	SUB-MEDIA:	SOIL
PRS ID: 21-004(b)-99		OK	SAMPLE TECH CODE:	HA
LOCATION ID: UNK		21-614328	FIELD QC TYPE:	NA
LOCATION TYPE: GENERIC		OK	FIELD PREP:	NA
TOP DEPTH: 0		5.0	SAMPLE USAGE:	INV
BOTTOM DEPTH: 0		6.0	SCREEN/PORT DESC:	N/A
FIELD MATRIX: S		R	EXCAVATED: YES/NO/NA	
COMPOSITE TYPE: N/A			COMPOSITE TIME INTERVAL: N/A	
			WATER FLOWING: YES/NO/NA	
BOREHOLE: YES/NO/NA			BOREHOLE DECLINATION: N/A	
			BOREHOLE DIRECTION: N/A	

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	Regular	8260B	125 ML SEPTUM AMBER GLASS	Ice	Y	
1		8270C+8082	250 ML AMBER GLASS	Ice		
2		8290	125 ML GLASS	Ice		
1		AM+GS+U+PU+TH+SR90	1 LITER POLY	None		
1		H3	500 ML POLY	Ice		+ Tc-99
1		METALS-GEL	125 ML POLY	Ice		
1		NMED Explosives list	250 ML AMBER GLASS	Ice		
1	✓	Perchlorate+CN+N03+pH	500 ML POLY	Ice	✓	
1	N/A	RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	N	

SAMPLE DESC: Tan/Brown, dry, indurated turf

SAMPLE COMMENTS: None

LOCATION DESC: WP Location #4

FIELD SCREENING/MEASUREMENT RESULTS:

$\alpha \leq 31$ dpm
 $\beta/\gamma \leq 420$ dpm

PID Ambient Reading = $\frac{0.0}{0.0}$ ppm

COLLECTED BY (PRINT) J. Branch

REVIEWED BY (PRINT) Larry A Lopez

RELINQUISHED BY	Date/Time	RECEIVED BY	Date/Time
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SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3467

EVENT NAME: DPSAA - Acid Waste Line Sump Overflow Line - SWMU 21-004(b)-99

(Printed Name) <i>Steve Murojas</i>	<i>7/13/11</i>	(Printed Name) <i>Charisse Murojas</i>	<i>7/13/11</i>
(Signature) <i>[Signature]</i>	<i>845</i>	(Signature) <i>[Signature]</i>	<i>845</i>
RELINQUISHED BY	Date/Time	RECEIVED BY	Date/Time
(Printed Name)		(Printed Name)	
(Signature)		(Signature)	

RE21-11-9871

SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3467

EVENT NAME: DPSAA - Acid Waste Line Sump Overflow Line - SWMU 21-004(b)-99

SAMPLE ID: RE21-11-9872

WORK ORDER:

	<u>AS PLANNED</u>	<u>AS COLLECTED</u>		<u>AS PLANNED</u>	<u>AS COLLECTED</u>
DATE COLLECTED(MM/DD/YYYY):		<u>07/13/2011</u>	MEDIA:	<u>ALLH</u>	<u>QBT3</u>
TIME COLLECTED (HH:MM)		<u>10:05</u>	SUB-MEDIA:	<u>SOIL</u>	<u>Tuff</u>
PRS ID: 21-004(b)-99		<u>OK</u>	SAMPLE TECH CODE:	<u>HA</u>	<u>OK</u>
LOCATION ID: UNK		<u>21-614326</u>	FIELD QC TYPE:	<u>NA</u>	↓
LOCATION TYPE: GENERIC		<u>OK</u>	FIELD PREP:	<u>NA</u>	
TOP DEPTH: 0		<u>5.0</u>	SAMPLE USAGE:	<u>INV</u>	
BOTTOM DEPTH: 0		<u>6.0</u>	SCREEN/PORT DESC:	<u>N/A</u>	
FIELD MATRIX: S		<u>R</u>	EXCAVATED: YES/ <input checked="" type="radio"/> NA		
COMPOSITE TYPE: <u>N/A</u>		COMPOSITE TIME INTERVAL: <u>N/A</u>		WATER FLOWING: YES/ <input checked="" type="radio"/> NA	
BOREHOLE: YES/ <input checked="" type="radio"/> NA		BOREHOLE DECLINATION: <u>N/A</u>		BOREHOLE DIRECTION: <u>N/A</u>	

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	<u>Regulation</u>	8260B	125 ML SEPTUM AMBER GLASS	Ice	<u>Y</u>	
1		8270C+ 8882 <u>8270C</u>	250 ML AMBER GLASS	Ice	<u>Y</u>	
2	<u>N/A</u>	8290	125 ML GLASS	Ice	<u>N</u>	
1		AM+GS+U+PU+TH+SR90	1 LITER POLY	None	<u>Y</u>	
1		H3	500 ML POLY	Ice	<u>Y</u>	+ Tc-99
1		METALS-GEL	125 ML POLY	Ice	<u>Y</u>	
1	<u>N/A</u>	NMED Explosives list	250 ML AMBER GLASS	Ice	<u>N</u>	
1	↓	Perchlorate+CN+N03+pH	500 ML POLY	Ice	<u>Y</u>	
1	<u>NA</u>	RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	<u>N</u>	

SAMPLE DESC: grayish - white tuff. FTB collected along with [RE21-11-9877]

SAMPLE COMMENTS:
Under Asphalt, under Western TRUNK

LOCATION DESC:
WP # 9 (46-09)

FIELD SCREENING/MEASUREMENT RESULTS:
 $\alpha \leq \frac{15}{dpm}$
 $B/\gamma \leq 560 \text{ dpm}$
 $P/D = \frac{0.0 \text{ Ambient}}{0.0 \text{ Default}} \text{ ppm}$

COLLECTED BY (PRINT) Lacey A. Lopez REVIEWED BY (PRINT) Nick Gallegos

RELINQUISHED BY	Date/Time	RECEIVED BY	Date/Time
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SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3467

EVENT NAME: DPSAA - Acid Waste Line Sump Overflow Line - SWMU 21-004(b)-99

(Printed Name) Lourdes Cordova	7/13/11	(Printed Name) Miss. M. M.	7/13/11
(Signature) Lourdes Cordova	3:25	(Signature) [Handwritten Signature]	3:25
RELINQUISHED BY	Date/Time	RECEIVED BY	Date/Time
(Printed Name)		(Printed Name)	
(Signature)		(Signature)	

RE 21-11-987C

SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3332

EVENT NAME: Acid Waste Lines & Sump -SWMU 21-011(b) - DPSAA - Delayed Sites

SAMPLE ID: RE21-11-3823

WORK ORDER:

	AS PLANNED	AS COLLECTED		AS PLANNED	AS COLLECTED
DATE COLLECTED(MM/DD/YYYY):		03/28/2011	MEDIA:	ALLH	Qbt3
TIME COLLECTED (HH:MM)		1058	SUB-MEDIA:	SOIL	Tuff
PRS ID:	21-011(b)	OK	SAMPLE TECH CODE:	HA	OK
LOCATION ID:	21-613813	↓	FIELD QC TYPE:	NA	↓
LOCATION TYPE:	GENERIC	↓	FIELD PREP:	NA	↓
TOP DEPTH:	0	6	SAMPLE USAGE:	INV	↓
BOTTOM DEPTH:	0	7	SCREEN/PORT DESC:	N/A	
FIELD MATRIX:	S	K S11314 R	EXCAVATED: YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>		
COMPOSITE TYPE:	N/A		COMPOSITE TIME INTERVAL:	N/A	WATER FLOWING: YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>
BOREHOLE: YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>			BOREHOLE DECLINATION:	N/A	BOREHOLE DIRECTION: N/A

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	Regular	8260B	125 ML SEPTUM AMBER GLASS	Ice	yes	
1	↓	8270C	250 ML AMBER GLASS	Ice	↓	
1	↓	AM241+GS+ISOPU+ISOU+SR90	1 LITER POLY	None	↓	Add ISO TH
1	↓	H3	500 ML POLY	Ice	↓	Add TC 99
1	↓	METALS-GEL	125 ML POLY	Ice	↓	
1	↓	Perchlorate+CN+N03+pH	500 ML POLY	Ice	↓	
1	↓	RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	NO	

SAMPLE DESC: light grey tuff

SAMPLE COMMENTS: None

LOCATION DESC: WP Location # 29

FIELD SCREENING/MEASUREMENT RESULTS:

Alpha = 56 dpm
Beta/Gamma = 205 dpm

PID $\frac{\text{Ambient Reading}}{\text{Reading}} = \text{ppm} \quad \frac{0.0}{0.0}$

COLLECTED BY (PRINT) R Sorensen

REVIEWED BY (PRINT) S. Alanis

RELINQUISHED BY	Date/Time	RECEIVED BY	Date/Time
(Printed Name) Lourdes Cordova	3/29/11	(Printed Name) STEPHEN STEERWOOD	3/29/11
(Signature) Lourdes Cordova	9:45	(Signature) Stephen Steerwood	9:45

SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3332

EVENT NAME: Acid Waste Lines & Sump -SWMU 21-011(b) - DPSAA - Delayed Sites

SAMPLE ID: RE21-11-3824

WORK ORDER:

	AS PLANNED	AS COLLECTED		AS PLANNED	AS COLLECTED
DATE COLLECTED(MM/DD/YYYY):		03/28/2011	MEDIA:	ALLH	
TIME COLLECTED (HH:MM)		1323	SUB-MEDIA:	SOIL	OK
PRS ID:	21-011(b)	OK	SAMPLE TECH CODE:	HA	
LOCATION ID:	21-613814	↓	FIELD QC TYPE:	NA	
LOCATION TYPE:	GENERIC	↓	FIELD PREP:	NA	
TOP DEPTH:	0	KNO 5/12/11 6	SAMPLE USAGE:	INV	↓
BOTTOM DEPTH:	0	7	SCREEN/PORT DESC:	NA	
FIELD MATRIX:	S	S	EXCAVATED: YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	NA	
COMPOSITE TYPE:	N/A		COMPOSITE TIME INTERVAL:	N/A	WATER FLOWING: YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> NA
BOREHOLE: YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> NA		BOREHOLE DECLINATION:	N/A	BOREHOLE DIRECTION:	N/A

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	Regular	8260B	125 ML SEPTUM AMBER GLASS	Ice	YES	
1	↓	8270C	250 ML AMBER GLASS	Ice	↓	
1	↓	AM241+GS+ISOPU+ISOU+SR90	1 LITER POLY	None	↓	Add ISO TH
1	↓	H3	500 ML POLY	Ice	↓	Add TC 99
1	↓	METALS-GEL	125 ML POLY	Ice	↓	
1	↓	Perchlorate+CN+N03+pH	500 ML POLY	Ice	↓	
1		RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	NO	

SAMPLE DESC: light brown soil

SAMPLE COMMENTS: None

LOCATION DESC: WP Location # 28

FIELD SCREENING/MEASUREMENT RESULTS:

Alpha = 0 dpm
 Beta/Gamma = 205 dpm
 PID $\frac{\text{Ambient Reading}}{\text{Reading}} = \text{ppm} \frac{0.0}{0.0}$

COLLECTED BY (PRINT) J. Lyons REVIEWED BY (PRINT) S. Alanis

RELINQUISHED BY	Date/Time	RECEIVED BY	Date/Time
(Printed Name) Lourdes Cordaic	3/29/11	(Printed Name) SHERI SHERWOOD	3/29/11
(Signature) Lourdes Cordaic	9:45	(Signature) Sheri Sherwood	9:45

SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3332

EVENT NAME: Acid Waste Lines & Sump -SWMU 21-011(b) - DPSAA - Delayed Sites

SAMPLE ID: RE21-11-3825

WORK ORDER:

	<u>AS PLANNED</u>	<u>AS COLLECTED</u>		<u>AS PLANNED</u>	<u>AS COLLECTED</u>
DATE COLLECTED(MM/DD/YYYY):		03/28/2011	MEDIA:	ALLH	OK
TIME COLLECTED (HH:MM)		1347	SUB-MEDIA:	SOIL	↓
PRS ID:	21-011(b)	ok	SAMPLE TECH CODE:	HA	↓
LOCATION ID:	21-613814	↓	FIELD QC TYPE:	NA	↓
LOCATION TYPE:	GENERIC	↓	FIELD PREP:	NA	↓
TOP DEPTH:	0	8	SAMPLE USAGE:	INV	↓
BOTTOM DEPTH:	0	8 9	SCREEN/PORT DESC:	N/A	↓
FIELD MATRIX:	S	S	EXCAVATED: YES/NO/NA	NO	↓
COMPOSITE TYPE:	N/A		COMPOSITE TIME INTERVAL:	N/A	WATER FLOWING: YES/NO/NA
BOREHOLE: YES/NO/NA	NO		BOREHOLE DECLINATION:	N/A	N/A
			BOREHOLE DIRECTION:	N/A	

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	Regular	8260B	125 ML SEPTUM AMBER GLASS	Ice	yes	
1	↓	8270C	250 ML AMBER GLASS	Ice	↓	
1	↓	AM241+GS+ISOPU+ISOU+SR90	1 LITER POLY	None	↓	Add ISO TH
1	↓	H3	500 ML POLY	Ice	↓	Add TC 99
1	↓	METALS-GEL	125 ML POLY	Ice	↓	
1	↓	Perchlorate+CN+N03+pH	500 ML POLY	Ice	↓	
1	↓	RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	ND	

SAMPLE DESC: light brown soil

SAMPLE COMMENTS: none

LOCATION DESC: WP Location # 28

FIELD SCREENING/MEASUREMENT RESULTS:

Alpha = 0 dpm
Beta/Gamma = 0 dpm

PID $\frac{\text{Ambient Reading}}{\text{Reading}} = \text{ppm}$ $\frac{0.0}{0.0}$

COLLECTED BY (PRINT) J. Lyons REVIEWED BY (PRINT) S. Alanis

RELINQUISHED BY	Date/Time	RECEIVED BY	Date/Time
(Printed Name) Lourdes Cordova	3/29/11	(Printed Name) STEPHEN SHERWOOD	3/29/11
(Signature) Lourdes Cordova	9:45	(Signature) Stephen Sherwood	945

SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3332

EVENT NAME: Acid Waste Lines & Sump -SWMU 21-011(b) - DPSAA - Delayed Sites

SAMPLE ID: RE21-11-3826

WORK ORDER:

	AS PLANNED	AS COLLECTED		AS PLANNED	AS COLLECTED
DATE COLLECTED(MM/DD/YYYY):		05/02/2011	MEDIA:	ALLH	OK
TIME COLLECTED (HH:MM)		0958	SUB-MEDIA:	SOIL	↓
PRS ID:	21-011(b)	OK	SAMPLE TECH CODE:	HA	↓
LOCATION ID:	21-613815	↓	FIELD QC TYPE:	NA	↓
LOCATION TYPE:	GENERIC	↓	FIELD PREP:	NA	↓
TOP DEPTH:	0	0	SAMPLE USAGE:	INV	↓
BOTTOM DEPTH:	0	+	SCREEN/PORT DESC:	N/A	↓
FIELD MATRIX:	S	S	EXCAVATED: YES/NO/NA	N/A	
COMPOSITE TYPE:	N/A		COMPOSITE TIME INTERVAL:	N/A	WATER FLOWING: YES/NO/NA
BOREHOLE: YES/NO/NA	NO		BOREHOLE DECLINATION:	N/A	BOREHOLE DIRECTION: N/A

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	Regular	8260B	125 ML SEPTUM AMBER GLASS	Ice	Yes	
1	↓	8270C	250 ML AMBER GLASS	Ice	↓	
1	↓	AM241+GS+ISOPU+ISOU+SR90	1 LITER POLY	None	↓	Add ISO TH
1	↓	H3	500 ML POLY	Ice	↓	Add Tc 99
1	↓	METALS-GEL	125 ML POLY	Ice	↓	
1	↓	Perchlorate+CN+N03+pH	500 ML POLY	Ice	↓	
1	↓	RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	NO	

SAMPLE DESC: light brown soil

SAMPLE COMMENTS: None

LOCATION DESC: wp location # 13 at inlet to 21-223 on south side

FIELD SCREENING/MEASUREMENT RESULTS:

Alpha = 31 dpm
Beta/Gamma = 416 dpm

PID $\frac{\text{Ambient Reading}}{\text{Reading}} = \text{ppm}$ $\frac{0.0}{0.0}$

COLLECTED BY (PRINT) R. Sorensen REVIEWED BY (PRINT) S. Alanis

RELINQUISHED BY (Printed Name) Lourdes Cordova (Signature) Lourdes Cordova	Date/Time ²⁰ 5/3/11 9:17	RECEIVED BY (Printed Name) Miss Martin (Signature) <i>[Signature]</i>	Date/Time 5/3/11 9:17
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SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3332

EVENT NAME: Acid Waste Lines & Sump -SWMU 21-011(b) - DPSAA - Delayed Sites

SAMPLE ID: RE21-11-3827

WORK ORDER:

	<u>AS PLANNED</u>	<u>AS COLLECTED</u>	<u>AS PLANNED</u>	<u>AS COLLECTED</u>
DATE COLLECTED(MM/DD/YYYY):		05/02/2011	MEDIA: ALLH	QB+3 5/17/11
TIME COLLECTED (HH:MM)		1012	SUB-MEDIA: SOIL	ROCK Tuff RC
PRS ID: 21-011(b)		OK	SAMPLE TECH CODE: HA	OK
LOCATION ID: 21-613815		↓	FIELD QC TYPE: NA	↓
LOCATION TYPE: GENERIC		↓	FIELD PREP: NA	↓
TOP DEPTH: 0		2 9 5/16	SAMPLE USAGE: INV	↓
BOTTOM DEPTH: 0		3 10 5/16	SCREEN/PORT DESC: NA	
FIELD MATRIX: S		R	EXCAVATED: YES/NO/NA	
COMPOSITE TYPE: N/A			COMPOSITE TIME INTERVAL: N/A	WATER FLOWING: YES/NO/NA
BOREHOLE: YES/NO/NA			BOREHOLE DECLINATION: N/A	BOREHOLE DIRECTION: N/A

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	Regular	8260B	125 ML SEPTUM AMBER GLASS	Ice	Yes	
1	↓	8270C	250 ML AMBER GLASS	Ice	↓	
1	↓	AM241+GS+ISOPU+ISOU+SR90	1 LITER POLY	None	↓	Add ISO TH
1	↓	H3	500 ML POLY	Ice	↓	Add TC 99
1	↓	METALS-GEL	125 ML POLY	Ice	↓	
1	↓	Perchlorate+CN+N03+pH	500 ML POLY	Ice	↓	
1	↓	RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	NO	

SAMPLE DESC: light grey tuff

SAMPLE COMMENTS: None

LOCATION DESC: WP Location #13 at inlet to 21-223 on South side

FIELD SCREENING/MEASUREMENT RESULTS:

Alpha = 31 dpm
Beta/Gamma = 416 dpm

PID $\frac{\text{Ambient Reading}}{\text{Reading}} = \text{ppm} \frac{0.0}{0.0}$

COLLECTED BY (PRINT) R. Sorensen

REVIEWED BY (PRINT) S. Alanis

RELINQUISHED BY (Printed Name) Lourdes Cordova (Signature) <i>Lourdes Cordova</i>	Date/Time 5/3/11 9:17	RECEIVED BY (Printed Name) <i>M. Alanis</i> (Signature) <i>M. Alanis</i>	Date/Time 5/3/11 9:17
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SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3332

EVENT NAME: Acid Waste Lines & Sump -SWMU 21-011(b) - DPSAA - Delayed Sites

SAMPLE ID: RE21-11-3828

WORK ORDER:

	<u>AS PLANNED</u>	<u>AS COLLECTED</u>		<u>AS PLANNED</u>	<u>AS COLLECTED</u>
DATE COLLECTED(MM/DD/YYYY):		<u>05/24/2011</u>	MEDIA:	<u>ALLH</u>	<u>OK</u>
TIME COLLECTED (HH:MM)		<u>11:00</u>	SUB-MEDIA:	<u>SOIL</u>	↓
PRS ID:	<u>21-011(b)</u>	<u>OK</u>	SAMPLE TECH CODE:	<u>HA</u>	↓
LOCATION ID:	<u>21-613816</u>	<u>OK</u>	FIELD QC TYPE:	<u>NA</u>	↓
LOCATION TYPE:	<u>GENERIC</u>	<u>OK</u>	FIELD PREP:	<u>NA</u>	↓
TOP DEPTH:	<u>0</u>	<u>7</u>	SAMPLE USAGE:	<u>INV</u>	↓
BOTTOM DEPTH:	<u>0</u>	<u>8</u>	SCREEN/PORT DESC:	<u>N/A</u>	↓
FIELD MATRIX:	<u>S</u>	<u>OK</u>	EXCAVATED: YES/NO/NA	<u>N/A</u>	↓
COMPOSITE TYPE:	<u>N/A</u>	COMPOSITE TIME INTERVAL:	<u>N/A</u>	WATER FLOWING: YES/NO/NA	
BOREHOLE: YES/NO/NA	<u>NO</u>	BOREHOLE DECLINATION:	<u>N/A</u>	BOREHOLE DIRECTION:	<u>N/A</u>

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	<u>regular</u>	8260B	125 ML SEPTUM AMBER GLASS	Ice	<u>Y</u>	
1	↓	8270C	250 ML AMBER GLASS	Ice	<u>Y</u>	
1	↓	AM241+GS+ISOPU+ISOU+SR90	1 LITER POLY	None	<u>Y</u>	<u>Add ISO TH</u>
1	↓	H3	500 ML POLY	Ice	<u>Y</u>	<u>Add TC 99</u>
1	↓	METALS-GEL	125 ML POLY	Ice	<u>Y</u>	
1	↓	Perchlorate+CN+N03+pH	500 ML POLY	Ice	<u>Y</u>	
1	↓	RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	<u>No</u>	

SAMPLE DESC: Reddish-brown, slightly moist, with some rocks + little Cuff material from FTB RE 21-11-3928

SAMPLE COMMENTS: Under Acid waste line (6-in cl pipe) at bend to North towards Sump 21-223.

LOCATION DESC: WP Location 21-011B-12

FIELD SCREENING/MEASUREMENT RESULTS:

Alpha = 46 dpm
Beta/Gamma = 420 dpm

PID $\frac{\text{Ambient Reading}}{0.0} = \frac{0.0}{0.0}$ ppm

COLLECTED BY (PRINT) Lacey A. Lopez REVIEWED BY (PRINT) S. Alanis

RELINQUISHED BY	Date/Time	RECEIVED BY	Date/Time
(Printed Name) <u>A. Furnall</u>	<u>5/25/11</u>	(Printed Name) <u>Sherwood</u>	<u>5/25/11</u>
(Signature) <u>A. Furnall</u>	<u>9:48</u>	(Signature) <u>Sherwood</u>	<u>948</u>

SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3332

EVENT NAME: Acid Waste Lines & Sump -SWMU 21-011(b) - DPSAA - Delayed Sites

SAMPLE ID: RE21-11-3829

WORK ORDER:

	<u>AS PLANNED</u>	<u>AS COLLECTED</u>		<u>AS PLANNED</u>	<u>AS COLLECTED</u>
DATE COLLECTED(MM/DD/YYYY):		<u>05/24/2011</u>	MEDIA:	<u>ALLH</u>	<u>QBT3</u>
TIME COLLECTED (HH:MM)		<u>11:30</u>	SUB-MEDIA:	<u>SOIL</u>	<u>Tuff</u>
PRS ID:	<u>21-011(b)</u>	<u>OK</u>	SAMPLE TECH CODE:	<u>HA</u>	<u>OK</u>
LOCATION ID:	<u>21-613816</u>	<u>OK</u>	FIELD QC TYPE:	<u>NA</u>	↓
LOCATION TYPE:	<u>GENERIC</u>	<u>OK</u>	FIELD PREP:	<u>NA</u>	
TOP DEPTH:	<u>0</u>	<u>0</u>	SAMPLE USAGE:	<u>INV</u>	
BOTTOM DEPTH:	<u>0</u>	<u>10</u>	SCREEN/PORT DESC:	<u>N/A</u>	
FIELD MATRIX:	<u>S</u>	<u>R</u>	EXCAVATED: YES/NO	<u>NA</u>	
COMPOSITE TYPE:	<u>N/A</u>	COMPOSITE TIME INTERVAL:	<u>N/A</u>	WATER FLOWING: YES/NO/NA	<u>NO/NA</u>
BOREHOLE: YES/NO/NA	<u>NO/NA</u>	BOREHOLE DECLINATION:	<u>N/A</u>	BOREHOLE DIRECTION:	<u>N/A</u>

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	<u>regular</u>	8260B	125 ML SEPTUM AMBER GLASS	Ice	<u>Y</u>	
1	↓	8270C	250 ML AMBER GLASS	Ice	<u>Y</u>	
1	↓	AM241+GS+ISOPU+ISOU+SR90	1 LITER POLY	None	<u>Y</u>	<u>Add ISO TH</u>
1	↓	H3	500 ML POLY	Ice	<u>Y</u>	<u>Add TC-99</u>
1	↓	METALS-GEL	125 ML POLY	Ice	<u>Y</u>	
1	↓	Perchlorate+CN+N03+pH	500 ML POLY	Ice	<u>Y</u>	
1	↓	RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	<u>No</u>	

SAMPLE DESC: Darkish-purple gray tuff, slightly moist, loose with some rocks.

SAMPLE COMMENTS: Under acid waste line (6in-cl pipe) at Bend to North Towards Sumps 21-223.

LOCATION DESC: WP location 21-11B-12

FIELD SCREENING/MEASUREMENT RESULTS:

Alpha = 62 dpm
Beta/Gamma = 700 dpm

PID $\frac{\text{Ambient Reading}}{\text{Reading}}$ = $\frac{0.0}{0.0}$ ppm

COLLECTED BY (PRINT) LARRY A. LOPEZ REVIEWED BY (PRINT) S. Alanis

RELINQUISHED BY	Date/Time	RECEIVED BY	Date/Time
(Printed Name) <u>A. Furmall</u>	<u>5/25/11</u>	(Printed Name) <u>Sheri Sherwood</u>	<u>5/25/11</u>
(Signature) <u>[Signature]</u>	<u>9:48</u>	(Signature) <u>[Signature]</u>	<u>948</u>

SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3332

EVENT NAME: Acid Waste Lines & Sump -SWMU 21-011(b) - DPSAA - Delayed Sites

SAMPLE ID: RE21-11-3832

WORK ORDER:

	AS PLANNED	AS COLLECTED		AS PLANNED	AS COLLECTED
DATE COLLECTED(MM/DD/YYYY):		03/21/2011	MEDIA:	ALLH	XAD QB+3
TIME COLLECTED (HH:MM)		1025	SUB-MEDIA:	SOIL	tuff
PRS ID:	21-011(b)	OK	SAMPLE TECH CODE:	HA	5/16 TH ↓ OK
LOCATION ID:	21-613818		FIELD QC TYPE:	NA	
LOCATION TYPE:	GENERIC		FIELD PREP:	NA	
TOP DEPTH:	0	KAD ↓ 5/16 TH ↓ 6	SAMPLE USAGE:	INV	
BOTTOM DEPTH:	0	87	SCREEN/PORT DESC:	N/A	
FIELD MATRIX:	S	R	EXCAVATED: YES (NO) NA	(NO) NA	
COMPOSITE TYPE:	N/A		COMPOSITE TIME INTERVAL:	N/A	WATER FLOWING: YES (NO) NA
BOREHOLE: YES (NO) NA	(NO) NA		BOREHOLE DECLINATION:	N/A	BOREHOLE DIRECTION: N/A

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	Regular	8260B	125 ML SEPTUM AMBER GLASS	Ice	Yes	
1		8270C	250 ML AMBER GLASS	Ice	↓	
1		AM241+GS+ ISOPU+ISOU+SR 90	1 LITER POLY	None	↓	Add ISD TH
1		H3	500 ML POLY	Ice	↓	Add TC 99
1		METALS-GEL	125 ML POLY	Ice	↓	
1		Perchlorate+CN+ N03+pH	500 ML POLY	Ice	↓	
1		RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	NO	

SAMPLE DESC: grey weathered tuff

SAMPLE COMMENTS: none

LOCATION DESC: WP LOC #24 Inside trench bottom

FIELD SCREENING/MEASUREMENT RESULTS:

Alpha = 31 dpm
Beta/Gamma = 212 dpm

PID $\frac{\text{Ambient Reading}}{\text{Reading}} = \text{ppm}$ $\frac{0.0}{83.6}$

COLLECTED BY (PRINT) J. Lyons

REVIEWED BY (PRINT) S. Alanis

RELINQUISHED BY (Printed Name) Ali Fumoll (Signature)	Date/Time 3/21/11 14:00	RECEIVED BY (Printed Name) K. Greer (Signature)	Date/Time 3/21/11 2:00
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SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3332

EVENT NAME: Acid Waste Lines & Sump -SWMU 21-011(b) - DPSAA - Delayed Sites

SAMPLE ID: RE21-11-3833

WORK ORDER:

	<u>AS PLANNED</u>	<u>AS COLLECTED</u>		<u>AS PLANNED</u>	<u>AS COLLECTED</u>
DATE COLLECTED(MM/DD/YYYY):		03/21/2011	MEDIA:	ALLH	
TIME COLLECTED (HH:MM)		1041	SUB-MEDIA:	SOIL	
PRS ID:	21-011(b)	OK	SAMPLE TECH CODE:	HA	
LOCATION ID:	21-613818	↓	FIELD QC TYPE:	NA	
LOCATION TYPE:	GENERIC	↓	FIELD PREP:	NA	
TOP DEPTH:	0	KAO 5/13/11 ↓	SAMPLE USAGE:	INV	
BOTTOM DEPTH:	0	KAO 5/13/11 ↓	SCREEN/PORT DESC:	N/A	
FIELD MATRIX:	S	KAO 5/13/11 ↓	EXCAVATED: YES/NO/NA	NO	
COMPOSITE TYPE:	N/A	KAO 5/13/11 ↓	COMPOSITE TIME INTERVAL:	N/A	
BOREHOLE: YES/NO/NA	NO	KAO 5/13/11 ↓	WATER FLOWING: YES/NO/NA	NO	
BOREHOLE DECLINATION:	N/A	KAO 5/13/11 ↓	BOREHOLE DIRECTION:	N/A	

KAO
5/13/11
↓

QB+3
tuff

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	Regular	8260B	125 ML SEPTUM AMBER GLASS	Ice	yes	
1	↓	8270C	250 ML AMBER GLASS	Ice	↓	
1	↓	AM241+GS+ISOPU+ISOU+SR90	1 LITER POLY	None	↓	Add ISO TH
1	↓	H3	500 ML POLY	Ice	↓	Add TC-99
1	↓	METALS-GEL	125 ML POLY	Ice	↓	
1	↓	Perchlorate+CN+N03+pH	500 ML POLY	Ice	↓	
1	↓	RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	NO	

SAMPLE DESC: light grey tuff

SAMPLE COMMENTS: none

LOCATION DESC: WP LOC #24 Inside trench bottom

FIELD SCREENING/MEASUREMENT RESULTS:

Alpha = 6 dpm
Beta/Gamma = 288 dpm

PID $\frac{\text{Ambient Reading}}{\text{Reading}} = \text{ppm}$ $\frac{0.0}{0.0}$

COLLECTED BY (PRINT) J. Lyons REVIEWED BY (PRINT) J. Alanis

RELINQUISHED BY (Printed Name) <u>Ali Farnell</u> (Signature)	Date/Time 3/21/11 14:00	RECEIVED BY (Printed Name) <u>K. Green</u> (Signature)	Date/Time 3/21/11 2:00
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SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3332

EVENT NAME: Acid Waste Lines & Sump -SWMU 21-011(b) - DPSAA - Delayed Sites

SAMPLE ID: RE21-11-3834

WORK ORDER:

	<u>AS PLANNED</u>	<u>AS COLLECTED</u>		<u>AS PLANNED</u>	<u>AS COLLECTED</u>
DATE COLLECTED(MM/DD/YYYY):		03/21/2011	MEDIA:	ALLH	XAD OK @ Qbt3
TIME COLLECTED (HH:MM)		10:52	SUB-MEDIA:	SOIL	tuff
PRS ID:	21-011(b)	OK	SAMPLE TECH CODE:	HA	5/10/11 OK
LOCATION ID:	21-613819	↓	FIELD QC TYPE:	NA	
LOCATION TYPE:	GENERIC	↓	FIELD PREP:	NA	
TOP DEPTH:	0	XAD 5	SAMPLE USAGE:	INV	↓
BOTTOM DEPTH:	0	6	SCREEN/PORT DESC:	N/A	↓
FIELD MATRIX:	S	R	EXCAVATED: YES/NO/NA	N/A	
COMPOSITE TYPE:	N/A		COMPOSITE TIME INTERVAL:	N/A	WATER FLOWING: YES/NO/NA
BOREHOLE: YES/NO/NA	NO		BOREHOLE DECLINATION:	N/A	BOREHOLE DIRECTION: N/A

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	Regular	8260B	125 ML SEPTUM AMBER GLASS	Ice	Y	
1	↓	8270C	250 ML AMBER GLASS	Ice	↓	
1	↓	AM241+GS+ISOPU+ISOU+SR90	1 LITER POLY	None	↓	Add ISO TH
1	↓	H3	500 ML POLY	Ice	↓	Add Tc 99
1	↓	METALS-GEL	125 ML POLY	Ice	↓	
1	↓	Perchlorate+CN+N03+pH	500 ML POLY	Ice	↓	
1	↓	RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	NO	

SAMPLE DESC: light grey weathered tuff

SAMPLE COMMENTS: None

LOCATION DESC: WP Loc #23 Inside trench bottom

FIELD SCREENING/MEASUREMENT RESULTS:

Alpha = 19 dpm
Beta/Gamma = 742 dpm

PID $\frac{\text{Ambient Reading}}{77.6} = \text{ppm}$ $\frac{0.0}{77.6}$

COLLECTED BY (PRINT) J. Lyons REVIEWED BY (PRINT) S. Alanis

RELINQUISHED BY (Printed Name) J. Fumall (Signature)	Date/Time 3/21/11 14:00	RECEIVED BY (Printed Name) K. G. Zee (Signature)	Date/Time 3/21/11 2:00
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SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3332

EVENT NAME: Acid Waste Lines & Sump -SWMU 21-011(b) - DPSAA - Delayed Sites

SAMPLE ID: RE21-11-3835

WORK ORDER:

	AS PLANNED	AS COLLECTED		AS PLANNED	AS COLLECTED
DATE COLLECTED(MM/DD/YYYY):		03/21/2011	MEDIA:	ALLH	
TIME COLLECTED (HH:MM)		11:17	SUB-MEDIA:	SOIL	
PRS ID:	21-011(b)	OK	SAMPLE TECH CODE:	HA	
LOCATION ID:	21-613819		FIELD QC TYPE:	NA	
LOCATION TYPE:	GENERIC		FIELD PREP:	NA	
TOP DEPTH:	0	7	SAMPLE USAGE:	INV	
BOTTOM DEPTH:	0	8	SCREEN/PORT DESC:	N/A	
FIELD MATRIX:	S	S R	EXCAVATED: YES/NO	NA	
COMPOSITE TYPE:	N/A		COMPOSITE TIME INTERVAL:	N/A	
			WATER FLOWING: YES/NO/NA	NA	
BOREHOLE: YES/NO/NA	NA		BOREHOLE DECLINATION:	N/A	
			BOREHOLE DIRECTION:	N/A	

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	Regular	8260B	125 ML SEPTUM AMBER GLASS	Ice	yes	
1		8270C	250 ML AMBER GLASS	Ice		
1		AM241+GS+ISOPU+ISOU+SR90	1 LITER POLY	None		Add ISO TH
1		H3	500 ML POLY	Ice		Ad TC 99
1		METALS-GEL	125 ML POLY	Ice		
1		Perchlorate+CN+N03+pH	500 ML POLY	Ice		
1		RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	NO	

SAMPLE DESC: Light grey tuff

SAMPLE COMMENTS: None

LOCATION DESC: WP LOC #23 Inside trench bottom

FIELD SCREENING/MEASUREMENT RESULTS:

Alpha = 15 dpm
Beta/Gamma = 511 dpm

PID $\frac{\text{Ambient Reading}}{\text{Reading}} = \text{ppm} \quad \frac{0.0}{0.0}$

COLLECTED BY (PRINT) J. Lyons REVIEWED BY (PRINT) S. Alanis

RELINQUISHED BY	Date/Time	RECEIVED BY	Date/Time
(Printed Name) A. Fairmall	3/21/11	(Printed Name) K. Green	3/21/11
(Signature) <i>A. Fairmall</i>	14:00	(Signature) <i>K. Green</i>	2:00

SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3332

EVENT NAME: Acid Waste Lines & Sump -SWMU 21-011(b) - DPSAA - Delayed Sites

SAMPLE ID: RE21-11-3837

WORK ORDER:

	AS PLANNED	AS COLLECTED	AS PLANNED	AS COLLECTED	
DATE COLLECTED(MM/DD/YYYY):		03/21/2011	MEDIA:	ALLH	
TIME COLLECTED (HH:MM)		11 55	SUB-MEDIA:	SOIL	
PRS ID:	21-011(b)	OK	SAMPLE TECH CODE:	HA	
LOCATION ID:	21-613820	↓	FIELD QC TYPE:	NA	
LOCATION TYPE:	GENERIC	↓	FIELD PREP:	NA	
TOP DEPTH:	0	5/12/11 2 6	SAMPLE USAGE:	INV	
BOTTOM DEPTH:	0	3 7	SCREEN/PORT DESC:	N/A	
FIELD MATRIX:	S	R	EXCAVATED: YES/NO/NA	NO	
COMPOSITE TYPE:	N/A	COMPOSITE TIME INTERVAL:	N/A	WATER FLOWING: YES/NO/NA	
BOREHOLE: YES/NO/NA	NO	BOREHOLE DECLINATION:	N/A	BOREHOLE DIRECTION:	N/A

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	Regular	8260B	125 ML SEPTUM AMBER GLASS	Ice	Yes	
1	↓	8270C	250 ML AMBER GLASS	Ice	↓	
1	↓	AM241+GS+ISOPU+ISOU+SR90	1 LITER POLY	None	↓	Add ISOT#
1	↓	H3	500 ML POLY	Ice	↓	Add TC - 99
1	↓	METALS-GEL	125 ML POLY	Ice	↓	
1	↓	Perchlorate+CN+N03+pH	500 ML POLY	Ice	↓	
1	↓	RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	NO	

SAMPLE DESC: Light grey tuff

FTB RE21-11-3923

SAMPLE COMMENTS: none

LOCATION DESC: WP LOC #22 Inside trench bottom

FIELD SCREENING/MEASUREMENT RESULTS:

Alpha = 27 dpm
Beta/Gamma = 612 dpm

PID $\frac{\text{Ambient Reading}}{\text{Reading}} = \text{ppm}$ $\frac{0.0}{0.0}$

COLLECTED BY (PRINT) J. Lyons

REVIEWED BY (PRINT) S. Alanis

RELINQUISHED BY (Printed Name) <u>Al. Furness</u> (Signature) <u>[Signature]</u>	Date/Time <u>3/21/11</u> <u>14:00</u>	RECEIVED BY (Printed Name) <u>K. G. ...</u> (Signature) <u>[Signature]</u>	Date/Time <u>3/21/11</u> <u>2:00</u>
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SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3332

EVENT NAME: Acid Waste Lines & Sump -SWMU 21-011(b) - DPSAA - Delayed Sites

SAMPLE ID: RE21-11-3839

WORK ORDER:

	AS PLANNED	AS COLLECTED		AS PLANNED	AS COLLECTED
DATE COLLECTED(MM/DD/YYYY):		03/22/2011	MEDIA:	ALLH	Qbtz
TIME COLLECTED (HH:MM)		0932	SUB-MEDIA:	SOIL	tuff
PRS ID:	21-011(b)	OK	SAMPLE TECH CODE:	HA	OK
LOCATION ID:	21-613821	↓	FIELD QC TYPE:	NA	↓
LOCATION TYPE:	GENERIC	↓	FIELD PREP:	NA	↓
TOP DEPTH:	0	6	SAMPLE USAGE:	INV	↓
BOTTOM DEPTH:	0	7	SCREEN/PORT DESC:	N/A	
FIELD MATRIX:	S	R	EXCAVATED: YES/NO/NA	NO	
COMPOSITE TYPE:	N/A		COMPOSITE TIME INTERVAL:	N/A	WATER FLOWING: YES/NO/NA
BOREHOLE: YES/NO/NA	NO		BOREHOLE DECLINATION:	N/A	BOREHOLE DIRECTION:
				N/A	N/A

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	Regular	8260B	125 ML SEPTUM AMBER GLASS	Ice	Yes	
1	↓	8270C	250 ML AMBER GLASS	Ice	↓	
1	↓	AM241+GS+ISOPU+ISOU+SR90	1 LITER POLY	None	↓	Add ISO TH
1	↓	H3	500 ML POLY	Ice	↓	Add Tc 99
1	↓	METALS-GEL	125 ML POLY	Ice	↓	Add (S)
1	↓	Perchlorate+CN+N03+pH	500 ML POLY	Ice	↓	
1	↓	RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	NO	

SAMPLE DESC: grey tuff

SAMPLE COMMENTS: none

LOCATION DESC: w/ Location # 21

FIELD SCREENING/MEASUREMENT RESULTS:

Alpha = 14 dpm
Beta/Gamma = 914 dpm

PID $\frac{\text{Ambient Reading}}{\text{Reading}} = \text{ppm}$ $\frac{0.0}{0.0}$

COLLECTED BY (PRINT) J. Lyons

REVIEWED BY (PRINT) S. Alanis

RELINQUISHED BY	Date/Time	RECEIVED BY	Date/Time
(Printed Name) <u>Ali Fumell</u>	<u>3/23/11</u>	(Printed Name) <u>Alissa M...</u>	<u>3/23/11</u>
(Signature) <u>Ali Fumell</u>	<u>8:33</u>	(Signature) <u>[Signature]</u>	<u>8:33</u>

SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3332

EVENT NAME: Acid Waste Lines & Sump -SWMU 21-011(b) - DPSAA - Delayed Sites

SAMPLE ID: RE21-11-3841

WORK ORDER:

	<u>AS PLANNED</u>	<u>AS COLLECTED</u>		<u>AS PLANNED</u>	<u>AS COLLECTED</u>
DATE COLLECTED(MM/DD/YYYY):		03/22/2011	MEDIA:	ALLH	QB+3
TIME COLLECTED (HH:MM)		1008	SUB-MEDIA:	SOIL	tuff
PRS ID:	21-011(b)	OK	SAMPLE TECH CODE:	HA	OK
LOCATION ID:	21-613822	↓	FIELD QC TYPE:	NA	↓
LOCATION TYPE:	GENERIC	↓	FIELD PREP:	NA	↓
TOP DEPTH:	0	KAD 2 6	SAMPLE USAGE:	INV	↓
BOTTOM DEPTH:	0	50" 8 7	SCREEN/PORT DESC:	N/A	
FIELD MATRIX:	S	R	EXCAVATED: YES/NO/NA	<input checked="" type="radio"/> NA	
COMPOSITE TYPE:	N/A		COMPOSITE TIME INTERVAL:	N/A	WATER FLOWING: YES/NO/NA
BOREHOLE: YES/NO/NA	<input checked="" type="radio"/> NA		BOREHOLE DECLINATION:	N/A	BOREHOLE DIRECTION: N/A

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	Regular	8260B	125 ML SEPTUM AMBER GLASS	Ice	yes	
1	↓	8270C	250 ML AMBER GLASS	Ice	↓	
1	↓	AM241+GS+ISOPU+ISOU+SR90	1 LITER POLY	None	↓	Add ISOTH
1	↓	H3	500 ML POLY	Ice	↓	Add TC 99
1	↓	METALS-GEL	125 ML POLY	Ice	↓	
1	↓	Perchlorate+CN+N03+pH	500 ML POLY	Ice	↓	
1	↓	RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	NO	

SAMPLE DESC: grey tuff

SAMPLE COMMENTS: none

LOCATION DESC: WP Location #20

FIELD SCREENING/MEASUREMENT RESULTS:

Alpha = $\frac{14}{\text{dpm}}$
 Beta/Gamma = $\frac{610}{\text{dpm}}$

PID $\frac{\text{Ambient Reading}}{\text{Reading}} = \text{ppm}$ $\frac{0.0}{0.0}$

COLLECTED BY (PRINT) J. Lyons REVIEWED BY (PRINT) S. Alanis

RELINQUISHED BY	Date/Time	RECEIVED BY	Date/Time
(Printed Name) <u>Ali Furrall</u>	<u>3/23/11</u>	(Printed Name) <u>Ali Furrall</u>	<u>3/23/11</u>
(Signature) <u>Ali Furrall</u>	<u>8:33</u>	(Signature) <u>Ali Furrall</u>	<u>8:33</u>

SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3332

EVENT NAME: Acid Waste Lines & Sump -SWMU 21-011(b) - DPSAA - Delayed Sites

SAMPLE ID: RE21-11-3843

WORK ORDER:

	AS PLANNED	AS COLLECTED	AS PLANNED	AS COLLECTED
DATE COLLECTED(MM/DD/YYYY):		<u>03/22/2011</u>	MEDIA: ALLH	<u>Q6+3</u>
TIME COLLECTED (HH:MM)		<u>1110</u>	SUB-MEDIA: SOIL	<u>tuff</u>
PRS ID: 21-011(b)		<u>OK</u>	SAMPLE TECH CODE: HA	<u>OK</u>
LOCATION ID: 21-613823		↓	FIELD QC TYPE: NA	↓
LOCATION TYPE: GENERIC		↓	FIELD PREP: NA	↓
TOP DEPTH: 0		<u>KAB</u> <u>5/13/11</u> <u>2 6</u>	SAMPLE USAGE: INV	↓
BOTTOM DEPTH: 0		<u>8 7</u>	SCREEN/PORT DESC: <u>N/A</u>	
FIELD MATRIX: S		<u>R</u>	EXCAVATED: YES/NO/NA	
COMPOSITE TYPE: <u>N/A</u>		COMPOSITE TIME INTERVAL: <u>N/A</u>	WATER FLOWING: YES/NO/NA	
BOREHOLE: YES/NO/NA		BOREHOLE DECLINATION: <u>N/A</u>	BOREHOLE DIRECTION: <u>N/A</u>	

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	<u>Regular</u>	8260B	125 ML SEPTUM AMBER GLASS	Ice	<u>YES</u>	
1	↓	8270C	250 ML AMBER GLASS	Ice	↓	
1	↓	AM241+GS+ISOPU+ISOU+SR90	1 LITER POLY	None	↓	<u>Add ISOTH</u>
1	↓	H3	500 ML POLY	Ice	↓	<u>Add Tc 99</u>
1	↓	METALS-GEL	125 ML POLY	Ice	↓	
1	↓	Perchlorate+CN+N03+pH	500 ML POLY	Ice	↓	
1		RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	<u>NO</u>	

SAMPLE DESC: gray tuff

SAMPLE COMMENTS: none

LOCATION DESC: WP Location #19

FIELD SCREENING/MEASUREMENT RESULTS:

Alpha = 28 dpm
Beta/Gamma = 610 dpm

PID $\frac{\text{Ambient Reading}}{\text{Reading}} = \text{ppm} \quad \frac{0.0}{0.0}$

COLLECTED BY (PRINT) J. Lyons

REVIEWED BY (PRINT) S. Alanis

RELINQUISHED BY	Date/Time	RECEIVED BY	Date/Time
(Printed Name) <u>Ali Fumalli</u>	<u>3/22/11</u>	(Printed Name) <u>M. Lopez Montoya</u>	<u>3/22/11</u>
(Signature) <u>Ali Fumalli</u>	<u>8:23</u>	(Signature) <u>M. Lopez</u>	<u>8:33</u>

SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3332

EVENT NAME: Acid Waste Lines & Sump -SWMU 21-011(b) - DPSAA - Delayed Sites

SAMPLE ID: RE21-11-3845

WORK ORDER:

	<u>AS PLANNED</u>	<u>AS COLLECTED</u>		<u>AS PLANNED</u>	<u>AS COLLECTED</u>
DATE COLLECTED(MM/DD/YYYY):		03/22/2011	MEDIA:	ALLH	Qb+3
TIME COLLECTED (HH:MM)		1153	SUB-MEDIA:	SOIL	tuff
PRS ID:	21-011(b)	OK	SAMPLE TECH CODE:	HA	OK
LOCATION ID:	21-613824	↓	FIELD QC TYPE:	NA	↓
LOCATION TYPE:	GENERIC	↓	FIELD PREP:	NA	↓
TOP DEPTH:	0	KAD 2 6	SAMPLE USAGE:	INV	↓
BOTTOM DEPTH:	0	5/3/11 3 7	SCREEN/PORT DESC:	N/A	
FIELD MATRIX:	S	R	EXCAVATED: YES/NO	NA	
COMPOSITE TYPE:	N/A		COMPOSITE TIME INTERVAL:	N/A	WATER FLOWING: YES/NO NA
BOREHOLE: YES/NO/NA	NO/NA		BOREHOLE DECLINATION:	N/A	BOREHOLE DIRECTION: N/A

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	Regular	8260B	125 ML SEPTUM AMBER GLASS	Ice	Yes	
1	↓	8270C	250 ML AMBER GLASS	Ice	↓	
1	↓	AM241+GS+ISOPU+ISOU+SR90	1 LITER POLY	None	↓	Add ISO TH
1	↓	H3	500 ML POLY	Ice	↓	Add TC 99
1	↓	METALS-GEL	125 ML POLY	Ice	↓	
1	↓	Perchlorate+CN+N03+pH	500 ML POLY	Ice	↓	
1	↓	RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	NO	

SAMPLE DESC: grey tuff

SAMPLE COMMENTS: none

LOCATION DESC: WP Location #18

FIELD SCREENING/MEASUREMENT RESULTS:

Alpha = 0 dpm
Beta/Gamma = 1219 dpm

PID $\frac{\text{Ambient Reading}}{\text{Reading}} = \text{ppm} \quad \frac{0.0}{0.0}$

COLLECTED BY (PRINT) REVA R J. Lyons REVIEWED BY (PRINT) S. Alanis

RELINQUISHED BY (Printed Name) <u>Ali Fumall</u> (Signature) <u>Ali Fumall</u>	Date/Time 3/23/11 8:33	RECEIVED BY (Printed Name) <u>Alisa Math</u> (Signature) <u>Alisa Math</u>	Date/Time 3/23/11 8:33
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SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3332

EVENT NAME: Acid Waste Lines & Sump -SWMU 21-011(b) - DPSAA - Delayed Sites

SAMPLE ID: RE21-11-3847

WORK ORDER:

	AS PLANNED	AS COLLECTED		AS PLANNED	AS COLLECTED
DATE COLLECTED(MM/DD/YYYY):		<u>03/22/2011</u>	MEDIA:	<u>ALLH</u>	<u>Qbtz</u>
TIME COLLECTED (HH:MM)		<u>14 24</u>	SUB-MEDIA:	<u>SOIL</u>	<u>tuff</u>
PRS ID: 21-011(b)		<u>OK</u>	SAMPLE TECH CODE: HA		<u>OK</u>
LOCATION ID: 21-613825		↓	FIELD QC TYPE: NA		↓
LOCATION TYPE: GENERIC		↓	FIELD PREP: NA		↓
TOP DEPTH: 0		<u>KAD 2 6</u>	SAMPLE USAGE: INV		↓
BOTTOM DEPTH: 0		<u>5/13/8 7</u>	SCREEN/PORT DESC:	<u>NIA</u>	
FIELD MATRIX: S		<u>R</u>	EXCAVATED: YES <input checked="" type="checkbox"/> / NA		
COMPOSITE TYPE: <u>NIA</u>		COMPOSITE TIME INTERVAL: <u>NIA</u>		WATER FLOWING: YES <input checked="" type="checkbox"/> / NA	
BOREHOLE: YES <input checked="" type="checkbox"/> / NA		BOREHOLE DECLINATION: <u>NIA</u>		BOREHOLE DIRECTION: <u>NIA</u>	

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	<u>Regular</u>	8260B	125 ML SEPTUM AMBER GLASS	Ice	<u>Yes</u>	
1	↓	8270C	250 ML AMBER GLASS	Ice	↓	
1	↓	AM241+GS+ISOPU+ISOU+SR90	1 LITER POLY	None	↓	<u>Add ISO TH</u>
1	↓	H3	500 ML POLY	Ice	↓	<u>Add Tc 99</u>
1	↓	METALS-GEL	125 ML POLY	Ice	↓	
1	↓	Perchlorate+CN+N03+pH	500 ML POLY	Ice	↓	
1	↓	RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	<u>No</u>	

SAMPLE DESC: grey tuff

SAMPLE COMMENTS: None

LOCATION DESC: WP Location # 17

FIELD SCREENING/MEASUREMENT RESULTS:

Alpha = 28 dpm
Beta/Gamma = 610 dpm

PID $\frac{\text{Ambient Reading}}{\text{Reading}} = \text{ppm}$ $\frac{0.0}{0.0}$

COLLECTED BY (PRINT) R. Evans

REVIEWED BY (PRINT) S. Alanis

RELINQUISHED BY	Date/Time	RECEIVED BY	Date/Time
(Printed Name) <u>Ali Fumall</u>	<u>3/23/11</u>	(Printed Name) <u>Ali Fumall</u>	<u>3/23/11</u>
(Signature) <u>Ali Fumall</u>	<u>8:33</u>	(Signature) <u>Ali Fumall</u>	<u>833</u>

SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3332

EVENT NAME: Acid Waste Lines & Sump -SWMU 21-011(b) - DPSAA - Delayed Sites

SAMPLE ID: RE21-11-3849

WORK ORDER:

	<u>AS PLANNED</u>	<u>AS COLLECTED</u>		<u>AS PLANNED</u>	<u>AS COLLECTED</u>
DATE COLLECTED(MM/DD/YYYY):		03/22/2011	MEDIA:	ALLH	QB+3
TIME COLLECTED (HH:MM)		1447	SUB-MEDIA:	SOIL	tuff
PRS ID:	21-011(b)	OK	SAMPLE TECH CODE:	HA	OK
LOCATION ID:	21-613826	↓	FIELD QC TYPE:	NA	↓
LOCATION TYPE:	GENERIC	↓	FIELD PREP:	NA	↓
TOP DEPTH:	0	2	SAMPLE USAGE:	INV	↓
BOTTOM DEPTH:	0	3	SCREEN/PORT DESC:	NA	↓
FIELD MATRIX:	S	R	EXCAVATED: YES/NO/NA	NO	NA
COMPOSITE TYPE:	N/A		COMPOSITE TIME INTERVAL:	N/A	WATER FLOWING: YES/NO/NA
BOREHOLE: YES/NO/NA	NO		BOREHOLE DECLINATION:	N/A	BOREHOLE DIRECTION:
				N/A	

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	Regular	8260B	125 ML SEPTUM AMBER GLASS	Ice	yes	
1	↓	8270C	250 ML AMBER GLASS	Ice	↓	
1	↓	AM241+GS+ISOPU+ISOU+SR90	1 LITER POLY	None	↓	add ISO TH
1	↓	H3	500 ML POLY	Ice	↓	add TC 99
1	↓	METALS-GEL	125 ML POLY	Ice	↓	
1	↓	Perchlorate+CN+N03+pH	500 ML POLY	Ice	↓	
1	↓	RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	NO	

SAMPLE DESC: grey tuff

SAMPLE COMMENTS: none

LOCATION DESC: WP location #16

FIELD SCREENING/MEASUREMENT RESULTS:

Alpha = 28 dpm
Beta/Gamma = 610 dpm

PID $\frac{\text{Ambient Reading}}{\text{Reading}} = \text{ppm}$ $\frac{0.0}{0.0}$

COLLECTED BY (PRINT) R. Evans

REVIEWED BY (PRINT) S. Alanis

RELINQUISHED BY (Printed Name) <u>Ali Furrnell</u> (Signature) <u>Ali Furrnell</u>	Date/Time <u>3/22/11</u> <u>8:33</u>	RECEIVED BY (Printed Name) <u>Alissa Martin</u> (Signature) <u>[Signature]</u>	Date/Time <u>3/23/11</u> <u>8:37</u>
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SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3332

EVENT NAME: Acid Waste Lines & Sump -SWMU 21-011(b) - DPSAA - Delayed Sites

SAMPLE ID: RE21-11-3850

WORK ORDER:

	AS PLANNED	AS COLLECTED		AS PLANNED	AS COLLECTED
DATE COLLECTED(MM/DD/YYYY):		03/22/2011	MEDIA:	ALLH	OK
TIME COLLECTED (HH:MM)		1453	SUB-MEDIA:	SOIL	
PRS ID:	21-011(b)	OK	SAMPLE TECH CODE:	HA	
LOCATION ID:	21-613827	↓	FIELD QC TYPE:	NA	
LOCATION TYPE:	GENERIC	↓	FIELD PREP:	NA	
TOP DEPTH:	0	0	SAMPLE USAGE:	INV	↓
BOTTOM DEPTH:	0	1	SCREEN/PORT DESC:	N/A	
FIELD MATRIX:	S	S	EXCAVATED: YES/NO/NA	NO	
COMPOSITE TYPE:	N/A		COMPOSITE TIME INTERVAL:	N/A	WATER FLOWING: YES/NO/NA
BOREHOLE: YES/NO/NA	NO		BOREHOLE DECLINATION:	N/A	BOREHOLE DIRECTION: N/A

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	Regular	8260B	125 ML SEPTUM AMBER GLASS	Ice	Yes	
1		8270C	250 ML AMBER GLASS	Ice	↓	
1		AM241+GS+ISOPU+ISOU+SR90	1 LITER POLY	None	↓	Add ISO TH
1		H3	500 ML POLY	Ice	↓	Add TC 99
1		METALS-GEL	125 ML POLY	Ice	↓	
1		Perchlorate+CN+N03+pH	500 ML POLY	Ice	↓	
1		RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	NO	

SAMPLE DESC: light brown soil

SAMPLE COMMENTS: none FR RE21-11-3932 ^{5/13/11} ac

LOCATION DESC: WP Location # 15

FIELD SCREENING/MEASUREMENT RESULTS:
 Alpha = 0 dpm PID $\frac{\text{Ambient Reading}}{\text{Reading}} = \text{ppm}$ $\frac{0.0}{0.0}$
 Beta/Gamma = 305 dpm

COLLECTED BY (PRINT) R. Evans REVIEWED BY (PRINT) S. Alanis

RELINQUISHED BY (Printed Name) <u>Ali Fumall</u> (Signature) <u>Ali Fumall</u>	Date/Time 3/22/11 8:33	RECEIVED BY (Printed Name) <u>Melissa M...</u> (Signature) <u>Melissa M...</u>	Date/Time 3/23/11 8:33
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SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3332

EVENT NAME: Acid Waste Lines & Sump -SWMU 21-011(b) - DPSAA - Delayed Sites

SAMPLE ID: RE21-11-3851

WORK ORDER:

	<u>AS PLANNED</u>	<u>AS COLLECTED</u>		<u>AS PLANNED</u>	<u>AS COLLECTED</u>
DATE COLLECTED(MM/DD/YYYY):		03/22/2011	MEDIA:	ALLH	OK
TIME COLLECTED (HH:MM)		1508	SUB-MEDIA:	SOIL	
PRS ID: 21-011(b)		OK	SAMPLE TECH CODE: HA		
LOCATION ID: 21-613827		↓	FIELD QC TYPE: NA		
LOCATION TYPE: <u>GENERIC</u>		↓	FIELD PREP: NA		
TOP DEPTH: 0		2 6.5' (sh)	SAMPLE USAGE: INV		↓
BOTTOM DEPTH: 0		3 7.5' (sh)	SCREEN/PORT DESC:	N/A	
FIELD MATRIX: S		S	EXCAVATED: YES/NO/NA	(X) NA	
COMPOSITE TYPE: N/A			COMPOSITE TIME INTERVAL: N/A		WATER FLOWING: YES (X) NO/NA
BOREHOLE: YES/NO/NA	(X) NA		BOREHOLE DECLINATION: N/A		BOREHOLE DIRECTION: N/A

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	Regular	8260B	125 ML SEPTUM AMBER GLASS	Ice	yes	
1		8270C	250 ML AMBER GLASS	Ice	↓	
1		AM241+GS+ISOPU+ISOU+SR90	1 LITER POLY	None	↓	Add ISO TH
1		H3	500 ML POLY	Ice	↓	Add TC 99
1		METALS-GEL	125 ML POLY	Ice	↓	
1		Perchlorate+CN+N03+pH	500 ML POLY	Ice	↓	
1		RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	NO	

SAMPLE DESC: light brown soil

SAMPLE COMMENTS: none

LOCATION DESC: WP Location # 15

FIELD SCREENING/MEASUREMENT RESULTS:

Alpha = 0 dpm PID $\frac{\text{Ambient Reading}}{\text{Reading}} = \text{ppm} \frac{0.0}{0.0}$

Beta/Gamma = 305 dpm

COLLECTED BY (PRINT) R. Evans REVIEWED BY (PRINT) S. Alanis

RELINQUISHED BY	Date/Time	RECEIVED BY	Date/Time
(Printed Name) Ali Furman	3/22/11	(Printed Name) White Math-	3/23/11
(Signature) <i>Ali Furman</i>	8:33	(Signature) <i>White Math-</i>	8:33

SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3332

EVENT NAME: Acid Waste Lines & Sump -SWMU 21-011(b) - DPSAA - Delayed Sites

SAMPLE ID: RE21-11-3852

WORK ORDER:

	<u>AS PLANNED</u>	<u>AS COLLECTED</u>		<u>AS PLANNED</u>	<u>AS COLLECTED</u>
DATE COLLECTED(MM/DD/YYYY):		04/04/2011	MEDIA:	ALLH	OK
TIME COLLECTED (HH:MM)		0910	SUB-MEDIA:	SOIL	
PRS ID:	21-011(b)	OK	SAMPLE TECH CODE:	HA	
LOCATION ID:	21-613828	↓	FIELD QC TYPE:	NA	
LOCATION TYPE:	<u>GENERIC</u>	↓	FIELD PREP:	NA	
TOP DEPTH:	0	0	SAMPLE USAGE:	INV	↓
BOTTOM DEPTH:	0	5 2/10" / 6 5/10" / 5	SCREEN/PORT DESC:	N/A	
FIELD MATRIX:	S	S	EXCAVATED: YES/NO/NA	NO	
COMPOSITE TYPE:	N/A		COMPOSITE TIME INTERVAL:	N/A	WATER FLOWING: YES/NO/NA
BOREHOLE: YES/NO/NA	NO		BOREHOLE DECLINATION:	N/A	BOREHOLE DIRECTION: N/A

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	Regular	8260B	125 ML SEPTUM AMBER GLASS	Ice	YES	
1		8270C	250 ML AMBER GLASS	Ice	↓	
1		AM241+GS+ISOPU+ISOU+SR90	1 LITER POLY	None	↓	Add ISOTh
1		H3	500 ML POLY	Ice	↓	Add TC 99
1		METALS-GEL	125 ML POLY	Ice	↓	
1		Perchlorate+CN+N03+pH	500 ML POLY	Ice	↓	
1		RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	NO	

SAMPLE DESC: moist brown soil

SAMPLE COMMENTS: Collected under Acid waste line

LOCATION DESC: wp Location # 26

FIELD SCREENING/MEASUREMENT RESULTS:

Alpha = 14 dpm
Beta/Gamma = 610 dpm

PID $\frac{\text{Ambient Reading}}{\text{Reading}} = \text{ppm}$

0.0

0.0

COLLECTED BY (PRINT) J. Lyon

REVIEWED BY (PRINT) S. Alanis

RELINQUISHED BY	Date/Time	RECEIVED BY	Date/Time
(Printed Name) Lourdes Cordova	4/5/11	(Printed Name) Melissa M... (Signature)	4/5/11
(Signature) Lourdes Cordova	10:05	(Signature) [Handwritten Signature]	10:05

SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3332

EVENT NAME: Acid Waste Lines & Sump -SWMU 21-011(b) - DPSAA - Delayed Sites

SAMPLE ID: RE21-11-3853

WORK ORDER:

	AS PLANNED	AS COLLECTED		AS PLANNED	AS COLLECTED
DATE COLLECTED(MM/DD/YYYY):		04/04/2011	MEDIA:	ALLH	OK
TIME COLLECTED (HH:MM)		0949 ⁰⁰	SUB-MEDIA:	SOIL	
PRS ID: 21-011(b)		OK	SAMPLE TECH CODE:	HA	
LOCATION ID: 21-613828		↓	FIELD QC TYPE:	NA	
LOCATION TYPE: GENERIC		↓	FIELD PREP:	NA	
TOP DEPTH: 0		2 7 5/10/11	SAMPLE USAGE:	INV	↓
BOTTOM DEPTH: 0		3 8 1/11	SCREEN/PORT DESC:	N/A	
FIELD MATRIX: S		S	EXCAVATED: YES/NO/NA	NO/NA	
COMPOSITE TYPE: N/A			COMPOSITE TIME INTERVAL: N/A		WATER FLOWING: YES/NO/NA
BOREHOLE: YES/NO/NA			BOREHOLE DECLINATION: N/A		BOREHOLE DIRECTION: N/A

#	PRIORITY	ORDER	CNTR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	Regular	8260B	125 ML SEPTUM AMBER GLASS	Ice	Yes	
1		8270C	250 ML AMBER GLASS	Ice		
1		AM241+GS+ISOPU+ISOU+SR90	1 LITER POLY	None		Add ISO TH
1		H3	500 ML POLY	Ice		Add TO 99
1		METALS-GEL	125 ML POLY	Ice		
1		Perchlorate+CN+N03+pH	500 ML POLY	Ice		
1		RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	NO	

SAMPLE DESC: light brown Soil

SAMPLE COMMENTS: under Acid waste line ^{FD 5/13/11} ~~QC~~ sample RE21-11-391b

LOCATION DESC: WP Location # 26

FIELD SCREENING/MEASUREMENT RESULTS:

Alpha = $\frac{0}{42 \text{ dpm } 5/13/11}$ ^{2e}
 Beta/Gamma = $\frac{610}{915 \text{ dpm } 5/13/11}$ ^{pe}
 PID $\frac{\text{Ambient Reading}}{\text{Reading}} = \text{ppm}$ $\frac{0.0}{0.0}$

COLLECTED BY (PRINT) J. Lyon REVIEWED BY (PRINT) S. Alanis

RELINQUISHED BY	Date/Time	RECEIVED BY	Date/Time
(Printed Name) Lourdes Cordova	4/5/11	(Printed Name) <i>[Signature]</i>	4/5/11
(Signature) <i>[Signature]</i>	10:05	(Signature) <i>[Signature]</i>	10:05

SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3332

EVENT NAME: Acid Waste Lines & Sump -SWMU 21-011(b) - DPSAA - Delayed Sites

SAMPLE ID: RE21-11-3854

WORK ORDER:

	<u>AS PLANNED</u>	<u>AS COLLECTED</u>		<u>AS PLANNED</u>	<u>AS COLLECTED</u>
DATE COLLECTED(MM/DD/YYYY):		<u>04/04/2011</u>	MEDIA:	<u>ALLH</u>	<u>OK</u>
TIME COLLECTED (HH:MM)		<u>1019</u>	SUB-MEDIA:	<u>SOIL</u>	
PRS ID:	<u>21-011(b)</u>	<u>OK</u>	SAMPLE TECH CODE:	<u>HA</u>	
LOCATION ID:	<u>21-613829</u>	<u>↓</u>	FIELD QC TYPE:	<u>NA</u>	
LOCATION TYPE:	<u>GENERIC</u>	<u>↓</u>	FIELD PREP:	<u>NA</u>	
TOP DEPTH:	<u>0</u>	<u>0 5 5 1/2" ft</u>	SAMPLE USAGE:	<u>INV</u>	<u>↓</u>
BOTTOM DEPTH:	<u>0</u>	<u>1 6 1/2" ft</u>	SCREEN/PORT DESC:		
FIELD MATRIX:	<u>S</u>	<u>S</u>	EXCAVATED: YES <input checked="" type="checkbox"/> / NA	<u>N/A</u>	
COMPOSITE TYPE:	<u>N/A</u>		COMPOSITE TIME INTERVAL:	<u>N/A</u>	WATER FLOWING: YES <input checked="" type="checkbox"/> / NA
BOREHOLE: YES <input checked="" type="checkbox"/> / NO / NA			BOREHOLE DECLINATION:	<u>N/A</u>	BOREHOLE DIRECTION: <u>N/A</u>

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	<u>Regular</u>	8260B	125 ML SEPTUM AMBER GLASS	Ice	<u>yes</u>	
1	<u>↓</u>	8270C	250 ML AMBER GLASS	Ice	<u>↓</u>	
1	<u>↓</u>	AM241+GS+ISOPU+ISOU+SR90	1 LITER POLY	None	<u>↓</u>	<u>Add ISO FH</u>
1	<u>↓</u>	H3	500 ML POLY	Ice	<u>↓</u>	<u>Add TC 99</u>
1	<u>↓</u>	METALS-GEL	125 ML POLY	Ice	<u>↓</u>	
1	<u>↓</u>	Perchlorate+CN+N03+pH	500 ML POLY	Ice	<u>↓</u>	
1	<u>↓</u>	RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	<u>N/A</u>	

SAMPLE DESC: light brown soil

SAMPLE COMMENTS: under Acid waste line FTB 5 1/2" w
to sample RE 21-11-3731

LOCATION DESC: w/ Location # 25

FIELD SCREENING/MEASUREMENT RESULTS:

Alpha = 42 dpm

Beta/Gamma = 610 dpm

PID $\frac{\text{Ambient Reading}}{\text{Reading}} = \text{ppm}$ $\frac{0.0}{0.0}$

COLLECTED BY (PRINT) R. Sorensen

REVIEWED BY (PRINT) S. Alanis

RELINQUISHED BY	Date/Time	RECEIVED BY	Date/Time
(Printed Name) <u>Lourdes Cordova</u>	<u>4/5/11</u>	(Printed Name) <u>Michelle Montoya</u>	<u>4/5/11</u>
(Signature) <u>Lourdes Cordova</u>	<u>10:05</u>	(Signature) <u>[Signature]</u>	<u>10:05</u>

SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3332

EVENT NAME: Acid Waste Lines & Sump -SWMU 21-011(b) - DPSAA - Delayed Sites

SAMPLE ID: RE21-11-3855

WORK ORDER:

	AS PLANNED	AS COLLECTED		AS PLANNED	AS COLLECTED
DATE COLLECTED(MM/DD/YYYY):		04/04/2011	MEDIA:	ALLH	Q6T3
TIME COLLECTED (HH:MM)		1037	SUB-MEDIA:	SOIL	Tuff
PRS ID:	21-011(b)	OK	SAMPLE TECH CODE:	HA	OK
LOCATION ID:	21-613829	↓	FIELD QC TYPE:	NA	↓
LOCATION TYPE:	GENERIC	↓	FIELD PREP:	NA	↓
TOP DEPTH:	0	27 5/13/11	SAMPLE USAGE:	INV	↓
BOTTOM DEPTH:	0	28 5/13/11	SCREEN/PORT DESC:	N/A	
FIELD MATRIX:	S	R	EXCAVATED: YES (NO) / NA	(NO) / NA	
COMPOSITE TYPE:	N/A		COMPOSITE TIME INTERVAL:	N/A	WATER FLOWING: YES (NO) / NA
BOREHOLE: YES / (NO) / NA	(NO) / NA		BOREHOLE DECLINATION:	N/A	BOREHOLE DIRECTION: N/A

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	Regular	8260B	125 ML SEPTUM AMBER GLASS	Ice	YES	
1	↓	8270C	250 ML AMBER GLASS	Ice	↓	
1	↓	AM241+GS+ISOPU+ISOU+SR90	1 LITER POLY	None	↓	Add ISO TH
1	↓	H3	500 ML POLY	Ice	↓	Add TC 99
1	↓	METALS-GEL	125 ML POLY	Ice	↓	
1	↓	Perchlorate+CN+N03+pH	500 ML POLY	Ice	↓	
1	↓	RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	NO	

SAMPLE DESC: light gray tuff

SAMPLE COMMENTS: under acid waste line

-QC sample RE21-11-3934
5/13/11

LOCATION DESC: WP Location #25

FIELD SCREENING/MEASUREMENT RESULTS:

Alpha = 141 dpm
Beta/Gamma = 305 dpm

PID $\frac{\text{Ambient Reading}}{\text{Reading}} = \text{ppm}$ $\frac{0.0}{0.0}$

COLLECTED BY (PRINT) J. Lyon

REVIEWED BY (PRINT) S. Alanis

RELINQUISHED BY	Date/Time	RECEIVED BY	Date/Time
(Printed Name) Lourdes Cordova	4/5/11	(Printed Name) S. Alanis	4/5/11
(Signature) Lourdes Cordova	10:05	(Signature)	10:05

SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3332

EVENT NAME: Acid Waste Lines & Sump -SWMU 21-011(b) - DPSAA - Delayed Sites

SAMPLE ID: RE21-11-3868

WORK ORDER:

	AS PLANNED	AS COLLECTED	AS PLANNED	AS COLLECTED
DATE COLLECTED(MM/DD/YYYY):		5/18/2011	MEDIA: ALLH	QBT3
TIME COLLECTED (HH:MM)		14:00	SUB-MEDIA: SOIL	Tuff
PRS ID: 21-011(b)		OK	SAMPLE TECH CODE: HA	OK
LOCATION ID: 21-613836		OK	FIELD QC TYPE: NA	
LOCATION TYPE: <u>GENERIC</u>		OK	FIELD PREP: NA	
TOP DEPTH: 0		10	SAMPLE USAGE: INV	
BOTTOM DEPTH: 0		11	SCREEN/PORT DESC: NA	
FIELD MATRIX: <u>S R</u>		<u>R</u>	EXCAVATED: YES/NO/NA	
COMPOSITE TYPE: <u>NA</u>		COMPOSITE TIME INTERVAL: <u>NA</u>		WATER FLOWING: YES/NO/NA
BOREHOLE: YES/NO/NA		BOREHOLE DECLINATION: <u>NA</u>		BOREHOLE DIRECTION: <u>NA</u>

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	Regular	8260B	125 ML SEPTUM AMBER GLASS	Ice	Yes	
1		8270C	250 ML AMBER GLASS	Ice		
1		AM241+GS+ ISOPU+ISOU+SR 90	1 LITER POLY	None		Add ISOTH
1		H3	500 ML POLY	Ice		Add Tc-99
1		METALS-GEL	125 ML POLY	Ice		
1		Perchlorate+CN+ N03+pH	500 ML POLY	Ice		
1	NA	RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	No	

SAMPLE DESC: QC sample 93 5/18/11
purplish, gray tuff

SAMPLE COMMENTS:
Collected below waste line at 10ft bgs; FD RE21-11-3917

LOCATION DESC:
WP Location 9

FIELD SCREENING/MEASUREMENT RESULTS:
scf Alpha = 2634 dpm
5/19/11 Beta/Gamma = 1491 dpm
112.0

PID $\frac{\text{Ambient Reading}}{\text{Reading}} = \text{ppm } \frac{0}{0}$

COLLECTED BY (PRINT) Glenda S. Fred REVIEWED BY (PRINT) Kim Oman

RELINQUISHED BY (Printed Name) <u>Lourdes Cordova</u> (Signature) <u>Lourdes Cordova</u>	Date/Time <u>5/19/11</u> <u>10:15</u>	RECEIVED BY (Printed Name) <u>L. Bruce</u> (Signature) <u>[Signature]</u>	Date/Time <u>5/19/11</u> <u>10:15</u>
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SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3332

EVENT NAME: Acid Waste Lines & Sump -SWMU 21-011(b) - DPSAA - Delayed Sites

SAMPLE ID: RE21-11-3869

WORK ORDER:

	<u>AS PLANNED</u>	<u>AS COLLECTED</u>		<u>AS PLANNED</u>	<u>AS COLLECTED</u>
DATE COLLECTED(MM/DD/YYYY):		5/18/11	MEDIA:	ALLH	QBT3
TIME COLLECTED (HH:MM)		14:15	SUB-MEDIA:	SOIL	TUFF
PRS ID:	21-011(b)	OK	SAMPLE TECH CODE:	HA	OK
LOCATION ID:	21-613836	OK	FIELD QC TYPE:	NA	↓
LOCATION TYPE:	GENERIC	OK	FIELD PREP:	NA	↓
TOP DEPTH:	0	12	SAMPLE USAGE:	INV	↓
BOTTOM DEPTH:	0	13	SCREEN/PORT DESC:	NA	↓
FIELD MATRIX:	S	R	EXCAVATED: YES/NO/NA	NA	↓
COMPOSITE TYPE:	NA		COMPOSITE TIME INTERVAL:	NA	WATER FLOWING: YES/NO/NA
BOREHOLE: YES/NO/NA	NO/NA		BOREHOLE DECLINATION:	NA	BOREHOLE DIRECTION: NA

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	Regular	8260B	125 ML SEPTUM AMBER GLASS	Ice	Yes	
1	↓	8270C	250 ML AMBER GLASS	Ice	↓	
1	↓	AM241+GS+ISOPU+ISOU+SR90	1 LITER POLY	None	↓	Add ISO TH
1	↓	H3	500 ML POLY	Ice	↓	Add Tc-99
1	↓	METALS-GEL	125 ML POLY	Ice	↓	
1	↓	Perchlorate+CN+N03+pH	500 ML POLY	Ice	↓	
1	NA	RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	No	

SAMPLE DESC: *Purplish-gray ash tuff, slightly moist*

SAMPLE COMMENTS: *None*

LOCATION DESC: *WP Location 9*

FIELD SCREENING/MEASUREMENT RESULTS:
 Alpha = 34 dpm PID $\frac{\text{Ambient Reading}}{\text{Reading}} = \text{ppm } \frac{0}{0}$
 Beta/Gamma = 990 dpm

COLLECTED BY (PRINT) Glenda S. Fred REVIEWED BY (PRINT) Kim Oman

RELINQUISHED BY	Date/Time	RECEIVED BY	Date/Time
(Printed Name) <i>Lourdes Cordova</i>	<i>5/19/11</i>	(Printed Name) <i>Steph Greenwood</i>	<i>5/19/11</i>
(Signature) <i>Lourdes Cordova</i>	<i>10:15</i>	(Signature) <i>Steph Greenwood</i>	<i>1015</i>

SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3332

EVENT NAME: Acid Waste Lines & Sump -SWMU 21-011(b) - DPSAA - Delayed Sites

SAMPLE ID: RE21-11-3870

WORK ORDER:

	AS PLANNED	AS COLLECTED		AS PLANNED	AS COLLECTED
DATE COLLECTED(MM/DD/YYYY):		5/18/2011	MEDIA:	ALLH	QBT3
TIME COLLECTED (HH:MM)		14:54	SUB-MEDIA:	SOIL	TUFF
PRS ID: 21-011(b)		OK	SAMPLE TECH CODE:	HA	OK
LOCATION ID: 21-613837		OK	FIELD QC TYPE:	NA	↓
LOCATION TYPE: GENERIC		OK	FIELD PREP:	NA	↓
TOP DEPTH: 0		10	SAMPLE USAGE:	INV	↓
BOTTOM DEPTH: 0		11	SCREEN/PORT DESC:	NA	
FIELD MATRIX: S		R	EXCAVATED: YES/NO/NA		
COMPOSITE TYPE: NA			COMPOSITE TIME INTERVAL: NA		WATER FLOWING: YES/NO/NA
BOREHOLE: YES/NO/NA			BOREHOLE DECLINATION: NA		BOREHOLE DIRECTION: NA

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	Regular	8260B	125 ML SEPTUM AMBER GLASS	Ice	Yes	
1	↓	8270C	250 ML AMBER GLASS	Ice	↓	
1	↓	AM241+GS+ ISOPU+ISOU+SR 90	1 LITER POLY	None	↓	Add ISO TH
1	↓	H3	500 ML POLY	Ice	↓	Add Tc-99
1	↓	METALS-GEL	125 ML POLY	Ice	↓	
1	↓	Perchlorate+CN+ N03+pH	500 ML POLY	Ice	↓	
1	NA	RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	No	

SAMPLE DESC: *Purplish-gray tuff, slightly moist*

SAMPLE COMMENTS: *Collected ~~bags~~ 5/18/11 below waste line at 10 ft bgs*

LOCATION DESC: *WP Location 10*

FIELD SCREENING/MEASUREMENT RESULTS:

Alpha = 28 dpm
Beta/Gamma = 1090 dpm

PiD $\frac{\text{Ambient Reading}}{\text{Reading}} = \text{ppm} \frac{0}{0}$

COLLECTED BY (PRINT) Glenda S. Fred

REVIEWED BY (PRINT) *Kim Oman*

RELINQUISHED BY (Printed Name) <i>Lourdes Cordova</i> (Signature) <i>Lourdes Cordova</i>	Date/Time 5/19/11 10:15	RECEIVED BY (Printed Name) <i>K. Guzman</i> (Signature) <i>[Signature]</i>	Date/Time 5/19/11 10:15
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SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3332

EVENT NAME: Acid Waste Lines & Sump -SWMU 21-011(b) - DPSAA - Delayed Sites

SAMPLE ID: RE21-11-3871

WORK ORDER:

	AS PLANNED	AS COLLECTED		AS PLANNED	AS COLLECTED
DATE COLLECTED(MM/DD/YYYY):		5/18/2011	MEDIA:	ALLH	QBT3
TIME COLLECTED (HH:MM)		15:19	SUB-MEDIA:	SOIL	TUFF
PRS ID:	21-011(b)	OK	SAMPLE TECH CODE:	HA	OK
LOCATION ID:	21-613837	OK	FIELD QC TYPE:	NA	↓
LOCATION TYPE:	GENERIC	OK	FIELD PREP:	NA	
TOP DEPTH:	0	12	SAMPLE USAGE:	INV	
BOTTOM DEPTH:	0	13	SCREEN/PORT DESC:	NA	
FIELD MATRIX:	S	R	EXCAVATED: YES <input checked="" type="radio"/> NO <input type="radio"/> NA		
COMPOSITE TYPE:	NA		COMPOSITE TIME INTERVAL:	NA	
			WATER FLOWING: YES <input type="radio"/> NO <input checked="" type="radio"/> NA		
BOREHOLE: YES <input checked="" type="radio"/> NO <input type="radio"/> NA		BOREHOLE DECLINATION: NA		BOREHOLE DIRECTION: NA	

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	Regular	8260B	125 ML SEPTUM AMBER GLASS	Ice	Yes	
1	↓	8270C	250 ML AMBER GLASS	Ice	↓	
1		AM241+GS+ISOPU+ISOU+SR90	1 LITER POLY	None		Add ISO TH
1		H3	500 ML POLY	Ice		Add Tc-99
1		METALS-GEL	125 ML POLY	Ice		
1		Perchlorate+CN+N03+pH	500 ML POLY	Ice		
1		NA	RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG		None

SAMPLE DESC: 5/18/11 Purplish-gray ash tuff, slightly moist

SAMPLE COMMENTS: None

LOCATION DESC: WP Location 10

FIELD SCREENING/MEASUREMENT RESULTS:

Alpha = 28 dpm
Beta/Gamma = 960 dpm

PID $\frac{\text{Ambient Reading}}{\text{Reading}} = \text{ppm} \frac{0}{0}$

COLLECTED BY (PRINT) Glenda S. Fred

REVIEWED BY (PRINT) Kim Oman

RELINQUISHED BY	Date/Time	RECEIVED BY	Date/Time
(Printed Name) <u>Louides Cordova</u>	<u>5/19/11</u>	(Printed Name) <u>K. G. ...</u>	<u>5/19/11</u>
(Signature) <u>Louides Cordova</u>	<u>10:15</u>	(Signature) <u>[Signature]</u>	<u>10:15</u>

SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3332

EVENT NAME: Acid Waste Lines & Sump -SWMU 21-011(b) - DPSAA - Delayed Sites

SAMPLE ID: RE21-11-3872

WORK ORDER:

	AS PLANNED	AS COLLECTED		AS PLANNED	AS COLLECTED	
DATE COLLECTED(MM/DD/YYYY):		05/24/2011	MEDIA:	ALLH	OK ↓	
TIME COLLECTED (HH:MM)		15:20	SUB-MEDIA:	SOIL		
PRS ID:	21-011(b)	OK	SAMPLE TECH CODE:	HA		
LOCATION ID:	21-613838	OK	FIELD QC TYPE:	NA		
LOCATION TYPE:	GENERIC	OK	FIELD PREP:	NA		
TOP DEPTH:	0	7	SAMPLE USAGE:	INV		
BOTTOM DEPTH:	0	8	SCREEN/PORT DESC:	N/A		
FIELD MATRIX:	S	OK	EXCAVATED: YES/NO/NA	NO		
COMPOSITE TYPE:	N/A		COMPOSITE TIME INTERVAL:	N/A		WATER FLOWING: YES/NO/NA
BOREHOLE: YES/NO/NA	NO		BOREHOLE DECLINATION:	N/A		BOREHOLE DIRECTION:
				N/A		

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	Req	8260B	125 ML SEPTUM AMBER GLASS	Ice	Y	
1		8270C	250 ML AMBER GLASS	Ice	Y	
1		AM241+GS+ISOPU+ISOU+SR90	1 LITER POLY	None	Y	Add FSU TH
1		H3	500 ML POLY	Ice	Y	Add TC 99
1		METALS-GEL	125 ML POLY	Ice	Y	
1		Perchlorate+CN+N03+pH	500 ML POLY	Ice	Y	
1		RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	N	

SAMPLE DESC: light to Dark Brown Soil, slightly moist, loose, with some rocks present in the mixture.

SAMPLE COMMENTS:

Under Acid Waste line (6in-cl pipe) @ the EAST end of the line @ man Hole 21-221.

LOCATION DESC:

WP location 21-011B-11

FIELD SCREENING/MEASUREMENT RESULTS:

Alpha = 77 dpm
Beta/Gamma = 840 dpm

PID $\frac{\text{Ambient Reading}}{\text{Reading}} = \frac{0.0}{0.0} \text{ ppm}$

COLLECTED BY (PRINT) Lacey A. Lopez

REVIEWED BY (PRINT) S. Alanis

RELINQUISHED BY	Date/Time	RECEIVED BY	Date/Time
(Printed Name) <u>A. Furnell</u>	<u>5/25/11</u>	(Printed Name) <u>Sherrin Sherwood</u>	<u>5/25/11</u>
(Signature) <u>[Signature]</u>	<u>9:48</u>	(Signature) <u>[Signature]</u>	<u>9:48</u>

SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3332

EVENT NAME: Acid Waste Lines & Sump -SWMU 21-011(b) - DPSAA - Delayed Sites

SAMPLE ID: RE21-11-3873

WORK ORDER:

	<u>AS PLANNED</u>	<u>AS COLLECTED</u>		<u>AS PLANNED</u>	<u>AS COLLECTED</u>
DATE COLLECTED(MM/DD/YYYY):		05/24/2011	MEDIA:	ALLH	OK
TIME COLLECTED (HH:MM)		15:38	SUB-MEDIA:	SOIL	↓
PRS ID:	21-011(b)	OK	SAMPLE TECH CODE:	HA	↓
LOCATION ID:	21-613838	OK	FIELD QC TYPE:	NA	↓
LOCATION TYPE:	GENERIC	OK	FIELD PREP:	NA	↓
TOP DEPTH:	0	KAOH 5/25/11 9	SAMPLE USAGE:	INV	↓
BOTTOM DEPTH:	0	10	SCREEN/PORT DESC:	N/A	↓
FIELD MATRIX:	S	OK	EXCAVATED: YES (NO) / NA	N/A	↓
COMPOSITE TYPE:	N/A		COMPOSITE TIME INTERVAL:	N/A	
			WATER FLOWING: YES (NO) / NA	(NO) NA	
BOREHOLE: YES (NO) / NA	(NO) NA		BOREHOLE DECLINATION:	N/A	
			BOREHOLE DIRECTION:	N/A	

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	Reg	8260B	125 ML SEPTUM AMBER GLASS	Ice	Y	
1	↓	8270C	250 ML AMBER GLASS	Ice	Y	
1	↓	AM241+GS+ISOPU+ISOU+SR90	1 LITER POLY	None	Y	Add F50 TH
1	↓	H3	500 ML POLY	Ice	Y	Add TC 99
1	↓	METALS-GEL	125 ML POLY	Ice	Y	
1	↓	Perchlorate+CN+N03+pH	500 ML POLY	Ice	Y	
1	↓	RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	N	

SAMPLE DESC: *light/Dark Brown soil, slightly moist, loose, with some rocks + pebbles in the mixture.*

SAMPLE COMMENTS: *Under acid waste line (air-cl pipe) @ the east end of the line @ manhole 21-221.*

LOCATION DESC: *WP location 21-011B-11*

FIELD SCREENING/MEASUREMENT RESULTS:
 Alpha = 77 dpm PID $\frac{\text{Ambient } 0.0}{\text{Reading } 0.0}$ ppm
 Beta/Gamma = 700 dpm

COLLECTED BY (PRINT) Lesley A. Lopez REVIEWED BY (PRINT) S Alanis

RELINQUISHED BY	Date/Time	RECEIVED BY	Date/Time
(Printed Name) <u>A. Furnall</u>	<u>5/25/11</u>	(Printed Name) <u>Sherrill S. Woodward</u>	<u>5/25/11</u>
(Signature) <i>A. Furnall</i>	<u>9:48</u>	(Signature) <i>Sherrill S. Woodward</i>	<u>9:48</u>

SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3332

EVENT NAME: Acid Waste Lines & Sump -SWMU 21-011(b) - DPSAA - Delayed Sites

SAMPLE ID: RE21-11-3874

WORK ORDER:

	<u>AS PLANNED</u>	<u>AS COLLECTED</u>	<u>AS PLANNED</u>	<u>AS COLLECTED</u>
DATE COLLECTED(MM/DD/YYYY):		05/26/2011	MEDIA: ALLH	OK
TIME COLLECTED (HH:MM)		11:30	SUB-MEDIA: SOIL	↓
PRS ID: 21-011(b)		OK	SAMPLE TECH CODE: HA	
LOCATION ID: 21-613839		OK	FIELD QC TYPE: NA	
LOCATION TYPE: GENERIC		OK	FIELD PREP: NA	
TOP DEPTH: 0		5	SAMPLE USAGE: INV	
BOTTOM DEPTH: 0		6	SCREEN/PORT DESC: N/A	
FIELD MATRIX: S		OK	EXCAVATED: YES <input checked="" type="radio"/> NO <input type="radio"/> NA	
COMPOSITE TYPE: N/A			COMPOSITE TIME INTERVAL: N/A	
BOREHOLE: YES <input checked="" type="radio"/> NO <input type="radio"/> NA			BOREHOLE DECLINATION: N/A	BOREHOLE DIRECTION: N/A

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	Regular	8260B	125 ML SEPTUM AMBER GLASS	Ice	Y	
1	↓	8270C	250 ML AMBER GLASS	Ice	Y	
1		AM241+GS+ISOPU+ISOU+SR90	1 LITER POLY	None	Y	Add ISO TH
1		H3	500 ML POLY	Ice	Y	Add TC 99
1		METALS-GEL	125 ML POLY	Ice	Y	
1		Perchlorate+CN+N03+pH	500 ML POLY	Ice	Y	
1		RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	No	

SAMPLE DESC: Brownish dirt fill with rocks + pebbles present in the mixture, with some tuff present, slightly moist, loose

SAMPLE COMMENTS: Duplicates collected with this sample [RE21-11-3918.] under 2" in steel/iron pipe, halfway between locations 4+6 approximately 29 ft from location 4.

LOCATION DESC: WP Location #6 21-011(b) - 6 FTB RE21-11-3929

FIELD SCREENING/MEASUREMENT RESULTS:

Alpha = 46 dpm
Beta/Gamma = 560 dpm

PID $\frac{\text{Ambient Reading}}{0.0} = \frac{0.0}{0.0}$ ppm

COLLECTED BY (PRINT) LARRY A. LOPEZ

REVIEWED BY (PRINT) S. Alquis

RELINQUISHED BY	Date/Time	RECEIVED BY	Date/Time
(Printed Name) A. Fumall	5/26/11	(Printed Name) STEPHEN SHERWOOD	5/26/11
(Signature) <i>A. Fumall</i>	11:45	(Signature) <i>Stephen Sherwood</i>	1145

SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3332

EVENT NAME: Acid Waste Lines & Sump -SWMU 21-011(b) - DPSAA - Delayed Sites

SAMPLE ID: RE21-11-3875

WORK ORDER:

	<u>AS PLANNED</u>	<u>AS COLLECTED</u>		<u>AS PLANNED</u>	<u>AS COLLECTED</u>
DATE COLLECTED(MM/DD/YYYY):		<u>05/25/2001</u>	MEDIA:	<u>ALLH</u>	<u>QBT 3</u>
TIME COLLECTED (HH:MM)		<u>11:50</u>	SUB-MEDIA:	<u>SOIL</u>	<u>TUFF</u>
PRS ID:	<u>21-011(b)</u>	<u>OK</u>	SAMPLE TECH CODE:	<u>HA</u>	<u>OK</u>
LOCATION ID:	<u>21-613839</u>	<u>OK</u>	FIELD QC TYPE:	<u>NA</u>	<u> </u>
LOCATION TYPE:	<u>GENERIC</u>	<u>OK</u>	FIELD PREP:	<u>NA</u>	<u> </u>
TOP DEPTH:	<u>0</u>	<u>7</u>	SAMPLE USAGE:	<u>INV</u>	<u>↓</u>
BOTTOM DEPTH:	<u>0</u>	<u>8</u>	SCREEN/PORT DESC:	<u>N/A</u>	<u> </u>
FIELD MATRIX:	<u>S</u>	<u>R</u>	EXCAVATED: YES/NO/NA	<u>NO</u>	<u> </u>
COMPOSITE TYPE:	<u>N/A</u>	COMPOSITE TIME INTERVAL:	<u>N/A</u>	WATER FLOWING: YES/NO/NA	<u>NO</u>
BOREHOLE: YES/NO/NA	<u>NO</u>	BOREHOLE DECLINATION:	<u>N/A</u>	BOREHOLE DIRECTION:	<u>N/A</u>

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	<u>Regular</u>	8260B	125 ML SEPTUM AMBER GLASS	Ice	<u>Y</u>	
1	<u> </u>	8270C	250 ML AMBER GLASS	Ice	<u>Y</u>	
1	<u> </u>	AM241+GS+ISOPU+ISOU+SR90	1 LITER POLY	None	<u>Y</u>	<u>Add ISO TH</u>
1	<u> </u>	H3	500 ML POLY	Ice	<u>Y</u>	<u>Add TC-99</u>
1	<u> </u>	METALS-GEL	125 ML POLY	Ice	<u>Y</u>	
1	<u>↓</u>	Perchlorate+CN+N03+pH	500 ML POLY	Ice	<u>Y</u>	
<u>0</u>		RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	<u>No</u>	

SAMPLE DESC: Darkish purple-pink tuff with crystals, loose, slightly moist with some rocks present in mixture.

Filled Rinsate collected after this sample RE21-11-3936

SAMPLE COMMENTS:

Under 2" in steel/iron pipe, halfway between locations 4 + 6 approximately 29ft fr location #4.

LOCATION DESC:

WP Location 21-011(b)-6

FIELD SCREENING/MEASUREMENT RESULTS:

Alpha = 46 dpm
Beta/Gamma = 560 dpm

PID $\frac{\text{Ambient Reading } 0.0}{0.0}$ ppm

COLLECTED BY (PRINT) LARRY A. LOPEZ

REVIEWED BY (PRINT) S. Alanis

RELINQUISHED BY	Date/Time	RECEIVED BY	Date/Time
(Printed Name) <u>A. Furnell</u>	<u>5/26/11</u>	(Printed Name) <u>Sheri Sherwood</u>	<u>5/26/11</u>
(Signature) <u>A. Furnell</u>	<u>11:45</u>	(Signature) <u>Sheri Sherwood</u>	<u>1145</u>

SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3332

EVENT NAME: Acid Waste Lines & Sump -SWMU 21-011(b) - DPSAA - Delayed Sites

SAMPLE ID: RE21-11-3890

WORK ORDER:

	<u>AS PLANNED</u>	<u>AS COLLECTED</u>	<u>AS PLANNED</u>	<u>AS COLLECTED</u>
DATE COLLECTED(MM/DD/YYYY):		<u>03/28/2011</u>	MEDIA:	<u>ALLH</u>
TIME COLLECTED (HH:MM)		<u>1419</u>	SUB-MEDIA:	<u>SOIL</u>
PRS ID: 21-011(b)		<u>OK</u>	SAMPLE TECH CODE: HA	<div style="font-size: 2em;">↓</div> <div style="text-align: center;">OK</div>
LOCATION ID: 21-613847		<u>↓</u>	FIELD QC TYPE: NA	
LOCATION TYPE: <u>GENERIC</u>		<u>↓</u>	FIELD PREP: NA	
TOP DEPTH: <u>0</u>		<u>0 6 5/16" 22</u>	SAMPLE USAGE: <u>INV</u>	
BOTTOM DEPTH: <u>0</u>		<u>+ 7 5/16" 22</u>	SCREEN/PORT DESC:	
FIELD MATRIX: <u>S</u>		<u>S</u>	EXCAVATED: YES/ <u>60</u> /NA	
COMPOSITE TYPE: <u>N/A</u>		COMPOSITE TIME INTERVAL: <u>N/A</u>	WATER FLOWING: YES/ <u>60</u> /NA	
BOREHOLE: YES/ <u>60</u> /NA		BOREHOLE DECLINATION: <u>N/A</u>	BOREHOLE DIRECTION: <u>N/A</u>	

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	<u>Regular</u>	8260B	125 ML SEPTUM AMBER GLASS	Ice	<u>Yes</u>	
1	<div style="font-size: 4em;">↓</div>	8270C+8082	250 ML AMBER GLASS	Ice		
2		8290	125 ML GLASS	Ice		
1		AM241+GS+ISOPU+ISOU+SR90	1 LITER POLY	None		<u>Add ISO TH</u>
1		H3	500 ML POLY	Ice		<u>Add TC 99</u>
1		METALS-GEL	125 ML POLY	Ice		
1		NMED Explosives list	250 ML AMBER GLASS	Ice		
1		Perchlorate+CN+N03+pH	500 ML POLY	Ice	<u>↓</u>	
1		RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	<u>NO</u>	

SAMPLE DESC: light brown soil

SAMPLE COMMENTS: None

LOCATION DESC: WP Location # 27

FIELD SCREENING/MEASUREMENT RESULTS:

Alpha = 226 dpm
Beta/Gamma = 305 dpm

PID $\frac{\text{Ambient Reading}}{\text{ppm}} = \frac{0.0}{0.0}$

COLLECTED BY (PRINT) J. LYON

REVIEWED BY (PRINT) S. Alanis

SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3332

EVENT NAME: Acid Waste Lines & Sump -SWMU 21-011(b) - DPSAA - Delayed Sites

RELINQUISHED BY (Printed Name) <i>Lourdes Cordova</i> (Signature) <i>Lourdes Cordova</i>	Date/Time <i>3/29/11</i> <i>10:44</i>	RECEIVED BY (Printed Name) <i>Sherry Sherwood</i> (Signature) <i>Sherry Sherwood</i>	Date/Time <i>3/29/11</i> <i>1044</i>
RELINQUISHED BY (Printed Name) (Signature)	Date/Time	RECEIVED BY (Printed Name) (Signature)	Date/Time

RE 21-11-3890

SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3332

EVENT NAME: Acid Waste Lines & Sump -SWMU 21-011(b) - DPSAA - Delayed Sites

SAMPLE ID: RE21-11-3891

WORK ORDER:

	<u>AS PLANNED</u>	<u>AS COLLECTED</u>	<u>AS PLANNED</u>	<u>AS COLLECTED</u>
DATE COLLECTED(MM/DD/YYYY):		<u>07/28/2011</u>	MEDIA: ALLH	<u>OK</u>
TIME COLLECTED (HH:MM)		<u>1450</u>	SUB-MEDIA: SOIL	
PRS ID: 21-011(b)		<u>OK</u>	SAMPLE TECH CODE: HA	
LOCATION ID: 21-613847		<u>↓</u>	FIELD QC TYPE: NA	
LOCATION TYPE: <u>GENERIC</u>		<u>↓</u>	FIELD PREP: NA	
TOP DEPTH: 0		<u>28 5/13/11</u>	SAMPLE USAGE: INV	<u>↓</u>
BOTTOM DEPTH: 0		<u>39 5/13/11</u>	SCREEN/PORT DESC: <u>N/A</u>	
FIELD MATRIX: S		<u>S</u>	EXCAVATED: YES/NO/NA	
COMPOSITE TYPE: <u>N/A</u>			COMPOSITE TIME INTERVAL: <u>N/A</u>	WATER FLOWING: YES/NO/NA
BOREHOLE: YES/NO/NA			BOREHOLE DECLINATION: <u>N/A</u>	BOREHOLE DIRECTION: <u>N/A</u>

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	<u>Regular</u>	8260B	125 ML SEPTUM AMBER GLASS	Ice	<u>yes</u>	
1	<u>↓</u>	8270C+8082	250 ML AMBER GLASS	Ice		
2	<u>↓</u>	8290	125 ML GLASS	Ice		
1	<u>↓</u>	AM241+GS+ISOPU+ISOU+SR90	1 LITER POLY	None		<u>Add ISO TH</u>
1	<u>↓</u>	H3	500 ML POLY	Ice		<u>Add TC 99</u>
1	<u>↓</u>	METALS-GEL	125 ML POLY	Ice		
1	<u>↓</u>	NMED Explosives list	250 ML AMBER GLASS	Ice		
1	<u>↓</u>	Perchlorate+CN+N03+pH	500 ML POLY	Ice	<u>↓</u>	
1	<u>↓</u>	RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	<u>NO</u>	

SAMPLE DESC: light brown soil

FR RE 21-11-38933

SAMPLE COMMENTS: none

LOCATION DESC: wp Location #27

FIELD SCREENING/MEASUREMENT RESULTS:

Alpha = 183 dpm
Beta/Gamma = 305 dpm

PID $\frac{\text{Ambient Reading}}{\text{Reading}} = \text{ppm}$ $\frac{0.0}{0.0}$

COLLECTED BY (PRINT) J. Lyons

REVIEWED BY (PRINT) S. Alanis

SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3332

EVENT NAME: Acid Waste Lines & Sump -SWMU 21-011(b) - DPSAA - Delayed Sites

RELINQUISHED BY (Printed Name) Lourdes Cordova (Signature) <i>Lourdes Cordova</i>	Date/Time 3/29/11 9:45	RECEIVED BY (Printed Name) STEPH SHERWOOD (Signature) <i>Steph Sherwood</i>	Date/Time 3/29/11 945
RELINQUISHED BY (Printed Name) (Signature)	Date/Time	RECEIVED BY (Printed Name) (Signature)	Date/Time

RE 21-11-3891

SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3332

EVENT NAME: Acid Waste Lines & Sump -SWMU 21-011(b) - DPSAA - Delayed Sites

SAMPLE ID: RE21-11-3892

WORK ORDER:

	<u>AS PLANNED</u>	<u>AS COLLECTED</u>		<u>AS PLANNED</u>	<u>AS COLLECTED</u>
DATE COLLECTED(MM/DD/YYYY):		5/18/2011	MEDIA:	ALLH	QBT3
TIME COLLECTED (HH:MM)		9:39	SUB-MEDIA:	SOIL	TUFF
PRS ID:	21-011(b)	OK	SAMPLE TECH CODE:	HA	OK
LOCATION ID:	21-613848	OK	FIELD QC TYPE:	NA	
LOCATION TYPE:	GENERIC	OK	FIELD PREP:	NA	
TOP DEPTH:	0	10	SAMPLE USAGE:	INV	↓
BOTTOM DEPTH:	0	11	SCREEN/PORT DESC:	NA	
FIELD MATRIX:	S	R	EXCAVATED: YES/NO/NA		
COMPOSITE TYPE:	NA		COMPOSITE TIME INTERVAL:	NA	WATER FLOWING: YES/NO/NA
BOREHOLE: YES/NO/NA	NO		BOREHOLE DECLINATION:	NA	BOREHOLE DIRECTION: NA

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	Regular	8260B	125 ML SEPTUM AMBER GLASS	Ice	Yes	
1		8270C+8082	250 ML AMBER GLASS	Ice		
2		8290	125 ML GLASS	Ice		
1		AM241+GS+ISOPU+ISOU+SR90	1 LITER POLY	None		Add ISO TH
1		H3	500 ML POLY	Ice		Add TC-99
1		METALS-GEL	125 ML POLY	Ice		
1		NMED Explosives list	250 ML AMBER GLASS	Ice		
1	↓	Perchlorate+CN+N03+pH	500 ML POLY	Ice	↓	
1	NA	RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	No	

SAMPLE DESC: *Purplish-gray ash tuff, slightly moist*

SAMPLE COMMENTS: *Collected below sump at 10ft bgs FTB RE21-11-3927*

LOCATION DESC: *WP Location 8*

FIELD SCREENING/MEASUREMENT RESULTS:
 Alpha = 92 dpm 57
 Beta/Gamma = 24 dpm 900
9/5/18/11

PID $\frac{\text{Ambient Reading}}{\text{Reading}} = \text{ppm } \frac{0}{0}$

COLLECTED BY (PRINT) Glenda S. Fred REVIEWED BY (PRINT) Kim Aman

SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3332

EVENT NAME: Acid Waste Lines & Sump -SWMU 21-011(b) - DPSAA - Delayed Sites

RELINQUISHED BY (Printed Name) <i>Lourdes Cardona</i> (Signature) <i>Lourdes Cardona</i>	Date/Time <i>5/19/11</i> <i>10:15</i>	RECEIVED BY <i>K. Greene</i> (Printed Name) (Signature) <i>[Signature]</i>	Date/Time <i>5/19/11</i> <i>10:15</i>
RELINQUISHED BY (Printed Name) (Signature)	Date/Time	RECEIVED BY (Printed Name) (Signature)	Date/Time

RE 21-11-3892

SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3332

EVENT NAME: Acid Waste Lines & Sump -SWMU 21-011(b) - DPSAA - Delayed Sites

SAMPLE ID: RE21-11-3893

WORK ORDER:

	<u>AS PLANNED</u>	<u>AS COLLECTED</u>		<u>AS PLANNED</u>	<u>AS COLLECTED</u>
DATE COLLECTED(MM/DD/YYYY):		5/18/2011	MEDIA:	ALLH	QBT3
TIME COLLECTED (HH:MM)		9:55	SUB-MEDIA:	SOIL	TUFF
PRS ID: 21-011(b)		OK	SAMPLE TECH CODE:	HA	OK
LOCATION ID: 21-613848		↓	FIELD QC TYPE:	NA	↓
LOCATION TYPE: <u>GENERIC</u>		↓	FIELD PREP:	NA	↓
TOP DEPTH: 0		12	SAMPLE USAGE:	INV	↓
BOTTOM DEPTH: 0		13	SCREEN/PORT DESC:	NA	
FIELD MATRIX: S		R	EXCAVATED: YES/NO/NA		
COMPOSITE TYPE: NA			COMPOSITE TIME INTERVAL: NA		WATER FLOWING: YES/NO/NA
BOREHOLE: YES/NO/NA			BOREHOLE DECLINATION: NA		BOREHOLE DIRECTION: NA

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	Regular	8260B	125 ML SEPTUM AMBER GLASS	Ice	Yes	
1		8270C+8082	250 ML AMBER GLASS	Ice	↓	
2		8290	125 ML GLASS	Ice	↓	
1		AM241+GS+ISOPU+ISOU+SR90	1 LITER POLY	None	↓	Add ISOTH
1		H3	500 ML POLY	Ice	↓	Add Tc-99
1		METALS-GEL	125 ML POLY	Ice	↓	
1		NMED Explosives list	250 ML AMBER GLASS	Ice	↓	
1		Perchlorate+CN+N03+pH	500 ML POLY	Ice	↓	
1	NA	RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	NO	

SAMPLE DESC: Purplish-gray ash tuft, slightly moist

SAMPLE COMMENTS: None 9/5/18/11 FR RE21-11-3935

LOCATION DESC: WP Location 8

FIELD SCREENING/MEASUREMENT RESULTS:

Alpha = 57 dpm
 Beta/Gamma = 1010 dpm
 PID $\frac{\text{Ambient Reading}}{\text{Reading}} = \text{ppm } \frac{0}{0}$

COLLECTED BY (PRINT) Glenda S. Fred REVIEWED BY (PRINT) Kim Oman

SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3332

EVENT NAME: Acid Waste Lines & Sump -SWMU 21-011(b) - DPSAA - Delayed Sites

RELINQUISHED BY (Printed Name) <i>Lourdes Cordova</i> (Signature) <i>Lourdes Cordova</i>	Date/Time <i>5/19/11</i> <i>10:15</i>	RECEIVED BY <i>K. G. Cee</i> (Printed Name) (Signature) <i>[Signature]</i>	Date/Time <i>5/19/11</i> <i>10:15</i>
RELINQUISHED BY (Printed Name) (Signature)	Date/Time	RECEIVED BY (Printed Name) (Signature)	Date/Time

RE 21-11-3893

SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3482

EVENT NAME: DPSAA - East Building Footprint - Bldg. 21-209 - AOC 21-028(d)

SAMPLE ID: RE21-11-10234

WORK ORDER:

	<u>AS PLANNED</u>	<u>AS COLLECTED</u>	<u>AS PLANNED</u>	<u>AS COLLECTED</u>
DATE COLLECTED(MM/DD/YYYY):		05/12/2011	MEDIA: <u>ALLH</u>	QBT3
TIME COLLECTED (HH:MM)		11:20	SUB-MEDIA: <u>SOIL</u>	Tuff
PRS ID: <u>21-028(d)</u>		OK	SAMPLE TECH CODE: <u>HA</u>	OK
LOCATION ID: <u>21-614373</u>		↓	FIELD QC TYPE: <u>NA</u>	↓
LOCATION TYPE: <u>GENERIC</u>		↓	FIELD PREP: <u>NA</u>	↓
TOP DEPTH: <u>0</u>		5	SAMPLE USAGE: <u>INV</u>	↓
BOTTOM DEPTH: <u>0</u>		6	SCREEN/PORT DESC: <u>NA</u>	
FIELD MATRIX: <u>S</u>		R	EXCAVATED: YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> NA	
COMPOSITE TYPE: <u>NA</u>			COMPOSITE TIME INTERVAL: <u>NA</u>	WATER FLOWING: YES <input checked="" type="checkbox"/> NA
BOREHOLE: YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> NA			BOREHOLE DECLINATION: <u>NA</u>	BOREHOLE DIRECTION: <u>NA</u>

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	regular	8260B	125 ML SEPTUM AMBER GLASS	Ice	yes	
1	↓	AM+GS+U+PU+TH+SR90	1 LITER POLY	None	↓	
1	↓	H3	500 ML POLY	Ice	↓	+ Tc-99
1	↓	METALS-GEL	125 ML POLY	Ice	↓	
1	NA	RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	No	
1	regular	8270C+8082	250 ML AMBER GLASS	Ice	yes	
1	↓	Perchlorate+CN+N03+pH	500 ML POLY	Ice	↓	

SAMPLE DESC: gray ash tuff, slightly indurated, slightly moist

SAMPLE COMMENTS:

None

LOCATION DESC:

WP location 209 - BH - 1

FIELD SCREENING/MEASUREMENT RESULTS:

PID $\frac{\text{Ambient Reading}}{\text{Reading}} = \text{ppm } \frac{0}{0}$

Alpha = $\frac{62}{\text{dpm}}$
Beta/Gamma = $\frac{466}{\text{dpm}}$

COLLECTED BY (PRINT) A. Fumoll

REVIEWED BY (PRINT) J. Branch

RELINQUISHED BY	Date/Time	RECEIVED BY	Date/Time
(Printed Name) <u>Glenda S. Fred</u>	<u>5/13/11</u>	(Printed Name) <u>Sherrin Sherwood</u>	<u>5/13/11</u>
(Signature) <u>Glenda S. Fred</u>	<u>10:55</u>	(Signature) <u>Sherrin Sherwood</u>	<u>9:55</u>

9:55-110

SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3482

EVENT NAME: DPSAA - East Building Footprint - Bldg. 21-209 - AOC 21-028(d)

SAMPLE ID: RE21-11-10235

WORK ORDER:

	AS PLANNED	AS COLLECTED	AS PLANNED	AS COLLECTED
DATE COLLECTED(MM/DD/YYYY):		05/12/2011	MEDIA: ALLH	QBT3
TIME COLLECTED (HH:MM)		14:20	SUB-MEDIA: SOIL	Tuff
PRS ID: 21-028(d)		OK	SAMPLE TECH CODE: HA	OK
LOCATION ID: 21-614373		↓	FIELD QC TYPE: NA	↓
LOCATION TYPE: GENERIC		↓	FIELD PREP: NA	↓
TOP DEPTH: 0		10	SAMPLE USAGE: INV	↓
BOTTOM DEPTH: 0		11	SCREEN/PORT DESC: NA	
FIELD MATRIX: S		R	EXCAVATED: YES (NO) NA	
COMPOSITE TYPE: NA		COMPOSITE TIME INTERVAL: NA		WATER FLOWING: YES (NO) NA
BOREHOLE: YES (NO) NA		BOREHOLE DECLINATION: NA		BOREHOLE DIRECTION: NA

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	regular	8260B	125 ML SEPTUM AMBER GLASS	Ice	yes	
1	↓	AM+GS+U+PU+TH+SR90	1 LITER POLY	None	↓	
1	↓	H3	500 ML POLY	Ice	↓	+ Tc-99
1	v	METALS-GEL	125 ML POLY	Ice	↓	
1	na	RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	No	
1	regular	8270C+8082	250 ML AMBER GLASS	Ice	yes	
1	↓	Perchlorate+CN+N03+pH	500 ML POLY	Ice	↓	

SAMPLE DESC: pale gray ash tuff, loose, slightly moist

SAMPLE COMMENTS:

None

LOCATION DESC:

WP location 209 - BH-1

FIELD SCREENING/MEASUREMENT RESULTS:

Alpha = 0 dpm
Beta/Gamma = 466 dpm

PTD $\frac{\text{Ambient Reading}}{\text{Reading}} = \text{ppm } 0$

COLLECTED BY (PRINT)

A. Furnall

REVIEWED BY (PRINT)

J. Branch

RELINQUISHED BY	Date/Time	RECEIVED BY	Date/Time
(Printed Name) Glenda S. Fred	5/13/11	(Printed Name) Jerry S. Woodward	5/13/11
(Signature) Glenda S. Fred	10:55	(Signature) Jerry S. Woodward	955

955

SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3482

EVENT NAME: DPSAA - East Building Footprint - Bldg. 21-209 - AOC 21-028(d)

SAMPLE ID: RE21-11-10237

WORK ORDER:

	<u>AS PLANNED</u>	<u>AS COLLECTED</u>	<u>AS PLANNED</u>	<u>AS COLLECTED</u>
DATE COLLECTED(MM/DD/YYYY):		05/12/2011	MEDIA: ALLH	QBT3
TIME COLLECTED (HH:MM)		15:09	SUB-MEDIA: SOIL	Tuff
PRS ID: 21-028(d)		OK	SAMPLE TECH CODE: HA	OK
LOCATION ID: 21-614374		↓	FIELD QC TYPE: NA	↓
LOCATION TYPE: GENERIC		↓	FIELD PREP: NA	↓
TOP DEPTH: 0		5	SAMPLE USAGE: INV	↓
BOTTOM DEPTH: 0		6	SCREEN/PORT DESC: NA	
FIELD MATRIX: S		R	EXCAVATED: YES (NO) / NA	
COMPOSITE TYPE: NA			COMPOSITE TIME INTERVAL: NA	
			WATER FLOWING: YES (NO) / NA	
BOREHOLE: YES (NO) / NA			BOREHOLE DECLINATION: NA	
			BOREHOLE DIRECTION: NA	

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	regular	8260B	125 ML SEPTUM AMBER GLASS	Ice	yes	
1	↓	AM+GS+U+PU+TH+SR90	1 LITER POLY	None	↓	
1	↓	H3	500 ML POLY	Ice	↓	+ Tc-99
1	↓	METALS-GEL	125 ML POLY	Ice	↓	
1	N/A	RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	No	
1	regular	8270C+8082	250 ML AMBER GLASS	Ice	yes	
1	↓	Perchlorate+CN+N03+pH	500 ML POLY	Ice	↓	

SAMPLE DESC: gray ash tuff, loose, slightly moist

SAMPLE COMMENTS:

None

LOCATION DESC:

WP location 209 - BH-2

FIELD SCREENING/MEASUREMENT RESULTS:

Alpha = 15 dpm
Beta/Gamma = 699 dpm

PID $\frac{\text{Ambient Reading}}{\text{Reading}} = \text{ppm } \frac{0}{0}$

COLLECTED BY (PRINT) A. Furmell

REVIEWED BY (PRINT) J. Branch

RELINQUISHED BY	Date/Time	RECEIVED BY	Date/Time
(Printed Name) KA Oman	5/13/11	(Printed Name) JERRY STEWART	5/13/11
(Signature) <i>KA Oman</i>	1055	(Signature) <i>Jerry Stewart</i>	955
	955-KAO		

SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3482

EVENT NAME: DPSAA - East Building Footprint - Bldg. 21-209 - AOC 21-028(d)

SAMPLE ID: RE21-11-10238

WORK ORDER:

	<u>AS PLANNED</u>	<u>AS COLLECTED</u>	<u>AS PLANNED</u>	<u>AS COLLECTED</u>
DATE COLLECTED(MM/DD/YYYY):		05/16/2011	MEDIA: ALLH	QBT3
TIME COLLECTED (HH:MM)		09:39	SUB-MEDIA: SOIL	Tuff
PRS ID: 21-028(d)		OK	SAMPLE TECH CODE: HA	OK
LOCATION ID: 21-614374		↓	FIELD QC TYPE: NA	↓
LOCATION TYPE: GENERIC		↓	FIELD PREP: NA	↓
TOP DEPTH: 0		10	SAMPLE USAGE: INV	↓
BOTTOM DEPTH: 0		11	SCREEN/PORT DESC: NA	
FIELD MATRIX: S		R	EXCAVATED: YES (NO) NA	
COMPOSITE TYPE: NA			COMPOSITE TIME INTERVAL: NA	WATER FLOWING: YES (NO) NA
BOREHOLE: YES (NO) NA			BOREHOLE DECLINATION: NA	BOREHOLE DIRECTION: NA

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	regular	8260B	125 ML SEPTUM AMBER GLASS	Ice	yes	
1	↓	AM+GS+U+PU+TH+SR90	1 LITER POLY	None	↓	
1	↓	H3	500 ML POLY	Ice	↓	+ Tc-99
1	↓	METALS-GEL	125 ML POLY	Ice	↓	
1	↓	RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	No	
1	regular	8270C+8082	250 ML AMBER GLASS	Ice	yes	
1	↓	Perchlorate+CN+N03+pH	500 ML POLY	Ice	↓	

SAMPLE DESC: gray ash tuff, loose, slightly moist

SAMPLE COMMENTS:

~~FTB-RE21-11-10257~~ None AF 5/16/11

LOCATION DESC:

WP location 209-BH-2

FIELD SCREENING/MEASUREMENT RESULTS:

Alpha = $\frac{0}{466}$ dpm
Beta/Gamma = $\frac{0}{466}$ dpm

PID $\frac{\text{Ambient Reading}}{\text{Reading}} = \text{ppm } \frac{0}{0}$

COLLECTED BY (PRINT) A. Furmell

REVIEWED BY (PRINT) J. Branch

RELINQUISHED BY (Printed Name) Kim Oman (Signature) <i>KA Oman</i>	Date/Time 5/17/11 0920	RECEIVED BY (Printed Name) Melissa Maty (Signature) <i>Maty</i>	Date/Time 5/17/11 520
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SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3482

EVENT NAME: DPSAA - East Building Footprint - Bldg. 21-209 - AOC 21-028(d)

SAMPLE ID: RE21-11-10240

WORK ORDER:

	<u>AS PLANNED</u>	<u>AS COLLECTED</u>	<u>AS PLANNED</u>	<u>AS COLLECTED</u>
DATE COLLECTED(MM/DD/YYYY):		05/16/2011	MEDIA: ALLH	QBT3
TIME COLLECTED (HH:MM)		15:11	SUB-MEDIA: SOIL	Tuff
PRS ID: 21-028(d)		OK	SAMPLE TECH CODE: HA	OK
LOCATION ID: 21-614375		↓	FIELD QC TYPE: NA	↓
LOCATION TYPE: GENERIC		↓	FIELD PREP: NA	↓
TOP DEPTH: 0		5	SAMPLE USAGE: INV	↓
BOTTOM DEPTH: 0		6	SCREEN/PORT DESC: NA	
FIELD MATRIX: S		R	EXCAVATED: YES <input checked="" type="radio"/> NO <input type="radio"/> NA	
COMPOSITE TYPE: NA			COMPOSITE TIME INTERVAL: NA	WATER FLOWING: YES <input checked="" type="radio"/> NO <input type="radio"/> NA
BOREHOLE: YES <input checked="" type="radio"/> NO <input type="radio"/> NA			BOREHOLE DECLINATION: NA	BOREHOLE DIRECTION: NA

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	regular	8260B	125 ML SEPTUM AMBER GLASS	Ice	yes	
1	↓	AM+GS+U+PU+TH+SR90	1 LITER POLY	None	↓	
1	↓	H3	500 ML POLY	Ice	↓	+ Tc-99
1	↓	METALS-GEL	125 ML POLY	Ice	↓	
1		RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	No	
1	regular	8270C+8082	250 ML AMBER GLASS	Ice	yes	
1	↓	Perchlorate+CN+N03+pH	500 ML POLY	Ice	↓	

SAMPLE DESC: gray ash tuff. loose, slightly moist

SAMPLE COMMENTS:
None

LOCATION DESC:
WP location 209-BH-36 KAO 5/17/11

FIELD SCREENING/MEASUREMENT RESULTS:

Alpha = $\frac{46}{46}$ dpm
Beta/Gamma = $\frac{46}{46}$ dpm

PID $\frac{\text{Ambient Reading}}{\text{Reading}} = \text{ppm } \frac{0}{0}$

COLLECTED BY (PRINT) A. Furrall REVIEWED BY (PRINT) J. Branch

RELINQUISHED BY	Date/Time	RECEIVED BY	Date/Time
(Printed Name) <u>Lourdes Cordova</u>	<u>5/17/11</u>	(Printed Name) <u>Whitney Mandy</u>	<u>5/17/11</u>
(Signature) <u>Lourdes Cordova</u>	<u>9:21</u>	(Signature) <u>[Signature]</u>	<u>9:21</u>

SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3482

EVENT NAME: DPSAA - East Building Footprint - Bldg. 21-209 - AOC 21-028(d)

SAMPLE ID: RE21-11-10241

WORK ORDER:

	<u>AS PLANNED</u>	<u>AS COLLECTED</u>	<u>AS PLANNED</u>	<u>AS COLLECTED</u>
DATE COLLECTED(MM/DD/YYYY):		5/17/2011	MEDIA: ALLH	QBT3
TIME COLLECTED (HH:MM)		9:09	SUB-MEDIA: SOIL	TUFF
PRS ID: 21-028(d)		OK	SAMPLE TECH CODE: HA	OK
LOCATION ID: 21-614375		OK	FIELD QC TYPE: NA	↓
LOCATION TYPE: GENERIC		OK	FIELD PREP: NA	
TOP DEPTH: 0		10	SAMPLE USAGE: INV	
BOTTOM DEPTH: 0		11	SCREEN/PORT DESC: NA	
FIELD MATRIX: S		R	EXCAVATED: YES <input checked="" type="radio"/> NO / NA	
COMPOSITE TYPE: NA		COMPOSITE TIME INTERVAL: NA	WATER FLOWING: YES <input checked="" type="radio"/> NA	
BOREHOLE: YES/ <input checked="" type="radio"/> /NA		BOREHOLE DECLINATION: NA	BOREHOLE DIRECTION: NA	

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	Regular	8260B	125 ML SEPTUM AMBER GLASS	Ice	Yes	
1	↓	AM+GS+U+PU+TH+SR90	1 LITER POLY	None	↓	
1	↓	H3	500 ML POLY	Ice	↓	+ Tc-99
1	↓	METALS-GEL	125 ML POLY	Ice	↓	
1	NA	RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	No	
1	Regular	8270C+8082	250 ML AMBER GLASS	Ice	Yes	
1	↓	Perchlorate+CN+N03+pH	500 ML POLY	Ice	↓	

SAMPLE DESC: *Gray ash tuff, slightly moist*

SAMPLE COMMENTS: *FTB RE21-11-10257*

LOCATION DESC: *WP location 209-BH-3 G
23/1/11*

FIELD SCREENING/MEASUREMENT RESULTS:

$$PID \frac{\text{Ambient Reading}}{\text{Reading}} = \text{ppm } \frac{0}{0} \quad \text{Alpha} = \underline{15} \text{ dpm}$$

$$\text{Beta/Gamma} = \underline{699} \text{ dpm}$$

COLLECTED BY (PRINT) *Glenda S. Fred* REVIEWED BY (PRINT) *A. Furmell*

RELINQUISHED BY (Printed Name) <i>Kim Oman</i> (Signature) <i>[Signature]</i>	Date/Time <i>5/18/11</i> <i>10:30</i>	RECEIVED BY (Printed Name) <i>V. C. C. C. P.</i> (Signature) <i>[Signature]</i>	Date/Time <i>5/18/11</i> <i>10:30</i>
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SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3482

EVENT NAME: DPSAA - East Building Footprint - Bldg. 21-209 - AOC 21-028(d)

SAMPLE ID: RE21-11-10243

WORK ORDER:

	<u>AS PLANNED</u>	<u>AS COLLECTED</u>	<u>AS PLANNED</u>	<u>AS COLLECTED</u>
DATE COLLECTED(MM/DD/YYYY):		5/17/2011	MEDIA: ALLH	GBT3
TIME COLLECTED (HH:MM)		10:30	SUB-MEDIA: SOIL	TUFF
PRS ID: 21-028(d)		OK	SAMPLE TECH CODE: HA	OK
LOCATION ID: 21-614376		OK	FIELD QC TYPE: NA	↓
LOCATION TYPE: GENERIC		OK	FIELD PREP: NA	
TOP DEPTH: 0		5	SAMPLE USAGE: INV	
BOTTOM DEPTH: 0		6	SCREEN/PORT DESC: NA	
FIELD MATRIX: S		R	EXCAVATED: YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> NA	
COMPOSITE TYPE: NA		COMPOSITE TIME INTERVAL: NA	WATER FLOWING: YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> NA	
BOREHOLE: YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> NA		BOREHOLE DECLINATION: NA	BOREHOLE DIRECTION: NA	

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	Regular	8260B	125 ML SEPTUM AMBER GLASS	Ice	Yes	
1	↓	AM+GS+U+PU+TH+SR90	1 LITER POLY	None	↓	
1	↓	H3	500 ML POLY	Ice	↓	+ Tc-99
1	↓	METALS-GEL	125 ML POLY	Ice	↓	
1	NA	RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	No	
1	Regular	8270C+8082	250 ML AMBER GLASS	Ice	Yes	
1	↓	Perchlorate+CN+N03+pH	500 ML POLY	Ice	↓	

SAMPLE DESC: *Gray ash tuft, slightly moist*

SAMPLE COMMENTS: *None*

LOCATION DESC: *at 5/17/2011
WP Location 15 209-BH-4*

FIELD SCREENING/MEASUREMENT RESULTS: Alpha = 0 dpm
Beta/Gamma = 699 dpm

$$PID \frac{\text{Ambient Reading}}{\text{Reading}} = ppm \frac{0}{0}$$

COLLECTED BY (PRINT) *Glenda S. Fred* REVIEWED BY (PRINT) *A. Furnall*

RELINQUISHED BY	Date/Time	RECEIVED BY	Date/Time
(Printed Name) <i>Kim Corman</i>	<i>5/18/11</i>	(Printed Name) <i>K. Corman</i>	<i>5/18/11</i>
(Signature) <i>(Signature)</i>	<i>1030</i>	(Signature) <i>(Signature)</i>	<i>10:30</i>

SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3482

EVENT NAME: DPSAA - East Building Footprint - Bldg. 21-209 - AOC 21-028(d)

SAMPLE ID: RE21-11-10244

WORK ORDER:

	<u>AS PLANNED</u>	<u>AS COLLECTED</u>	<u>AS PLANNED</u>	<u>AS COLLECTED</u>
DATE COLLECTED(MM/DD/YYYY):		5/17/2011	MEDIA: ALLH	QBT3
TIME COLLECTED (HH:MM)		11:20	SUB-MEDIA: SOIL	TUFF
PRS ID: 21-028(d)		OK	SAMPLE TECH CODE: HA	OK
LOCATION ID: 21-614376		OK	FIELD QC TYPE: NA	↓
LOCATION TYPE: GENERIC		OK	FIELD PREP: NA	
TOP DEPTH: 0		10	SAMPLE USAGE: INV	
BOTTOM DEPTH: 0		11	SCREEN/PORT DESC: NA	
FIELD MATRIX: S		R	EXCAVATED: YES (NO) / NA	
COMPOSITE TYPE: NA		COMPOSITE TIME INTERVAL: NA	WATER FLOWING: YES (NO) / NA	
BOREHOLE: YES (NO) / NA		BOREHOLE DECLINATION: NA	BOREHOLE DIRECTION: NA	

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	Regular	8260B	125 ML SEPTUM AMBER GLASS	Ice	Yes	
1	↓	AM+GS+U+PU+TH+SR90	1 LITER POLY	None	↓	
1	↓	H3	500 ML POLY	Ice	↓	+ Tc-99
1	↓	METALS-GEL	125 ML POLY	Ice	↓	
1	NA	RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	No	
1	Regular	8270C+8082	250 ML AMBER GLASS	Ice	Yes	
1	↓	Perchlorate+CN+N03+pH	500 ML POLY	Ice	↓	

SAMPLE DESC:

Gray ash tuff, slightly moist

SAMPLE COMMENTS:

None

LOCATION DESC:

WP Location 209-BH-4

FIELD SCREENING/MEASUREMENT RESULTS:

$$PID \frac{\text{Ambient Reading}}{\text{}} = \text{ppm} \frac{\circ}{\circ}$$

$$\text{Alpha} = \frac{\circ}{\circ} \text{ dpm}$$

$$\text{Beta/Gamma} = \frac{466}{\circ} \text{ dpm}$$

COLLECTED BY (PRINT) Glenda S. Fred

REVIEWED BY (PRINT) A. Furmall

RELINQUISHED BY	Date/Time	RECEIVED BY	Date/Time
(Printed Name) <u>K.A. Coman</u>	5/18/11	(Printed Name) <u>K. Coman</u>	5/18/11
(Signature) <u>[Signature]</u>	10:30	(Signature) <u>[Signature]</u>	10:30

SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3482

EVENT NAME: DPSAA - East Building Footprint - Bldg. 21-209 - AOC 21-028(d)

SAMPLE ID: RE21-11-10246

WORK ORDER:

	<u>AS PLANNED</u>	<u>AS COLLECTED</u>	<u>AS PLANNED</u>	<u>AS COLLECTED</u>
DATE COLLECTED(MM/DD/YYYY):		5/17/2011	MEDIA: ALLH	QBT3
TIME COLLECTED (HH:MM)		14:23	SUB-MEDIA: SOIL	TUFF
PRS ID: 21-028(d)		OK	SAMPLE TECH CODE: HA	OK
LOCATION ID: 21-614377		OK	FIELD QC TYPE: NA	↓
LOCATION TYPE: GENERIC		OK	FIELD PREP: NA	
TOP DEPTH: 0		5	SAMPLE USAGE: INV	
BOTTOM DEPTH: 0		6	SCREEN/PORT DESC: NA	
FIELD MATRIX: S		R	EXCAVATED: YES/NO NA	
COMPOSITE TYPE: NA			COMPOSITE TIME INTERVAL: NA	WATER FLOWING: YES (NO) NA
BOREHOLE: YES (NO) NA			BOREHOLE DECLINATION: NA	BOREHOLE DIRECTION: NA

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	Regular	8260B	125 ML SEPTUM AMBER GLASS	Ice	Yes	
1	↓	AM+GS+U+PU+TH+SR90	1 LITER POLY	None	↓	
1	↓	H3	500 ML POLY	Ice	↓	+ Tc-99
1	↓	METALS-GEL	125 ML POLY	Ice	↓	
1	NA	RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	No	
1	Regular	8270C+8082	250 ML AMBER GLASS	Ice	Yes	
1	↓	Perchlorate+CN+N03+pH	500 ML POLY	Ice	↓	

SAMPLE DESC: Purplish-gray ash tuff, slightly moist

SAMPLE COMMENTS: None

LOCATION DESC: WP Location 209-BH-3

FIELD SCREENING/MEASUREMENT RESULTS: $PID \frac{\text{Ambient Reading}}{\text{Reading}} = \text{ppm } \frac{0}{0}$ Alpha = $\frac{31}{\text{dpm}}$ Beta/Gamma = $\frac{699}{\text{dpm}}$

COLLECTED BY (PRINT) Glenda S. Fred REVIEWED BY (PRINT) A. Furmall

RELINQUISHED BY	Date/Time	RECEIVED BY	Date/Time
(Printed Name) Lourdes Cordova	5/18/11	(Printed Name) K. Green	5/18/11
(Signature) Lourdes Cordova	10:30	(Signature)	10:30

SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3482

EVENT NAME: DPSAA - East Building Footprint - Bldg. 21-209 - AOC 21-028(d)

SAMPLE ID: RE21-11-10247

WORK ORDER:

	<u>AS PLANNED</u>	<u>AS COLLECTED</u>	<u>AS PLANNED</u>	<u>AS COLLECTED</u>
DATE COLLECTED(MM/DD/YYYY):		5/17/2011	MEDIA: ALLH	QBT3
TIME COLLECTED (HH:MM)		15:35	SUB-MEDIA: SOIL	TUFP
PRS ID: 21-028(c)		OK	SAMPLE TECH CODE: HA	OK
LOCATION ID: 21-614377		OK	FIELD QC TYPE: NA	↓
LOCATION TYPE: GENERIC		OK	FIELD PREP: NA	↓
TOP DEPTH: 0		10	SAMPLE USAGE: INV	↓
BOTTOM DEPTH: 0		11	SCREEN/PORT DESC: NA	
FIELD MATRIX: S		R	EXCAVATED: YES/NO/NA	
COMPOSITE TYPE: NA			COMPOSITE TIME INTERVAL: NA	WATER FLOWING: YES (NO)/NA
BOREHOLE: YES (NO)/NA			BOREHOLE DECLINATION: NA	BOREHOLE DIRECTION: NA

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	Regular	8260B	125 ML SEPTUM AMBER GLASS	Ice	Yes	
1	↓	AM+GS+U+PU+TH+SR90	1 LITER POLY	None	↓	
1	↓	H3	500 ML POLY	Ice	↓	+ Tc-99
1	↓	METALS-GEL	125 ML POLY	Ice	↓	
1	NA	RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	No	
1	Regular	8270C+8082	250 ML AMBER GLASS	Ice	Yes	
1	↓	Perchlorate+CN+N03+pH	500 ML POLY	Ice	↓	

SAMPLE DESC: Purplish-gray ash tuff, slightly moist

SAMPLE COMMENTS: None

LOCATION DESC: WP Location 209-BH-3

FIELD SCREENING/MEASUREMENT RESULTS: PID $\frac{\text{Ambient Reading}}{\text{Reading}} = \text{ppm} \frac{0}{0}$ Alpha = $\frac{15}{\text{dpm}}$ Beta/Gamma = $\frac{466}{\text{dpm}}$

COLLECTED BY (PRINT) Glenda S. Fred REVIEWED BY (PRINT) A. Furnall

RELINQUISHED BY	Date/Time	RECEIVED BY	Date/Time
(Printed Name) <u>Lourdes Cordova</u>	<u>5/18/11</u>	(Printed Name) <u>V. G. ...</u>	<u>5/18/11</u>
(Signature) <u>Lourdes Cordova</u>	<u>10:30</u>	(Signature) <u>[Signature]</u>	<u>10:30</u>

SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3482

EVENT NAME: DPSAA - East Building Footprint - Bldg. 21-209 - AOC 21-028(d)

SAMPLE ID: RE21-11-10249

WORK ORDER:

	<u>AS PLANNED</u>	<u>AS COLLECTED</u>	<u>AS PLANNED</u>	<u>AS COLLECTED</u>
DATE COLLECTED(MM/DD/YYYY):		5/23/2011	MEDIA: ALLH	QBT3
TIME COLLECTED (HH:MM)		13:44	SUB-MEDIA: SOIL	TUFF
PRS ID: 21-028(O)		OK	SAMPLE TECH CODE: HA	OK
LOCATION ID: 21-614378		OK	FIELD QC TYPE: NA	
LOCATION TYPE: GENERIC		OK	FIELD PREP: NA	↓
TOP DEPTH: 0		5	SAMPLE USAGE: INV	
BOTTOM DEPTH: 0		6	SCREEN/PORT DESC: NA	
FIELD MATRIX: S		R	EXCAVATED: YES/NO/NA	
COMPOSITE TYPE: NA			COMPOSITE TIME INTERVAL: NA	WATER FLOWING: YES/NO/NA
BOREHOLE: YES/NO/NA			BOREHOLE DECLINATION: NA	BOREHOLE DIRECTION: NA

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	Regular	8260B	125 ML SEPTUM AMBER GLASS	Ice	Yes	
1	↓	AM+GS+U+PU+TH+SR90	1 LITER POLY	None	↓	
1	↓	H3	500 ML POLY	Ice	↓	+ Tc-99
1	↓	METALS-GEL	125 ML POLY	Ice	↓	
1	NA	RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	No	
1	Regular	8270C+8082	250 ML AMBER GLASS	Ice	Yes	
1	↓	Perchlorate+CN+N03+pH	500 ML POLY	Ice	↓	

SAMPLE DESC: Purplish-gray ash tuff, moist

SAMPLE COMMENTS: None

LOCATION DESC: WP Location 209-BH-5

FIELD SCREENING/MEASUREMENT RESULTS:

$$PID \frac{\text{Ambient Reading}}{\text{Reading}} = ppm \frac{0}{0}$$

$$\text{Alpha} = \frac{46}{1120} \text{ dpm}$$

$$\text{Beta/Gamma} = \frac{1120}{1000} \text{ dpm}$$

COLLECTED BY (PRINT) Glenda S. Fred REVIEWED BY (PRINT) A. Furnall

RELINQUISHED BY	Date/Time	RECEIVED BY	Date/Time
(Printed Name) <u>Leonidas Cordova</u>	<u>5/24/11</u>	(Printed Name) <u>Melissa Martin</u>	<u>5/24/11</u>
(Signature) <u>Leonidas Cordova</u>	<u>10:00</u>	(Signature) <u>[Signature]</u>	<u>1000</u>

SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3482

EVENT NAME: DPSAA - East Building Footprint - Bldg. 21-209 - AOC 21-028(d)

SAMPLE ID: RE21-11-10250

WORK ORDER:

	<u>AS PLANNED</u>	<u>AS COLLECTED</u>	<u>AS PLANNED</u>	<u>AS COLLECTED</u>
DATE COLLECTED(MM/DD/YYYY):		5/23/2011	MEDIA: ALLH	QBT3
TIME COLLECTED (HH:MM)		14:07	SUB-MEDIA: SOIL	TUFF
PRS ID: 21-028(d)		OK	SAMPLE TECH CODE: HA	OK
LOCATION ID: 21-614378		OK	FIELD QC TYPE: NA	↓
LOCATION TYPE: GENERIC		OK	FIELD PREP: NA	
TOP DEPTH: 0		10	SAMPLE USAGE: INV	
BOTTOM DEPTH: 0		11	SCREEN/PORT DESC: NA	
FIELD MATRIX: S		R	EXCAVATED: YES/NO NA	
COMPOSITE TYPE: NA		COMPOSITE TIME INTERVAL: NA	WATER FLOWING: YES/NO NA	
BOREHOLE: YES/NO NA		BOREHOLE DECLINATION: NA	BOREHOLE DIRECTION: NA	

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	Regular	8260B	125 ML SEPTUM AMBER GLASS	Ice	Yes	
1	↓	AM+GS+U+PU+TH+SR90	1 LITER POLY	None	↓	
1	↓	H3	500 ML POLY	Ice	↓	+ Tc-99
1	↓	METALS-GEL	125 ML POLY	Ice	↓	
1	NA	RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	No	
1	Regular	8270C+8082	250 ML AMBER GLASS	Ice	Yes	
1	↓	Perchlorate+CN+N03+pH	500 ML POLY	Ice	↓	

SAMPLE DESC: Purplish-gray ash tuff, slightly moist

FR 21-11-10259

SAMPLE COMMENTS: None

LOCATION DESC: WP Location 209-BH-5

FIELD SCREENING/MEASUREMENT RESULTS:

$$PID \frac{\text{Ambient Reading}}{\text{Reading}} = \text{ppm } \frac{0}{0} \quad \text{Alpha} = \frac{31}{0} \text{ dpm} \quad \text{Beta/Gamma} = \frac{700}{0} \text{ dpm}$$

COLLECTED BY (PRINT) Glenda S. Fred REVIEWED BY (PRINT) A. Furrall

RELINQUISHED BY (Printed Name) <u>Lourdes Cordova</u> (Signature) <u>Lourdes Cordova</u>	Date/Time <u>5/24/11</u> <u>10:00</u>	RECEIVED BY (Printed Name) <u>Melissa M...</u> (Signature) <u>[Signature]</u>	Date/Time <u>5/24/11</u> <u>1000</u>
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SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3445

EVENT NAME: Delta Prime East - Bldg. 21-152 - SWMU-21-011(b)

SAMPLE ID: RE21-11-7845

WORK ORDER:

	<u>AS PLANNED</u>	<u>AS COLLECTED</u>		<u>AS PLANNED</u>	<u>AS COLLECTED</u>
DATE COLLECTED(MM/DD/YYYY):		04/06/2011	MEDIA:	ALLH	QBT3
TIME COLLECTED (HH:MM)		10:30	SUB-MEDIA:	SOIL	AF 4/6/11 OK Tuff
PRS ID:	21-011(b)	OK	SAMPLE TECH CODE:	HA	OK
LOCATION ID:	21-614180	↓	FIELD QC TYPE:	NA	↓
LOCATION TYPE:	GENERIC	↓	FIELD PREP:	NA	↓
TOP DEPTH:	0	5	SAMPLE USAGE:	INV	↓
BOTTOM DEPTH:	0	6	SCREEN/PORT DESC:	NA	
FIELD MATRIX:	S	R	EXCAVATED: YES/(NO)/NA		
COMPOSITE TYPE:	NA		COMPOSITE TIME INTERVAL:	NA	WATER FLOWING: YES (NO)/NA
BOREHOLE: YES (NO)/NA			BOREHOLE DECLINATION:	NA	BOREHOLE DIRECTION: NA

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
2	regular	8260B+TPH-GRO	125 ML GLASS septum AF 4/6/11	Ice	yes	
1	↓	PH	125 ML POLY	None	↓	
1	↓	8270C+TPH-DRO	250 ML GLASS	Ice	↓	
1		RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	No	

SAMPLE DESC: gray/purple ash flow tuff, loose with some welded fragments slightly moist

SAMPLE COMMENTS: FD - RE21-11-8007

LOCATION DESC: WP location 152-1

FIELD SCREENING/MEASUREMENT RESULTS:

Alpha = 45 dpm
Beta/Gamma = 466 dpm

PID $\frac{\text{Ambient Reading}}{\text{Reading}} = \text{ppm}$ $\frac{0}{0}$

COLLECTED BY (PRINT) A. Fumoll

REVIEWED BY (PRINT) J. Branch

RELINQUISHED BY (Printed Name) <u>Lourdes Cordova</u> (Signature) <u>Lourdes Cordova</u>	Date/Time <u>4/7/11</u> <u>1025</u>	RECEIVED BY (Printed Name) <u>SHERI SHEWOOD</u> (Signature) <u>Sheri Shewood</u>	Date/Time <u>4/7/11</u> <u>1025</u>
RELINQUISHED BY (Printed Name) (Signature)	Date/Time	RECEIVED BY (Printed Name) (Signature)	Date/Time

SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3445

EVENT NAME: Delta Prime East - Bldg. 21-152 - SWMU-21-011(b)

SAMPLE ID: RE21-11-7848

WORK ORDER:

	<u>AS PLANNED</u>	<u>AS COLLECTED</u>		<u>AS PLANNED</u>	<u>AS COLLECTED</u>
DATE COLLECTED(MM/DD/YYYY):		04/06/2011	MEDIA:	ALLH	QBT3
TIME COLLECTED (HH:MM)		11:41	SUB-MEDIA:	SOIL	Tuff
PRS ID:	21-011(b)	OK	SAMPLE TECH CODE:	HA	OK
LOCATION ID:	21-614181	↓	FIELD QC TYPE:	NA	↓
LOCATION TYPE:	GENERIC	↓	FIELD PREP:	NA	↓
TOP DEPTH:	0	5	SAMPLE USAGE:	INV	↓
BOTTOM DEPTH:	0	6	SCREEN/PORT DESC:	NA	
FIELD MATRIX:	S	R	EXCAVATED: YES / <input checked="" type="radio"/> / NA		
COMPOSITE TYPE:	NA		COMPOSITE TIME INTERVAL:	NA	WATER FLOWING: YES / <input checked="" type="radio"/> / NA
BOREHOLE: YES / <input checked="" type="radio"/> / NA		BOREHOLE DECLINATION:	NA	BOREHOLE DIRECTION:	NA

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
2	regular	8260B+TPH-GRO	125 ML GLASS septum AT 4/6/11	Ice	yes	
1	↓	PH	125 ML POLY	None	↓	
1	↓	8270C+TPH-DRO	250 ML GLASS	Ice	↓	
1		RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	No	

SAMPLE DESC: gray ash flow tuff, loose with welded fragments
 very slightly moist, some reddish weathered zones

SAMPLE COMMENTS:

None

LOCATION DESC:

WP location 152-2

FIELD SCREENING/MEASUREMENT RESULTS:

Alpha = 0 dpm
 Beta/Gamma = 932 dpm

PID $\frac{\text{Ambien. Reading}}{\text{Reading}} = \text{ppil. } \frac{0}{0}$

COLLECTED BY (PRINT) Ali Furmall

REVIEWED BY (PRINT) J. Branch

RELINQUISHED BY (Printed Name) <u>Lourdes Cordova</u> (Signature) <u>Lourdes Cordova</u>	Date/Time <u>4/7/11</u> <u>1025</u>	RECEIVED BY (Printed Name) <u>Sheila Sherwood</u> (Signature) <u>Sheila Sherwood</u>	Date/Time <u>4/7/11</u> <u>1025</u>
RELINQUISHED BY (Printed Name) (Signature)	Date/Time	RECEIVED BY (Printed Name) (Signature)	Date/Time

SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3445

EVENT NAME: Delta Prime East - Bldg. 21-152 - SWMU-21-011(b)

SAMPLE ID: RE21-11-7849

WORK ORDER:

	<u>AS PLANNED</u>	<u>AS COLLECTED</u>	<u>AS PLANNED</u>	<u>AS COLLECTED</u>
DATE COLLECTED(MM/DD/YYYY):		04/11/2011	MEDIA: ALLH	QBT3
TIME COLLECTED (HH:MM)		09:39	SUB-MEDIA: SOIL	Tuff
PRS ID: 21-011(b)		OK	SAMPLE TECH CODE: HA	OK
LOCATION ID: 21-614182		↓	FIELD QC TYPE: NA	↓
LOCATION TYPE: GENERIC		↓	FIELD PREP: NA	↓
TOP DEPTH: 0		6	SAMPLE USAGE: INV	↓
BOTTOM DEPTH: 0		7	SCREEN/PORT DESC: NA	
FIELD MATRIX: S		R	EXCAVATED: YES/NO/NA	
COMPOSITE TYPE: NA			COMPOSITE TIME INTERVAL: NA	WATER FLOWING: YES/NO/NA
BOREHOLE: YES/NO/NA			BOREHOLE DECLINATION: NA	BOREHOLE DIRECTION: NA

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	regular	8260B	125 ML SEPTUM AMBER GLASS	Ice	yes	
1	↓	8270C	250 ML AMBER GLASS	Ice	↓	
1	↓	AM+GS+U+PU+TH+SR90	1 LITER POLY	None	↓	
2	↓	ASBESTOS	125 ML GLASS	Ice	↓	
1	↓	H3	500 ML POLY	Ice	↓	+ Tc-99
1	↓	METALS-GEL	125 ML POLY	Ice	↓	
1	↓	Perchlorate+CN+N03+pH	500 ML POLY	Ice	↓	
1	↓	RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	No	

SAMPLE DESC: gray ash flow tuff, loose, slightly moist

SAMPLE COMMENTS: collected beneath base course at 6' bgs FTB - RE21-11-8023

LOCATION DESC: WP location 152-4

FIELD SCREENING/MEASUREMENT RESULTS:

PID $\frac{\text{Ambient Reading}}{\text{Reading}} = \text{ppm } \frac{0}{0}$

Alpha = $\frac{31}{699}$ dpm
Beta/Gamma = $\frac{699}{699}$ dpm

COLLECTED BY (PRINT) A. Fumall

REVIEWED BY (PRINT) J. Branch

RELINQUISHED BY (Printed Name) <u>A. Fumall</u> 	Date/Time 4/12/11 1045	RECEIVED BY (Printed Name) <u>STEPHEN FERRWOOD</u> 	Date/Time 4/12/11 1045
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SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3445

EVENT NAME: Delta Prime East - Bldg. 21-152 - SWMU-21-011(b)

SAMPLE ID: RE21-11-7850

WORK ORDER:

	<u>AS PLANNED</u>	<u>AS COLLECTED</u>		<u>AS PLANNED</u>	<u>AS COLLECTED</u>
DATE COLLECTED(MM/DD/YYYY):		04/11/2011	MEDIA:	ALLH	QBT3
TIME COLLECTED (HH:MM)		10:18	SUB-MEDIA:	SOIL	Tuff
PRS ID:	21-011(b)	OK	SAMPLE TECH CODE:	HA	OK
LOCATION ID:	21-614182	↓	FIELD QC TYPE:	NA	↓
LOCATION TYPE:	<u>GENERIC</u>	↓	FIELD PREP:	NA	↓
TOP DEPTH:	0	8	SAMPLE USAGE:	INV	↓
BOTTOM DEPTH:	0	9	SCREEN/PORT DESC:	NA	
FIELD MATRIX:	S	R	EXCAVATED: YES (NO) NA		
COMPOSITE TYPE:	NA		COMPOSITE TIME INTERVAL:	NA	WATER FLOWING: YES (NO) NA
BOREHOLE: YES (NO) NA			BOREHOLE DECLINATION:	NA	BOREHOLE DIRECTION: NA

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	regular	8260B	125 ML SEPTUM AMBER GLASS	Ice	YES	
1	↓	8270C	250 ML AMBER GLASS	Ice	↓	
1		AM+GS+U+PU+TH+SR90	1 LITER POLY	None	↓	
2		ASBESTOS	125 ML GLASS	Ice	↓	
1		H3	500 ML POLY	Ice	↓	+ Tc-99
1		METALS-GEL	125 ML POLY	Ice	↓	
1	↓	Perchlorate+CN+N03+pH	500 ML POLY	Ice	↓	
1		RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	No	

SAMPLE DESC: gray ash flow tuff, loose, slightly moist

SAMPLE COMMENTS:

None

LOCATION DESC:

WP location 152-4

FIELD SCREENING/MEASUREMENT RESULTS:

Alpha = 0 dpm
Beta/Gamma = 699 dpm

PID $\frac{\text{Ambient Reading}}{\text{Reading}} = \text{ppm}$ 0

COLLECTED BY (PRINT) L. Furmell

REVIEWED BY (PRINT) J. Branch

RELINQUISHED BY	Date/Time	RECEIVED BY	Date/Time
(Printed Name) <u>Lourdes Cordova</u>	<u>4/12/11</u>	(Printed Name) <u>Steph Steerwood</u>	<u>4/12/11</u>
<u>Lourdes Cordova</u>	<u>1045</u>	<u>Steph Steerwood</u>	<u>1045</u>

SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3445

EVENT NAME: Delta Prime East - Bldg. 21-152 - SWMU-21-011(b)

SAMPLE ID: RE21-11-7851

WORK ORDER:

	<u>AS PLANNED</u>	<u>AS COLLECTED</u>		<u>AS PLANNED</u>	<u>AS COLLECTED</u>
DATE COLLECTED(MM/DD/YYYY):		04/12/2011	MEDIA:	ALLH	QBT3
TIME COLLECTED (HH:MM)		08:59	SUB-MEDIA:	SOIL	Tuff
PRS ID:	21-011(b)	OK	SAMPLE TECH CODE:	HA	OK
LOCATION ID:	21-614183	↓	FIELD QC TYPE:	NA	↓
LOCATION TYPE:	GENERIC	↓	FIELD PREP:	NA	↓
TOP DEPTH:	0	6	SAMPLE USAGE:	INV	↓
BOTTOM DEPTH:	0	7	SCREEN/PORT DESC:	NA	
FIELD MATRIX:	S	R	EXCAVATED: YES/NO/NA		
COMPOSITE TYPE:	NA		COMPOSITE TIME INTERVAL:	NA	WATER FLOWING: YES/NO/NA
BOREHOLE: YES/NO/NA	NO		BOREHOLE DECLINATION:	NA	BOREHOLE DIRECTION: NA

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	regular	8260B	125 ML SEPTUM AMBER GLASS	Ice	yes	
1	↓	8270C	250 ML AMBER GLASS	Ice	↓	
1	↓	AM+GS+U+PU+TH+SR90	1 LITER POLY	None	↓	
2	↓	ASBESTOS	125 ML GLASS	Ice	↓	
1	↓	H3	500 ML POLY	Ice	↓	+ Tc-99
1	↓	METALS-GEL	125 ML POLY	Ice	↓	
1	↓	Perchlorate+CN+N03+pH	500 ML POLY	Ice	↓	
1	↓	RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	No	

SAMPLE DESC: gray ash flow tuff, loose, slightly moist

SAMPLE COMMENTS: collected beneath base course at 6' bgs FTB - RE21-11-8024

LOCATION DESC: WP location 152-6

FIELD SCREENING/MEASUREMENT RESULTS:

Alpha = 15 dpm
Beta/Gamma = 699 dpm

PID $\frac{\text{Ambient Reading}}{\text{Reading}} = \text{ppm } \frac{0}{0}$

COLLECTED BY (PRINT) A. Furnall

REVIEWED BY (PRINT) J. Branch

RELINQUISHED BY (Printed Name) <u>Kim Orman</u> 	Date/Time <u>4/13/11</u> <u>1025</u>	RECEIVED BY (Printed Name) <u>Sherry Sheward</u> 	Date/Time <u>4/13/11</u> <u>1025</u>
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SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3445

EVENT NAME: Delta Prime East - Bldg. 21-152 - SWMU-21-011(b)

SAMPLE ID: RE21-11-7852

WORK ORDER:

	<u>AS PLANNED</u>	<u>AS COLLECTED</u>	<u>AS PLANNED</u>	<u>AS COLLECTED</u>
DATE COLLECTED(MM/DD/YYYY):		04/12/2011	MEDIA: ALLH	QBT3
TIME COLLECTED (HH:MM)		09:29	SUB-MEDIA: SOIL	Tuff
PRS ID: 21-011(b)		OK	SAMPLE TECH CODE: HA	OK
LOCATION ID: 21-614183		↓	FIELD QC TYPE: NA	↓
LOCATION TYPE: GENERIC		↓	FIELD PREP: NA	↓
TOP DEPTH: 0		8	SAMPLE USAGE: INV	↓
BOTTOM DEPTH: 0		9	SCREEN/PORT DESC: NA	
FIELD MATRIX: S		R	EXCAVATED: YES/NO/NA	
COMPOSITE TYPE: NA			COMPOSITE TIME INTERVAL: NA	
			WATER FLOWING: YES/NO/NA	
BOREHOLE: YES/NO/NA			BOREHOLE DECLINATION: NA	
			BOREHOLE DIRECTION: NA	

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	regular	8260B	125 ML SEPTUM AMBER GLASS	Ice	yes	
1	↓	8270C	250 ML AMBER GLASS	Ice	↓	
1	↓	AM+GS+U+PU+TH+SR90	1 LITER POLY	None	↓	
2	↓	ASBESTOS	125 ML GLASS	Ice	↓	
1	↓	H3	500 ML POLY	Ice	↓	+ Tc-99
1	↓	METALS-GEL	125 ML POLY	Ice	↓	
1	↓	Perchlorate+CN+N03+pH	500 ML POLY	Ice	↓	
1	↓	RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	No	

SAMPLE DESC: gray ash flow tuff, loose, slightly moist

SAMPLE COMMENTS:

None

FR-RE21-11-8035

LOCATION DESC:

wp location 152-6

FIELD SCREENING/MEASUREMENT RESULTS:

PID $\frac{\text{Ambient Reading}}{\text{Reading}} = \text{ppm } 0$

Alpha = 0 dpm

Beta/Gamma = 699 dpm

COLLECTED BY (PRINT)

A. Fumall

REVIEWED BY (PRINT)

J. Branch

RELINQUISHED BY (Printed Name) King Omen 	Date/Time 4/13/11 1025	RECEIVED BY (Printed Name) STEPHEN STEPHENSON 	Date/Time 4/13/11 1025
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SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3445

EVENT NAME: Delta Prime East - Bldg. 21-152 - SWMU-21-011(b)

SAMPLE ID: RE21-11-7853

WORK ORDER:

	AS PLANNED	AS COLLECTED		AS PLANNED	AS COLLECTED
DATE COLLECTED(MM/DD/YYYY):		04/13/2011	MEDIA:	ALLH	QBT3
TIME COLLECTED (HH:MM)		09:30	SUB-MEDIA:	SOIL	Tuff
PRS ID: 21-011(b)		OK	SAMPLE TECH CODE:	HA	OK
LOCATION ID: 21-614184		↓	FIELD QC TYPE:	NA	↓
LOCATION TYPE: GENERIC		↓	FIELD PREP:	NA	↓
TOP DEPTH: 0		6	SAMPLE USAGE:	INV	↓
BOTTOM DEPTH: 0		7	SCREEN/PORT DESC:	NA	
FIELD MATRIX: S		- R	EXCAVATED: YES (NO) / NA		
COMPOSITE TYPE: NA			COMPOSITE TIME INTERVAL: NA		WATER FLOWING: YES (NO) / NA
BOREHOLE: YES (NO) / NA			BOREHOLE DECLINATION: NA		BOREHOLE DIRECTION: NA

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	regular	8260B	125 ML SEPTUM AMBER GLASS	Ice	yes	
1	↓	8270C	250 ML AMBER GLASS	Ice	↓	
1	↓	AM+GS+U+PU+TH+SR90	1 LITER POLY	None	↓	
2	↓	ASBESTOS	125 ML GLASS	Ice	↓	
1	↓	H3	500 ML POLY	Ice	↓	+ Tc-99
1	↓	METALS-GEL	125 ML POLY	Ice	↓	
1	↓	Perchlorate+CN+N03+pH	500 ML POLY	Ice	↓	
1	↓	RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	No	

SAMPLE DESC: gray ash flow tuff, loose with welded fragments slightly moist, a few silty clay clumps

SAMPLE COMMENTS: collected beneath base course at 6' bgs

LOCATION DESC: FTB - RE21-11-8025

WP location 152-7

FIELD SCREENING/MEASUREMENT RESULTS:

Alpha = 31 dpm
Beta/Gamma = 466 dpm

PID $\frac{\text{Ambient Reading}}{\text{Reading}} = \text{ppm } 0$

COLLECTED BY (PRINT) A. Furrnell

REVIEWED BY (PRINT) J. Branch

RELINQUISHED BY (Printed Name) <u>KA Ciman</u> 	Date/Time <u>4/14/11</u> <u>1050</u>	RECEIVED BY (Printed Name) <u>Sherrin Sherwood</u> 	Date/Time <u>4/14/11</u> <u>1050</u>
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SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3445

EVENT NAME: Delta Prime East - Bldg. 21-152 - SWMU-21-011(b)

SAMPLE ID: RE21-11-7854

WORK ORDER:

	AS PLANNED	AS COLLECTED	AS PLANNED	AS COLLECTED
DATE COLLECTED(MM/DD/YYYY):		04/13/2011	MEDIA: ALLH	QBT3
TIME COLLECTED (HH:MM)		10:05	SUB-MEDIA: SOIL	Tuff
PRS ID: 21-011(b)		OK	SAMPLE TECH CODE: HA	OK
LOCATION ID: 21-614184		↓	FIELD QC TYPE: NA	↓
LOCATION TYPE: GENERIC		↓	FIELD PREP: NA	↓
TOP DEPTH: 0		8	SAMPLE USAGE: INV	↓
BOTTOM DEPTH: 0		9	SCREEN/PORT DESC: NA	
FIELD MATRIX: S		R	EXCAVATED: YES/NO/NA	
COMPOSITE TYPE: NA			COMPOSITE TIME INTERVAL: NA	WATER FLOWING: YES/NO/NA
BOREHOLE: YES/NO/NA			BOREHOLE DECLINATION: NA	BOREHOLE DIRECTION: NA

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	regular	8260B	125 ML SEPTUM AMBER GLASS	Ice	yes	
1	↓	8270C	250 ML AMBER GLASS	Ice	↓	
1	↓	AM+GS+U+PU+TH+SR90	1 LITER POLY	None	↓	
2	↓	ASBESTOS	125 ML GLASS	Ice	↓	
1	↓	H3	500 ML POLY	Ice	↓	+ Tc-99
1	↓	METALS-GEL	125 ML POLY	Ice	↓	
1	↓	Perchlorate+CN+N03+pH	500 ML POLY	Ice	↓	
1	↓	RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	No	

SAMPLE DESC: gray ash flow tuff, loose with welded fragments, slightly moist, some reddish clay clumps and brown silt

SAMPLE COMMENTS:

None

LOCATION DESC:

WP location 152-7

FIELD SCREENING/MEASUREMENT RESULTS:

PID $\frac{\text{Ambient Reading}}{\text{Reading}} = \text{ppm } \frac{0}{6}$

Alpha = 0 dpm

Beta/Gamma = 932 dpm

COLLECTED BY (PRINT) A. Furnall

REVIEWED BY (PRINT) J. Branch

RELINQUISHED BY	Date/Time	RECEIVED BY	Date/Time
(Printed Name) <u>Loudes Cordova</u>	<u>4/14/11</u>	(Printed Name) <u>STERN SHERWOOD</u>	<u>4/14/11</u>
<u>Loudes Cordova</u>	<u>10:55</u>	<u>Stern Sherwood</u>	<u>1055</u>

SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3445

EVENT NAME: Delta Prime East - Bldg. 21-152 - SWMU-21-011(b)

SAMPLE ID: RE21-11-7855

WORK ORDER:

	<u>AS PLANNED</u>	<u>AS COLLECTED</u>		<u>AS PLANNED</u>	<u>AS COLLECTED</u>
DATE COLLECTED(MM/DD/YYYY):		04/13/2011	MEDIA:	ALLH	QBT3
TIME COLLECTED (HH:MM)		11:00	SUB-MEDIA:	SOIL	Tuff
PRS ID:	21-011(b)	OK	SAMPLE TECH CODE:	HA	OK
LOCATION ID:	21-614185	↓	FIELD QC TYPE:	NA	↓
LOCATION TYPE:	GENERIC	↓	FIELD PREP:	NA	↓
TOP DEPTH:	0	6	SAMPLE USAGE:	INV	↓
BOTTOM DEPTH:	0	7	SCREEN/PORT DESC:	NA	
FIELD MATRIX:	S	R	EXCAVATED: YES <input checked="" type="radio"/> / NA		
COMPOSITE TYPE:	NA		COMPOSITE TIME INTERVAL:	NA	WATER FLOWING: YES <input checked="" type="radio"/> / NA
BOREHOLE: YES <input checked="" type="radio"/> / NA		BOREHOLE DECLINATION:	NA	BOREHOLE DIRECTION:	NA

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	regular	8260B	125 ML SEPTUM AMBER GLASS	Ice	yes	
1	↓	8270C	250 ML AMBER GLASS	Ice	↓	
1	↓	AM+GS+U+PU+TH+SR90	1 LITER POLY	None	↓	
2	↓	ASBESTOS	125 ML GLASS	Ice	↓	
1	↓	H3	500 ML POLY	Ice	↓	+ Tc-99
1	↓	METALS-GEL	125 ML POLY	Ice	↓	
1	↓	Perchlorate+CN+N03+pH	500 ML POLY	Ice	↓	
1	↓	RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	No	

SAMPLE DESC: grey ash flow tuff, loose with welded fragments, slightly moist

SAMPLE COMMENTS: collected beneath base course at 6' bgs

LOCATION DESC: WP location 152-8

FIELD SCREENING/MEASUREMENT RESULTS:

Alpha = 0 dpm
Gamma = 466 dpm

PiD $\frac{\text{Ambient Reading}}{\text{Reading}} = \text{ppm} \frac{0}{0}$

COLLECTED BY (PRINT) A. Fumall

REVIEWED BY (PRINT) J. Branch

RELINQUISHED BY (Printed Name) <u>Jim Oman</u>	Date/Time <u>4/14/11</u> <u>1050</u>	RECEIVED BY (Printed Name) <u>Sheri Sherwood</u>	Date/Time <u>4/14/11</u> <u>1050</u>
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SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3445

EVENT NAME: Delta Prime East - Bldg. 21-152 - SWMU-21-011(b)

SAMPLE ID: RE21-11-7856

WORK ORDER:

	<u>AS PLANNED</u>	<u>AS COLLECTED</u>		<u>AS PLANNED</u>	<u>AS COLLECTED</u>
DATE COLLECTED(MM/DD/YYYY):		04/13/2011	MEDIA:	ALLH	QBT3
TIME COLLECTED (HH:MM)		11:17	SUB-MEDIA:	SOIL	Tuff
PRS ID:	21-011(b)	OK	SAMPLE TECH CODE:	HA	OK
LOCATION ID:	21-614185	↓	FIELD QC TYPE:	NA	↓
LOCATION TYPE:	GENERIC	↓	FIELD PREP:	NA	↓
TOP DEPTH:	0	8	SAMPLE USAGE:	INV	↓
BOTTOM DEPTH:	0	9	SCREEN/PORT DESC:	NA	
FIELD MATRIX:	S	R	EXCAVATED: YES / <input checked="" type="radio"/> NO / NA		
COMPOSITE TYPE:	NA		COMPOSITE TIME INTERVAL:	NA	WATER FLOWING: YES / <input checked="" type="radio"/> NO / NA
BOREHOLE: YES / <input checked="" type="radio"/> NO / NA			BOREHOLE DECLINATION:	NA	BOREHOLE DIRECTION: NA

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	regular	8260B	125 ML SEPTUM AMBER GLASS	Ice	YES	
1	↓	8270C	250 ML AMBER GLASS	Ice	↓	
1	↓	AM+GS+U+PU+TH+SR90	1 LITER POLY	None	↓	
2	↓	ASBESTOS	125 ML GLASS	Ice	↓	
1	↓	H3	500 ML POLY	Ice	↓	+ Tc-99
1	↓	METALS-GEL	125 ML POLY	Ice	↓	
1	↓	Perchlorate+CN+N03+pH	500 ML POLY	Ice	↓	
1	↓	RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	No	

SAMPLE DESC: gray ash flow tuff, loose with welded fragments
slightly moist

SAMPLE COMMENTS:
None

LOCATION DESC:
WP location 152-8

FIELD SCREENING/MEASUREMENT RESULTS:

PID $\frac{\text{Ambient Reading}}{\text{Reading}} = \text{ppm } 0$

Alpha = $\frac{31}{699} \text{ dpm}$
Beta/Gamma = $\frac{699}{699} \text{ dpm}$

COLLECTED BY (PRINT) A. Furrall REVIEWED BY (PRINT) J. Branch

RELINQUISHED BY (Printed Name) <u>A. Furrall</u> <i>A. Furrall</i>	Date/Time <u>4/14/11</u> 1050	RECEIVED BY (Printed Name) <u>SHERY SHERWOOD</u> <i>Sheri Sherwood</i>	Date/Time <u>4/14/11</u> 1050
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SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3445

EVENT NAME: Delta Prime East - Bldg. 21-152 - SWMU-21-011(b)

SAMPLE ID: RE21-11-7857

WORK ORDER:

	<u>AS PLANNED</u>	<u>AS COLLECTED</u>		<u>AS PLANNED</u>	<u>AS COLLECTED</u>
DATE COLLECTED(MM/DD/YYYY):		04/13/2011	MEDIA:	ALLH	QBT3
TIME COLLECTED (HH:MM)		13:41	SUB-MEDIA:	SOIL	Tuff
PRS ID:	21-011(b)	OK	SAMPLE TECH CODE:	HA	OK
LOCATION ID:	21-614186	↓	FIELD QC TYPE:	NA	↓
LOCATION TYPE:	GENERIC	↓	FIELD PREP:	NA	↓
TOP DEPTH:	0	6	SAMPLE USAGE:	INV	↓
BOTTOM DEPTH:	0	7	SCREEN/PORT DESC:	NA	
FIELD MATRIX:	S	R	EXCAVATED: YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> NA		
COMPOSITE TYPE:	NA		COMPOSITE TIME INTERVAL:	NA	WATER FLOWING: YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> NA
BOREHOLE: YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> NA		BOREHOLE DECLINATION:	NA	BOREHOLE DIRECTION:	NA

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	regular	8260B	125 ML SEPTUM AMBER GLASS	Ice	yes	
1	↓	8270C	250 ML AMBER GLASS	Ice	↓	
1	↓	AM+GS+U+PU+TH+SR90	1 LITER POLY	None	↓	
2	↓	ASBESTOS	125 ML GLASS	Ice	↓	
1	↓	H3	500 ML POLY	Ice	↓	+ Tc-99
1	↓	METALS-GEL	125 ML POLY	Ice	↓	
1	↓	Perchlorate+CN+N03+pH	500 ML POLY	Ice	↓	
1	↓	RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	No	

SAMPLE DESC: gray ash flow tuff, loose, with welded fragments
slightly moist

SAMPLE COMMENTS:
collected beneath base course at 6' bgs

LOCATION DESC:
WP location 152-9

FIELD SCREENING/MEASUREMENT RESULTS:

PID $\frac{\text{Ambient Reading}}{\text{Reading}} = \text{ppm} \frac{0}{0}$

Alpha = $\frac{15}{699}$ dpm
Beta/Gamma = $\frac{699}{699}$ dpm

COLLECTED BY (PRINT) A. Fumall

REVIEWED BY (PRINT) J. Branch

RELINQUISHED BY (Printed Name) <u>Kim Oman</u> 	Date/Time <u>4/14/11</u> <u>1050</u>	RECEIVED BY (Printed Name) <u>SHERI SHERWOOD</u> 	Date/Time <u>4/14/11</u> <u>1050</u>
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SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3445

EVENT NAME: Delta Prime East - Bldg. 21-152 - SWMU-21-011(b)

SAMPLE ID: RE21-11-7858

WORK ORDER:

	<u>AS PLANNED</u>	<u>AS COLLECTED</u>		<u>AS PLANNED</u>	<u>AS COLLECTED</u>
DATE COLLECTED(MM/DD/YYYY):		04/13/2011	MEDIA:	ALLH	QBT3
TIME COLLECTED (HH:MM)		14:00	SUB-MEDIA:	SOIL	Tuff
PRS ID: 21-011(b)		OK	SAMPLE TECH CODE:	HA	OK
LOCATION ID: 21-614186		↓	FIELD QC TYPE:	NA	↓
LOCATION TYPE: GENERIC		↓	FIELD PREP:	NA	↓
TOP DEPTH: 0		8	SAMPLE USAGE:	INV	↓
BOTTOM DEPTH: 0		9	SCREEN/PORT DESC:	NA	
FIELD MATRIX: S		R	EXCAVATED: YES (NO) / NA		
COMPOSITE TYPE: NA			COMPOSITE TIME INTERVAL: NA		WATER FLOWING: YES (NO) NA
BOREHOLE: YES (NO) / NA			BOREHOLE DECLINATION: NA		BOREHOLE DIRECTION: NA

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	regular	8260B	125 ML SEPTUM AMBER GLASS	Ice	yes	
1		8270C	250 ML AMBER GLASS	Ice	↓	
1		AM+GS+U+PU+TH+SR90	1 LITER POLY	None	↓	
2		ASBESTOS	125 ML GLASS	Ice	↓	
1		H3	500 ML POLY	Ice	↓	+ Tc-99
1		METALS-GEL	125 ML POLY	Ice	↓	
1	↓	Perchlorate+CN+N03+pH	500 ML POLY	Ice	↓	
1		RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None		

SAMPLE DESC: gray ash flow tuff, loose with welded fragments slightly moist

SAMPLE COMMENTS: None

LOCATION DESC:

WP location 152-9

FIELD SCREENING/MEASUREMENT RESULTS:

PID $\frac{\text{Ambient Reading}}{\text{Reading}} = \frac{0.0}{0.0} = 0.0$ ppm
0.0 4/29/11 XC

Alpha = 93 dpm
 Beta/Gamma = 932 dpm

COLLECTED BY (PRINT) A. Furmell

REVIEWED BY (PRINT) J. Branch

RELINQUISHED BY (Printed Name) <u>Lourdes Cordova</u> <u>Lourdes Cordova</u>	Date/Time <u>4/14/11</u> <u>10:55</u>	RECEIVED BY (Printed Name) <u>STEVEN STEPHENSON</u> <u>Steven Stephenson</u>	Date/Time <u>4/14/11</u> <u>1055</u>
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SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3445

EVENT NAME: Delta Prime East - Bldg. 21-152 - SWMU-21-011(b)

SAMPLE ID: RE21-11-7859

WORK ORDER:

	<u>AS PLANNED</u>	<u>AS COLLECTED</u>		<u>AS PLANNED</u>	<u>AS COLLECTED</u>
DATE COLLECTED(MM/DD/YYYY):		04/13/2011	MEDIA:	ALLH	ok
TIME COLLECTED (HH:MM)		14:35	SUB-MEDIA:	SOIL	ok
PRS ID:	21-011(b)	ok	SAMPLE TECH CODE:	HA	ok
LOCATION ID:	21-614187	↓	FIELD QC TYPE:	NA	ok
LOCATION TYPE:	GENERIC	↓	FIELD PREP:	NA	ok
TOP DEPTH:	0	6.0	SAMPLE USAGE:	INV	ok
BOTTOM DEPTH:	0	7.0	SCREEN/PORT DESC:	N/A	ok
FIELD MATRIX:	S	ok	EXCAVATED: YES/NO/NA	N/A	ok
COMPOSITE TYPE:	N/A		COMPOSITE TIME INTERVAL:	N/A	WATER FLOWING: YES/NO/NA
BOREHOLE: YES (NO) NA	(NO) NA		BOREHOLE DECLINATION:	N/A	BOREHOLE DIRECTION: N/A

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	Regular	8260B	125 ML SEPTUM AMBER GLASS	Ice	Y	
1	↓	8270C	250 ML AMBER GLASS	Ice	Y	
1	↓	AM+GS+U+PU+TH+SR90	1 LITER POLY	None	Y	
2	↓	ASBESTOS	125 ML GLASS	Ice	Y	
1	↓	H3	500 ML POLY	Ice	Y	+ Tc-99
1	↓	METALS-GEL	125 ML POLY	Ice	Y	
1	↓	Perchlorate+CN+N03+pH	500 ML POLY	Ice	Y	
1	↓	RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	N	

SAMPLE DESC: Light Brown/Orange fill w/ tuff fragments.

SAMPLE COMMENTS: Sample collected beneath base course @ 6.0' bgs

LOCATION DESC: WP location #10 (152-10)

FIELD SCREENING/MEASUREMENT RESULTS:

Alpha = $\frac{0}{dpm}$
 Beta/Gamma = $\frac{699}{dpm}$
 PID $\frac{\text{Ambient Reading}}{\text{Reading}} = ppm \frac{0}{0}$

COLLECTED BY (PRINT) J. Branch REVIEWED BY (PRINT) A. Furnell

RELINQUISHED BY (Printed Name) <u>K. A. Oman</u> <u>K. A. Oman</u>	Date/Time <u>4/14/11</u> <u>1047</u>	RECEIVED BY (Printed Name) <u>Sherry Steerwood</u> <u>Sherry Steerwood</u>	Date/Time <u>4/14/11</u> <u>1047</u>
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SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3445

EVENT NAME: Delta Prime East - Bldg. 21-152 - SWMU-21-011(b)

SAMPLE ID: RE21-11-7860

WORK ORDER:

	AS PLANNED	AS COLLECTED		AS PLANNED	AS COLLECTED
DATE COLLECTED(MM/DD/YYYY):		04/13/2011	MEDIA:	ALLH	QBT3
TIME COLLECTED (HH:MM)		15:07	SUB-MEDIA:	SOIL	Tuff
PRS ID: 21-011(b)		ok	SAMPLE TECH CODE:	HA	ok
LOCATION ID: 21-614187		↓	FIELD QC TYPE:	NA	
LOCATION TYPE: GENERIC		↓	FIELD PREP:	NA	
TOP DEPTH: 0		8.0	SAMPLE USAGE:	INV	↓
BOTTOM DEPTH: 0		9.0	SCREEN/PORT DESC:	N/A	
FIELD MATRIX: S		R	EXCAVATED: YES/NO	NA	
COMPOSITE TYPE: N/A			COMPOSITE TIME INTERVAL: N/A		WATER FLOWING: YES/NO/NA
BOREHOLE: YES/NO/NA			BOREHOLE DECLINATION: N/A		BOREHOLE DIRECTION: N/A

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	Regular	8260B	125 ML SEPTUM AMBER GLASS	Ice	Y	
1		8270C	250 ML AMBER GLASS	Ice		
1		AM+GS+U+PU+TH+SR90	1 LITER POLY	None		
2		ASBESTOS	125 ML GLASS	Ice		
1		H3	500 ML POLY	Ice		+ Tc-99
1		METALS-GEL	125 ML POLY	Ice		
1	↓	Perchlorate+CN+N03+pH	500 ML POLY	Ice	↓	
1		RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	N	

SAMPLE DESC: Dark Brown, indurated, moist tuff.

SAMPLE COMMENTS: None

LOCATION DESC: WP Location 152-10

FIELD SCREENING/MEASUREMENT RESULTS:

Alpha = 0 dpm
Beta/Gamma = 233 dpm

PID $\frac{\text{Ambient Reading}}{\text{Reading}} = \text{ppm } \frac{0}{0}$

COLLECTED BY (PRINT) J. Branch

REVIEWED BY (PRINT) A. Fumoll

RELINQUISHED BY	Date/Time	RECEIVED BY	Date/Time
(Printed Name) Lourdes Cordova	4/14/11	(Printed Name) STEPHEN STEWART	4/14/11
Lourdes Cordova	10:55	Stephen Stewart	1655

SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3445

EVENT NAME: Delta Prime East - Bldg. 21-152 - SWMU-21-011(b)

SAMPLE ID: RE21-11-7861

WORK ORDER:

	AS PLANNED	AS COLLECTED		AS PLANNED	AS COLLECTED
DATE COLLECTED(MM/DD/YYYY):		04/15/2011	MEDIA:	ALLH	QBT3
TIME COLLECTED (HH:MM)		09:36	SUB-MEDIA:	SOIL	Tuff
PRS ID: 21-011(b)		OK	SAMPLE TECH CODE:	HA	OK
LOCATION ID: 21-614188		↓	FIELD QC TYPE:	NA	↓
LOCATION TYPE: GENERIC		↓	FIELD PREP:	NA	↓
TOP DEPTH: 0		6	SAMPLE USAGE:	INV	↓
BOTTOM DEPTH: 0		7	SCREEN/PORT DESC:	NA	
FIELD MATRIX: S		R	EXCAVATED: YES <input checked="" type="radio"/> NO <input type="radio"/> NA		
COMPOSITE TYPE: NA			COMPOSITE TIME INTERVAL: NA		WATER FLOWING: YES <input checked="" type="radio"/> NO <input type="radio"/> NA
BOREHOLE: YES <input checked="" type="radio"/> NO <input type="radio"/> NA			BOREHOLE DECLINATION: NA		BOREHOLE DIRECTION: NA

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	regular	8260B	125 ML SEPTUM AMBER GLASS	Ice	yes	
1	↓	8270C	250 ML AMBER GLASS	Ice	↓	
1		AM+GS+U+PU+TH+SR90	1 LITER POLY	None	↓	
2		ASBESTOS	125 ML GLASS	Ice	↓	
1		H3	500 ML POLY	Ice	↓	+ Tc-99
1		METALS-GEL	125 ML POLY	Ice	↓	
1	↓	Perchlorate+CN+N03+pH	500 ML POLY	Ice	↓	
1		RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	No	

SAMPLE DESC: gray ash flow tuff, slightly moist

FD - RE21-11-8010

SAMPLE COMMENTS:

collected beneath base course at 6' bgs

LOCATION DESC:

WP location 152-12

FIELD SCREENING/MEASUREMENT RESULTS:

PID $\frac{\text{Ambient Reading}}{\text{Reading}} = \text{ppm} \frac{0}{0}$

Alpha = $\frac{31}{466} \text{ dpm}$
Beta/Gamma = $\frac{466}{466} \text{ dpm}$

COLLECTED BY (PRINT) A. Fursmoll

REVIEWED BY (PRINT) S. Alaniz

RELINQUISHED BY (Printed Name) Lourdes Cordova <i>Lourdes Cordova</i>	Date/Time 4/15/11 2:00	RECEIVED BY (Printed Name) <i>K. Guert</i> <i>[Signature]</i>	Date/Time 4/15/11 2:00
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SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3445

EVENT NAME: Delta Prime East - Bldg. 21-152 - SWMU-21-011(b)

SAMPLE ID: RE21-11-7862

WORK ORDER:

	<u>AS PLANNED</u>	<u>AS COLLECTED</u>		<u>AS PLANNED</u>	<u>AS COLLECTED</u>
DATE COLLECTED(MM/DD/YYYY):		04/15/2011	MEDIA:	ALLH	QBT3
TIME COLLECTED (HH:MM)		09:50	SUB-MEDIA:	SOIL	Tuff
PRS ID: 21-011(b)		OK	SAMPLE TECH CODE: HA		OK
LOCATION ID: 21-614188		↓	FIELD QC TYPE: NA		↓
LOCATION TYPE: <u>GENERIC</u>		↓	FIELD PREP: NA		↓
TOP DEPTH: 0		8	SAMPLE USAGE: <u>INV</u>		↓
BOTTOM DEPTH: 0		9	SCREEN/PORT DESC: NA		
FIELD MATRIX: S		R	EXCAVATED: YES <input checked="" type="radio"/> NO <input type="radio"/> NA		
COMPOSITE TYPE: NA			COMPOSITE TIME INTERVAL: NA		WATER FLOWING: YES <input checked="" type="radio"/> NO <input type="radio"/> NA
BOREHOLE: YES <input checked="" type="radio"/> NO <input type="radio"/> NA			BOREHOLE DECLINATION: NA		BOREHOLE DIRECTION: NA

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	regular	8260B	125 ML SEPTUM AMBER GLASS	Ice	yes	
1	↓	8270C	250 ML AMBER GLASS	Ice	↓	
1	↓	AM+GS+U+PU+TH+SR90	1 LITER POLY	None	↓	
2	↓	ASBESTOS	125 ML GLASS	Ice	↓	
1	↓	H3	500 ML POLY	Ice	↓	+ Tc-99
1	↓	METALS-GEL	125 ML POLY	Ice	↓	
1	↓	Perchlorate+CN+N03+pH	500 ML POLY	Ice	↓	
1	↓	RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	No	

SAMPLE DESC: gray ash flow tuff with weathered zones, slightly moist

SAMPLE COMMENTS: FTB-RE21-8027

LOCATION DESC: WP location 152-12

FIELD SCREENING/MEASUREMENT RESULTS:

PID $\frac{\text{Ambient Reading}}{\text{Reading}} = \text{ppm} \frac{0}{0}$

Alpha = 62 dpm
Beta/Gamma = 466 dpm

COLLECTED BY (PRINT) A. Fumall

REVIEWED BY (PRINT) S. Alaniz

RELINQUISHED BY (Printed Name) Lourdes Cordova <i>Lourdes Cordova</i>	Date/Time 4/14/11 2:00	RECEIVED BY (Printed Name) K. O'Connell <i>[Signature]</i>	Date/Time 4/15/11 2:00
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SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3445

EVENT NAME: Delta Prime East - Bldg. 21-152 - SWMU-21-011(b)

SAMPLE ID: RE21-11-7863

WORK ORDER:

	<u>AS PLANNED</u>	<u>AS COLLECTED</u>	<u>AS PLANNED</u>	<u>AS COLLECTED</u>
DATE COLLECTED(MM/DD/YYYY):		04/15/2011	MEDIA: ALLH	OK
TIME COLLECTED (HH:MM)		10:45	SUB-MEDIA: SOIL	
PRS ID: 21-011(b)		OK	SAMPLE TECH CODE: HA	
LOCATION ID: 21-614189		↓	FIELD QC TYPE: NA	
LOCATION TYPE: <u>GENERIC</u>		↓	FIELD PREP: NA	
TOP DEPTH: 0		6	SAMPLE USAGE: <u>INV</u>	↓
BOTTOM DEPTH: 0		7	SCREEN/PORT DESC: NA	
FIELD MATRIX: S		OK	EXCAVATED: YES/ <input checked="" type="radio"/> NO/NA	
COMPOSITE TYPE: NA			COMPOSITE TIME INTERVAL: NA	WATER FLOWING: YES/ <input checked="" type="radio"/> NO/NA
BOREHOLE: YES/ <input checked="" type="radio"/> NO/NA			BOREHOLE DECLINATION: NA	BOREHOLE DIRECTION: NA

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	regular	8260B	125 ML SEPTUM AMBER GLASS	Ice	yes	
1	↓	8270C	250 ML AMBER GLASS	Ice	↓	
1	↓	AM+GS+U+PU+TH+SR90	1 LITER POLY	None	↓	
2	↓	ASBESTOS	125 ML GLASS	Ice	↓	
1	↓	H3	500 ML POLY	Ice	↓	+ Tc-99
1	↓	METALS-GEL	125 ML POLY	Ice	↓	
1	↓	Perchlorate+CN+N03+pH	500 ML POLY	Ice	↓	
1	↓	RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	No	

SAMPLE DESC: brown sandy silt with cobbles, moist, forms clumps approx 30% gray ash flow tuff (QR13)

SAMPLE COMMENTS: collected beneath base course at 6' bgs hit tuff ~6.7' bgs

LOCATION DESC: WP location 152-13

FIELD SCREENING/MEASUREMENT RESULTS:

Alpha = 77 dpm
Beta/Gamma = 466 dpm

PID $\frac{\text{Ambient Reading}}{\text{Reading}} = \text{PID} \frac{0}{0}$

COLLECTED BY (PRINT) A. Fumall REVIEWED BY (PRINT) S. Alanis

RELINQUISHED BY (Printed Name) <u>Lourdes Cardia</u> <u>Lourdes Cardia</u>	Date/Time <u>4/15/11</u> <u>2:00</u>	RECEIVED BY (Printed Name) <u>K. Green</u> <u>[Signature]</u>	Date/Time <u>4/15/11</u> <u>2:00</u>
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SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3445

EVENT NAME: Delta Prime East - Bldg. 21-152 - SWMU-21-011(b)

SAMPLE ID: RE21-11-7864

WORK ORDER:

	<u>AS PLANNED</u>	<u>AS COLLECTED</u>		<u>AS PLANNED</u>	<u>AS COLLECTED</u>
DATE COLLECTED(MM/DD/YYYY):		04/15/2011	MEDIA:	ALLH	QBT3
TIME COLLECTED (HH:MM)		10:55	SUB-MEDIA:	SOIL	Tuff
PRS ID: 21-011(b)		OK	SAMPLE TECH CODE:	HA	OK
LOCATION ID: 21-614189		↓	FIELD QC TYPE:	NA	↓
LOCATION TYPE: GENERIC		↓	FIELD PREP:	NA	↓
TOP DEPTH: 0		8	SAMPLE USAGE:	INV	↓
BOTTOM DEPTH: 0		9	SCREEN/PORT DESC:	NA	
FIELD MATRIX: S		R	EXCAVATED: YES/NO/NA	(NO) NA	
COMPOSITE TYPE: NA			COMPOSITE TIME INTERVAL: NA		WATER FLOWING: YES/(NO) NA
BOREHOLE: YES/(NO) NA			BOREHOLE DECLINATION: NA		BOREHOLE DIRECTION: NA

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	regular	8260B	125 ML SEPTUM AMBER GLASS	Ice	yes	
1	↓	8270C	250 ML AMBER GLASS	Ice	↓	
1	↓	AM+GS+U+PU+TH+SR90	1 LITER POLY	None	↓	
2	↓	ASBESTOS	125 ML GLASS	Ice	↓	
1	↓	H3	500 ML POLY	Ice	↓	+ Tc-99
1	↓	METALS-GEL	125 ML POLY	Ice	↓	
1	↓	Perchlorate+CN+N03+pH	500 ML POLY	Ice	↓	
1	↓	RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	No	

SAMPLE DESC: gray/brown ash flow tuff, moist, some weathered zones

SAMPLE COMMENTS:

None

LOCATION DESC:

WP location 152-13

FIELD SCREENING/MEASUREMENT RESULTS:

Alpha = 108 dpm
Beta/Gamma = 233 dpm

PID $\frac{\text{Ambient Reading}}{\text{Reading}} = \text{ppm} \frac{0}{0}$

COLLECTED BY (PRINT) A. Furrnell

REVIEWED BY (PRINT) E. Alanis

RELINQUISHED BY (Printed Name) <u>Louides Cordova</u> <u>Louides Cordova</u>	Date/Time μ <u>4/15/11</u> <u>2:00</u>	RECEIVED BY (Printed Name) <u>K. G. ...</u> <u>[Signature]</u>	Date/Time <u>4/15/11</u> <u>2:00</u>
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SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3445

EVENT NAME: Delta Prime East - Bldg. 21-152 - SWMU-21-011(b)

SAMPLE ID: RE21-11-7865

WORK ORDER:

	AS PLANNED	AS COLLECTED	AS PLANNED	AS COLLECTED
DATE COLLECTED(MM/DD/YYYY):		4/18/2011	MEDIA: ALLH	GBT3
TIME COLLECTED (HH:MM)		09:30	SUB-MEDIA: SOIL	Tuff
PRS ID: 21-011(b)		OK	SAMPLE TECH CODE: HA	OK
LOCATION ID: 21-614190		↓	FIELD QC TYPE: NA	↓
LOCATION TYPE: GENERIC		↓	FIELD PREP: NA	↓
TOP DEPTH: 94		9 6-7 ft 4/18/11	SAMPLE USAGE: INV	NA 4/18 OK
BOTTOM DEPTH: 0		↓ 7	SCREEN/PORT DESC: NA	
FIELD MATRIX: S		R	EXCAVATED: YES (NO) NA	
COMPOSITE TYPE: NA			COMPOSITE TIME INTERVAL: NA	WATER FLOWING: YES/NO (NA)
BOREHOLE: YES (NO) NA			BOREHOLE DECLINATION: NA	BOREHOLE DIRECTION: NA

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	Regular	8260B	125 ML SEPTUM AMBER GLASS	Ice	Y	
1		8270C	250 ML AMBER GLASS	Ice	↓	
1		AM+GS+U+PU+TH+SR90	1 LITER POLY	None	↓	
2		ASBESTOS	125 ML GLASS	Ice	↓	
1		H3	500 ML POLY	Ice	↓	+ Tc-99
1		METALS-GEL	125 ML POLY	Ice	↓	
1	↓	Perchlorate+CN+N03+pH	500 ML POLY	Ice	↓	
1	NA	RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	N	

SAMPLE DESC: Purplish-gray moist tuff

FTB: RE21-11-8028

SAMPLE COMMENTS: Sample collected beneath base course at 6-7 ft bgs

LOCATION DESC: 94 4/18
WPSF 14

FIELD SCREENING/MEASUREMENT RESULTS:

$$CID \frac{\text{Ambient Reading}}{\text{Reading}} = \text{ppm } \frac{0}{0}$$

$$\text{Alpha} = \frac{7}{14.17} \frac{94/18}{\text{dpm}}$$

$$\text{Beta/Gamma} = \frac{73}{\text{dpm}}$$

COLLECTED BY (PRINT) Glenda S. Fred REVIEWED BY (PRINT) J. Branch

RELINQUISHED BY (Printed Name) <u>Lourdes Cordova</u> <u>Lourdes Cordova</u>	Date/Time <u>4/19/11</u> <u>10:20</u>	RECEIVED BY (Printed Name) <u>JVACA</u> <u>Joseph G</u>	Date/Time <u>4/19/11</u> <u>10:20</u>
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SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3445

EVENT NAME: Delta Prime East - Bldg. 21-152 - SWMU-21-011(b)

SAMPLE ID: RE21-11-7866

WORK ORDER:

	<u>AS PLANNED</u>	<u>AS COLLECTED</u>	<u>AS PLANNED</u>	<u>AS COLLECTED</u>
DATE COLLECTED(MM/DD/YYYY):		<u>4/18/2011</u>	MEDIA: <u>ALLH</u>	<u>QBT3</u>
TIME COLLECTED (HH:MM)		<u>10:20</u>	SUB-MEDIA: <u>SOIL</u>	<u>Tuff</u>
PRS ID: <u>21-011(b)</u>		<u>OK</u>	SAMPLE TECH CODE: <u>HA</u>	<u>OK</u>
LOCATION ID: <u>21-614190</u>		<u> </u>	FIELD QC TYPE: <u>NA</u>	<u> </u>
LOCATION TYPE: <u>GENERIC</u>		<u> </u>	FIELD PREP: <u>NA</u>	<u>↓</u>
TOP DEPTH: <u>0</u>		<u>9 1/8 8</u>	SAMPLE USAGE: <u>INV</u>	<u>NA 9 1/8 OK</u>
BOTTOM DEPTH: <u>0</u>		<u>9 1/8 9</u>	SCREEN/PORT DESC: <u>NA</u>	
FIELD MATRIX: <u>S</u>		<u>R</u>	EXCAVATED: YES <input checked="" type="radio"/> NO <input type="radio"/> NA	
COMPOSITE TYPE: <u>NA</u>		COMPOSITE TIME INTERVAL: <u>NA</u>	WATER FLOWING: YES <input checked="" type="radio"/> NO <input type="radio"/> NA	
BOREHOLE: YES <input checked="" type="radio"/> NO <input type="radio"/> NA		BOREHOLE DECLINATION: <u>NA</u>	BOREHOLE DIRECTION: <u>NA</u>	

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	<u>Regular</u>	8260B	125 ML SEPTUM AMBER GLASS	Ice	<u>Y</u>	
1		8270C	250 ML AMBER GLASS	Ice	<u> </u>	
1		AM+GS+U+PU+TH+SR90	1 LITER POLY	None	<u> </u>	
2		ASBESTOS	125 ML GLASS	Ice	<u> </u>	
1		H3	500 ML POLY	Ice	<u> </u>	+ Tc-99
1		METALS-GEL	125 ML POLY	Ice	<u> </u>	
1	<u>↓</u>	Perchlorate+CN+N03+pH	500 ML POLY	Ice	<u>↓</u>	
1	<u>NA</u>	RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	<u>N</u>	

SAMPLE DESC: Purpleish-gray moist tuff

SAMPLE COMMENTS: None

LOCATION DESC: WP 14

FIELD SCREENING/MEASUREMENT RESULTS: α = $\frac{550 - 242}{74} \times \frac{1}{10} = 7.4$ dpm
 β /Gamma = $\frac{409}{73} = 5.6$ dpm
 PID $\frac{\text{Ambient Reading}}{\text{Reading}} = \text{ppm} \frac{0}{0}$

COLLECTED BY (PRINT) Glenda S. Fred REVIEWED BY (PRINT) J. Branch

RELINQUISHED BY (Printed Name) <u>Loudes Cordova</u> <u>Loudes Cordova</u>	Date/Time <u>4/19/11</u> <u>10:20</u>	RECEIVED BY (Printed Name) <u>J. Branch</u> <u>J. Branch</u>	Date/Time <u>4/19/11</u> <u>1020</u>
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SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3445

EVENT NAME: Delta Prime East - Bldg. 21-152 - SWMU-21-011(b)

SAMPLE ID: RE21-11-7867

WORK ORDER:

	<u>AS PLANNED</u>	<u>AS COLLECTED</u>		<u>AS PLANNED</u>	<u>AS COLLECTED</u>
DATE COLLECTED(MM/DD/YYYY):		4/18/2011	MEDIA:	ALLH	QBT 3
TIME COLLECTED (HH:MM)		11:00	SUB-MEDIA:	SOIL	Tuff
PRS ID:	21-011(b)	OK	SAMPLE TECH CODE:	HA	OK
LOCATION ID:	21-614191	↓	FIELD QC TYPE:	NA	↓
LOCATION TYPE:	GENERIC	↓	FIELD PREP:	NA	↓
TOP DEPTH:	0	6	SAMPLE USAGE:	INV	↓
BOTTOM DEPTH:	0	7	SCREEN/PORT DESC:	NA	↓
FIELD MATRIX:	S	R	EXCAVATED: YES <input checked="" type="radio"/> NO <input type="radio"/> NA		
COMPOSITE TYPE:	NA		COMPOSITE TIME INTERVAL:	NA	WATER FLOWING: YES <input type="radio"/> NO <input checked="" type="radio"/> NA
BOREHOLE: YES <input checked="" type="radio"/> NO <input type="radio"/> NA		BOREHOLE DECLINATION:	NA		BOREHOLE DIRECTION:
					NA

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	Regular	8260B	125 ML SEPTUM AMBER GLASS	Ice	Y	
1	↓	8270C	250 ML AMBER GLASS	Ice	↓	
1	↓	AM+GS+U+PU+TH+SR90	1 LITER POLY	None	↓	
2	↓	ASBESTOS	125 ML GLASS	Ice	↓	
1	↓	H3	500 ML POLY	Ice	↓	+ Tc-99
1	↓	METALS-GEL	125 ML POLY	Ice	↓	
1	↓	Perchlorate+CN+N03+pH	500 ML POLY	Ice	↓	
1	NA	RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	N	

SAMPLE DESC: Purplish-grey moist tuff

SAMPLE COMMENTS: Sample collected beneath base-course at 6-TF4 bgs

LOCATION DESC: WP 15

FIELD SCREENING/MEASUREMENT RESULTS: $PiD \frac{\text{Ambient Reading}}{\text{Reading}} = \text{ppm} \frac{C}{O}$ Alpha = 0 dpm Beta/Gamma = 37 dpm

COLLECTED BY (PRINT) Glenda S. Fred REVIEWED BY (PRINT) J. Branch

RELINQUISHED BY (Printed Name) <u>Lourdes Cordove</u> <u>Lourdes Cordove</u>	Date/Time <u>4/19/11</u> <u>10:20</u>	RECEIVED BY <u>JVATA</u> (Printed Name) <u>Jayluis</u>	Date/Time <u>4/19/11</u> <u>10:20</u>
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SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3445

EVENT NAME: Delta Prime East - Bldg. 21-152 - SWMU-21-011(b)

SAMPLE ID: RE21-11-7868

WORK ORDER:

	AS PLANNED	AS COLLECTED		AS PLANNED	AS COLLECTED
DATE COLLECTED(MM/DD/YYYY):		4/18/2011	MEDIA:	ALLH	QBT3
TIME COLLECTED (HH:MM)		11:35	SUB-MEDIA:	SOIL	TUFF
PRS ID:	21-011(b)	OK	SAMPLE TECH CODE:	HA	OK
LOCATION ID:	21-614191	↓	FIELD QC TYPE:	NA	↓
LOCATION TYPE:	GENERIC	↓	FIELD PREP:	NA	↓
TOP DEPTH:	0	8	SAMPLE USAGE:	INV	↓
BOTTOM DEPTH:	0	9	SCREEN/PORT DESC:	NA	↓
FIELD MATRIX:	S	R	EXCAVATED: YES (NO) / NA		
COMPOSITE TYPE:	NA		COMPOSITE TIME INTERVAL:	NA	WATER FLOWING: YES (NO) / NA
BOREHOLE: YES (NO) NA			BOREHOLE DECLINATION:	NA	BOREHOLE DIRECTION: NA

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	Regular	8260B	125 ML SEPTUM AMBER GLASS	Ice	Y	
1		8270C	250 ML AMBER GLASS	Ice		
1		AM+GS+U+PU+TH+SR90	1 LITER POLY	None		
2		ASBESTOS	125 ML GLASS	Ice		
1		H3	500 ML POLY	Ice		+ Tc-99
1		METALS-GEL	125 ML POLY	Ice		
1	↓	Perchlorate+CN+N03+pH	500 ML POLY	Ice	↓	
1	NA	RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	N	

SAMPLE DESC: Purplish-grey moist tuff

SAMPLE COMMENTS: None

LOCATION DESC: WP 15

FIELD SCREENING/MEASUREMENT RESULTS: PID $\frac{\text{Ambient Reading}}{\text{Reading}} = \text{ppm} \frac{0}{0}$ Alpha = $\frac{21}{110}$ dpm Beta/Gamma = $\frac{110}{110}$ dpm

COLLECTED BY (PRINT) Glenda S. Fred REVIEWED BY (PRINT) J. Branch

RELINQUISHED BY (Printed Name) <u>Loures Cordova</u> <u>Loures Cordova</u>	Date/Time <u>4/19/11</u> <u>10:20</u>	RECEIVED BY (Printed Name) <u>JVANDA</u> <u>Jayla</u>	Date/Time <u>4/19/11</u> <u>10:20</u>
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SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3445

EVENT NAME: Delta Prime East - Bldg. 21-152 - SWMU-21-011(b)

SAMPLE ID: RE21-11-7869

WORK ORDER:

	<u>AS PLANNED</u>	<u>AS COLLECTED</u>		<u>AS PLANNED</u>	<u>AS COLLECTED</u>
DATE COLLECTED(MM/DD/YYYY):		4/18/2011	MEDIA:	ALLH	OK
TIME COLLECTED (HH:MM)		2:07 4/18/11 14:07	SUB-MEDIA:	SOIL	OK
PRS ID: 21-011(b)		OK	SAMPLE TECH CODE:	HA	OK
LOCATION ID: 21-614192		OK	FIELD QC TYPE:	NA	↓
LOCATION TYPE: <u>GENERIC</u>		OK	FIELD PREP:	NA	↓
TOP DEPTH: 0		6	SAMPLE USAGE:	INV	↓
BOTTOM DEPTH: 0		7	SCREEN/PORT DESC:	NA	↓
FIELD MATRIX: S		OK	EXCAVATED: YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> NA		
COMPOSITE TYPE: NA			COMPOSITE TIME INTERVAL: NA		WATER FLOWING: YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> NA
BOREHOLE: YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> NA			BOREHOLE DECLINATION: NA		BOREHOLE DIRECTION: NA

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	Regular	8260B	125 ML SEPTUM AMBER GLASS	Ice	Y	
1	↓	8270C	250 ML AMBER GLASS	Ice	↓	
1	↓	AM+GS+U+PU+TH+SR90	1 LITER POLY	None	↓	
2	↓	ASBESTOS	125 ML GLASS	Ice	↓	
1	↓	H3	500 ML POLY	Ice	↓	+ Tc-99
1	↓	METALS-GEL	125 ML POLY	Ice	↓	
1	↓	Perchlorate+CN+N03+pH	500 ML POLY	Ice	↓	
1	NA	RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	N	

SAMPLE DESC: Redish-brown silty soil with some tuff fragments

SAMPLE COMMENTS: Sample collected beneath base-course 6-7 ft bgs

LOCATION DESC: WP Location # 16

FIELD SCREENING/MEASUREMENT RESULTS: Alpha = 7 dpm
Beta/Gamma = 37 dpm
PID $\frac{\text{Ambient Reading}}{\text{Reading}} = \text{ppm} \frac{0}{0}$

COLLECTED BY (PRINT) Glenda S. Fred REVIEWED BY (PRINT) J. Branch

RELINQUISHED BY (Printed Name) <u>Lourdes Cordova</u> <u>Lourdes Cordova</u>	Date/Time <u>4/19/11</u> <u>10:20</u>	RECEIVED BY <u>J Valdez</u> <u>Jayway</u>	Date/Time <u>4/19/11</u> <u>10:20</u>
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SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3445

EVENT NAME: Delta Prime East - Bldg. 21-152 - SWMU-21-011(b)

SAMPLE ID: RE21-11-7870

WORK ORDER:

	<u>AS PLANNED</u>	<u>AS COLLECTED</u>		<u>AS PLANNED</u>	<u>AS COLLECTED</u>
DATE COLLECTED(MM/DD/YYYY):		4/18/2011	MEDIA:	ALLH	QBT3
TIME COLLECTED (HH:MM)		14:22	SUB-MEDIA:	SOIL	Tuff
PRS ID:	21-011(b)	OK	SAMPLE TECH CODE:	HA	OK
LOCATION ID:	21-614192	OK	FIELD QC TYPE:	NA	
LOCATION TYPE:	GENERIC	OK	FIELD PREP:	NA	↓
TOP DEPTH:	0	8	SAMPLE USAGE:	INV	
BOTTOM DEPTH:	0	9	SCREEN/PORT DESC:	NA	
FIELD MATRIX:	S	R	EXCAVATED: YES (NO) / NA		
COMPOSITE TYPE:	NA		COMPOSITE TIME INTERVAL:	NA	WATER FLOWING: YES (NO) / NA
BOREHOLE: YES (NO) / NA		BOREHOLE DECLINATION:	NA	BOREHOLE DIRECTION:	NA

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	Regular	8260B	125 ML SEPTUM AMBER GLASS	Ice	Y	
1	↓	8270C	250 ML AMBER GLASS	Ice	↓	
1	↓	AM+GS+U+PU+TH+SR90	1 LITER POLY	None	↓	
2	↓	ASBESTOS	125 ML GLASS	Ice	↓	
1	↓	H3	500 ML POLY	Ice	↓	+ Tc-99
1	↓	METALS-GEL	125 ML POLY	Ice	↓	
1	↓	Perchlorate+CN+N03+pH	500 ML POLY	Ice	↓	
1	NA	RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	N	

SAMPLE DESC: Brown tuff with tuff like intrusion

SAMPLE COMMENTS: None

LOCATION DESC: WP Location #16

FIELD SCREENING/MEASUREMENT RESULTS: Alpha = 0 dpm PID $\frac{\text{Ambient Reading}}{\text{Reading}} = \text{ppm} \frac{0}{0}$
Beta/Gamma = 0 dpm

COLLECTED BY (PRINT) Glenda S. Fred REVIEWED BY (PRINT) J. Branch

RELINQUISHED BY (Printed Name) <u>Lourdes Cordova</u> Lourdes Cordova	Date/Time <u>4/19/11</u> <u>10:20</u>	RECEIVED BY (Printed Name) <u>J. Valdez</u> J. Valdez	Date/Time <u>4/19/11</u> <u>10:20</u>
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SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3445

EVENT NAME: Delta Prime East - Bldg. 21-152 - SWMU-21-011(b)

SAMPLE ID: RE21-11-7871

WORK ORDER:

	<u>AS PLANNED</u>	<u>AS COLLECTED</u>		<u>AS PLANNED</u>	<u>AS COLLECTED</u>	
DATE COLLECTED(MM/DD/YYYY):		4/20/2011	MEDIA:	ALLH	QBT3	
TIME COLLECTED (HH:MM)		11:30	SUB-MEDIA:	SOIL	TUFF	
PRS ID:	21-011(b)	OK	SAMPLE TECH CODE:	HA	OK	
LOCATION ID:	21-614193	OK	FIELD QC TYPE:	NA	↓	
LOCATION TYPE:	GENERIC	OK	FIELD PREP:	NA		
TOP DEPTH:	0	6	SAMPLE USAGE:	INV		
BOTTOM DEPTH:	0	7	SCREEN/PORT DESC:	NA		
FIELD MATRIX:	S	R	EXCAVATED: YES/NO/NA	NO/NA		
COMPOSITE TYPE:	NA		COMPOSITE TIME INTERVAL:	NA	WATER FLOWING: YES/NO/NA	
BOREHOLE: YES/NO/NA	NO/NA		BOREHOLE DECLINATION:	NA	BOREHOLE DIRECTION:	NA

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	Regular	8260B	125 ML SEPTUM AMBER GLASS	Ice	Y	
1	↓	8270C	250 ML AMBER GLASS	Ice	↓	
1	↓	AM+GS+U+PU+TH+SR90	1 LITER POLY	None	↓	
2	↓	ASBESTOS	125 ML GLASS	Ice	↓	
1	↓	H3	500 ML POLY	Ice	↓	+ Tc-99
1	↓	METALS-GEL	125 ML POLY	Ice	↓	
1	↓	Perchlorate+CN+N03+pH	500 ML POLY	Ice	↓	
1	NA	RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	No	

SAMPLE DESC:

Gray-brown weathered tuff dry

SAMPLE COMMENTS:

Sample collected below base course at 6-7 ft bgs

LOCATION DESC:

WP Location 152-18

FIELD SCREENING/MEASUREMENT RESULTS:

$$PID \frac{\text{Ambient Reading}}{\text{Reading}} = \text{ppm} \frac{0}{0}$$

$$\text{Alpha} = \frac{0}{0} \text{ dpm}$$

$$\text{Beta/Gamma} = 233 \text{ dpm}$$

COLLECTED BY (PRINT) Glenda S. Fred

REVIEWED BY (PRINT) A. Furmell

RELINQUISHED BY (Printed Name) <u>BAOman</u> 	Date/Time <u>4/21/11</u> <u>1050</u>	RECEIVED BY (Printed Name) <u>Miss Anthony</u> 	Date/Time <u>4/21/11</u> <u>1050</u>
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SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3445

EVENT NAME: Delta Prime East - Bldg. 21-152 - SWMU-21-011(b)

SAMPLE ID: RE21-11-7872

WORK ORDER:

	<u>AS PLANNED</u>	<u>AS COLLECTED</u>		<u>AS PLANNED</u>	<u>AS COLLECTED</u>
DATE COLLECTED(MM/DD/YYYY):		4/20/2011	MEDIA:	ALLH	QBT 3
TIME COLLECTED (HH:MM)		11:58	SUB-MEDIA:	SOIL	TUFF
PRS ID:	21-011(b)	OK	SAMPLE TECH CODE:	HA	OK
LOCATION ID:	21-614193	OK	FIELD QC TYPE:	NA	
LOCATION TYPE:	GENERIC	OK	FIELD PREP:	NA	
TOP DEPTH:	0	8	SAMPLE USAGE:	INV	↓
BOTTOM DEPTH:	0	9	SCREEN/PORT DESC:	NA	
FIELD MATRIX:	S	R	EXCAVATED: YES(<input checked="" type="radio"/>)/NA		
COMPOSITE TYPE:	NA		COMPOSITE TIME INTERVAL:	NA	
BOREHOLE: YES(<input checked="" type="radio"/>)/NA			BOREHOLE DECLINATION:	NA	
			BOREHOLE DIRECTION:	NA	

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	Regular	8260B	125 ML SEPTUM AMBER GLASS	Ice	Y	
1	↓	8270C	250 ML AMBER GLASS	Ice		
1	↓	AM+GS+U+PU+TH+SR90	1 LITER POLY	None		
2		ASBESTOS	125 ML GLASS	Ice		
1	↓	H3	500 ML POLY	Ice		+ Tc-99
1	↓	METALS-GEL	125 ML POLY	Ice		
1	↓	Perchlorate+CN+N03+pH	500 ML POLY	Ice	↓	
1	NA	RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	N	

SAMPLE DESC: Gray-brown tuff dry with brown weathered zones

SAMPLE COMMENTS: None

LOCATION DESC: WP Location 152-18

FIELD SCREENING/MEASUREMENT RESULTS:

Alpha = 62 dpm
Beta/Gamma = 466 dpm

PID $\frac{\text{Ambient Reading}}{\text{Reading}} = \text{ppm } \frac{\text{ } }{\text{ } }$

COLLECTED BY (PRINT) Glenda S. Fred REVIEWED BY (PRINT) A. Furmall

RELINQUISHED BY (Printed Name) <u>Kim Oman</u> <u>K Oman</u>	Date/Time <u>4/21/11</u> <u>1050</u>	RECEIVED BY (Printed Name) <u>Michelle Mack</u> 	Date/Time <u>4/21/11</u> <u>1050</u>
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SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3445

EVENT NAME: Delta Prime East - Bldg. 21-152 - SWMU-21-011(b)

RELINQUISHED BY (Printed Name) <i>Kim Oman</i> (Signature) <i>K Oman</i>	Date/Time <i>4/21/11</i> <i>1050</i>	RECEIVED BY (Printed Name) <i>Miss Monty</i> (Signature) <i>[Signature]</i>	Date/Time <i>4/21/11</i> <i>1050</i>
RELINQUISHED BY (Printed Name) (Signature)	Date/Time	RECEIVED BY (Printed Name) (Signature)	Date/Time

SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3445

EVENT NAME: Delta Prime East - Bldg. 21-152 - SWMU-21-011(b)

SAMPLE ID: RE21-11-7873

WORK ORDER:

	<u>AS PLANNED</u>	<u>AS COLLECTED</u>		<u>AS PLANNED</u>	<u>AS COLLECTED</u>
DATE COLLECTED(MM/DD/YYYY):		04/21/2011	MEDIA:	ALLH	QBT3
TIME COLLECTED (HH:MM)		08:52	SUB-MEDIA:	SOIL	Tuff
PRS ID:	21-011(b)	OK	SAMPLE TECH CODE:	HA	OK
LOCATION ID:	21-614194	↓	FIELD QC TYPE:	NA	
LOCATION TYPE:	GENERIC	↓	FIELD PREP:	NA	
TOP DEPTH:	0	6	SAMPLE USAGE:	INV	↓
BOTTOM DEPTH:	0	7	SCREEN/PORT DESC:	NA	
FIELD MATRIX:	S	R	EXCAVATED: YES()/NO()/NA		
COMPOSITE TYPE:	NA		COMPOSITE TIME INTERVAL:	NA	WATER FLOWING: YES()/NO()/NA
BOREHOLE: YES()/NO()/NA			BOREHOLE DECLINATION:	NA	BOREHOLE DIRECTION: NA

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	regular	8260B	125 ML SEPTUM AMBER GLASS	Ice	yes	
1	↓	8270C	250 ML AMBER GLASS	Ice	↓	
1	↓	AM+GS+U+PU+TH+SR90	1 LITER POLY	None	↓	
2	↓	ASBESTOS	125 ML GLASS	Ice	↓	
1	↓	H3	500 ML POLY	Ice	↓	+ Tc-99
1	↓	METALS-GEL	125 ML POLY	Ice	↓	
1	↓	Perchlorate+CN+N03+pH	500 ML POLY	Ice	↓	
1	↓	RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	No	

SAMPLE DESC: gray/brown ash tuff, slightly moist

SAMPLE COMMENTS: collected beneath base course at 6' bgs FD-RE21-11-8011

LOCATION DESC: WP location 152-20

FIELD SCREENING/MEASUREMENT RESULTS:

Alpha = 15 dpm
Beta/Gamma = 699 dpm

PID $\frac{\text{Ambient Reading}}{\text{Reading}} = \text{ppm} \frac{0}{0}$

COLLECTED BY (PRINT) A. Fumall

REVIEWED BY (PRINT) Glenda S. Fred

RELINQUISHED BY (Printed Name) <u>Lourdes Cordova</u> <u>Lourdes Cordova</u>	Date/Time <u>4/22/11</u> <u>8:30</u>	RECEIVED BY (Printed Name) <u>K. B. ...</u> <u>[Signature]</u>	Date/Time <u>4/22/11</u> <u>8:30</u>
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SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3445

EVENT NAME: Delta Prime East - Bldg. 21-152 - SWMU-21-011(b)

SAMPLE ID: RE21-11-7874

WORK ORDER:

	AS PLANNED	AS COLLECTED	AS PLANNED	AS COLLECTED
DATE COLLECTED(MM/DD/YYYY):		04/21/2011	MEDIA: ALLH	QBT3
TIME COLLECTED (HH:MM)		09:35	SUB-MEDIA: SOIL	Tuff
PRS ID: 21-011(b)		OK	SAMPLE TECH CODE: HA	OK
LOCATION ID: 21-614194		↓	FIELD QC TYPE: NA	↓
LOCATION TYPE: GENERIC		↓	FIELD PREP: NA	↓
TOP DEPTH: 0		8	SAMPLE USAGE: INV	↓
BOTTOM DEPTH: 0		9	SCREEN/PORT DESC: NA	
FIELD MATRIX: S		R	EXCAVATED: YES (NO) NA	
COMPOSITE TYPE: NA			COMPOSITE TIME INTERVAL: NA	WATER FLOWING: YES (NO) NA
BOREHOLE: YES (NO) NA			BOREHOLE DECLINATION: NA	BOREHOLE DIRECTION: NA

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	regular	8260B	125 ML SEPTUM AMBER GLASS	Ice	yes	
1	↓	8270C	250 ML AMBER GLASS	Ice	↓	
1	↓	AM+GS+U+PU+TH+SR90	1 LITER POLY	None	↓	
2	↓	ASBESTOS	125 ML GLASS	Ice	↓	
1	↓	H3	500 ML POLY	Ice	↓	+ Tc-99
1	↓	METALS-GEL	125 ML POLY	Ice	↓	
1	↓	Perchlorate+CN+N03+pH	500 ML POLY	Ice	↓	
1	↓	RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	No	

SAMPLE DESC: gray ash tuff, slightly moist

SAMPLE COMMENTS:

FTB - RE21-11-8029

LOCATION DESC:

w/ location 152-20

FIELD SCREENING/MEASUREMENT RESULTS:

PID $\frac{\text{Ambient Reading}}{\text{Reading}} = \text{ppm } \frac{0}{0}$

Alpha = $\frac{31}{\text{dpm}}$
Beta/Gamma = $\frac{699}{\text{dpm}}$

COLLECTED BY (PRINT) A. Furmall

REVIEWED BY (PRINT) Glenda S. Fred

RELINQUISHED BY (Printed Name) Lourdes Cordova <i>Lourdes Cordova</i>	Date/Time 4/22/11 8:30	RECEIVED BY <i>K. Greene</i> (Printed Name) <i>[Signature]</i>	Date/Time 4/22/11 8:30
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SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3445

EVENT NAME: Delta Prime East - Bldg. 21-152 - SWMU-21-011(b)

SAMPLE ID: RE21-11-7875

WORK ORDER:

	<u>AS PLANNED</u>	<u>AS COLLECTED</u>	<u>AS PLANNED</u>	<u>AS COLLECTED</u>
DATE COLLECTED(MM/DD/YYYY):		04/21/2011	MEDIA: ALLH	QBT3
TIME COLLECTED (HH:MM)		10:10	SUB-MEDIA: SOIL	Tuff
PRS ID: 21-011(b)		OK	SAMPLE TECH CODE: HA	OK
LOCATION ID: 21-614195		↓	FIELD QC TYPE: NA	↓
LOCATION TYPE: <u>GENERIC</u>		↓	FIELD PREP: NA	↓
TOP DEPTH: 0		6	SAMPLE USAGE: INV	↓
BOTTOM DEPTH: 0		7	SCREEN/PORT DESC: NA	
FIELD MATRIX: S		R	EXCAVATED: YES <input checked="" type="radio"/> NO / NA	
COMPOSITE TYPE: NA		COMPOSITE TIME INTERVAL: NA	WATER FLOWING: YES <input checked="" type="radio"/> NA	
BOREHOLE: YES <input checked="" type="radio"/> NO / NA		BOREHOLE DECLINATION: NA	BOREHOLE DIRECTION: NA	

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	regular	8260B	125 ML SEPTUM AMBER GLASS	Ice	yes	
1	↓	8270C	250 ML AMBER GLASS	Ice	↓	
1	↓	AM+GS+U+PU+TH+SR90	1 LITER POLY	None	↓	
2	↓	ASBESTOS	125 ML GLASS	Ice	↓	
1	↓	H3	500 ML POLY	Ice	↓	+ Tc-99
1	↓	METALS-GEL	125 ML POLY	Ice	↓	
1	↓	Perchlorate+CN+N03+pH	500 ML POLY	Ice	↓	
1	↓	RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	No	

SAMPLE DESC: gray ash tuff, slightly moist

SAMPLE COMMENTS:
collected beneath base course at 6' bgs

LOCATION DESC:
WP location 152-21

FIELD SCREENING/MEASUREMENT RESULTS:

AF 4/21/11
Beta/Gamma = 31 dpm
Alpha = 679 dpm

$$PID \frac{\text{Ambient Reading}}{\text{Reading}} = ppm \frac{0}{0}$$

COLLECTED BY (PRINT) A. Furmall REVIEWED BY (PRINT) Gilenda S. Fred

RELINQUISHED BY (Printed Name) <u>Lourdes Cordova</u>	Date/Time <u>4/22/11</u>	RECEIVED BY (Printed Name) <u>K. Green</u>	Date/Time <u>4/22/11</u>
<u>Lourdes Cordova</u>	<u>8:30</u>	<u>[Signature]</u>	<u>8:30</u>

SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3445

EVENT NAME: Delta Prime East - Bldg. 21-152 - SWMU-21-011(b)

SAMPLE ID: RE21-11-7876

WORK ORDER:

	<u>AS PLANNED</u>	<u>AS COLLECTED</u>	<u>AS PLANNED</u>	<u>AS COLLECTED</u>
DATE COLLECTED(MM/DD/YYYY):		4/21/2011	MEDIA: ALLH	QBT3
TIME COLLECTED (HH:MM)		10:36	SUB-MEDIA: SOIL	TUFF
PRS ID: 21-011(b)		OK	SAMPLE TECH CODE: HA	OK
LOCATION ID: 21-614195		OK	FIELD QC TYPE: NA	↓
LOCATION TYPE: GENERIC		OK	FIELD PREP: NA	↓
TOP DEPTH: 0		8	SAMPLE USAGE: INV	↓
BOTTOM DEPTH: 0		9	SCREEN/PORT DESC: NA	
FIELD MATRIX: S		R	EXCAVATED: YES (NO) / NA	
COMPOSITE TYPE: NA		COMPOSITE TIME INTERVAL: NA	WATER FLOWING: YES (NO) / NA	
BOREHOLE: YES (NO) / NA		BOREHOLE DECLINATION: NA	BOREHOLE DIRECTION: NA	

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	Regular	8260B	125 ML SEPTUM AMBER GLASS	Ice	Yes	
1	↓	8270C	250 ML AMBER GLASS	Ice	↓	
1	↓	AM+GS+U+PU+TH+SR90	1 LITER POLY	None	↓	
2	↓	ASBESTOS	125 ML GLASS	Ice	↓	
1	↓	H3	500 ML POLY	Ice	↓	+ Tc-99
1	↓	METALS-GEL	125 ML POLY	Ice	↓	
1	↓	Perchlorate+CN+N03+pH	500 ML POLY	Ice	↓	
1	NA	RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	NO	

SAMPLE DESC: Gray ash tuff, slightly moist

SAMPLE COMMENTS: FD RE21-11-8012

LOCATION DESC: WP Location 152-21

FIELD SCREENING/MEASUREMENT RESULTS: Alpha = 0 dpm
 Beta/Gamma = 466 dpm PID $\frac{\text{Ambient Reading}}{\text{Reading}} = \text{ppm} \frac{0}{0}$

COLLECTED BY (PRINT) Glenda S. Fred REVIEWED BY (PRINT) A. Furnell

RELINQUISHED BY (Printed Name) <u>Lourdes Cordare</u> <u>Lourdes Cordare</u>	Date/Time <u>4/22/11</u> <u>8:30</u>	RECEIVED BY (Printed Name) <u>K. Green</u> <u>[Signature]</u>	Date/Time <u>4/22/11</u> <u>8:30</u>
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SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3445

EVENT NAME: Delta Prime East - Bldg. 21-152 - SWMU-21-011(b)

SAMPLE ID: RE21-11-7877

WORK ORDER:

	<u>AS PLANNED</u>	<u>AS COLLECTED</u>	<u>AS PLANNED</u>	<u>AS COLLECTED</u>
DATE COLLECTED(MM/DD/YYYY):		4/21/2011	MEDIA: ALLH	QBT3
TIME COLLECTED (HH:MM)		11:17	SUB-MEDIA: SOIL	TUFF
PRS ID: 21-011(b)		OK	SAMPLE TECH CODE: HA	OK
LOCATION ID: 21-614196		DK	FIELD QC TYPE: NA	↓
LOCATION TYPE: GENERIC		OK	FIELD PREP: NA	
TOP DEPTH: 0		6	SAMPLE USAGE: INV	
BOTTOM DEPTH: 0		7	SCREEN/PORT DESC: NA	
FIELD MATRIX: S		R	EXCAVATED: YES/NO/NA	
COMPOSITE TYPE: NA			COMPOSITE TIME INTERVAL: NA	WATER FLOWING: YES/NO/NA
BOREHOLE: YES/NO/NA			BOREHOLE DECLINATION: NA	BOREHOLE DIRECTION: NA

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	Regular	8260B	125 ML SEPTUM AMBER GLASS	Ice	Y	
1		8270C	250 ML AMBER GLASS	Ice		
1		AM+GS+U+PU+TH+SR90	1 LITER POLY	None		
2		ASBESTOS	125 ML GLASS	Ice		
1		H3	500 ML POLY	Ice		+ Tc-99
1		METALS-GEL	125 ML POLY	Ice		
1	↓	Perchlorate+CN+N03+pH	500 ML POLY	Ice	↓	
1	NA	RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	No	

SAMPLE DESC:

Gray ash tuff, slightly moist

SAMPLE COMMENTS:

Collected beneath base course at 6-7 ft bgs

LOCATION DESC:

NP Location 152-22

FIELD SCREENING/MEASUREMENT RESULTS:

PID $\frac{\text{Ambient Reading}}{\text{Reading}} = \text{ppm } \frac{0}{6}$

Alpha = 31 dpm
Beta/Gamma = 699 dpm

COLLECTED BY (PRINT) Glenda S. Fred

REVIEWED BY (PRINT) A. Furnell

<p>RELINQUISHED BY (Printed Name) <u>Lourdes Cordova</u> <u>Lourdes Cordova</u></p>	<p>Date/Time <u>4/21/11</u> <u>8:30</u></p>	<p>RECEIVED BY (Printed Name) <u>K. Green</u> <u>[Signature]</u></p>	<p>Date/Time <u>4/22/11</u> <u>8:30</u></p>
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SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3445

EVENT NAME: Delta Prime East - Bldg. 21-152 - SWMU-21-011(b)

SAMPLE ID: RE21-11-7878

WORK ORDER:

	AS PLANNED	AS COLLECTED		AS PLANNED	AS COLLECTED
DATE COLLECTED(MM/DD/YYYY):		4/21/2011	MEDIA:	ALLH	QBT 3
TIME COLLECTED (HH:MM)		13:20	SUB-MEDIA:	SOIL	TUFF
PRS ID:	21-011(b)	OK	SAMPLE TECH CODE:	HA	OK
LOCATION ID:	21-614196	OK	FIELD QC TYPE:	NA	↓
LOCATION TYPE:	GENERIC	OK	FIELD PREP:	NA	
TOP DEPTH:	0	8	SAMPLE USAGE:	INV	
BOTTOM DEPTH:	0	9	SCREEN/PORT DESC:	NA	
FIELD MATRIX:	S	R	EXCAVATED: YES/NO/NA	NO/NA	
COMPOSITE TYPE:	NA		COMPOSITE TIME INTERVAL:	NA	WATER FLOWING: YES/NO/NA
BOREHOLE: YES/NO/NA	NO/NA		BOREHOLE DECLINATION:	NA	BOREHOLE DIRECTION: NA

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	Regular	8260B	125 ML SEPTUM AMBER GLASS	Ice	Yes	
1	↓	8270C	250 ML AMBER GLASS	Ice	↓	
1	↓	AM+GS+U+PU+TH+SR90	1 LITER POLY	None	↓	
2	↓	ASBESTOS	125 ML GLASS	Ice	↓	
1	↓	H3	500 ML POLY	Ice	↓	+ Tc-99
1	↓	METALS-GEL	125 ML POLY	Ice	↓	
1	↓	Perchlorate+CN+N03+pH	500 ML POLY	Ice	↓	
1	NA	RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	NO	

SAMPLE DESC: Gray ash tuff, slightly moist

SAMPLE COMMENTS: None of 4/21/11 FR RE21-11-8038

LOCATION DESC: WP Location 152-22

FIELD SCREENING/MEASUREMENT RESULTS: PID $\frac{\text{Ambient Reading}}{\text{Reading}} = \text{ppm } \frac{0}{0}$ Alpha = 31 dpm Beta/Gamma = 699 dpm

COLLECTED BY (PRINT) Glenda S. Fred REVIEWED BY (PRINT) A. Furmell

RELINQUISHED BY (Printed Name) <u>Lourdes Cordova</u> <u>Lourdes Cordova</u>	Date/Time <u>4/22/11</u> <u>8:30</u>	RECEIVED BY (Printed Name) <u>L. Greene</u> <u>[Signature]</u>	Date/Time <u>4/22/11</u> <u>8:30</u>
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SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3445

EVENT NAME: Delta Prime East - Bldg. 21-152 - SWMU-21-011(b)

SAMPLE ID: RE21-11-7879

WORK ORDER:

	AS PLANNED	AS COLLECTED	AS PLANNED	AS COLLECTED
DATE COLLECTED(MM/DD/YYYY):		5/3/2011	MEDIA: ALLH	QBT3
TIME COLLECTED (HH:MM)		11:19	SUB-MEDIA: SOIL	TUFF
PRS ID: 21-011(b)		OK	SAMPLE TECH CODE: HA	OK
LOCATION ID: 21-614197		OK	FIELD QC TYPE: NA	↓
LOCATION TYPE: GENERIC		OK	FIELD PREP: NA	↓
TOP DEPTH: 0		6	SAMPLE USAGE: INV	↓
BOTTOM DEPTH: 0		7	SCREEN/PORT DESC: NA	
FIELD MATRIX: S		R	EXCAVATED: YES <input checked="" type="radio"/> NO <input type="radio"/> NA	
COMPOSITE TYPE: NA		COMPOSITE TIME INTERVAL: NA	WATER FLOWING: YES <input checked="" type="radio"/> NO <input type="radio"/> NA	
BOREHOLE: YES <input checked="" type="radio"/> NO <input type="radio"/> NA		BOREHOLE DECLINATION: NA	BOREHOLE DIRECTION: NA	

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	Regular	8260B	125 ML SEPTUM AMBER GLASS	Ice	Yes	
1		8270C	250 ML AMBER GLASS	Ice		
1		AM+GS+U+PU+TH+SR90	1 LITER POLY	None		
2		ASBESTOS	125 ML GLASS	Ice		
1		H3	500 ML POLY	Ice		+ Tc-99
1		METALS-GEL	125 ML POLY	Ice		
1		Perchlorate+CN+N03+pH	500 ML POLY	Ice		
1	NA	RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	No	


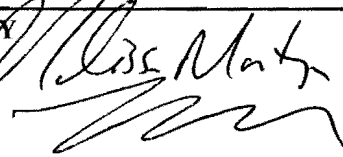
SAMPLE DESC: *Gray ash tuff, slightly moist*

SAMPLE COMMENTS: *Collected below base course at 6-7ft bgs; FTB RE21-11-10067*

LOCATION DESC: *WP Location 152-24*

FIELD SCREENING/MEASUREMENT RESULTS: $PID \frac{\text{Ambient Reading}}{\text{Reading}} = \text{ppm} \frac{0}{0}$ Alpha = 0 dpm
Beta/Gamma = 466 dpm

COLLECTED BY (PRINT) Glenda S. Fred REVIEWED BY (PRINT) A. Fumell

RELINQUISHED BY (Printed Name) <u>Kim Oman</u> 	Date/Time <u>5/4/11</u> <u>0945</u>	RECEIVED BY (Printed Name) <u>Chris Maty</u> 	Date/Time <u>5/4/11</u> <u>0945</u>
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SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3445

EVENT NAME: Delta Prime East - Bldg. 21-152 - SWMU-21-011(b)

SAMPLE ID: RE21-11-7880

WORK ORDER:

	AS PLANNED	AS COLLECTED		AS PLANNED	AS COLLECTED
DATE COLLECTED(MM/DD/YYYY):		5/3/2011	MEDIA:	ALLH	QBT3
TIME COLLECTED (HH:MM)		11:33	SUB-MEDIA:	SOIL	TUFF
PRS ID: 21-011(b)		OK	SAMPLE TECH CODE: HA		OK
LOCATION ID: 21-614197		OK	FIELD QC TYPE: NA		↓
LOCATION TYPE: <u>GENERIC</u>		OK	FIELD PREP: NA		↓
TOP DEPTH: 0		8	SAMPLE USAGE: <u>INV</u>		↓
BOTTOM DEPTH: 0		9	SCREEN/PORT DESC: NA		↓
FIELD MATRIX: S		R	EXCAVATED: YES <input checked="" type="radio"/> NO <input type="radio"/> NA		↓
COMPOSITE TYPE: <u>NA</u>			COMPOSITE TIME INTERVAL: <u>NA</u>		WATER FLOWING: YES <input checked="" type="radio"/> NO <input type="radio"/> NA
BOREHOLE: YES <input checked="" type="radio"/> NO <input type="radio"/> NA			BOREHOLE DECLINATION: <u>NA</u>		BOREHOLE DIRECTION: <u>NA</u>

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	Regular	8260B	125 ML SEPTUM AMBER GLASS	Ice	Yes	
1		8270C	250 ML AMBER GLASS	Ice	↓	
1		AM+GS+U+PU+TH+SR90	1 LITER POLY	None	↓	
2		ASBESTOS	125 ML GLASS	Ice	↓	
1		H3	500 ML POLY	Ice	↓	+ Tc-99
1		METALS-GEL	125 ML POLY	Ice	↓	
1		Perchlorate+CN+N03+pH	500 ML POLY	Ice	↓	
1	NA	RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	No	

SAMPLE DESC: Gray ash tuff, slightly moist

SAMPLE COMMENTS: None

LOCATION DESC: WP Location 152-24

FIELD SCREENING/MEASUREMENT RESULTS:

PID $\frac{\text{Ambient Reading}}{\text{Reading}} = \text{ppm}$ $\frac{0}{0}$ Alpha = 0 dpm
 Beta/Gamma = 466 dpm

COLLECTED BY (PRINT) Glenda S. Fred REVIEWED BY (PRINT) A. Fumall

RELINQUISHED BY (Printed Name) <u>Kim Oman</u> 	Date/Time <u>5/4/11</u> <u>0945</u>	RECEIVED BY (Printed Name) <u>Miss Monte</u> 	Date/Time <u>5/4/11</u> <u>945</u>
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SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3445

EVENT NAME: Delta Prime East - Bldg. 21-152 - SWMU-21-011(b)

SAMPLE ID: RE21-11-7881

WORK ORDER:

	<u>AS PLANNED</u>	<u>AS COLLECTED</u>	<u>AS PLANNED</u>	<u>AS COLLECTED</u>
DATE COLLECTED(MM/DD/YYYY):		5/4/2011	MEDIA: ALLH	QBT3
TIME COLLECTED (HH:MM)		9:43	SUB-MEDIA: SOIL	TUFF
PRS ID: 21-011(b)		OK	SAMPLE TECH CODE: HA	OK
LOCATION ID: 21-614198		OK	FIELD QC TYPE: NA	↓
LOCATION TYPE: <u>GENERIC</u>		OK	FIELD PREP: NA	↓
TOP DEPTH: 0		6	SAMPLE USAGE: INV	↓
BOTTOM DEPTH: 0		7	SCREEN/PORT DESC: NA	↓
FIELD MATRIX: S		R	EXCAVATED: YES/NO/NA	↓
COMPOSITE TYPE: NA		COMPOSITE TIME INTERVAL: NA	WATER FLOWING: YES/NO/NA	
BOREHOLE: YES/NO/NA		BOREHOLE DECLINATION: NA	BOREHOLE DIRECTION: NA	

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	Regular	8260B	125 ML SEPTUM AMBER GLASS	Ice	Yes	
1		8270C	250 ML AMBER GLASS	Ice	↓	
1		AM+GS+U+PU+TH+SR90	1 LITER POLY	None	↓	
2		ASBESTOS	125 ML GLASS	Ice	↓	
1		H3	500 ML POLY	Ice	↓	+ Tc-99
1		METALS-GEL	125 ML POLY	Ice	↓	
1		Perchlorate+CN+N03+pH	500 ML POLY	Ice	↓	
1	NA	RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	No	

SAMPLE DESC: Gray ash tuff, moist

SAMPLE COMMENTS:

Collected below base course at 6-7 Ft bgs; FTB RE21-11-10068

LOCATION DESC:

WP Location 152-30

FIELD SCREENING/MEASUREMENT RESULTS:

PID $\frac{\text{Ambient Reading}}{\text{Reading}} = \text{ppm } \frac{0}{0}$

Alpha = 15 dpm
Beta/Gamma = 466 dpm

COLLECTED BY (PRINT) Glenda S. Fred

REVIEWED BY (PRINT) J. Branch

RELINQUISHED BY	Date/Time	RECEIVED BY	Date/Time
(Printed Name) <u>Louisa Cordova</u>	<u>5/5/11</u>	(Printed Name) <u>Sheri Sherwood</u>	<u>5/5/11</u>
<u>Louisa Cordova</u>	<u>10:12</u>	<u>Sheri Sherwood</u>	<u>1012</u>

SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3445

EVENT NAME: Delta Prime East - Bldg. 21-152 - SWMU-21-011(b)

SAMPLE ID: RE21-11-7882

WORK ORDER:

	AS PLANNED	AS COLLECTED	AS PLANNED	AS COLLECTED
DATE COLLECTED(MM/DD/YYYY):		5/4/2011	MEDIA: ALLH	5/4/11 OK QBT3
TIME COLLECTED (HH:MM)		10:06	SUB-MEDIA: SOIL	TUFF
PRS ID: 21-011(b)		OK	SAMPLE TECH CODE: HA	OK
LOCATION ID: 21-614198		↓	FIELD QC TYPE: NA	↓
LOCATION TYPE: GENERIC		↓	FIELD PREP: NA	↓
TOP DEPTH: 0		8	SAMPLE USAGE: INV	↓
BOTTOM DEPTH: 0		9	SCREEN/PORT DESC: NA	
FIELD MATRIX: S		R	EXCAVATED: YES/NO/NA	
COMPOSITE TYPE: NA			COMPOSITE TIME INTERVAL: NA	WATER FLOWING: YES/NO/NA
BOREHOLE: YES/NO/NA			BOREHOLE DECLINATION: NA	BOREHOLE DIRECTION: NA

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	Regular	8260B	125 ML SEPTUM AMBER GLASS	Ice	Yes	
1	↓	8270C	250 ML AMBER GLASS	Ice	↓	
1	↓	AM+GS+U+PU+TH+SR90	1 LITER POLY	None	↓	
2	↓	ASBESTOS	125 ML GLASS	Ice	↓	
1	↓	H3	500 ML POLY	Ice	↓	+ Tc-99
1	↓	METALS-GEL	125 ML POLY	Ice	↓	
1	↓	Perchlorate+CN+N03+pH	500 ML POLY	Ice	↓	
1	NA	RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	No	

SAMPLE DESC: Gray ash tuff, slightly moist

SAMPLE COMMENTS: None

LOCATION DESC: WP Location 152-30

FIELD SCREENING/MEASUREMENT RESULTS:

PID $\frac{\text{Ambient Reading}}{\text{Reading}} = \text{ppm} \frac{0}{0}$

Alpha = $\frac{0}{0}$ dpm
Beta/Gamma = $\frac{699}{699}$ dpm

COLLECTED BY (PRINT) Glenda S Fred

REVIEWED BY (PRINT) J. Branch

RELINQUISHED BY	Date/Time	RECEIVED BY	Date/Time
(Printed Name) Lourdes Cordova	5/5/11	(Printed Name) Sheri Sherwood	5/5/11
Lourdes Cordova	10:12	Sheri Sherwood	10:12

SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3445

EVENT NAME: Delta Prime East - Bldg. 21-152 - SWMU-21-011(b)

SAMPLE ID: RE21-11-7883

WORK ORDER:

	<u>AS PLANNED</u>	<u>AS COLLECTED</u>	<u>AS PLANNED</u>	<u>AS COLLECTED</u>
DATE COLLECTED(MM/DD/YYYY):		5/4/2011	MEDIA: ALLH	QBT3
TIME COLLECTED (HH:MM)		11:06	SUB-MEDIA: SOIL	TUFF
PRS ID: 21-011(b)		OK	SAMPLE TECH CODE: HA	OK
LOCATION ID: 21-614-29		OK	FIELD QC TYPE: NA	
LOCATION TYPE: GENERIC		OK	FIELD PREP: NA	↓
TOP DEPTH: 0		6	SAMPLE USAGE: INV	↓
BOTTOM DEPTH: 0		7	SCREEN/PORT DESC: NA	
FIELD MATRIX: S		R	EXCAVATED: YES <input checked="" type="radio"/> NO / NA	
COMPOSITE TYPE: NA		COMPOSITE TIME INTERVAL: NA	WATER FLOWING: YES <input checked="" type="radio"/> NO / NA	
BOREHOLE: YES <input checked="" type="radio"/> NO / NA		BOREHOLE DECLINATION: NA	BOREHOLE DIRECTION: NA	

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	Regular	8260B	125 ML SEPTUM AMBER GLASS	Ice	Yes	
1		8270C	250 ML AMBER GLASS	Ice	↓	
1		AM+GS+U+PU+TH+SR90	1 LITER POLY	None	↓	
2		ASBESTOS	125 ML GLASS	Ice	↓	
1		H3	500 ML POLY	Ice	↓	+ Tc-99
1		METALS-GEL	125 ML POLY	Ice	↓	
1	↓	Perchlorate+CN+N03+pH	500 ML POLY	Ice	↓	
1	NA	RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	No	

SAMPLE DESC: Purplish-gray ash tuff, slightly moist

SAMPLE COMMENTS: Collected below base course at 6-7 ft bgs

LOCATION DESC: WP Location 152-29

FIELD SCREENING/MEASUREMENT RESULTS: $PID \frac{\text{Ambient Reading}}{\text{Reading}} = \text{ppm} \frac{0}{0}$ Alpha = $\frac{31}{\text{dpm}}$ Beta/Gamma = $\frac{699}{\text{dpm}}$

COLLECTED BY (PRINT) Glenda S. Fred REVIEWED BY (PRINT) J. Branch

RELINQUISHED BY (Printed Name) <u>Lourdes Cordova</u>	Date/Time <u>5/5/11</u>	RECEIVED BY (Printed Name) <u>Sheri Sherwood</u>	Date/Time <u>5/5/11</u>
<u>Lourdes Cordova</u>	<u>10:12</u>	<u>Sheri Sherwood</u>	<u>1012</u>

SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3445

EVENT NAME: Delta Prime East - Bldg. 21-152 - SWMU-21-011(b)

SAMPLE ID: RE21-11-7884

WORK ORDER:

	AS PLANNED	AS COLLECTED	AS PLANNED	AS COLLECTED
DATE COLLECTED(MM/DD/YYYY):		5/4/2011	MEDIA: ALLH	QBT3
TIME COLLECTED (HH:MM)		11:33	SUB-MEDIA: SOIL	TUFF
PRS ID: 21-011(b)		OK	SAMPLE TECH CODE: HA	OK
LOCATION ID: 21-614199		OK	FIELD QC TYPE: NA	↓
LOCATION TYPE: GENERIC		OK	FIELD PREP: NA	
TOP DEPTH: 0		8	SAMPLE USAGE: INV	
BOTTOM DEPTH: 0		9	SCREEN/PORT DESC: NA	
FIELD MATRIX: S		R	EXCAVATED: YES (NO) NA	
COMPOSITE TYPE: NA		COMPOSITE TIME INTERVAL: NA	WATER FLOWING: YES (NO) NA	
BOREHOLE: YES (NO) NA		BOREHOLE DECLINATION: NA	BOREHOLE DIRECTION: NA	

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	Regular	8260B	125 ML SEPTUM AMBER GLASS	Ice	Yes	
1	↓	8270C	250 ML AMBER GLASS	Ice	↓	
1		AM+GS+U+PU+TH+SR90	1 LITER POLY	None		
2		ASBESTOS	125 ML GLASS	Ice		
1		H3	500 ML POLY	Ice		+ Tc-99
1		METALS-GEL	125 ML POLY	Ice		
1		Perchlorate+CN+N03+pH	500 ML POLY	Ice		✓
1		NA	RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG		None

SAMPLE DESC: Purplish-gray ash tuft, slightly moist

SAMPLE COMMENTS: None

LOCATION DESC: WP Location 152-29

FIELD SCREENING/MEASUREMENT RESULTS: PID $\frac{\text{Ambient Reading}}{\text{Reading}} = \text{ppm}$ $\frac{0}{0}$ Alpha = 0 dpm Beta/Gamma = 466 dpm

COLLECTED BY (PRINT) Glenda S. Fred REVIEWED BY (PRINT) J. Branch

RELINQUISHED BY (Printed Name) <u>Lourdes Cordova</u>	Date/Time <u>5/5/11</u> <u>10:12</u>	RECEIVED BY (Printed Name) <u>Sheri Sherwood</u>	Date/Time <u>5/5/11</u> <u>1012</u>
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SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3445

EVENT NAME: Delta Prime East - Bldg. 21-152 - SWMU-21-011(b)

SAMPLE ID: RE21-11-7885

WORK ORDER:

	<u>AS PLANNED</u>	<u>AS COLLECTED</u>	<u>AS PLANNED</u>	<u>AS COLLECTED</u>
DATE COLLECTED(MM/DD/YYYY):		5/4/2011	MEDIA: ALLH	QBT3
TIME COLLECTED (HH:MM)		9:2:10 14:16 6/4/11	SUB-MEDIA: SOIL	TUFF
PRS ID: 21-011(b)		OK	SAMPLE TECH CODE: HA	OK
LOCATION ID: 21-614200		OK	FIELD QC TYPE: NA	
LOCATION TYPE: GENERIC		OK	FIELD PREP: NA	
TOP DEPTH: 0		6	SAMPLE USAGE: INV	↓
BOTTOM DEPTH: 0		7	SCREEN/PORT DESC: NA	
FIELD MATRIX: S		R	EXCAVATED: YES <input checked="" type="radio"/> NO <input type="radio"/> NA	
COMPOSITE TYPE: NA		COMPOSITE TIME INTERVAL: NA	WATER FLOWING: YES <input checked="" type="radio"/> NO <input type="radio"/> NA	
BOREHOLE: YES <input checked="" type="radio"/> NO <input type="radio"/> NA		BOREHOLE DECLINATION: NA	BOREHOLE DIRECTION: NA	

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	Regular	8260B	125 ML SEPTUM AMBER GLASS	Ice	Yes	
1		8270C	250 ML AMBER GLASS	Ice	↓	
1		AM+GS+U+PU+TH+SR90	1 LITER POLY	None	↓	
2		ASBESTOS	125 ML GLASS	Ice	↓	
1		H3	500 ML POLY	Ice	↓	+ Tc-99
1		METALS-GEL	125 ML POLY	Ice	↓	
1	↓	Perchlorate+CN+N03+pH	500 ML POLY	Ice	↓	
1	NA	RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	No	

SAMPLE DESC:

Gray ash tuff, slightly moist

SAMPLE COMMENTS:

collected below base course at 6

LOCATION DESC:

WP Location 152-23

FIELD SCREENING/MEASUREMENT RESULTS:

$$PID \frac{\text{Ambient Reading}}{\text{Reading}} = \text{ppm } \frac{0}{0}$$

Alpha = $\frac{0}{3+}$ dpm ^{5/4/11}
Beta/Gamma = 699 dpm

COLLECTED BY (PRINT)

Glenda S. Fred

REVIEWED BY (PRINT)

J. Branch

RELINQUISHED BY

(Printed Name)

Kim Oman

Kim Oman

Date/Time

5/5/11

1010

RECEIVED BY

(Printed Name)

Sheri Sheppard

Sheri Sheppard

Date/Time

5/5/11

1010

SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3445

EVENT NAME: Delta Prime East - Bldg. 21-152 - SWMU-21-011(b)

SAMPLE ID: RE21-11-7886

WORK ORDER:

	<u>AS PLANNED</u>	<u>AS COLLECTED</u>	<u>AS PLANNED</u>	<u>AS COLLECTED</u>
DATE COLLECTED(MM/DD/YYYY):		5/4/2011	MEDIA: ALLH	QBT3
TIME COLLECTED (HH:MM)		14:30	SUB-MEDIA: SOIL	TUFF
PRS ID: 21-011(b)		OK	SAMPLE TECH CODE: HA	OK
LOCATION ID: 21-614200		OK	FIELD QC TYPE: NA	↓
LOCATION TYPE: GENERIC		OK	FIELD PREP: NA	↓
TOP DEPTH: 0		8	SAMPLE USAGE: INV	↓
BOTTOM DEPTH: 0		9	SCREEN/PORT DESC: NA	↓
FIELD MATRIX: S		R	EXCAVATED: YES/NO/NA	↓
COMPOSITE TYPE: NA			COMPOSITE TIME INTERVAL: NA	WATER FLOWING: YES/NO/NA
BOREHOLE: YES/NO/NA			BOREHOLE DECLINATION: NA	BOREHOLE DIRECTION: NA

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	Regular	8260B	125 ML SEPTUM AMBER GLASS	Ice	Yes	
1		8270C	250 ML AMBER GLASS	Ice	↓	
1		AM+GS+U+PU+TH+SR90	1 LITER POLY	None	↓	
2		ASBESTOS	125 ML GLASS	Ice	↓	
1		H3	500 ML POLY	Ice	↓	+ Tc-99
1		METALS-GEL	125 ML POLY	Ice	↓	
1	↓	Perchlorate+CN+N03+pH	500 ML POLY	Ice	↓	
1	NA	RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	No	

SAMPLE DESC: *Gray ash tuff, slightly moist*

SAMPLE COMMENTS: *SA Alone FR RE21-11-8042 5/4/11*

LOCATION DESC: *WP Location 152-23*

FIELD SCREENING/MEASUREMENT RESULTS: $PID \frac{\text{Ambient Reading}}{\text{Reading}} = \text{ppm } \frac{0}{0}$ Alpha = $\frac{15}{0.13} \text{ dpm}$ Beta/Gamma = $\frac{466}{466} \text{ dpm}$

COLLECTED BY (PRINT) Glenda S. Fried REVIEWED BY (PRINT) J. Branch

RELINQUISHED BY (Printed Name) <u>Lourdes Cardona</u>	Date/Time <u>5/5/11</u> <u>10:12</u>	RECEIVED BY (Printed Name) <u>Sherrin Sherwood</u>	Date/Time <u>5/5/11</u> <u>1012</u>
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SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3445

EVENT NAME: Delta Prime East - Bldg. 21-152 - SWMU-21-011(b)

SAMPLE ID: RE21-11-7887

WORK ORDER:

	AS PLANNED	AS COLLECTED	AS PLANNED	AS COLLECTED
DATE COLLECTED(MM/DD/YYYY):		5/5/2011	MEDIA: ALLH	QBT3
TIME COLLECTED (HH:MM)		11:44	SUB-MEDIA: SOIL	TUFF
PRS ID: 21-011(b)		OK	SAMPLE TECH CODE: HA	OK
LOCATION ID: 21-614201		OK	FIELD QC TYPE: NA	↓
LOCATION TYPE: GENERIC		OK	FIELD PREP: NA	
TOP DEPTH: 0		6	SAMPLE USAGE: INV	
BOTTOM DEPTH: 0		7	SCREEN/PORT DESC: NA	
FIELD MATRIX: S		R	EXCAVATED: YES <input checked="" type="radio"/> NO <input type="radio"/> NA	
COMPOSITE TYPE: NA		COMPOSITE TIME INTERVAL: NA	WATER FLOWING: YES <input checked="" type="radio"/> NO <input type="radio"/> NA	
BOREHOLE: YES <input checked="" type="radio"/> NO <input type="radio"/> NA		BOREHOLE DECLINATION: NA	BOREHOLE DIRECTION: NA	

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	Regular	8260B	125 ML SEPTUM AMBER GLASS	Ice	Yes	
1		8270C	250 ML AMBER GLASS	Ice	↓	
1		AM+GS+U+PU+TH+SR90	1 LITER POLY	None		
2		ASBESTOS	125 ML GLASS	Ice		
1		H3	500 ML POLY	Ice		+ Tc-99
1		METALS-GEL	125 ML POLY	Ice		
1		Perchlorate+CN+N03+pH	500 ML POLY	Ice		
1	NA	RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	No	

SAMPLE DESC: Purplish-gray ash tuff, slightly moist

SAMPLE COMMENTS: Collected below base course at 6-7ft bgs

LOCATION DESC: WP Location 152-28

FIELD SCREENING/MEASUREMENT RESULTS: PID $\frac{\text{Ambient Reading}}{\text{Reading}} = \text{ppm } \frac{0}{0}$ Alpha = 15 dpm Beta/Gamma = 699 dpm

COLLECTED BY (PRINT) Glenda S. Fred REVIEWED BY (PRINT) J. Branch

RELINQUISHED BY	Date/Time	RECEIVED BY	Date/Time
(Printed Name) Larry A. Lopez	05/06/11	K. G. ...	5/6/11
<i>Larry A. Lopez</i>	9:58	<i>[Signature]</i>	9:58

SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3445

EVENT NAME: Delta Prime East - Bldg. 21-152 - SWMU-21-011(b)

SAMPLE ID: RE21-11-7888

WORK ORDER:

	<u>AS PLANNED</u>	<u>AS COLLECTED</u>	<u>AS PLANNED</u>	<u>AS COLLECTED</u>
DATE COLLECTED(MM/DD/YYYY):		5/5/2011	MEDIA: ALLH	QBT3
TIME COLLECTED (HH:MM)		13:50	SUB-MEDIA: SOIL	TUFF
PRS ID: 21-011(b)		OK	SAMPLE TECH CODE: HA	OK
LOCATION ID: 21-614201		OK	FIELD QC TYPE: NA	↓
LOCATION TYPE: GENERIC		OK	FIELD PREP: NA	↓
TOP DEPTH: 0		8	SAMPLE USAGE: INV	↓
BOTTOM DEPTH: 0		9	SCREEN/PORT DESC: NA	↓
FIELD MATRIX: S		R	EXCAVATED: YES (NO) NA	↓
COMPOSITE TYPE: NA			COMPOSITE TIME INTERVAL: NA	WATER FLOWING: YES (NO) NA
BOREHOLE: YES (NO) NA			BOREHOLE DECLINATION: NA	BOREHOLE DIRECTION: NA

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	Regular	8260B	125 ML SEPTUM AMBER GLASS	Ice	Yes	
1	↓	8270C	250 ML AMBER GLASS	Ice	↓	
1	↓	AM+GS+U+PU+TH+SR90	1 LITER POLY	None	↓	
2	↓	ASBESTOS	125 ML GLASS	Ice	↓	
1	↓	H3	500 ML POLY	Ice	↓	+ Tc-99
1	↓	METALS-GEL	125 ML POLY	Ice	↓	
1	↓	Perchlorate+CN+N03+pH	500 ML POLY	Ice	↓	
1	NA	RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	No	

SAMPLE DESC: Purplish-gray ash tuft, slightly moist

SAMPLE COMMENTS: None

LOCATION DESC: WP Location 152-28

FIELD SCREENING/MEASUREMENT RESULTS: $PID \frac{\text{Ambient Reading}}{\text{Reading}} = \text{ppm} \frac{0}{0}$ Alpha = $\frac{46}{0} \text{ dpm}$ Beta/Gamma = $\frac{233}{0} \text{ dpm}$

COLLECTED BY (PRINT) Glenda S. Fred REVIEWED BY (PRINT) J. Branch

RELINQUISHED BY (Printed Name) <u>Larry A. Lopez</u> <u>Randy A. Lopez</u>	Date/Time <u>5/6/11</u> <u>9:58</u>	RECEIVED BY (Printed Name) <u>K. Greer</u> <u>[Signature]</u>	Date/Time <u>5/6/11</u> <u>9:58</u>
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SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3445

EVENT NAME: Delta Prime East - Bldg. 21-152 - SWMU-21-011(b)

SAMPLE ID: RE21-11-7889

WORK ORDER:

	<u>AS PLANNED</u>	<u>AS COLLECTED</u>	<u>AS PLANNED</u>	<u>AS COLLECTED</u>
DATE COLLECTED(MM/DD/YYYY):		5/5/2011	MEDIA: ALLH	GBT3
TIME COLLECTED (HH:MM)		14:38	SUB-MEDIA: SOIL	TUFF
PRS ID: 21-011(b)		OK	SAMPLE TECH CODE: HA	OK
LOCATION ID: 21-614202		OK	FIELD QC TYPE: NA	↓
LOCATION TYPE: GENERIC		OK	FIELD PREP: NA	↓
TOP DEPTH: 0		6	SAMPLE USAGE: INV	↓
BOTTOM DEPTH: 0		7	SCREEN/PORT DESC: NA	
FIELD MATRIX: S		R	EXCAVATED: YES/NO/NA	
COMPOSITE TYPE: NA			COMPOSITE TIME INTERVAL: NA	
			WATER FLOWING: YES/NO/NA	
BOREHOLE: YES/NO/NA			BOREHOLE DECLINATION: NA	
			BOREHOLE DIRECTION: NA	

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	Regular	8260B	125 ML SEPTUM AMBER GLASS	Ice	Yes	
1	↓	8270C	250 ML AMBER GLASS	Ice	↓	
1	↓	AM+GS+U+PU+TH+SR90	1 LITER POLY	None	↓	
2	↓	ASBESTOS	125 ML GLASS	Ice	↓	
1	↓	H3	500 ML POLY	Ice	↓	+ Tc-99
1	↓	METALS-GEL	125 ML POLY	Ice	↓	
1	↓	Perchlorate+CN+N03+pH	500 ML POLY	Ice	↓	
1	NA	RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	No	

SAMPLE DESC: *Gray ash tuff, slightly moist*

SAMPLE COMMENTS: *FD RE21-11-8016; Collected below base course at 6-7 ft bgs*

LOCATION DESC: *WP Location 152-27*

FIELD SCREENING/MEASUREMENT RESULTS:

Alpha = 0 dpm
Beta/Gamma = 466 dpm

PID $\frac{\text{Ambient Reading}}{\text{Reading}} = \text{ppm } \frac{0}{0}$

COLLECTED BY (PRINT) *Glenda S. Fred* REVIEWED BY (PRINT) *J. Branch*

RELINQUISHED BY	RECEIVED BY	Date/Time
(Printed Name) <i>LARRY A. LOPEZ</i>	<i>K. Glick</i>	<i>5/6/11</i>
<i>Glenda S. Fred</i>	<i>[Signature]</i>	<i>9:58</i>

SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3445

EVENT NAME: Delta Prime East - Bldg. 21-152 - SWMU-21-011(b)

SAMPLE ID: RE21-11-7890

WORK ORDER:

	<u>AS PLANNED</u>	<u>AS COLLECTED</u>	<u>AS PLANNED</u>	<u>AS COLLECTED</u>
DATE COLLECTED(MM/DD/YYYY):		5/5/2011	MEDIA: ALLH	QBT3
TIME COLLECTED (HH:MM)		15:18	SUB-MEDIA: SOIL	TUFF
PRS ID: 21-011(b)		OK	SAMPLE TECH CODE: HA	OK
LOCATION ID: 21-614202		OK	FIELD QC TYPE: NA	↓
LOCATION TYPE: GENERIC		OK	FIELD PREP: NA	↓
TOP DEPTH: 0		8	SAMPLE USAGE: INV	↓
BOTTOM DEPTH: 0		9	SCREEN/PORT DESC: NA	
FIELD MATRIX: S		R	EXCAVATED: YES/NO/NA	
COMPOSITE TYPE: NA			COMPOSITE TIME INTERVAL: NA	WATER FLOWING: YES/NO/NA
BOREHOLE: YES/NO/NA			BOREHOLE DECLINATION: NA	BOREHOLE DIRECTION: NA

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	Regular	8260B	125 ML SEPTUM AMBER GLASS	Ice	Yes	
1		8270C	250 ML AMBER GLASS	Ice	↓	
1		AM+GS+U+PU+TH+SR90	1 LITER POLY	None	↓	
2		ASBESTOS	125 ML GLASS	Ice	↓	
1		H3	500 ML POLY	Ice	↓	+ Tc-99
1		METALS-GEL	125 ML POLY	Ice	↓	
1	↓	Perchlorate+CN+N03+pH	500 ML POLY	Ice	↓	
1	NA	RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	No	

SAMPLE DESC: *Gray ash tuff, slightly moist*

SAMPLE COMMENTS: *None*

LOCATION DESC: *WP Location 152-27*

FIELD SCREENING/MEASUREMENT RESULTS:

$PID \frac{\text{Ambient Reading}}{\text{Reading}} = \text{ppm} \frac{0}{0}$
Alpha = 31 dpm
Beta/Gamma = 699 dpm

COLLECTED BY (PRINT) Glenda S. Fred REVIEWED BY (PRINT) J. Branch

RELINQUISHED BY (Printed Name) <i>Larry A. Lopez</i> <i>Larry M. Lopez</i>	Date/Time <i>05/06/11</i> <i>9:58</i>	RECEIVED BY (Printed Name) <i>K. Greene</i> <i>[Signature]</i>	Date/Time <i>5/6/11</i> <i>9:58</i>
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SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3445

EVENT NAME: Delta Prime East - Bldg. 21-152 - SWMU-21-011(b)

SAMPLE ID: RE21-11-7891

WORK ORDER:

	AS PLANNED	AS COLLECTED	AS PLANNED	AS COLLECTED
DATE COLLECTED(MM/DD/YYYY):		05/06/2011	MEDIA: ALLH	QBT3
TIME COLLECTED (HH:MM)		10:15	SUB-MEDIA: SOIL	Tuff
PRS ID: 21-011(b)		OK	SAMPLE TECH CODE: HA	OK
LOCATION ID: 21-614203		↓	FIELD QC TYPE: NA	↓
LOCATION TYPE: GENERIC		↓	FIELD PREP: NA	↓
TOP DEPTH: 0		6	SAMPLE USAGE: INV	↓
BOTTOM DEPTH: 0		7	SCREEN/PORT DESC: N/A	
FIELD MATRIX: S		R	EXCAVATED: YES/NO/NA	
COMPOSITE TYPE: N/A			COMPOSITE TIME INTERVAL: N/A	WATER FLOWING: YES/NO/NA
BOREHOLE: YES/NO/NA			BOREHOLE DECLINATION: N/A	BOREHOLE DIRECTION: N/A

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS	
1	Regular	8260B	125 ML SEPTUM AMBER GLASS	Ice	yes		
1	↓	8270C	250 ML AMBER GLASS	Ice	↓		
1		AM+GS+U+PU+TH+SR90	1 LITER POLY	None			
2		ASBESTOS	125 ML GLASS	Ice			
1		H3	500 ML POLY	Ice			+ Tc-99
1		METALS-GEL	125 ML POLY	Ice			
1		Perchlorate+CN+N03+pH	500 ML POLY	Ice		↓	
1	NA	RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	No		

SAMPLE DESC:

Grey/Purple tuff. Slightly indurated and dry.

SAMPLE COMMENTS: FD: RE21-11-8017

Sample collected @ 6' bgs, beneath base course.

LOCATION DESC:

WP Location 152-26

FIELD SCREENING/MEASUREMENT RESULTS:

$$PID \frac{\text{Ambient Reading}}{\text{}} = \text{ppm } \frac{0}{0} \quad \text{Alpha} = \frac{0}{0} \text{ dpm} \quad \text{Beta/Gamma} = \underline{365} \text{ dpm}$$

COLLECTED BY (PRINT) Gilenda S Fred REVIEWED BY (PRINT) J. Branch

<p>RELINQUISHED BY</p> <p>(Printed Name) <u>Larry A. Lopez</u> <u>Spring A. Lopez</u></p> <p>Date/Time <u>05/06/11</u> <u>1424</u></p>	<p>RECEIVED BY</p> <p>(Printed Name) <u>Sherrin Sherwood</u> <u>Sherrin Sherwood</u></p> <p>Date/Time <u>5/6/11</u> <u>1424</u></p>
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SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3445

EVENT NAME: Delta Prime East - Bldg. 21-152 - SWMU-21-011(b)

SAMPLE ID: RE21-11-7892

WORK ORDER:

	AS PLANNED	AS COLLECTED	AS PLANNED	AS COLLECTED
DATE COLLECTED(MM/DD/YYYY):		5/6/2011	MEDIA: ALLH	QBT3
TIME COLLECTED (HH:MM)		11:05	SUB-MEDIA: SOIL	TUFF
PRS ID: 21-011(b)		OK	SAMPLE TECH CODE: HA	OK
LOCATION ID: 21-614203		OK	FIELD QC TYPE: NA	↓
LOCATION TYPE: GENERIC		OK	FIELD PREP: NA	
TOP DEPTH: 0		8	SAMPLE USAGE: INV	
BOTTOM DEPTH: 0		9	SCREEN/PORT DESC: NA	
FIELD MATRIX: S		R	EXCAVATED: YES/NO/NA	
COMPOSITE TYPE: NA		COMPOSITE TIME INTERVAL: NA	WATER FLOWING: YES/NO/NA	
BOREHOLE: YES/NO/NA		BOREHOLE DECLINATION: NA	BOREHOLE DIRECTION: NA	

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	Regular	8260B	125 ML SEPTUM AMBER GLASS	Ice	Yes	
1		8270C	250 ML AMBER GLASS	Ice	↓	
1		AM+GS+U+PU+TH+SR90	1 LITER POLY	None	↓	
2		ASBESTOS	125 ML GLASS	Ice	↓	
1		H3	500 ML POLY	Ice	↓	+ Tc-99
1		METALS-GEL	125 ML POLY	Ice	↓	
1	↓	Perchlorate+CN+N03+pH	500 ML POLY	Ice	↓	
1	NA	RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	NO	

SAMPLE DESC: Purplish-gray ash tuff, slightly moist

SAMPLE COMMENTS: FTB RE21-11-10070

LOCATION DESC: WP Location 152-26

FIELD SCREENING/MEASUREMENT RESULTS: $PID \frac{\text{Ambient Reading}}{\text{Reading}} = \text{ppm} \frac{0}{0}$ Alpha = 21 dpm Beta/Gamma = 36 dpm

COLLECTED BY (PRINT) Glenda S. Fred REVIEWED BY (PRINT) J. Branch

RELINQUISHED BY (Printed Name) <u>Larry A. Lopez</u> <u>Larry A. Lopez</u>	Date/Time <u>05/06/11</u> <u>14:24</u>	RECEIVED BY (Printed Name) <u>Sherrin Sherwood</u> <u>Sherrin Sherwood</u>	Date/Time <u>05/06/11</u> <u>1424</u>
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SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3445

EVENT NAME: Delta Prime East - Bldg. 21-152 - SWMU-21-011(b)

SAMPLE ID: RE21-11-7893

WORK ORDER:

	<u>AS PLANNED</u>	<u>AS COLLECTED</u>		<u>AS PLANNED</u>	<u>AS COLLECTED</u>
DATE COLLECTED(MM/DD/YYYY):		04/06/2011	MEDIA:	ALLH	QBT3
TIME COLLECTED (HH:MM)		13:52	SUB-MEDIA:	SOIL	Tuff
PRS ID:	21-011(b)	OK	SAMPLE TECH CODE:	HA	ok
LOCATION ID:	21-614204	↓	FIELD QC TYPE:	NA	↓
LOCATION TYPE:	GENERIC	↓	FIELD PREP:	NA	↓
TOP DEPTH:	0	6	SAMPLE USAGE:	INV	↓
BOTTOM DEPTH:	0	7	SCREEN/PORT DESC:	NA	↓
FIELD MATRIX:	S	R	EXCAVATED: YES/NO/NA	NA	↓
COMPOSITE TYPE:	NA		COMPOSITE TIME INTERVAL:	NA	WATER FLOWING: YES/NO/NA
BOREHOLE: YES/NO/NA	NO		BOREHOLE DECLINATION:	NA	BOREHOLE DIRECTION: NA

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	regular	8260B	125 ML SEPTUM AMBER GLASS	Ice	YES	
1	↓	8270C+8082	250 ML AMBER GLASS	Ice	↓	
2	↓	8290	125 ML GLASS	Ice	↓	
1	↓	AM+GS+U+PU+TH+SR90	1 LITER POLY	None	↓	
2	↓	ASBESTOS	125 ML GLASS	Ice	↓	
1	↓	H3	500 ML POLY	Ice	↓	+ Tc-99
1	↓	METALS-GEL	125 ML POLY	Ice	↓	
1	↓	NMED Explosives list	250 ML AMBER GLASS	Ice	↓	
1	↓	Perchlorate+CN+N03+pH	500 ML POLY	Ice	↓	
1	↓	RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	No	

SAMPLE DESC: gray ash flow tuff, loose, with a few welded fragments

SAMPLE COMMENTS: collected beneath base course at 6' bgs

LOCATION DESC: WP location 152-3

FIELD SCREENING/MEASUREMENT RESULTS:

Alpha = 0 dpm
Beta/Gamma = 699 dpm

PID $\frac{\text{Ambient Reading}}{\text{Reading}} = \text{ppm } 0$

COLLECTED BY (PRINT) A. Fumall

REVIEWED BY (PRINT) J. Branch

SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3445

EVENT NAME: Delta Prime East - Bldg. 21-152 - SWMU-21-011(b)

RELINQUISHED BY (Printed Name) Lourdes Cordova (Signature) <i>Lourdes Cordova</i>	Date/Time 4/7/11 1025	RECEIVED BY (Printed Name) STEPHEN SHEPWOOD (Signature) <i>Stephen Shepwood</i>	Date/Time 4/7/11 1025
RELINQUISHED BY (Printed Name) (Signature)	Date/Time	RECEIVED BY (Printed Name) (Signature)	Date/Time

RE 21-11-7894

SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3445

EVENT NAME: Delta Prime East - Bldg. 21-152 - SWMU-21-011(b)

SAMPLE ID: RE21-11-7894

WORK ORDER:

	<u>AS PLANNED</u>	<u>AS COLLECTED</u>		<u>AS PLANNED</u>	<u>AS COLLECTED</u>
DATE COLLECTED(MM/DD/YYYY):		04/06/2011	MEDIA:	ALLH	QBT3
TIME COLLECTED (HH:MM)		14:23	SUB-MEDIA:	SOIL	Tuff
PRS ID:	21-011(b)	OK	SAMPLE TECH CODE:	HA	OK
LOCATION ID:	21-614204	↓	FIELD QC TYPE:	NA	↓
LOCATION TYPE:	GENERIC	↓	FIELD PREP:	NA	↓
TOP DEPTH:	0	8	SAMPLE USAGE:	INV	↓
BOTTOM DEPTH:	0	9	SCREEN/PORT DESC:	NA	
FIELD MATRIX:	S	R	EXCAVATED: YES/NO/NA	(NO)	
COMPOSITE TYPE:	NA		COMPOSITE TIME INTERVAL:	NA	WATER FLOWING: YES/NO/NA
BOREHOLE: YES/NO/NA	(NO)		BOREHOLE DECLINATION:	NA	BOREHOLE DIRECTION: NA

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	regular	8260B	125 ML SEPTUM AMBER GLASS	Ice	yes	
1	↓	8270C+8082	250 ML AMBER GLASS	Ice	↓	
2	↓	8290	125 ML GLASS	Ice	↓	
1	↓	AM+GS+U+PU+TH+SR90	1 LITER POLY	None	↓	
2	↓	ASBESTOS	125 ML GLASS	Ice	↓	
1	↓	H3	500 ML POLY	Ice	↓	+ Tc-99
1	↓	METALS-GEL	125 ML POLY	Ice	↓	
1	↓	NMED Explosives list	250 ML AMBER GLASS	Ice	↓	
1	↓	Perchlorate+CN+N03+pH	500 ML POLY	Ice	↓	
1	↓	RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	No	

SAMPLE DESC: gray ash flow tuff, loose with a few welded fragments, slightly moist

SAMPLE COMMENTS: FR - RE21-11-8033

LOCATION DESC: WP location 152-3

FIELD SCREENING/MEASUREMENT RESULTS:

PID $\frac{\text{Ambient Reading}}{\text{Reading}} = \text{ppm} \frac{0}{0}$

Alpha = $\frac{31}{466}$ dpm
Beta/Gamma = $\frac{466}{466}$ dpm

COLLECTED BY (PRINT) A. Furmall REVIEWED BY (PRINT) J. Branch

SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3445

EVENT NAME: Delta Prime East - Bldg. 21-152 - SWMU-21-011(b)

RELINQUISHED BY	Date/Time	RECEIVED BY	Date/Time
(Printed Name) <i>LARRY A LOPEZ</i>	<i>5/6/11</i>	<i>K. G. ...</i>	<i>5/6/11</i>
(Signature) <i>[Signature]</i>	<i>9:58</i>	<i>[Signature]</i>	<i>9:58</i>
RELINQUISHED BY	Date/Time	RECEIVED BY	Date/Time
(Printed Name)		(Printed Name)	
(Signature)		(Signature)	

RE21-71-7903

SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3445

EVENT NAME: Delta Prime East - Bldg. 21-152 - SWMU-21-011(b)

SAMPLE ID: RE21-11-7895

WORK ORDER:

	<u>AS PLANNED</u>	<u>AS COLLECTED</u>	<u>AS PLANNED</u>	<u>AS COLLECTED</u>
DATE COLLECTED(MM/DD/YYYY):		04/11/2011	MEDIA: <u>ALLH</u>	QBT3
TIME COLLECTED (HH:MM)		11:21	SUB-MEDIA: <u>SOIL</u>	Tuff
PRS ID: <u>21-011(b)</u>		OK	SAMPLE TECH CODE: <u>HA</u>	OK
LOCATION ID: <u>21-614205</u>		↓	FIELD QC TYPE: <u>NA</u>	↓
LOCATION TYPE: <u>GENERIC</u>		↓	FIELD PREP: <u>NA</u>	↓
TOP DEPTH: <u>0</u>		6	SAMPLE USAGE: <u>INV</u>	↓
BOTTOM DEPTH: <u>0</u>		7	SCREEN/PORT DESC: <u>NA</u>	
FIELD MATRIX: <u>S</u>		<u>R</u>	EXCAVATED: YES <input checked="" type="radio"/> NO <input type="radio"/> NA	
COMPOSITE TYPE: <u>NA</u>			COMPOSITE TIME INTERVAL: <u>NA</u>	WATER FLOWING: YES <input checked="" type="radio"/> NO <input type="radio"/> NA
BOREHOLE: YES <input checked="" type="radio"/> NO <input type="radio"/> NA			BOREHOLE DECLINATION: <u>NA</u>	BOREHOLE DIRECTION: <u>NA</u>

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	regular	8260B	125 ML SEPTUM AMBER GLASS	Ice	yes	
1	↓	8270C+8082	250 ML AMBER GLASS	Ice	↓	
2	↓	8290	125 ML GLASS	Ice	↓	
1	↓	AM+GS+U+PU+TH+SR90	1 LITER POLY	None	↓	
2	↓	ASBESTOS	125 ML GLASS	Ice	↓	
1	↓	H3	500 ML POLY	Ice	↓	+ Tc-99
1	↓	METALS-GEL	125 ML POLY	Ice	↓	
1	↓	NMED Explosives list	250 ML AMBER GLASS	Ice	↓	
1	↓	Perchlorate+CN+N03+pH	500 ML POLY	Ice	↓	
1	↓	RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	No	

SAMPLE DESC: gray ash flow tuff, loose with a few welded fragments

SAMPLE COMMENTS: collected beneath base course at 6' bgs

LOCATION DESC: WP location 152-5

FIELD SCREENING/MEASUREMENT RESULTS:

PID $\frac{\text{Ambient Reading}}{\text{Reading}} = \text{ppm}$ $\frac{0}{0}$

Alpha = 0 dpm
Beta/Gamma = 69 dpm

COLLECTED BY (PRINT) A. Fermall

REVIEWED BY (PRINT) J. Branchi

SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3445

EVENT NAME: Delta Prime East - Bldg. 21-152 - SWMU-21-011(b)

RELINQUISHED BY (Printed Name) <i>H. H. Suman</i> (Signature) <i>H. H. Suman</i>	Date/Time <i>4/12/11</i> <i>1045</i>	RECEIVED BY (Printed Name) <i>Shari Howard</i> (Signature) <i>Shari Howard</i>	Date/Time <i>4/12/11</i> <i>1045</i>
RELINQUISHED BY (Printed Name) (Signature)	Date/Time	RECEIVED BY (Printed Name) (Signature)	Date/Time

SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3445

EVENT NAME: Delta Prime East - Bldg. 21-152 - SWMU-21-011(b)

SAMPLE ID: RE21-11-7896

WORK ORDER:

	<u>AS PLANNED</u>	<u>AS COLLECTED</u>	<u>AS PLANNED</u>	<u>AS COLLECTED</u>
DATE COLLECTED(MM/DD/YYYY):		04/11/2011	MEDIA: ALLH	QBT3
TIME COLLECTED (HH:MM)		13:46	SUB-MEDIA: SOIL	Tuff
PRS ID: 21-011(b)		OK	SAMPLE TECH CODE: HA	OK
LOCATION ID: 21-614205		↓	FIELD QC TYPE: NA	
LOCATION TYPE: GENERIC		↓	FIELD PREP: NA	↓
TOP DEPTH: 0		8	SAMPLE USAGE: INV	
BOTTOM DEPTH: 0		9	SCREEN/PORT DESC: NA	
FIELD MATRIX: S		R	EXCAVATED: YES <input checked="" type="radio"/> NO <input type="radio"/> NA	
COMPOSITE TYPE: NA			COMPOSITE TIME INTERVAL: NA	WATER FLOWING: YES <input checked="" type="radio"/> NO <input type="radio"/> NA
BOREHOLE: YES <input checked="" type="radio"/> NO <input type="radio"/> NA			BOREHOLE DECLINATION: NA	BOREHOLE DIRECTION: NA

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	regular	8260B	125 ML SEPTUM AMBER GLASS	Ice	yes	
1	J	8270C+8082	250 ML AMBER GLASS	Ice	↓	
2		8290	125 ML GLASS	Ice		
1		AM+GS+U+PU+TH+SR90	1 LITER POLY	None		
2		ASBESTOS	125 ML GLASS	Ice		
1		H3	500 ML POLY	Ice		+ Tc-99
1		METALS-GEL	125 ML POLY	Ice		
1		NMED Explosives list	250 ML AMBER GLASS	Ice		
1	✓	Perchlorate+CN+N03+pH	500 ML POLY	Ice	✓	
1		RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	No	

SAMPLE DESC: gray ash flow tuff, loose with welded fragments, slightly moist

SAMPLE COMMENTS: None

LOCATION DESC: WP location 152-5

FIELD SCREENING/MEASUREMENT RESULTS:

PID $\frac{\text{Ambient Reading}}{\text{Reading}} = \text{ppm} \quad \frac{0}{0}$

Alpha = $\frac{0}{932}$ dpm
Beta/Gamma = $\frac{932}{932}$ dpm

COLLECTED BY (PRINT) A. Farnell REVIEWED BY (PRINT) J. Branch

SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3445

EVENT NAME: Delta Prime East - Bldg. 21-152 - SWMU-21-011(b)

RELINQUISHED BY		Date/Time	RECEIVED BY	Date/Time
(Printed Name) <i>Loudes Cordua</i>		<i>4/12/11</i>	(Printed Name) <i>STEPH STEWART</i>	<i>4/12/11</i>
(Signature) <i>Loudes Cordua</i>		<i>10:45</i>	(Signature) <i>Steph Stewart</i>	<i>1045</i>
RELINQUISHED BY		Date/Time	RECEIVED BY	Date/Time
(Printed Name)			(Printed Name)	
(Signature)			(Signature)	

RE 21-11-7896

SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3445

EVENT NAME: Delta Prime East - Bldg. 21-152 - SWMU-21-011(b)

RELINQUISHED BY (Printed Name) <i>Lowdes Cordwa</i> (Signature) <i>Lowdes Cordwa</i>	Date/Time <i>4/15/11</i> <i>2:00</i>	RECEIVED BY <i>K. Green</i> (Printed Name) (Signature) <i>[Signature]</i>	Date/Time <i>4/15/11</i> <i>2:00</i>
RELINQUISHED BY (Printed Name) (Signature)	Date/Time	RECEIVED BY (Printed Name) (Signature)	Date/Time

RE21-11-7897

SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3445

EVENT NAME: Delta Prime East - Bldg. 21-152 - SWMU-21-011(b)

SAMPLE ID: RE21-11-7898

WORK ORDER:

	<u>AS PLANNED</u>	<u>AS COLLECTED</u>	<u>AS PLANNED</u>	<u>AS COLLECTED</u>
DATE COLLECTED(MM/DD/YYYY):		04/14/2011	MEDIA: ALLH	QBT3
TIME COLLECTED (HH:MM)		09:15	SUB-MEDIA: SOIL	Tuff
PRS ID: 21-011(b)		OK	SAMPLE TECH CODE: HA	OK
LOCATION ID: 21-614206		↓	FIELD QC TYPE: NA	
LOCATION TYPE: <u>GENERIC</u>		↓	FIELD PREP: NA	↓
TOP DEPTH: 0		8	SAMPLE USAGE: INV	
BOTTOM DEPTH: 0		9	SCREEN/PORT DESC: NA	
FIELD MATRIX: S		R	EXCAVATED: YES / <input checked="" type="radio"/> NO / NA	
COMPOSITE TYPE: NA			COMPOSITE TIME INTERVAL: NA	WATER FLOWING: YES / <input checked="" type="radio"/> NO / NA
BOREHOLE: YES / <input checked="" type="radio"/> NO / NA			BOREHOLE DECLINATION: NA	BOREHOLE DIRECTION: NA

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	regular	8260B	125 ML SEPTUM AMBER GLASS	Ice	yes	
1		8270C+8082	250 ML AMBER GLASS	Ice		
2		8290	125 ML GLASS	Ice		
1		AM+GS+U+PU+TH+SR90	1 LITER POLY	None		
2		ASBESTOS	125 ML GLASS	Ice		
1		H3	500 ML POLY	Ice		+ Tc-99
1		METALS-GEL	125 ML POLY	Ice		
1		NMED Explosives list	250 ML AMBER GLASS	Ice		
1	✓	Perchlorate+CN+N03+pH	500 ML POLY	Ice	↓	
1		RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	No	

SAMPLE DESC: gray ash flow tuff, moist, with approx 50% silty clay forms clumps

SAMPLE COMMENTS: possible fracture in tuff

LOCATION DESC: WP location 152-11

FIELD SCREENING/MEASUREMENT RESULTS:

PID $\frac{\text{Ambient Reading}}{\text{Reading}} = \text{ppm} \frac{0}{0}$

Alpha = $\frac{0}{233}$ dpm
Beta/Gamma = 233 dpm

COLLECTED BY (PRINT) A. Furrall REVIEWED BY (PRINT) J. Branch

SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3445

EVENT NAME: Delta Prime East - Bldg. 21-152 - SWMU-21-011(b)

RELINQUISHED BY (Printed Name) <i>Lowdes Cordova</i> (Signature) <i>Lowdes Cordova</i>	Date/Time 4/15/11 2:00	RECEIVED BY <i>K. Green</i> (Printed Name) (Signature) <i>[Signature]</i>	Date/Time 4/15/11 2:00
RELINQUISHED BY (Printed Name) (Signature)	Date/Time	RECEIVED BY (Printed Name) (Signature)	Date/Time

RE 21-11-7898

SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3445

EVENT NAME: Delta Prime East - Bldg. 21-152 - SWMU-21-011(b)

SAMPLE ID: RE21-11-7899

WORK ORDER:

	<u>AS PLANNED</u>	<u>AS COLLECTED</u>	<u>AS PLANNED</u>	<u>AS COLLECTED</u>
DATE COLLECTED(MM/DD/YYYY):		4/18/2011	MEDIA: ALLH	QBT3
TIME COLLECTED (HH:MM)		15:06	SUB-MEDIA: SOIL	Tuff
PRS ID: 21-011(b)		OK	SAMPLE TECH CODE: HA	OK
LOCATION ID: 21-614207		OK	FIELD QC TYPE: NA	↓
LOCATION TYPE: GENERIC		OK	FIELD PREP: NA	
TOP DEPTH: 0		6	SAMPLE USAGE: INV	
BOTTOM DEPTH: 0		7	SCREEN/PORT DESC: NA	
FIELD MATRIX: S		R	EXCAVATED: YES <input checked="" type="radio"/> NO <input type="radio"/> NA	
COMPOSITE TYPE: NA		COMPOSITE TIME INTERVAL: NA	WATER FLOWING: YES <input checked="" type="radio"/> NO <input type="radio"/> NA	
BOREHOLE: YES <input checked="" type="radio"/> NO <input type="radio"/> NA		BOREHOLE DECLINATION: NA	BOREHOLE DIRECTION: NA	

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS	
1	Regular	8260B	125 ML SEPTUM AMBER GLASS	Ice	y		
1		8270C+8082	250 ML AMBER GLASS	Ice	↓		
2		8290	125 ML GLASS	Ice			
1		AM+GS+U+PU+TH+SR90	1 LITER POLY	None			
2		ASBESTOS	125 ML GLASS	Ice			
1		H3	500 ML POLY	Ice		+ Tc-99	
1		METALS-GEL	125 ML POLY	Ice			
1		NMED Explosives list	250 ML AMBER GLASS	Ice			
1	↓	Perchlorate+CN+N03+pH	500 ML POLY	Ice		↓	
1	NA	RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None		N	

SAMPLE DESC: Purplish-gray tuff dry

SAMPLE COMMENTS: Sample collected beneath base-course at 6-7ft bgs

LOCATION DESC: WP location #17

FIELD SCREENING/MEASUREMENT RESULTS:

$PID \frac{\text{Ambient Reading}}{\text{Reading}} = ppm \frac{0}{0}$

Alpha = 7 dpm
 Beta/Gamma = 23 dpm

COLLECTED BY (PRINT) Glenda S. Fred REVIEWED BY (PRINT) J. Branch

SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3445

EVENT NAME: Delta Prime East - Bldg. 21-152 - SWMU-21-011(b)

RELINQUISHED BY (Printed Name) <i>Lourdes Cordova</i> (Signature) <i>Lourdes Cordova</i>	Date/Time <i>4/19/11</i> <i>10:20</i>	RECEIVED BY (Printed Name) <i>JVALder</i> (Signature) <i>JVALder</i>	Date/Time <i>4/19/11</i> <i>10:20</i>
RELINQUISHED BY (Printed Name) (Signature)	Date/Time	RECEIVED BY (Printed Name) (Signature)	Date/Time

RE 21-11-7899

SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3445

EVENT NAME: Delta Prime East - Bldg. 21-152 - SWMU-21-011(b)

SAMPLE ID: RE21-11-7900

WORK ORDER:

	<u>AS PLANNED</u>	<u>AS COLLECTED</u>		<u>AS PLANNED</u>	<u>AS COLLECTED</u>
DATE COLLECTED(MM/DD/YYYY):		4/18/2011	MEDIA:	ALLH	QBT3
TIME COLLECTED (HH:MM)		15:30	SUB-MEDIA:	SOIL	TUFF
PRS ID:	21-011(b)	OK	SAMPLE TECH CODE:	HA	OK
LOCATION ID:	21-614207	OK	FIELD QC TYPE:	NA	
LOCATION TYPE:	GENERIC	OK	FIELD PREP:	NA	↓
TOP DEPTH:	0	8	SAMPLE USAGE:	INV	
BOTTOM DEPTH:	0	9	SCREEN/PORT DESC:	NA	
FIELD MATRIX:	S	R	EXCAVATED: YES/(NO) NA		
COMPOSITE TYPE:	NA		COMPOSITE TIME INTERVAL: NA		WATER FLOWING: YES/(NO) NA
BOREHOLE: YES (NO) NA			BOREHOLE DECLINATION: NA		BOREHOLE DIRECTION: NA

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	Regular	8260B	125 ML SEPTUM AMBER GLASS	Ice	Y	
1	↓	8270C+8082	250 ML AMBER GLASS	Ice	↓	
2	↓	8290	125 ML GLASS	Ice	↓	
1	↓	AM+GS+U+PU+TH+SR90	1 LITER POLY	None	↓	
2	↓	ASBESTOS	125 ML GLASS	Ice	↓	
1	↓	H3	500 ML POLY	Ice	↓	+ Tc-99
1	↓	METALS-GEL	125 ML POLY	Ice	↓	
1	↓	NMED Explosives list	250 ML AMBER GLASS	Ice	↓	
1	↓	Perchlorate+CN+N03+pH	500 ML POLY	Ice	↓	
1	NA	RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	N	

SAMPLE DESC: Purplish-grey dry tuff

SAMPLE COMMENTS: None

LOCATION DESC: Wk Plan Location #17

FIELD SCREENING/MEASUREMENT RESULTS:

PID $\frac{\text{Ambient Reading}}{\text{Reading}} = \text{ppm} \frac{0}{0}$

Alpha = $\frac{14}{73}$ dpm
Beta/Gamma = $\frac{73}{73}$ dpm

COLLECTED BY (PRINT) Glenda S. Freed REVIEWED BY (PRINT) J. Branch

SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3445

EVENT NAME: Delta Prime East - Bldg. 21-152 - SWMU-21-011(b)

RELINQUISHED BY (Printed Name) Lourdes Cordwa (Signature) <i>Lourdes Cordwa</i>	Date/Time 4/19/11 10:20	RECEIVED BY (Printed Name) SYADOR. (Signature) <i>Jayles</i>	Date/Time 4/19/11 1020
RELINQUISHED BY (Printed Name) (Signature)	Date/Time	RECEIVED BY (Printed Name) (Signature)	Date/Time

RE 21-11-7900

SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3445

EVENT NAME: Delta Prime East - Bldg. 21-152 - SWMU-21-011(b)

SAMPLE ID: RE21-11-7901

WORK ORDER:

	<u>AS PLANNED</u>	<u>AS COLLECTED</u>		<u>AS PLANNED</u>	<u>AS COLLECTED</u>
DATE COLLECTED(MM/DD/YYYY):		4/20/2011	MEDIA:	ALLH	GBT3
TIME COLLECTED (HH:MM)		14:22	SUB-MEDIA:	SOIL	TUFF
PRS ID: 21-011(b)		OK	SAMPLE TECH CODE:	HA	OK
LOCATION ID: 21-614208		OK	FIELD QC TYPE:	NA	↓
LOCATION TYPE: GENERIC		OK	FIELD PREP:	NA	
TOP DEPTH: 0		6	SAMPLE USAGE:	INV	
BOTTOM DEPTH: 0		7	SCREEN/PORT DESC:	NA	
FIELD MATRIX: S		R	EXCAVATED: YES/(NO) NA		
COMPOSITE TYPE: NA			COMPOSITE TIME INTERVAL: NA		WATER FLOWING: YES/(NO) NA
BOREHOLE: YES/(NO) NA			BOREHOLE DECLINATION: NA		BOREHOLE DIRECTION: NA

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	Regular	8260B	125 ML SEPTUM AMBER GLASS	Ice	Y	
1		8270C+8082	250 ML AMBER GLASS	Ice		
2		8290	125 ML GLASS	Ice		
1		AM+GS+U+PU+TH+SR90	1 LITER POLY	None		
2		ASBESTOS	125 ML GLASS	Ice		
1		H3	500 ML POLY	Ice		+ Tc-99
1		METALS-GEL	125 ML POLY	Ice		
1		NMED Explosives list	250 ML AMBER GLASS	Ice		
1	↓	Perchlorate+CN+N03+pH	500 ML POLY	Ice	↓	
1	NA	RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	No	

SAMPLE DESC: Purplish-gray dry tuff with small portion of moist clay and brown weathered tuff zones

SAMPLE COMMENTS: Sample collected beneath base course at 6-7ft bgs

LOCATION DESC: WK Plan Location 152-19

FIELD SCREENING/MEASUREMENT RESULTS:

PID $\frac{\text{Ambient}}{\text{Realt.}}$ = ppm 0

Alpha = 0 dpm
Beta/Gamma = 699 dpm

COLLECTED BY (PRINT) Glenda S. Fred REVIEWED BY (PRINT) A. Fumall

SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3445

EVENT NAME: Delta Prime East - Bldg. 21-152 - SWMU-21-011(b)

SAMPLE ID: RE21-11-7902

WORK ORDER:

	<u>AS PLANNED</u>	<u>AS COLLECTED</u>	<u>AS PLANNED</u>	<u>AS COLLECTED</u>
DATE COLLECTED(MM/DD/YYYY):		4/20/2011	MEDIA: ALLH	QBT3
TIME COLLECTED (HH:MM)		14:50	SUB-MEDIA: SOIL	TUFF
PRS ID: 21-011(b)		OK	SAMPLE TECH CODE: HA	OK
LOCATION ID: 21-614208		OK	FIELD QC TYPE: NA	↓
LOCATION TYPE: GENERIC		OK	FIELD PREP: NA	↓
TOP DEPTH: 0		8	SAMPLE USAGE: INV	↓
BOTTOM DEPTH: 0		9	SCREEN/PORT DESC: NA	↓
FIELD MATRIX: S		R	EXCAVATED: YES (NO) NA	
COMPOSITE TYPE: NA		COMPOSITE TIME INTERVAL: NA	WATER FLOWING: YES (NO) NA	
BOREHOLE: YES (NO) NA		BOREHOLE DECLINATION: NA	BOREHOLE DIRECTION: NA	

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	Regular	8260B	125 ML SEPTUM AMBER GLASS	Ice	Y	
1		8270C+8082	250 ML AMBER GLASS	Ice	↓	
2		8290	125 ML GLASS	Ice	↓	
1		AM+GS+U+PU+TH+SR90	1 LITER POLY	None	↓	
2		ASBESTOS	125 ML GLASS	Ice	↓	
1		H3	500 ML POLY	Ice	↓	+ Tc-99
1		METALS-GEL	125 ML POLY	Ice	↓	
1		NMED Explosives list	250 ML AMBER GLASS	Ice	↓	
1	✓	Perchlorate+CN+N03+pH	500 ML POLY	Ice	↓	
1	NA	RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	N	

SAMPLE DESC: Gray dry tuff with brown weathered zones

SAMPLE COMMENTS: FR RE21-11-8037

LOCATION DESC: WP LOCATION 152-19

FIELD SCREENING/MEASUREMENT RESULTS:

Alpha = 15 dpm
Beta/Gamma = 699 dpm

PID $\frac{\text{Ambient}}{\text{Background}} = \text{ppm } 0$

COLLECTED BY (PRINT) Glenda S. Fred REVIEWED BY (PRINT) A. Fumall

SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3445

EVENT NAME: Delta Prime East - Bldg. 21-152 - SWMU-21-011(b)

RELINQUISHED BY (Printed Name) <i>Kim Oman</i> (Signature) <i>[Signature]</i>	Date/Time <i>4/21/11</i> <i>1050</i>	RECEIVED BY (Printed Name) <i>Miss Monty</i> (Signature) <i>[Signature]</i>	Date/Time <i>4/21/11</i> <i>1050</i>
RELINQUISHED BY (Printed Name) (Signature)	Date/Time	RECEIVED BY (Printed Name) (Signature)	Date/Time

SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3445

EVENT NAME: Delta Prime East - Bldg. 21-152 - SWMU-21-011(b)

SAMPLE ID: RE21-11-7903

WORK ORDER:

	<u>AS PLANNED</u>	<u>AS COLLECTED</u>	<u>AS PLANNED</u>	<u>AS COLLECTED</u>
DATE COLLECTED(MM/DD/YYYY):		5/5/2011	MEDIA: ALLH	QBT3
TIME COLLECTED (HH:MM)		9:54	SUB-MEDIA: SOIL	TUFF
PRS ID: 21-011(b)		OK	SAMPLE TECH CODE: HA	OK
LOCATION ID: 21-614209		OK	FIELD QC TYPE: NA	↓
LOCATION TYPE: GENERIC		OK	FIELD PREP: NA	↓
TOP DEPTH: 0		6	SAMPLE USAGE: INV	↓
BOTTOM DEPTH: 0		7	SCREEN/PORT DESC: NA	↓
FIELD MATRIX: S		R	EXCAVATED: YES/NO/NA	
COMPOSITE TYPE: NA		COMPOSITE TIME INTERVAL: NA	WATER FLOWING: YES/NO/NA	
BOREHOLE: YES/NO/NA		BOREHOLE DECLINATION: NA	BOREHOLE DIRECTION: NA	

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	Regular	8260B	125 ML SEPTUM AMBER GLASS	Ice	Yes	
1	↓	8270C+8082	250 ML AMBER GLASS	Ice		
2	↓	8290	125 ML GLASS	Ice		
1	↓	AM+GS+U+PU+TH+SR90	1 LITER POLY	None		
2	↓	ASBESTOS	125 ML GLASS	Ice		
1	↓	H3	500 ML POLY	Ice		+ Tc-99
1	↓	METALS-GEL	125 ML POLY	Ice		
1	↓	NMED Explosives list	250 ML AMBER GLASS	Ice		
1	↓	Perchlorate+CN+N03+pH	500 ML POLY	Ice	↓	
1	NA	RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	No	

SAMPLE DESC: *Purplish-gray ash tuff, slightly moist*

SAMPLE COMMENTS:

FTB RE21-11-10069; Collected below base course at 6-Tft bgs

LOCATION DESC:

WP Location 152-25

FIELD SCREENING/MEASUREMENT RESULTS:

PID $\frac{\text{Ambient Reading}}{\text{Reading}} = \text{ppm} \frac{0}{0}$

Alpha = 31 dpm
Beta/Gamma = 699 dpm

COLLECTED BY (PRINT) Gilenda S. Fred REVIEWED BY (PRINT) J. Branch

SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3445

EVENT NAME: Delta Prime East - Bldg. 21-152 - SWMU-21-011(b)

RELINQUISHED BY (Printed Name) <i>Louder Cordova</i> (Signature) <i>Louder Cordova</i>	Date/Time <i>4/7/11</i> <i>1025</i>	RECEIVED BY (Printed Name) <i>SAER SHEERWOOD</i> (Signature) <i>SAER SHEERWOOD</i>	Date/Time <i>4/7/11</i> <i>1025</i>
RELINQUISHED BY (Printed Name) (Signature)	Date/Time	RECEIVED BY (Printed Name) (Signature)	Date/Time

RE 21-11-7893

SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3445

EVENT NAME: Delta Prime East - Bldg. 21-152 - SWMU-21-011(b)

SAMPLE ID: RE21-11-7904

WORK ORDER:

	<u>AS PLANNED</u>	<u>AS COLLECTED</u>	<u>AS PLANNED</u>	<u>AS COLLECTED</u>
DATE COLLECTED(MM/DD/YYYY):		5/5/2011	MEDIA: ALLH	QBT3
TIME COLLECTED (HH:MM)		10:38	SUB-MEDIA: SOIL	TUFF
PRS ID: 21-011(b)		OK	SAMPLE TECH CODE: HA	OK
LOCATION ID: 21-614209		OK	FIELD QC TYPE: NA	↓
LOCATION TYPE: GENERIC		OK	FIELD PREP: NA	
TOP DEPTH: 0		8	SAMPLE USAGE: INV	
BOTTOM DEPTH: 0		9	SCREEN/PORT DESC: NA	
FIELD MATRIX: S		R	EXCAVATED: YES <input checked="" type="radio"/> NO <input type="radio"/> NA	
COMPOSITE TYPE: NA		COMPOSITE TIME INTERVAL: NA	WATER FLOWING: YES <input checked="" type="radio"/> NO <input type="radio"/> NA	
BOREHOLE: YES <input checked="" type="radio"/> NO <input type="radio"/> NA		BOREHOLE DECLINATION: NA	BOREHOLE DIRECTION: NA	

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS		
1	Regular	8260B	125 ML SEPTUM AMBER GLASS	Ice	Yes			
1	↓	8270C+8082	250 ML AMBER GLASS	Ice	↓			
2		8290	125 ML GLASS	Ice				
1		AM+GS+U+PU+TH+SR90	1 LITER POLY	None				
2		ASBESTOS	125 ML GLASS	Ice				
1		H3	500 ML POLY	Ice		+ Tc-99		
1		METALS-GEL	125 ML POLY	Ice				
1		NMED Explosives list	250 ML AMBER GLASS	Ice				
1		Perchlorate+CN+N03+pH	500 ML POLY	Ice		↓		
1		NA	RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG		None	No	

SAMPLE DESC: *Purplish-gray ash tuff, slightly moist*

SAMPLE COMMENTS: *None*

LOCATION DESC: *WP Location 152-25*

FIELD SCREENING/MEASUREMENT RESULTS:

PID $\frac{\text{Ambient Reading}}{\text{Reading}} = \text{ppm} \frac{0}{0}$

Alpha = $\frac{0}{0}$ dpm
Beta/Gamma = *466* dpm

COLLECTED BY (PRINT) *Glenda S. Fred*

REVIEWED BY (PRINT) *J. Branchi*

SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3445

EVENT NAME: Delta Prime East - Bldg. 21-152 - SWMU-21-011(b)

RELINQUISHED BY (Printed Name) <i>LARRY A. GPEZ</i> (Signature) <i>Larry A. Gpez</i>	Date/Time <i>05/06/11</i> <i>9:58</i>	RECEIVED BY <i>K. G. J. J. J.</i> (Printed Name) (Signature) <i>[Signature]</i>	Date/Time <i>5/6/11</i> <i>9:58</i>
RELINQUISHED BY (Printed Name) (Signature)	Date/Time	RECEIVED BY (Printed Name) (Signature)	Date/Time

RE21-11-7904

SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3445

EVENT NAME: Delta Prime East - Bldg. 21-152 - SWMU-21-011(b)

SAMPLE ID: RE21-11-7938

WORK ORDER:

	<u>AS PLANNED</u>	<u>AS COLLECTED</u>	<u>AS PLANNED</u>	<u>AS COLLECTED</u>
DATE COLLECTED(MM/DD/YYYY):		4/26/2011	MEDIA: ALLH	QBT3
TIME COLLECTED (HH:MM)		14:29	SUB-MEDIA: SOIL	TUFF
PRS ID: 21-011(b)		OK	SAMPLE TECH CODE: HA	OK
LOCATION ID: 21-614223		OK	FIELD QC TYPE: NA	↓
LOCATION TYPE: GENERIC		OK	FIELD PREP: NA	
TOP DEPTH: 0		5	SAMPLE USAGE: INV	
BOTTOM DEPTH: 0		6	SCREEN/PORT DESC: NA	
FIELD MATRIX: S		R	EXCAVATED: YES (NO) NA	
COMPOSITE TYPE: NA		COMPOSITE TIME INTERVAL: NA	WATER FLOWING: YES (NO) NA	
BOREHOLE: YES (NO) NA		BOREHOLE DECLINATION: NA	BOREHOLE DIRECTION: NA	

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	Regular	8260B	125 ML SEPTUM AMBER GLASS	Ice	Yes	
1	↓	8270C+8082	250 ML AMBER GLASS	Ice	↓	
2		8290	125 ML GLASS	Ice		
1		AM+GS+U+PU+TH+SR90	1 LITER POLY	None		
1		H3	500 ML POLY	Ice		+ Tc-99
1		METALS-GEL	125 ML POLY	Ice		
1		NMED Explosives list	250 ML AMBER GLASS	Ice		
1		Perchlorate+CN+N03+pH	500 ML POLY	Ice		
1	NA	RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	No	

SAMPLE DESC: Gray ash tuft, slightly moist

SAMPLE COMMENTS: None

LOCATION DESC: WP Location 152-44

FIELD SCREENING/MEASUREMENT RESULTS: $PID \frac{\text{Ambient Reading}}{\text{Reading}} = ppm \frac{0}{0}$ Alpha = $\frac{0}{0}$ dpm Beta/Gamma = 466 dpm

COLLECTED BY (PRINT) Glenda S. Fred REVIEWED BY (PRINT) A. Farmall

RELINQUISHED BY	Date/Time	RECEIVED BY	Date/Time
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SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3445

EVENT NAME: Delta Prime East - Bldg 21-152 - SWMU-21-011(b)

(Printed Name) <i>Kim Oman</i>	<i>4/27/11</i>	(Printed Name) <i>Alise Matz</i>	<i>4/27/11</i>
(Signature) <i>[Signature]</i>	<i>0945</i>	(Signature) <i>[Signature]</i>	<i>945</i>
RELINQUISHED BY	Date/Time	RECEIVED BY	Date/Time
(Printed Name)		(Printed Name)	
(Signature)		(Signature)	

SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3445

EVENT NAME: Delta Prime East - Bldg. 21-152 - SWMU-21-011(b)

SAMPLE ID: RE21-11-7942

WORK ORDER:

	<u>AS PLANNED</u>	<u>AS COLLECTED</u>	<u>AS PLANNED</u>	<u>AS COLLECTED</u>
DATE COLLECTED(MM/DD/YYYY):		5/2/2011 5/6/2011 9/5/11	MEDIA: ALLH	OK
TIME COLLECTED (HH:MM)		13:27	SUB-MEDIA: SOIL	OK
PRS ID: 21-011(b)		OK	SAMPLE TECH CODE: HA	OK
LOCATION ID: 21-614225		OK	FIELD QC TYPE: NA	↓
LOCATION TYPE: GENERIC		OK	FIELD PREP: NA	
TOP DEPTH: 0		6	SAMPLE USAGE: INV	
BOTTOM DEPTH: 0		7	SCREEN/PORT DESC: NA	
FIELD MATRIX: S		OK	EXCAVATED: YES <input checked="" type="radio"/> NO / NA	
COMPOSITE TYPE: NA		COMPOSITE TIME INTERVAL: NA	WATER FLOWING: YES <input checked="" type="radio"/> NO / NA	
BOREHOLE: YES <input checked="" type="radio"/> NO / NA		BOREHOLE DECLINATION: NA	BOREHOLE DIRECTION: NA	

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	Regular	8260B	125 ML SEPTUM AMBER GLASS	Ice	Yes	
1		8270C+8082	250 ML AMBER GLASS	Ice	↓	
2		8290	125 ML GLASS	Ice		
1		AM+GS+U+PU+TH+SR90	1 LITER POLY	None		
1		H3	500 ML POLY	Ice		+ Tc-99
1		METALS-GEL	125 ML POLY	Ice		
1		NMED Explosives list	250 ML AMBER GLASS	Ice		
1		Perchlorate+CN+N03+pH	500 ML POLY	Ice		
1	NA	RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None		No

SAMPLE DESC:

Brown silty soil, slightly moist with some gray ash tuff

SAMPLE COMMENTS:

None

LOCATION DESC:

WP Location 152-49

FIELD SCREENING/MEASUREMENT RESULTS:

PID $\frac{\text{Ambient Reading}}{\text{Reading}} = \text{ppm } \frac{0}{0}$

Alpha = $\frac{0}{0}$ dpm
Beta/Gamma = 73 dpm

COLLECTED BY (PRINT)

Glenda S. Fred

REVIEWED BY (PRINT)

J. Branch

RELINQUISHED BY	Date/Time	RECEIVED BY	Date/Time
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SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3445

EVENT NAME: Delta Prime East - Bldg. 21-152 - SWMU-21-011(b)

(Printed Name) <i>LARRY A LOPEZ</i>	<i>05/06/11</i>	(Printed Name) <i>SHERRY HERWOOD</i>	<i>5/6/11</i>
(Signature) <i>Larry A. Lopez</i>	<i>14:24</i>	(Signature) <i>Sherry Herwood</i>	<i>1424</i>
RELINQUISHED BY	Date/Time	RECEIVED BY	Date/Time
(Printed Name)		(Printed Name)	
(Signature)		(Signature)	

RE21-11-7942

SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3445

EVENT NAME: Delta Prime East - Bldg. 21-152 - SWMU-21-011(b)

SAMPLE ID: RE21-11-7965

WORK ORDER:

	<u>AS PLANNED</u>	<u>AS COLLECTED</u>	<u>AS PLANNED</u>	<u>AS COLLECTED</u>
DATE COLLECTED(MM/DD/YYYY):		4/27/2011	MEDIA: ALLH	QBT3
TIME COLLECTED (HH:MM)		10:56	SUB-MEDIA: SOIL	TUFF
PRS ID: 21-011(b)		OK	SAMPLE TECH CODE: HA	OK
LOCATION ID: 21-614226		OK	FIELD QC TYPE: NA	↓
LOCATION TYPE: GENERIC		OK	FIELD PREP: NA	
TOP DEPTH: 0		5'	SAMPLE USAGE: INV	
BOTTOM DEPTH: 0		6	SCREEN/PORT DESC: NA	
FIELD MATRIX: S		R	EXCAVATED: YES <input checked="" type="radio"/> NO <input type="radio"/> NA	
COMPOSITE TYPE: NA		COMPOSITE TIME INTERVAL: NA		WATER FLOWING: YES <input checked="" type="radio"/> NO <input type="radio"/> NA
BOREHOLE: YES <input checked="" type="radio"/> NO <input type="radio"/> NA		BOREHOLE DECLINATION: NA		BOREHOLE DIRECTION: NA

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	Regular	8260B	125 ML SEPTUM AMBER GLASS	Ice	Yes	
1		8270C	250 ML AMBER GLASS	Ice	↓	
1		AM+GS+U+PU+TH+SR90	1 LITER POLY	None	↓	
1		H3	500 ML POLY	Ice	↓	+ Tc-99
1		METALS-GEL	125 ML POLY	Ice	↓	
1	↓	Perchlorate+CN+N03+pH	500 ML POLY	Ice	↓	
1	NA	RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	NO	

SAMPLE DESC: *Purplish - gray ash tuff, slightly moist*

SAMPLE COMMENTS: *None*

LOCATION DESC: *WP Location 152-45*

FIELD SCREENING/MEASUREMENT RESULTS: $PID \frac{\text{Ambient Reading}}{\text{Reading}} = ppm \frac{0}{0}$ Alpha = 77 dpm Beta/Gamma = 699 dpm

COLLECTED BY (PRINT) Glenda S. Fred REVIEWED BY (PRINT) A. Furma II

RELINQUISHED BY (Printed Name) <u>Jim Orman</u> (Signature) <i>[Signature]</i>	Date/Time <u>4/28/11</u> <u>1010</u>	RECEIVED BY (Printed Name) <u>K. Orman</u> (Signature) <i>[Signature]</i>	Date/Time <u>4/28/11</u> <u>10:10</u>
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SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3445

EVENT NAME: Delta Prime East - Bldg. 21-152 - SWMU-21-011(b)

SAMPLE ID: RE21-11-7968

WORK ORDER:

	AS PLANNED	AS COLLECTED	AS PLANNED	AS COLLECTED
DATE COLLECTED(MM/DD/YYYY):		5/19/2011 5/18/2011	MEDIA: ALLH	OK
TIME COLLECTED (HH:MM)		10:02	SUB-MEDIA: SOIL	OK
PRS ID: 21-011(b)		OK	SAMPLE TECH CODE: HA	OK
LOCATION ID: 21-614228		OK	FIELD QC TYPE: NA	↓
LOCATION TYPE: GENERIC		OK	FIELD PREP: NA	↓
TOP DEPTH: 0		7	SAMPLE USAGE: INV	↓
BOTTOM DEPTH: 0		8	SCREEN/PORT DESC: NA	↓
FIELD MATRIX: S		OK	EXCAVATED: YES/NO/NA	↓
COMPOSITE TYPE: NA			COMPOSITE TIME INTERVAL: NA	WATER FLOWING: YES/NO/NA
BOREHOLE: YES/NO/NA			BOREHOLE DECLINATION: NA	BOREHOLE DIRECTION: NA

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	Regular	8260B	125 ML SEPTUM AMBER GLASS	Ice	Yes	
1	↓	8270C	250 ML AMBER GLASS	Ice	↓	
1	↓	AM+GS+U+PU+TH+SR90	1 LITER POLY	None	↓	
1	↓	H3	500 ML POLY	Ice	↓	+ Tc-99
1	↓	METALS-GEL	125 ML POLY	Ice	↓	
1	↓	Perchlorate+CN+N03+pH	500 ML POLY	Ice	↓	
1	NA	RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	No	

SAMPLE DESC: *Brown silty soil, slightly moist with gray ash tuff*

SAMPLE COMMENTS: *Collected below base course at 7ft bgs ; RE21-11-10073 directly below removed pipe*

LOCATION DESC: *WP Location 152-53*

FIELD SCREENING/MEASUREMENT RESULTS:

$$PID \frac{\text{Ambient Reading}}{\text{Reading}} = \text{ppm} \frac{\circ}{\circ}$$
 Alpha = $\frac{31}{\text{dpm}}$
 Beta/Gamma = $\frac{420}{\text{dpm}}$

COLLECTED BY (PRINT) *Gunda S. Fred* REVIEWED BY (PRINT) *Kim Omen*

RELINQUISHED BY (Printed Name) <i>Lourdes Cordova</i> (Signature) <i>Lourdes Cordova</i>	Date/Time 5/20/11 10:30	RECEIVED BY (Printed Name) <i>Melise M... ..</i> (Signature) <i>Melise M...</i>	Date/Time 5/20/11 10:30
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SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3445

EVENT NAME: Delta Prime East - Bldg. 21-152 - SWMU-21-011(b)

SAMPLE ID: RE21-11-7969

WORK ORDER:

	<u>AS PLANNED</u>	<u>AS COLLECTED</u>	<u>AS PLANNED</u>	<u>AS COLLECTED</u>
DATE COLLECTED(MM/DD/YYYY):		5/19/2011	MEDIA: ALLH	QBT3
TIME COLLECTED (HH:MM)		11:14	SUB-MEDIA: SOIL	TUFF
PRS ID: 21-011(b)		OK	SAMPLE TECH CODE: HA	OK
LOCATION ID: 21-614228		OK	FIELD QC TYPE: NA	↓
LOCATION TYPE: GENERIC		OK	FIELD PREP: NA	
TOP DEPTH: 0		9	SAMPLE USAGE: INV	
BOTTOM DEPTH: 0		10	SCREEN/PORT DESC: NA	
FIELD MATRIX: S		R	EXCAVATED: YES/NO/NA	
COMPOSITE TYPE: NA		COMPOSITE TIME INTERVAL: NA		WATER FLOWING: YES/NO/NA
BOREHOLE: YES/NO/NA		BOREHOLE DECLINATION: NA		BOREHOLE DIRECTION: NA

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	Regular	8260B	125 ML SEPTUM AMBER GLASS	Ice	Yes	
1	↓	8270C	250 ML AMBER GLASS	Ice	↓	
1		AM+GS+U+PU+TH+SR90	1 LITER POLY	None		
1		H3	500 ML POLY	Ice		+ Tc-99
1		METALS-GEL	125 ML POLY	Ice		
1	↓	Perchlorate+CN+N03+pH	500 ML POLY	Ice		
1	NA	RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	No	

SAMPLE DESC: Gray ash tuff, slightly moist

SAMPLE COMMENTS: None

LOCATION DESC: WP Location 152-53

FIELD SCREENING/MEASUREMENT RESULTS:

Alpha = 46 dpm
Beta/Gamma = 560 dpm

PID $\frac{\text{Ambient Reading}}{\text{Reading}} = \text{ppm} \frac{0}{0}$

COLLECTED BY (PRINT) Glenda S. Fred

REVIEWED BY (PRINT) Kim Oman

RELINQUISHED BY	Date/Time	RECEIVED BY	Date/Time
(Printed Name) <u>Loudes Cordova</u>	<u>5/20/11</u>	(Printed Name) <u>Alex M...</u>	<u>5/20/11</u>
(Signature) <u>Loudes Cordova</u>	<u>10:30</u>	(Signature) <u>[Signature]</u>	<u>1:30</u>

SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3445

EVENT NAME: Delta Prime East - Bldg. 21-152 - SWMU-21-011(b)

SAMPLE ID: RE21-11-7970

WORK ORDER:

	<u>AS PLANNED</u>	<u>AS COLLECTED</u>	<u>AS PLANNED</u>	<u>AS COLLECTED</u>
DATE COLLECTED(MM/DD/YYYY):		5/23/2011	MEDIA: ALLH	OK
TIME COLLECTED (HH:MM)		13:21	SUB-MEDIA: SOIL	OK
PRS ID: 21-011(b)		OK	SAMPLE TECH CODE: HA	OK
LOCATION ID: 21-614229		OK	FIELD QC TYPE: NA	↓
LOCATION TYPE: GENERIC		OK	FIELD PREP: NA	↓
TOP DEPTH: 0		7	SAMPLE USAGE: INV	↓
BOTTOM DEPTH: 0		8	SCREEN/PORT DESC: NA	↓
FIELD MATRIX: S		OK	EXCAVATED: YES/NO/NA	↓
COMPOSITE TYPE: NA			COMPOSITE TIME INTERVAL: NA	
			WATER FLOWING: YES/NO/NA	
BOREHOLE: YES/NO/NA			BOREHOLE DECLINATION: NA	
			BOREHOLE DIRECTION: NA	

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	Regular	8260B	125 ML SEPTUM AMBER GLASS	Ice	Yes	
1	↓	8270C	250 ML AMBER GLASS	Ice	↓	
1	↓	AM+GS+U+PU+TH+\$R90	1 LITER POLY	None	↓	
1	↓	H3	500 ML POLY	Ice	↓	+ Tc-99
1	↓	METALS-GEL	125 ML POLY	Ice	↓	
1	↓	Perchlorate+CN+N03+pH	500 ML POLY	Ice	↓	
1	NA	RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	No	

SAMPLE DESC: Brown silty soil, slightly moist with gray tuff fragments

SAMPLE COMMENTS: FTB RE21-11-10074; Collected below base course at 7ft bgs

LOCATION DESC: WP Location 152-54

FIELD SCREENING/MEASUREMENT RESULTS:

PID $\frac{\text{Ambient Reading}}{\text{Reading}} = \text{ppm} \frac{0}{0}$ Alpha = 0 dpm
 Beta/Gamma = 560 dpm

COLLECTED BY (PRINT) Glenda S. Fred REVIEWED BY (PRINT) A. Furmell

RELINQUISHED BY (Printed Name) <u>Kim Oman</u> (Signature) <u>[Signature]</u>	Date/Time <u>5/24/11</u> <u>10:00</u>	RECEIVED BY (Printed Name) <u>Miss. Monty</u> (Signature) <u>[Signature]</u>	Date/Time <u>5/24/11</u> <u>1000</u>
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SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3445

EVENT NAME: Delta Prime East - Bldg. 21-152 - SWMU-21-011(b)

SAMPLE ID: RE21-11-7971

WORK ORDER:

	<u>AS PLANNED</u>	<u>AS COLLECTED</u>	<u>AS PLANNED</u>	<u>AS COLLECTED</u>
DATE COLLECTED(MM/DD/YYYY):		5/23/2011	MEDIA: ALLH	OK
TIME COLLECTED (HH:MM)		15:01	SUB-MEDIA: SOIL	OK
PRS ID: 21-011(b)		OK	SAMPLE TECH CODE: HA	OK
LOCATION ID: 21-614229		OK	FIELD QC TYPE: NA	↓
LOCATION TYPE: GENERIC		OK	FIELD PREP: NA	
TOP DEPTH: 0		9	SAMPLE USAGE: INV	
BOTTOM DEPTH: 0		10	SCREEN/PORT DESC: NA	
FIELD MATRIX: S		OK	EXCAVATED: YES/ <input checked="" type="radio"/> NO/NA	
COMPOSITE TYPE: NA		COMPOSITE TIME INTERVAL: NA	WATER FLOWING: YES/ <input checked="" type="radio"/> NO/NA	
BOREHOLE: YES/ <input checked="" type="radio"/> NO/NA		BOREHOLE DECLINATION: NA	BOREHOLE DIRECTION: NA	

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	Regular	8260B	125 ML SEPTUM AMBER GLASS	Ice	Yes	
1		8270C	250 ML AMBER GLASS	Ice	↓	
1		AM+GS+U+PU+TH+SR90	1 LITER POLY	None	↓	
1		H3	500 ML POLY	Ice	↓	+ Tc-99
1		METALS-GEL	125 ML POLY	Ice	↓	
1		Perchlorate+CN+N03+pH	500 ML POLY	Ice	↓	
1	NA	RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	No	

SAMPLE DESC: gray/brown sandy silt with pebbles, slightly moist

Field Rinse RE21-11-8045

SAMPLE COMMENTS:

None

LOCATION DESC:

WP Location 152-54

FIELD SCREENING/MEASUREMENT RESULTS:

Alpha = 46 dpm
Beta/Gamma = 560 dpm

PID $\frac{\text{Ambient Reading}}{\text{Reading}} = \text{ppm}_0$

COLLECTED BY (PRINT) Glenda S. Fred

REVIEWED BY (PRINT) L. Furmall

RELINQUISHED BY (Printed Name) <u>Karin Gman</u> (Signature) <u>[Signature]</u>	Date/Time <u>5/24/11</u> <u>10:00</u>	RECEIVED BY (Printed Name) <u>[Signature]</u> (Signature) <u>[Signature]</u>	Date/Time <u>5/24/11</u> <u>1000</u>
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SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3445

EVENT NAME: Delta Prime East - Bldg. 21-152 - SWMU-21-011(b)

SAMPLE ID: RE21-11-7972

WORK ORDER:

	<u>AS PLANNED</u>	<u>AS COLLECTED</u>	<u>AS PLANNED</u>	<u>AS COLLECTED</u>
DATE COLLECTED(MM/DD/YYYY):		05/24/2011	MEDIA: ALLH	QBT 3
TIME COLLECTED (HH:MM)		09:40	SUB-MEDIA: SOIL	Tuff
PRS ID: 21-011(b)		OK	SAMPLE TECH CODE: HA	OK
LOCATION ID: 21-614230		OK	FIELD QC TYPE: NA	↓
LOCATION TYPE: GENERIC		OK	FIELD PREP: NA	
TOP DEPTH: 0		7.0	SAMPLE USAGE: INV	
BOTTOM DEPTH: 0		8.0	SCREEN/PORT DESC: N/A	
FIELD MATRIX: S		2	EXCAVATED: YES/NO/NA	
COMPOSITE TYPE: N/A			COMPOSITE TIME INTERVAL: N/A	WATER FLOWING: YES/NO (NA)
BOREHOLE: YES (NO) NA			BOREHOLE DECLINATION: N/A	BOREHOLE DIRECTION: N/A

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	regular	8260B	125 ML SEPTUM AMBER GLASS	Ice	y	
1		8270C	250 ML AMBER GLASS	Ice	y	
1		AM+GS+U+PU+TH+SR90	1 LITER POLY	None	y	
1		H3	500 ML POLY	Ice	y	+ Tc-99
1		METALS-GEL	125 ML POLY	Ice	y	
1	↓	Perchlorate+CN+N03+pH	500 ML POLY	Ice	y	
1		RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	No	

SAMPLE DESC: DARK grey - tuff with some fragments + rock in the mixture loose, no indicator.

~~RE 21-11-39230~~ SA 6-24-11

SAMPLE COMMENTS:

under waste lines connecting Bldg. 21-166 + 21-167.
under piping.

LOCATION DESC:

WP Location 152-52

FIELD SCREENING/MEASUREMENT RESULTS:

Alpha = 46 dpm
Beta/Gamma = 560 dpm

PID $\frac{\text{Ambient Reading}}{0.0} = 0.0$ ppm

COLLECTED BY (PRINT) LARRY A. LOPEZ

REVIEWED BY (PRINT) S. Alanis

RELINQUISHED BY (Printed Name) <u>A. Farnall</u> (Signature) <u>[Signature]</u>	Date/Time <u>5/25/11</u> <u>9:48</u>	RECEIVED BY (Printed Name) <u>STEPHEN DEWEE</u> (Signature) <u>[Signature]</u>	Date/Time <u>5/25/11</u> <u>948</u>
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SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3445

EVENT NAME: Delta Prime East - Bldg. 21-152 - SWMU-21-011(b)

SAMPLE ID: RE21-11-7973

WORK ORDER:

	<u>AS PLANNED</u>	<u>AS COLLECTED</u>	<u>AS PLANNED</u>	<u>AS COLLECTED</u>
DATE COLLECTED(MM/DD/YYYY):		<u>05/24/2011</u>	MEDIA: <u>ALLH</u>	<u>QBT3</u>
TIME COLLECTED (HH:MM)		<u>09:59</u>	SUB-MEDIA: <u>SOIL</u>	<u>Tuff</u>
PRS ID: <u>21-011(b)</u>		<u>OK</u>	SAMPLE TECH CODE: <u>HA</u>	<u>OK</u>
LOCATION ID: <u>21-614230</u>		<u>OK</u>	FIELD QC TYPE: <u>NA</u>	<u>↓</u>
LOCATION TYPE: <u>GENERIC</u>		<u>OK</u>	FIELD PREP: <u>NA</u>	<u>↓</u>
TOP DEPTH: <u>0</u>		<u>9.0</u>	SAMPLE USAGE: <u>INV</u>	<u>↓</u>
BOTTOM DEPTH: <u>0</u>		<u>10</u>	SCREEN/PORT DESC: <u>N/A</u>	
FIELD MATRIX: <u>S</u>		<u>R</u>	EXCAVATED: YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> NA	
COMPOSITE TYPE: <u>N/A</u>		COMPOSITE TIME INTERVAL: <u>N/A</u>	WATER FLOWING: YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	
BOREHOLE: YES <input checked="" type="checkbox"/> NA		BOREHOLE DECLINATION: <u>N/A</u>	BOREHOLE DIRECTION: <u>N/A</u>	

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	<u>regular</u>	8260B	125 ML SEPTUM AMBER GLASS	Ice	<u>Y</u>	
1	<u>J</u>	8270C	250 ML AMBER GLASS	Ice	<u>Y</u>	
1		AM+GS+U+PU+TH+SR90	1 LITER POLY	None	<u>Y</u>	
1		H3	500 ML POLY	Ice	<u>Y</u>	+ Tc-99
1		METALS-GEL	125 ML POLY	Ice	<u>Y</u>	
1	<u>↓</u>	Perchlorate+CN+N03+pH	500 ML POLY	Ice	<u>Y</u>	
1		RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	<u>No</u>	

SAMPLE DESC: Daril grey Tuff with slightly moist, loose with some tuff fragments.

SAMPLE COMMENTS: under waste lines connecting Bld 21-166 + 21-167, under piping.

LOCATION DESC: WP Location 152-52

FIELD SCREENING/MEASUREMENT RESULTS:

Alpha = 46 dpm
Beta/Gamma = 700 dpm

PID Ambient: 0.0
Reading 0.0 ppm

COLLECTED BY (PRINT) LARRY A. LOPEZ REVIEWED BY (PRINT) S. Alanis

RELINQUISHED BY	Date/Time	RECEIVED BY	Date/Time
(Printed Name) <u>A. Fumall</u>	<u>5/25/11</u>	(Printed Name) <u>SHERI SHERWOOD</u>	<u>5/25/11</u>
(Signature) <u>[Signature]</u>	<u>9:48</u>	(Signature) <u>[Signature]</u>	<u>948</u>

SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3445

EVENT NAME: Delta Prime East - Bldg. 21-152 - SWMU-21-011(b)

SAMPLE ID: RE21-11-7979

WORK ORDER:

	AS PLANNED	AS COLLECTED	AS PLANNED	AS COLLECTED
DATE COLLECTED(MM/DD/YYYY):		4/28/2011	MEDIA: ALLH	QBT3
TIME COLLECTED (HH:MM)		10:50	SUB-MEDIA: SOIL	TUFF
PRS ID: 21-011(b)		OK	SAMPLE TECH CODE: HA	OK
LOCATION ID: 21-614233		OK	FIELD QC TYPE: NA	↓
LOCATION TYPE: GENERIC		OK	FIELD PREP: NA	
TOP DEPTH: 0		6	SAMPLE USAGE: INV	
BOTTOM DEPTH: 0		7	SCREEN/PORT DESC: NA	
FIELD MATRIX: S		R	EXCAVATED: YES <input checked="" type="radio"/> NO/NA	
COMPOSITE TYPE: NA		COMPOSITE TIME INTERVAL: NA		WATER FLOWING: YES <input checked="" type="radio"/> NA
BOREHOLE: YES <input checked="" type="radio"/> NO/NA		BOREHOLE DECLINATION: NA		BOREHOLE DIRECTION: NA

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	Regular	8260B	125 ML SEPTUM AMBER GLASS	Ice	Yes	
1	↓	8270C	250 ML AMBER GLASS	Ice	↓	
1		AM+GS+U+PU+TH+SR90	1 LITER POLY	None		
1		H3	500 ML POLY	Ice		+ Tc-99
1		METALS-GEL	125 ML POLY	Ice		
1	↓	Perchlorate+CN+N03+pH	500 ML POLY	Ice		
1	NA	RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	No	

SAMPLE DESC: *Gray ash tuff, slightly moist*

SAMPLE COMMENTS: *None*

LOCATION DESC: *WP Location 152-48*

FIELD SCREENING/MEASUREMENT RESULTS: $PID \frac{\text{Ambient Reading}}{\text{Reading}} = \text{ppm} \frac{0}{0}$ Alpha = 31 dpm
Beta/Gamma = 699 dpm

COLLECTED BY (PRINT) Glenda S. Fred REVIEWED BY (PRINT) A. Fumall

RELINQUISHED BY (Printed Name) <u>Kim Oman</u> (Signature) <u>[Signature]</u>	Date/Time <u>4/29/11</u> <u>1315</u>	RECEIVED BY (Printed Name) <u>K. Green</u> (Signature) <u>[Signature]</u>	Date/Time <u>4/29/11</u> <u>1:15</u>
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SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3445

EVENT NAME: Delta Prime East - Bldg. 21-152 - SWMU-21-011(b)

SAMPLE ID: RE21-11-7981

WORK ORDER:

	<u>AS PLANNED</u>	<u>AS COLLECTED</u>	<u>AS PLANNED</u>	<u>AS COLLECTED</u>
DATE COLLECTED(MM/DD/YYYY):		5/9/2011	MEDIA: ALLH	QBT3
TIME COLLECTED (HH:MM)		9:34	SUB-MEDIA: SOIL	TUFF
PRS ID: 21-011(b)		OK	SAMPLE TECH CODE: HA	OK
LOCATION ID: 21-614234		OK	FIELD QC TYPE: NA	↓
LOCATION TYPE: GENERIC		OK	FIELD PREP: NA	↓
TOP DEPTH: 0		6	SAMPLE USAGE: INV	↓
BOTTOM DEPTH: 0		7	SCREEN/PORT DESC: NA	↓
FIELD MATRIX: S		R	EXCAVATED: YES <input checked="" type="radio"/> NO <input type="radio"/> NA	
COMPOSITE TYPE: NA			COMPOSITE TIME INTERVAL: NA	WATER FLOWING: YES <input checked="" type="radio"/> NO <input type="radio"/> NA
BOREHOLE: YES <input checked="" type="radio"/> NO <input type="radio"/> NA			BOREHOLE DECLINATION: NA	BOREHOLE DIRECTION: NA

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	Regular	8260B	125 ML SEPTUM AMBER GLASS	Ice	Yes	
1		8270C	250 ML AMBER GLASS	Ice	↓	
1		AM+GS+U+PU+TH+SR90	1 LITER POLY	None	↓	
1		H3	500 ML POLY	Ice	↓	+ Tc-99
1		METALS-GEL	125 ML POLY	Ice	↓	
1	↓	Perchlorate+CN+N03+pH	500 ML POLY	Ice	↓	
1	NA	RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	NO	

SAMPLE DESC: Purplish-gray ash tuff, slightly moist

SAMPLE COMMENTS: Collected at 6 ft below base course; FR RE21-11-8044

LOCATION DESC: WP Location 152-50

FIELD SCREENING/MEASUREMENT RESULTS: $PID \frac{\text{Ambient Reading}}{\text{Reading}} = \text{ppm} \frac{0}{0}$ Alpha = 31 dpm Beta/Gamma = 466 dpm

COLLECTED BY (PRINT) Glenda S. Fred REVIEWED BY (PRINT) J. Branch

RELINQUISHED BY	Date/Time	RECEIVED BY	Date/Time
(Printed Name) <u>Lourdes Cordova</u>	<u>5/9/11</u>	(Printed Name) <u>Sherrin Sherwood</u>	<u>5/9/11</u>
(Signature) <u>Lourdes Cordova</u>	<u>1:05</u>	(Signature) <u>Sherrin Sherwood</u>	<u>105</u>

SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3445

EVENT NAME: Delta Prime East - Bldg. 21-152 - SWMU-21-011(b)

SAMPLE ID: RE21-11-7988

WORK ORDER:

	<u>AS PLANNED</u>	<u>AS COLLECTED</u>	<u>AS PLANNED</u>	<u>AS COLLECTED</u>
DATE COLLECTED(MM/DD/YYYY):		5/6/2011	MEDIA: ALLH	QBT3
TIME COLLECTED (HH:MM)		10:58	SUB-MEDIA: SOIL	TUFF
PRS ID: 21-011(b)		OK	SAMPLE TECH CODE: HA	OK
LOCATION ID: 21-614238		OK	FIELD QC TYPE: NA	↓
LOCATION TYPE: <u>GENERIC</u>		OK	FIELD PREP: NA	↓
TOP DEPTH: 0		5	SAMPLE USAGE: INV	↓
BOTTOM DEPTH: 0		6	SCREEN/PORT DESC: NA	
FIELD MATRIX: S		R	EXCAVATED: YES/NO NA	
COMPOSITE TYPE: NA			COMPOSITE TIME INTERVAL: NA	WATER FLOWING: YES/NO NA
BOREHOLE: YES/NO NA			BOREHOLE DECLINATION: NA	BOREHOLE DIRECTION: NA

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	Regular	H3	500 ML POLY	Ice	Yes	+ Tc-99
1		METALS-GEL	125 ML POLY	Ice		
1		Perchlorate+CN+ N03+pH	500 ML POLY	Ice		
1	NA	RADVANA+B+G 5/6/11	1 EA 8 IN RESEALABLE POLY BAG	None	9/5/6/11 NO	
1	NA Regular	AM+GS+U+PU+ TH+SR90	1 LITER POLY	None	9/5/6/11 NA Yes	

SAMPLE DESC:

Purplish-gray ash tuff, slightly moist

SAMPLE COMMENTS:

Collected at 5 ft below base course; FR RE21-11-8043

LOCATION DESC:

WP Location 152-58

FIELD SCREENING/MEASUREMENT RESULTS:

$$PID \frac{\text{Ambient Reading}}{\text{Reading}} = \text{ppm} \frac{0}{0} \quad \text{Alpha} = \underline{14} \text{ dpm} \quad \text{Beta/Gamma} = \underline{73} \text{ dpm}$$

COLLECTED BY (PRINT) Glenda S. Fred REVIEWED BY (PRINT) J. Branch

RELINQUISHED BY (Printed Name) <u>Larry A. Lopez</u> (Signature) <u>Larry A. Lopez</u>	Date/Time <u>05/06/11</u> <u>14:24</u>	RECEIVED BY (Printed Name) <u>STERN, STEPHEN</u> (Signature) <u>Stephen</u>	Date/Time <u>5/6/11</u> <u>1424</u>
RELINQUISHED BY (Printed Name) (Signature)	Date/Time	RECEIVED BY (Printed Name) (Signature)	Date/Time

SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3445

EVENT NAME: Delta Prime East - Bldg. 21-152 - SWMU-21-011(b)

SAMPLE ID: RE21-11-7989

WORK ORDER:

	AS PLANNED	AS COLLECTED	AS PLANNED	AS COLLECTED
DATE COLLECTED(MM/DD/YYYY):		5/6/2011 5/6/2011 5/6/11	MEDIA: ALLH	QBT3
TIME COLLECTED (HH:MM)		11:52 H-159 5/6/11	SUB-MEDIA: SOIL	TUFF
PRS ID: 21-011(b)		OK	SAMPLE TECH CODE: HA	OK
LOCATION ID: 21-614238		OK	FIELD QC TYPE: NA	
LOCATION TYPE: GENERIC		OK	FIELD PREP: NA	
TOP DEPTH: 0		9	SAMPLE USAGE: INV	
BOTTOM DEPTH: 0		10	SCREEN/PORT DESC: NA	↓
FIELD MATRIX: S		R	EXCAVATED: YES/NO NA	
COMPOSITE TYPE: NA			COMPOSITE TIME INTERVAL: N/A	WATER FLOWING: YES/NO NA
BOREHOLE: YES/NO NA			BOREHOLE DECLINATION: NA	BOREHOLE DIRECTION: N/A

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	Regular	H3	500 ML POLY	Ice	Yes	+ Tc-99
1	↓	METALS-GEL	125 ML POLY	Ice	↓	
1	↓	Perchlorate+CN+N03+pH	500 ML POLY	Ice	↓	
1	NA	RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	NO	
1	Regular	AM+GS+U+PU+TH+SR90	1 LITER POLY	None	Yes	

SAMPLE DESC: Purplish-gray ash tuff, slightly moist

SAMPLE COMMENTS: None

LOCATION DESC: WP Location 152-58

FIELD SCREENING/MEASUREMENT RESULTS:

$$PID \frac{\text{Ambient Reading}}{\text{Reading}} = \text{ppm } 0 \quad \text{Alpha} = \frac{21}{36} \text{ dpm} \quad \text{Beta/Gamma} = \frac{36}{36} \text{ dpm}$$

COLLECTED BY (PRINT) Glenda S. Fred REVIEWED BY (PRINT) J. Branch

RELINQUISHED BY (Printed Name) <u>LARRY A. LOPEZ</u>	Date/Time <u>05/06/11</u>	RECEIVED BY (Printed Name) <u>Sheri Sherwood</u>	Date/Time <u>5/6/11</u>
(Signature) <u>Larry A Lopez</u>	<u>14:24</u>	(Signature) <u>Sheri Sherwood</u>	<u>1424</u>
RELINQUISHED BY (Printed Name)	Date/Time	RECEIVED BY (Printed Name)	Date/Time
(Signature)		(Signature)	

SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3445

EVENT NAME: Delta Prime East - Bldg. 21-152 - SWMU-21-011(b)

SAMPLE ID: RE21-11-7990

WORK ORDER:

	AS PLANNED	AS COLLECTED	AS PLANNED	AS COLLECTED
DATE COLLECTED(MM/DD/YYYY):		5/6/2011	MEDIA: ALLH	QBT3
TIME COLLECTED (HH:MM)		12:30	SUB-MEDIA: SOIL	TUFF
PRS ID: 21-011(b)		OK	SAMPLE TECH CODE: HA	OK
LOCATION ID: 21-614238		OK	FIELD QC TYPE: NA	↓
LOCATION TYPE: GENERIC		OK	FIELD PREP: NA	↓
TOP DEPTH: 0		14	SAMPLE USAGE: INV	↓
BOTTOM DEPTH: 0		15	SCREEN/PORT DESC: NA	
FIELD MATRIX: S		R	EXCAVATED: YES (NO) NA	
COMPOSITE TYPE: NA			COMPOSITE TIME INTERVAL: NA	WATER FLOWING: YES (NO) NA
BOREHOLE: YES (NO) NA			BOREHOLE DECLINATION: NA	BOREHOLE DIRECTION: NA

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	Regular	H3	500 ML POLY	Ice	Yes	+ Tc-99
1	↓	METALS-GEL	125 ML POLY	Ice	↓	
1	↓	Perchlorate+CN+N03+pH	500 ML POLY	Ice	↓	
1	NA	RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	NO	
1	Regular	AM+GS+U+PU+TH+SR90	1 LITER POLY	None	Yes	

SAMPLE DESC: Purplish-gray ash tuff, slightly moist

SAMPLE COMMENTS: None

LOCATION DESC: WP Location 152-58

FIELD SCREENING/MEASUREMENT RESULTS:

$$PID \frac{\text{Ambient Reading}}{\text{Reading}} = \text{ppm } \frac{0}{0}$$

$$\text{Alpha} = \underline{7} \text{ dpm}$$

$$\text{Beta/Gamma} = \underline{0} \text{ dpm}$$

COLLECTED BY (PRINT) Glenda S. Fred REVIEWED BY (PRINT) J. Branch

RELINQUISHED BY (Printed Name) <u>Larry A. Grogg</u> (Signature) <u>Larry A. Grogg</u>	Date/Time <u>05/06/11</u> <u>14:24</u>	RECEIVED BY (Printed Name) <u>STEVEN SHERWOOD</u> (Signature) <u>Steven Sherwood</u>	Date/Time <u>5/6/11</u> <u>1424</u>
RELINQUISHED BY (Printed Name) (Signature)	Date/Time	RECEIVED BY (Printed Name) (Signature)	Date/Time

SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3445

EVENT NAME: Delta Prime East - Bldg. 21-152 - SWMU-21-011(b)

SAMPLE ID: RE21-11-7991

WORK ORDER:

	<u>AS PLANNED</u>	<u>AS COLLECTED</u>	<u>AS PLANNED</u>	<u>AS COLLECTED</u>
DATE COLLECTED(MM/DD/YYYY):		5/6/2011	MEDIA: ALLH	OK
TIME COLLECTED (HH:MM)		12:35	SUB-MEDIA: SOIL	
PRS ID: 21-011(b)		OK	SAMPLE TECH CODE: HA	
LOCATION ID: 21-614239		OK	FIELD QC TYPE: NA	
LOCATION TYPE: GENERIC		OK	FIELD PREP: NA	
TOP DEPTH: 0		5	SAMPLE USAGE: INV	↓
BOTTOM DEPTH: 0		6	SCREEN/PORT DESC: NA	
FIELD MATRIX: S		OK	EXCAVATED: YES <input checked="" type="radio"/> NO <input type="radio"/> NA	
COMPOSITE TYPE: NA		COMPOSITE TIME INTERVAL: NA	WATER FLOWING: YES <input checked="" type="radio"/> NO <input type="radio"/> NA	
BOREHOLE: YES <input checked="" type="radio"/> NO <input type="radio"/> NA		BOREHOLE DECLINATION: NA	BOREHOLE DIRECTION: NA	

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	Regular	H3	500 ML POLY	Ice	Yes	+ Tc-99
1	↓	METALS-GEL	125 ML POLY	Ice	↓	
1	↓	Perchlorate+CN+N03+pH	500 ML POLY	Ice	↓	
1	NA	RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	No	
1	Regular	AM+GS+U+PU+TH+SR90	1 LITER POLY	None	Yes	

SAMPLE DESC: *Brown silty soil*

SAMPLE COMMENTS: *Collected at 5 ft below base course*

LOCATION DESC: *WP Location 152-59* *Alpha = 14 dpm*
Beta/Gamma = 31 dpm

FIELD SCREENING/MEASUREMENT RESULTS: *5/6/11* $PID \frac{\text{Ambient Reading}}{\text{Reading}} = ppm \ 0$

COLLECTED BY (PRINT) *Glenda S. Fred* REVIEWED BY (PRINT) *J. Branch*

RELINQUISHED BY (Printed Name) <i>Lorey A. Lopez</i>	Date/Time <i>05/06/11</i>	RECEIVED BY (Printed Name) <i>Sherry Stehwood</i>	Date/Time <i>5/6/11</i>
(Signature) <i>Lorey Lopez</i>	<i>14:24</i>	(Signature) <i>Sherry Stehwood</i>	<i>1424</i>
RELINQUISHED BY (Printed Name)	Date/Time	RECEIVED BY (Printed Name)	Date/Time
(Signature)		(Signature)	

SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3445

EVENT NAME: Delta Prime East - Bldg. 21-152 - SWMU-21-011(b)

SAMPLE ID: RE21-11-7992

WORK ORDER:

	<u>AS PLANNED</u>	<u>AS COLLECTED</u>	<u>AS PLANNED</u>	<u>AS COLLECTED</u>
DATE COLLECTED(MM/DD/YYYY):		5/6/2011	MEDIA: ALLH	QBT3
TIME COLLECTED (HH:MM)		13:07	SUB-MEDIA: SOIL	TUFF
PRS ID:	21-011(b)	OK	SAMPLE TECH CODE: HA	OK
LOCATION ID:	21-614239	OK	FIELD QC TYPE: NA	↓
LOCATION TYPE:	GENERIC	OK	FIELD PREP: NA	↓
TOP DEPTH:	0	9	SAMPLE USAGE: INV	↓
BOTTOM DEPTH:	0	10	SCREEN/PORT DESC: NA	↓
FIELD MATRIX:	S	R	EXCAVATED: YES/NO/NA	↓
COMPOSITE TYPE: NA		COMPOSITE TIME INTERVAL: NA	WATER FLOWING: YES/NO/NA	
BOREHOLE: YES/NO/NA		BOREHOLE DECLINATION: NA	BOREHOLE DIRECTION: NA	

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	Regular	H3	500 ML POLY	Ice	Yes	+ Tc-99
1	↓	METALS-GEL	125 ML POLY	Ice	↓	
1	↓	Perchlorate+CN+N03+pH	500 ML POLY	Ice	↓	
1	NA	RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	No	
1	Regular	AM+GS+U+PU+TH+SR90	1 LITER POLY	None	Yes	

SAMPLE DESC: Gray ash tuff, slightly moist

SAMPLE COMMENTS: None

LOCATION DESC: WP Location 152-59

FIELD SCREENING/MEASUREMENT RESULTS: PID $\frac{\text{Ambient Reading}}{\text{Reading}} = \text{ppm } \frac{0}{0}$ Alpha = $\frac{21}{\text{dpm}}$ Beta/Gamma = $\frac{7.3}{\text{dpm}}$

COLLECTED BY (PRINT) Glenda S. Fred REVIEWED BY (PRINT) J. Branch

RELINQUISHED BY	Date/Time	RECEIVED BY	Date/Time
(Printed Name) <u>Larry A. Grogg</u>	<u>05/06/11</u>	(Printed Name) <u>GERRY STEWART</u>	<u>5/6/11</u>
(Signature) <u>[Signature]</u>	<u>14:24</u>	(Signature) <u>[Signature]</u>	<u>1424</u>
RELINQUISHED BY	Date/Time	RECEIVED BY	Date/Time
(Printed Name)		(Printed Name)	
(Signature)		(Signature)	

SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3445

EVENT NAME: Delta Prime East - Bldg. 21-152 - SWMU-21-011(b)

SAMPLE ID: RE21-11-7993

WORK ORDER:

	<u>AS PLANNED</u>	<u>AS COLLECTED</u>	<u>AS PLANNED</u>	<u>AS COLLECTED</u>
DATE COLLECTED(MM/DD/YYYY):		5/6/2011	MEDIA: ALLH	QBT3
TIME COLLECTED (HH:MM)		13:46	SUB-MEDIA: SOIL	TUFF
PRS ID: 21-011(b)		OK	SAMPLE TECH CODE: HA	OK
LOCATION ID: 21-614239		OK	FIELD QC TYPE: NA	↓
LOCATION TYPE: GENERIC		OK	FIELD PREP: NA	
TOP DEPTH: 0		14	SAMPLE USAGE: INV	
BOTTOM DEPTH: 0		15	SCREEN/PORT DESC: NA	
FIELD MATRIX: S		R	EXCAVATED: YES/NO/NA	
COMPOSITE TYPE: NA		COMPOSITE TIME INTERVAL: NA	WATER FLOWING: YES/NO/NA	
BOREHOLE: YES/NO/NA		BOREHOLE DECLINATION: NA	BOREHOLE DIRECTION: NA	

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	Regular	H3	500 ML POLY	Ice	Yes	+ Tc-99
1	↓	METALS-GEL	125 ML POLY	Ice	↓	
1	↓	Perchlorate+CN+N03+pH	500 ML POLY	Ice	↓	
1	NA	RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	No	
1	Regular	AM+GS+U+PU+TH+SR90	1 LITER POLY	None	Yes	

SAMPLE DESC: Gray ash tuff, slightly moist

SAMPLE COMMENTS: None

LOCATION DESC: WP Location 152-59

FIELD SCREENING/MEASUREMENT RESULTS: PID $\frac{\text{Ambient Reading}}{\text{Reading}} = \text{ppm } \frac{0}{0}$ Alpha = $\frac{0}{0}$ dpm Beta/Gamma = 37 dpm

COLLECTED BY (PRINT) Glenda S. Fred REVIEWED BY (PRINT) J. Branch

RELINQUISHED BY (Printed Name) <u>Larry A. Lopez</u> (Signature) <u>Larry A. Lopez</u>	Date/Time <u>05/06/11</u> <u>14:24</u>	RECEIVED BY (Printed Name) <u>SHERI BERNARD</u> (Signature) <u>Sheri Bernard</u>	Date/Time <u>5/6/11</u> <u>1424</u>
RELINQUISHED BY (Printed Name) (Signature)	Date/Time	RECEIVED BY (Printed Name) (Signature)	Date/Time

SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3445

EVENT NAME: Delta Prime East - Bldg. 21-152 - SWMU-21-011(b)

SAMPLE ID: RE21-11-7994

WORK ORDER:

	<u>AS PLANNED</u>	<u>AS COLLECTED</u>	<u>AS PLANNED</u>	<u>AS COLLECTED</u>
DATE COLLECTED(MM/DD/YYYY):		5/9/2011	MEDIA: ALLH	QBT3
TIME COLLECTED (HH:MM)		11:08	SUB-MEDIA: SOIL	TUFF
PRS ID: 21-011(b)		OK	SAMPLE TECH CODE: HA	OK
LOCATION ID: 21-614240		OK	FIELD QC TYPE: NA	↓
LOCATION TYPE: GENERIC		OK	FIELD PREP: NA	↓
TOP DEPTH: 0		5	SAMPLE USAGE: INV	↓
BOTTOM DEPTH: 0		6	SCREEN/PORT DESC: NA	↓
FIELD MATRIX: S		R	EXCAVATED: YES <input checked="" type="radio"/> NO / NA	
COMPOSITE TYPE: NA		COMPOSITE TIME INTERVAL: NA	WATER FLOWING: YES <input checked="" type="radio"/> NO / NA	
BOREHOLE: YES <input checked="" type="radio"/> NO / NA		BOREHOLE DECLINATION: NA	BOREHOLE DIRECTION: NA	

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	Regular	H3	500 ML POLY	Ice	Yes	+ Tc-99
1	↓	METALS-GEL	125 ML POLY	Ice	↓	
1	↓	Perchlorate+CN+ N03+pH	500 ML POLY	Ice	↓	
1	NA	RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	NO	
1	Regular	AM+GS+U+PU+ TH+SR90	1 LITER POLY	None	Yes	

SAMPLE DESC: Purplish-gray ash tuff, slightly moist

SAMPLE COMMENTS: FTB RE21-11-10071
Collected below base course at 5ft; ~~FTB RE21-11-10071~~ of 5/9/2011

LOCATION DESC: WP Location 152-60
FD RE21-11-8018

FIELD SCREENING/MEASUREMENT RESULTS:

$$PID \frac{\text{Ambient Reading}}{\text{Reading}} = \text{ppm} \frac{0}{0} \quad \text{Alpha} = \underline{31} \text{ dpm} \quad \text{Beta/Gamma} = \underline{699} \text{ dpm}$$

COLLECTED BY (PRINT) Glenda S. Fred REVIEWED BY (PRINT) J. Branch

RELINQUISHED BY (Printed Name) <u>Lourdes Cordwa</u> (Signature) <u>Lourdes Cordwa</u>	Date/Time <u>5/9/11</u> <u>1:05</u>	RECEIVED BY (Printed Name) <u>STEVE SHEARWOOD</u> (Signature) <u>Steve Shearwood</u>	Date/Time <u>5/9/11</u> <u>1:05</u>
RELINQUISHED BY (Printed Name) (Signature)	Date/Time	RECEIVED BY (Printed Name) (Signature)	Date/Time

SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3445

EVENT NAME: Delta Prime East - Bldg. 21-152 - SWMU-21-011(b)

SAMPLE ID: RE21-11-7995

WORK ORDER:

	<u>AS PLANNED</u>	<u>AS COLLECTED</u>	<u>AS PLANNED</u>	<u>AS COLLECTED</u>
DATE COLLECTED(MM/DD/YYYY):		5/10/2011	MEDIA: ALLH	QBT3
TIME COLLECTED (HH:MM)		9:35	SUB-MEDIA: SOIL	TUFF
PRS ID: 21-011(b)		OK	SAMPLE TECH CODE: HA	OK
LOCATION ID: 21-614240		OK	FIELD QC TYPE: NA	↓
LOCATION TYPE: GENERIC		OK	FIELD PREP: NA	↓
TOP DEPTH: 0		9	SAMPLE USAGE: INV	↓
BOTTOM DEPTH: 0		10	SCREEN/PORT DESC: NA	↓
FIELD MATRIX: S		R	EXCAVATED: YES (NO) / NA	
COMPOSITE TYPE: NA			COMPOSITE TIME INTERVAL: NA	WATER FLOWING: YES (NO) / NA
BOREHOLE: YES (NO) / NA			BOREHOLE DECLINATION: NA	BOREHOLE DIRECTION: NA

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	Regular	H3	500 ML POLY	Ice	Yes	+ Tc-99
1	↓	METALS-GEL	125 ML POLY	Ice	↓	
1	↓	Perchlorate+CN+N03+pH	500 ML POLY	Ice	↓	
1	NA	RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	NO	
1	Regular	AM+GS+U+PU+TH+SR90	1 LITER POLY	None	Yes	

SAMPLE DESC: *Gray ash tuff, slightly moist*

SAMPLE COMMENTS: *FTB RE21-11-10072*

LOCATION DESC: *WP Location 152-60*

FIELD SCREENING/MEASUREMENT RESULTS: Alpha = 0 dpm
Beta/Gamma = 466 dpm
 PID $\frac{\text{Ambient Reading}}{\text{Reading}} = \text{ppm} \frac{0}{0}$

COLLECTED BY (PRINT) *Glenda S. Fred* REVIEWED BY (PRINT) *J. Branch*

RELINQUISHED BY (Printed Name) <i>Lourdes Cordova</i> (Signature) <i>Lourdes Cordova</i>	Date/Time <i>5/11/11</i> <i>9:30</i>	RECEIVED BY (Printed Name) <i>M. Lisa...</i> (Signature) <i>[Signature]</i>	Date/Time <i>5/11/11</i> <i>9:30</i>
RELINQUISHED BY (Printed Name) (Signature)	Date/Time	RECEIVED BY (Printed Name) (Signature)	Date/Time

SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3445

EVENT NAME: Delta Prime East - Bldg. 21-152 - SWMU-21-011(b)

SAMPLE ID: RE21-11-7996

WORK ORDER:

	<u>AS PLANNED</u>	<u>AS COLLECTED</u>	<u>AS PLANNED</u>	<u>AS COLLECTED</u>
DATE COLLECTED(MM/DD/YYYY):		5/10/2011	MEDIA: ALLH	QB73
TIME COLLECTED (HH:MM)		9:30 AM 10:22	SUB-MEDIA: SOIL	TUFF
PRS ID: 21-011(b)		OK	SAMPLE TECH CODE: HA	OK
LOCATION ID: 21-614240		OK	FIELD QC TYPE: NA	↓
LOCATION TYPE: GENERIC		OK	FIELD PREP: NA	
TOP DEPTH: 0		14	SAMPLE USAGE: INV	
BOTTOM DEPTH: 0		15	SCREEN/PORT DESC: NA	
FIELD MATRIX: S		R	EXCAVATED: YES/NO/NA	
COMPOSITE TYPE: NA		COMPOSITE TIME INTERVAL: NA	WATER FLOWING: YES/NO/NA	
BOREHOLE: YES/NO/NA		BOREHOLE DECLINATION: NA	BOREHOLE DIRECTION: NA	

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	Regular	H3	500 ML POLY	Ice	Yes	+ Tc-99
1	↓	METALS-GEL	125 ML POLY	Ice	↓	
1	↓	Perchlorate+CN+N03+pH	500 ML POLY	Ice	↓	
1	NA	RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	NO	
1	Regular	AM+GS+U+PU+TH+SR90	1 LITER POLY	None	Yes	

SAMPLE DESC: *Gray ash tuff, slightly moist*

SAMPLE COMMENTS: *None*

LOCATION DESC: *WP Location 152-60*

FIELD SCREENING/MEASUREMENT RESULTS: $PID \frac{\text{Ambient Reading}}{\text{}} = \text{ppm} \frac{0}{\text{}}$ Alpha = 31 dpm Beta/Gamma = 464 dpm

COLLECTED BY (PRINT) Glenda S. Fred REVIEWED BY (PRINT) J. Branch

RELINQUISHED BY (Printed Name) <u>Louides Cordwa</u> (Signature) <u>Louides Cordwa</u>	Date/Time <u>5/11/11</u> <u>9:30</u>	RECEIVED BY (Printed Name) <u>Melissa Martin</u> (Signature) <u>[Signature]</u>	Date/Time <u>5/11/11</u> <u>9:30</u>
RELINQUISHED BY (Printed Name) (Signature)	Date/Time	RECEIVED BY (Printed Name) (Signature)	Date/Time

SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3445

EVENT NAME: Delta Prime East - Bldg. 21-152 - SWMU-21-011(b)

SAMPLE ID: RE21-11-7997

WORK ORDER:

	AS PLANNED	AS COLLECTED	AS PLANNED	AS COLLECTED
DATE COLLECTED(MM/DD/YYYY):		4/26/2011	MEDIA: ALLH	QBT3
TIME COLLECTED (HH:MM)		9/4/2011 13:50	SUB-MEDIA: SOIL	TUFF
PRS ID: 21-011(b)		OK	SAMPLE TECH CODE: HA	OK
LOCATION ID: UNK		21-614222	FIELD QC TYPE: NA	
LOCATION TYPE: GENERIC		OK	FIELD PREP: NA	↓
TOP DEPTH: 0		5	SAMPLE USAGE: INV	↓
BOTTOM DEPTH: 0		6	SCREEN/PORT DESC: NA	
FIELD MATRIX: S		R	EXCAVATED: YES (NO) / NA	
COMPOSITE TYPE: NA			COMPOSITE TIME INTERVAL: NA	WATER FLOWING: YES (NO) / NA
BOREHOLE: YES (NO) / NA			BOREHOLE DECLINATION: NA	BOREHOLE DIRECTION: NA

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	Regular	8260B+TPH-GRO	125 ML GLASS Septum Amber	Ice	Yes	
1		8270C+8082+ TPH-DRO	500 ML GLASS 250 9/4/26/11	Ice	↓	
2		8290	125 ML GLASS	Ice	↓	
1		AM+GS+U+PU+ TH+SR90	1 LITER POLY	None	↓	
2	NA	ASBESTOS	125 ML GLASS	Ice	No	
1		H3	500 ML POLY	Ice	Yes	+ Tc-99
1		METALS-GEL	125 ML POLY	Ice	↓	
1		NMED Explosives list	250 ML AMBER GLASS	Ice	↓	
1		Perchlorate+CN+ N03+pH	500 ML POLY	Ice	↓	
1	NA	RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	No	

SAMPLE DESC: *Gray ash tuff, slightly moist with construction debris*

SAMPLE COMMENTS: *None*

LOCATION DESC: *WP Location 152-42*

FIELD SCREENING/MEASUREMENT RESULTS:

$$PID \frac{\text{Ambient Reading}}{\text{Reading}} = \text{ppm } \frac{0}{0}$$

Alpha = 31 dpm
Beta/Gamma = 466 dpm

COLLECTED BY (PRINT) Glenda S. Fred REVIEWED BY (PRINT) A. Furnall

SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3445

EVENT NAME: Delta Prime East - Bldg. 21-152 - SWMU-21-011(b)

RELINQUISHED BY (Printed Name) Lourdes Cordwa (Signature) Lourdes Cordwa	Date/Time 4/27/11 9:45	RECEIVED BY (Printed Name) <i>Alisa Martin</i> (Signature) <i>Alisa Martin</i>	Date/Time 4/27/11 9:45
RELINQUISHED BY (Printed Name) (Signature)	Date/Time	RECEIVED BY (Printed Name) (Signature)	Date/Time

RE 21-11-7997

SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3407

EVENT NAME: Delta Prime East - Bldg. 21-155 - SWMU 21-011(b)

SAMPLE ID: RE21-11-5781

WORK ORDER:

	<u>AS PLANNED</u>	<u>AS COLLECTED</u>		<u>AS PLANNED</u>	<u>AS COLLECTED</u>
DATE COLLECTED(MM/DD/YYYY):		03/18/2011	MEDIA:	ALLH	OK
TIME COLLECTED (HH:MM)		13:02	SUB-MEDIA:	SOIL	
PRS ID: 21-011(b)		OK	SAMPLE TECH CODE:	HA	
LOCATION ID: 21-613979		↓	FIELD QC TYPE:	NA	
LOCATION TYPE: <u>GENERIC</u>		↓	FIELD PREP:	NA	
TOP DEPTH: 0		5	SAMPLE USAGE:	INV	↓
BOTTOM DEPTH: 0		6	SCREEN/PORT DESC:	NA	
FIELD MATRIX: S		OK	EXCAVATED: YES/ <input checked="" type="radio"/> NO/NA		
COMPOSITE TYPE: <u>NA</u>			COMPOSITE TIME INTERVAL: <u>NA</u>		WATER FLOWING: YES/ <input checked="" type="radio"/> NO/NA
BOREHOLE: YES/ <input checked="" type="radio"/> NO/NA			BOREHOLE DECLINATION: <u>NA</u>		BOREHOLE DIRECTION: <u>NA</u>

#	PRIORITY	ORDER	CNTR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	regular	8260B	125 ML SEPTUM AMBER GLASS	Ice	y	
1	↓	8270C	250 ML AMBER GLASS	Ice	y	
1	↓	AM+GS+U+PU+TH+SR90	1 LITER POLY	None	y	
1	↓	H3	500 ML POLY	Ice	y	Add Tc-99
1	↓	METALS-GEL	125 ML POLY	Ice	y	
1	↓	Perchlorate+CN+N03+pH	500 ML POLY	Ice	y	
1	↓	RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	N	
2	regular	ASBESTOS	125 ML GLASS	Ice	y	

SAMPLE DESC: gray/brown sandy silt with tuff fragments (Qbt3) and some gray ash present, <20% ash, moist, loose

SAMPLE COMMENTS: Sample collected beneath base course 5' bgs

LOCATION DESC: WP location 155-10

FIELD SCREENING/MEASUREMENT RESULTS:

PID Ambient Reading 0.0 ppm

Alpha = 0 dpm
Beta/Gamma = 0 dpm

COLLECTED BY (PRINT) J. Furnal REVIEWED BY (PRINT) J. Branch

RELINQUISHED BY (Printed Name) <u>Lourdes Cordova</u>	Date/Time <u>3/18/11</u>	RECEIVED BY (Printed Name) <u>STERRA STERWOOD</u>	Date/Time <u>3/18/11</u>
<u>Lourdes Cordova</u>	<u>3:27</u>	<u>Sterra Sterwood</u>	<u>327</u>

SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3407

EVENT NAME: Delta Prime East - Bldg. 21-155 - SWMU 21-011(b)

SAMPLE ID: RE21-11-5782

WORK ORDER:

	<u>AS PLANNED</u>	<u>AS COLLECTED</u>		<u>AS PLANNED</u>	<u>AS COLLECTED</u>
DATE COLLECTED(MM/DD/YYYY):		03/18/2011	MEDIA:	ALLH	QBT3
TIME COLLECTED (HH:MM)		13:31	SUB-MEDIA:	SOIL	Tuff
PRS ID:	21-011(b)	OK	SAMPLE TECH CODE:	HA	OK
LOCATION ID:	21-613979	↓	FIELD QC TYPE:	NA	↓
LOCATION TYPE:	GENERIC	↓	FIELD PREP:	NA	↓
TOP DEPTH:	0	7	SAMPLE USAGE:	INV	↓
BOTTOM DEPTH:	0	8	SCREEN/PORT DESC:	NA	
FIELD MATRIX:	S	R	EXCAVATED: YES/NO/NA	NO	
COMPOSITE TYPE:	NA		COMPOSITE TIME INTERVAL:	NA	WATER FLOWING: YES/NO/NA
BOREHOLE: YES/NO/NA	NO		BOREHOLE DECLINATION:	NA	BOREHOLE DIRECTION: NA

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	regular	8260B	125 ML SEPTUM AMBER GLASS	Ice	y	
1	↓	8270C	250 ML AMBER GLASS	Ice	y	
1	↓	AM+GS+U+PU+TH+SR90	1 LITER POLY	None	y	
1	↓	H3	500 ML POLY	Ice	y	Add Tc-99
1	↓	METALS-GEL	250 ML POLY 250 AF 2/18/11	Ice	y	
1	↓	Perchlorate+CN+N03+pH	500 ML POLY	Ice	y	
1	↓	RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	N	
2	regular	ASBESTOS	125 ML GLASS	Ice	y	

SAMPLE DESC: purple/gray ash tuff, non-welded, non-indurated, slightly moist

SAMPLE COMMENTS:

None

LOCATION DESC:

WP location 155-10

FIELD SCREENING/MEASUREMENT RESULTS:

PID $\frac{\text{Ambient Reading } 0.0}{0.0}$ ppm

Alpha = 30 dpm
Beta/Gamma = 466 dpm

COLLECTED BY (PRINT) A. Furmell

REVIEWED BY (PRINT) J. Branch

RELINQUISHED BY	Date/Time	RECEIVED BY	Date/Time
(Printed Name) <u>Lourdes Cordova</u>	<u>3/18/11</u>	(Printed Name) <u>SHERI SHERWOOD</u>	<u>3/18/11</u>
<u>Lourdes Cordova</u>	<u>3:25</u>	<u>Sheri Sherwood</u>	<u>3:25</u>

SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3407

EVENT NAME: Delta Prime East - Bldg. 21-155 - SWMU 21-011(b)

SAMPLE ID: RE21-11-5783

WORK ORDER:

	AS PLANNED	AS COLLECTED		AS PLANNED	AS COLLECTED
DATE COLLECTED(MM/DD/YYYY):		03/22/2011	MEDIA:	ALLH	OK
TIME COLLECTED (HH:MM)		09:55	SUB-MEDIA:	SOIL	↓
PRS ID: 21-011(b)		OK	SAMPLE TECH CODE:	HA	OK
LOCATION ID: 21-613980		↓	FIELD QC TYPE:	NA	↓
LOCATION TYPE: GENERIC		↓	FIELD PREP:	NA	↓
TOP DEPTH: 0		6	SAMPLE USAGE:	INV	↓
BOTTOM DEPTH: 0		7	SCREEN/PORT DESC:	NA	
FIELD MATRIX: S		OK	EXCAVATED: YES (NO) NA		
COMPOSITE TYPE: NA			COMPOSITE TIME INTERVAL: NA		WATER FLOWING: YES (NO) NA
BOREHOLE: YES (NO) NA			BOREHOLE DECLINATION: NA		BOREHOLE DIRECTION: NA

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	regular	8260B	125 ML SEPTUM AMBER GLASS	Ice	y	
1	↓	8270C	250 ML AMBER GLASS	Ice	y	
1	↓	AM+GS+U+PU+TH+SR90	1 LITER POLY	None	y	
1	↓	H3	500 ML POLY	Ice	y	Add Tc-99
1	↓	METALS-GEL	125 ML POLY	Ice	y	
1	↓	Perchlorate+CN+N03+pH	500 ML POLY	Ice	y	
1	↓	RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	N	
2	regular	ASBESTOS	125 ML GLASS	Ice	y	

SAMPLE DESC: brown sandy silt with some ash, cobbles, and pebbles, loose, dry

SAMPLE COMMENTS: FTB - RE21-11-5902
sample collected beneath base course at 6' bgs

LOCATION DESC: WP location 155-12

FIELD SCREENING/MEASUREMENT RESULTS:

PiD $\frac{\text{Ambient Reading}}{\text{Reading}} = \text{ppm } \frac{0}{0}$

Alpha = $\frac{31}{1000}$ dpm
Beta/Gamma = $\frac{466}{1000}$ dpm

COLLECTED BY (PRINT) A. Furnall

REVIEWED BY (PRINT) J. Branch

RELINQUISHED BY (Printed Name) Ali Furnall 	Date/Time 3/23/11 8:33	RECEIVED BY (Printed Name) Melissa Montoya 	Date/Time 3/23/11 8:33
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SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3407

EVENT NAME: Delta Prime East - Bldg. 21-155 - SWMU 21-011(b)

SAMPLE ID: RE21-11-5784

WORK ORDER:

	<u>AS PLANNED</u>	<u>AS COLLECTED</u>	<u>AS PLANNED</u>	<u>AS COLLECTED</u>
DATE COLLECTED(MM/DD/YYYY):		03/22/2011	MEDIA: ALLH	OK
TIME COLLECTED (HH:MM)		09:31	SUB-MEDIA: SOIL	
PRS ID: 21-011(b)		OK	SAMPLE TECH CODE: HA	
LOCATION ID: 21-613980		↓	FIELD QC TYPE: NA	
LOCATION TYPE: GENERIC		↓	FIELD PREP: NA	
TOP DEPTH: 0		8	SAMPLE USAGE: INV	↓
BOTTOM DEPTH: 0		9	SCREEN/PORT DESC: NA	
FIELD MATRIX: S		OK	EXCAVATED: YES (NO) NA	
COMPOSITE TYPE: NA			COMPOSITE TIME INTERVAL: NA	WATER FLOWING: YES (NO) NA
BOREHOLE: YES (NO) NA			BOREHOLE DECLINATION: NA	BOREHOLE DIRECTION: NA

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	regular	8260B	125 ML SEPTUM AMBER GLASS	Ice	y	
1		8270C	250 ML AMBER GLASS	Ice	y	
1		AM+GS+U+PU+TH+SR90	1 LITER POLY	None	y	
1		H3	500 ML POLY	Ice	y	Add Tc-99
1		METALS-GEL	125 ML POLY	Ice	y	
1		Perchlorate+CN+N03+pH	500 ML POLY	Ice	y	
1		RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	N	
2	regular	ASBESTOS	125 ML GLASS	Ice	y	

SAMPLE DESC: brown/gray silt and ash with some cobbles and pebbles, loose, dry AF 3/22/11

SAMPLE COMMENTS: None

LOCATION DESC: WP location 155-12

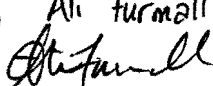
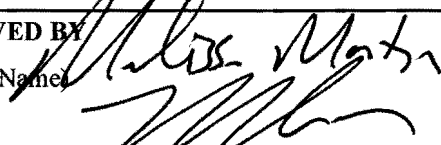
FIELD SCREENING/MEASUREMENT RESULTS:

PID $\frac{\text{Ambient Reading}}{\text{Reading}} = \text{ppm } 0$

Alpha = 0 dpm
Beta/Gamma = 233 dpm

COLLECTED BY (PRINT) A. Furrall

REVIEWED BY (PRINT) J. Branch

RELINQUISHED BY (Printed Name) Ali Furrall 	Date/Time 3/23/11 8:33	RECEIVED BY (Printed Name) 	Date/Time 3/23/11 8:33
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SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3407

EVENT NAME: Delta Prime East - Bldg. 21-155 - SWMU 21-011(b)

SAMPLE ID: RE21-11-5785

WORK ORDER:

	<u>AS PLANNED</u>	<u>AS COLLECTED</u>	<u>AS PLANNED</u>	<u>AS COLLECTED</u>
DATE COLLECTED(MM/DD/YYYY):		03/22/2011	MEDIA: ALLH	OK
TIME COLLECTED (HH:MM)		10:12	SUB-MEDIA: SOIL	↓
PRS ID: 21-011(b)		OK	SAMPLE TECH CODE: HA	↓
LOCATION ID: 21-613981		↓	FIELD QC TYPE: NA	↓
LOCATION TYPE: <u>GENERIC</u>		↓	FIELD PREP: NA	↓
TOP DEPTH: 0		6	SAMPLE USAGE: <u>INV</u>	↓
BOTTOM DEPTH: 0		7	SCREEN/PORT DESC: NA	↓
FIELD MATRIX: S		OK	EXCAVATED: YES <input checked="" type="radio"/> NO <input type="radio"/> NA	
COMPOSITE TYPE: NA			COMPOSITE TIME INTERVAL: NA	
			WATER FLOWING: YES <input checked="" type="radio"/> NO <input type="radio"/> NA	
BOREHOLE: YES <input checked="" type="radio"/> NO <input type="radio"/> NA			BOREHOLE DECLINATION: NA	
			BOREHOLE DIRECTION: NA	

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	regular	8260B	125 ML SEPTUM AMBER GLASS	Ice	y	
1	↓	8270C	250 ML AMBER GLASS	Ice	y	
1	↓	AM+GS+U+PU+TH+SR90	1 LITER POLY	None	y	
1	↓	H3	500 ML POLY	Ice	y	Add Tc-99
1	↓	METALS-GEL	125 ML POLY	Ice	y	
1	↓	Perchlorate+CN+N03+pH	500 ML POLY	Ice	y	
1	↓	RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	N	
2	regular	ASBESTOS	125 ML GLASS	Ice	y	

SAMPLE DESC: brown sandy silt with some ash, pebbles and cobbles, loose, dry

SAMPLE COMMENTS:

sample collected beneath base course at 6' bgs

LOCATION DESC:

WP location 155-14

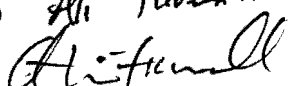
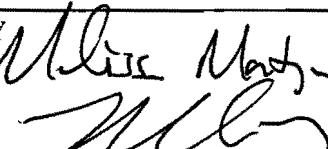
FIELD SCREENING/MEASUREMENT RESULTS:

PID $\frac{\text{Ambient Reading}}{\text{Reading}} = \text{ppm } 0$

Alpha = 31 dpm
Beta/Gamma = 233 dpm

COLLECTED BY (PRINT) A. Furnall

REVIEWED BY (PRINT) J. Branch

RELINQUISHED BY (Printed Name) <u>Ali Furnall</u> 	Date/Time <u>3/23/11</u> <u>8:33</u>	RECEIVED BY (Printed Name) <u>Michelle M...</u> 	Date/Time <u>3/23/11</u> <u>8:33</u>
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SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3407

EVENT NAME: Delta Prime East - Bldg. 21-155 - SWMU 21-011(b)

SAMPLE ID: RE21-11-5786

WORK ORDER:

	<u>AS PLANNED</u>	<u>AS COLLECTED</u>		<u>AS PLANNED</u>	<u>AS COLLECTED</u>
DATE COLLECTED(MM/DD/YYYY):		03/22/2011	MEDIA:	ALLH	Q6t3
TIME COLLECTED (HH:MM)		11:00	SUB-MEDIA:	SOIL	Tuff
PRS ID:	21-011(b)	OK	SAMPLE TECH CODE:	HA	OK
LOCATION ID:	21-613981	↓	FIELD QC TYPE:	NA	↓
LOCATION TYPE:	GENERIC	↓	FIELD PREP:	NA	↓
TOP DEPTH:	0	8	SAMPLE USAGE:	INV	↓
BOTTOM DEPTH:	0	9	SCREEN/PORT DESC:	NA	
FIELD MATRIX:	S	R	EXCAVATED: YES/NO/NA		
COMPOSITE TYPE:	NA		COMPOSITE TIME INTERVAL:	NA	
			WATER FLOWING: YES/NO/NA		
BOREHOLE: YES/NO/NA			BOREHOLE DECLINATION:	NA	
			BOREHOLE DIRECTION:	NA	

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	regular	8260B	125 ML SEPTUM AMBER GLASS	Ice	y	
1	↓	8270C	250 ML AMBER GLASS	Ice	y	
1	↓	AM+GS+U+PU+TH+SR90	1 LITER POLY	None	y	
1	↓	H3	500 ML POLY	Ice	y	Add Tc-99
1	↓	METALS-GEL	125 ML POLY	Ice	y	
1	↓	Perchlorate+CN+N03+pH	500 ML POLY	Ice	y	
1	↓	RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	N	
2	regular	ASBESTOS	125 ML GLASS	Ice	y	

SAMPLE DESC: gray ash tuff with some brown silt and cobbles, loose, dry

SAMPLE COMMENTS:

None

LOCATION DESC:

WP location 155-14

FIELD SCREENING/MEASUREMENT RESULTS:

PID $\frac{\text{Ambient Reading}}{\text{Reading}} = \text{ppm } \frac{0}{0}$

Alpha = $\frac{31}{1000} \text{ dpm}$
Beta/Gamma = $\frac{699}{1000} \text{ dpm}$

COLLECTED BY (PRINT) A. Fumall

REVIEWED BY (PRINT) J. Branch

RELINQUISHED BY (Printed Name) <u>Ali Fumall</u> 	Date/Time <u>3/23/11</u> <u>8:33</u>	RECEIVED BY (Printed Name) <u>Whitney Martin</u> 	Date/Time <u>3/23/11</u> <u>8:37</u>
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SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3407

EVENT NAME: Delta Prime East - Bldg. 21-155 - SWMU 21-011(b)

SAMPLE ID: RE21-11-5787

WORK ORDER:

	<u>AS PLANNED</u>	<u>AS COLLECTED</u>	<u>AS PLANNED</u>	<u>AS COLLECTED</u>
DATE COLLECTED(MM/DD/YYYY):		03/23/2011	MEDIA: ALLH	
TIME COLLECTED (HH:MM)		09:20	SUB-MEDIA: SOIL	OK
PRS ID: 21-011(b)		OK	SAMPLE TECH CODE: HA	
LOCATION ID: 21-613982		↓	FIELD QC TYPE: NA	
LOCATION TYPE: GENERIC		↓	FIELD PREP: NA	
TOP DEPTH: 0		6	SAMPLE USAGE: INV	↓
BOTTOM DEPTH: 0		7	SCREEN/PORT DESC: N/A	
FIELD MATRIX: S		OK	EXCAVATED: YES/ <input checked="" type="radio"/> NA	
COMPOSITE TYPE: N/A			COMPOSITE TIME INTERVAL: N/A	
			WATER FLOWING: YES/ <input checked="" type="radio"/> NA	
BOREHOLE: YES/ <input checked="" type="radio"/> NA			BOREHOLE DECLINATION: N/A	
			BOREHOLE DIRECTION: N/A	

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	Regular	8260B	125 ML SEPTUM AMBER GLASS	Ice	Y	
1		8270C	250 ML AMBER GLASS	Ice	Y	
1		AM+GS+U+PU+TH+SR90	1 LITER POLY	None	Y	
1		H3	500 ML POLY	Ice	Y	Add Tc-99
1		METALS-GEL	125 ML POLY	Ice	Y	
1	↓	Perchlorate+CN+N03+pH	500 ML POLY	Ice	Y	
1		RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	N	
2	Regular	ASBESTOS	125 ML GLASS	Ice	Y	

SAMPLE DESC: Brown, moist, silty soil w/ some tuff fragments
 FTB - RE21-11-5903

SAMPLE COMMENTS: Sample collected beneath asphalt @ 6.0' bgs.

LOCATION DESC: wp location 155-16

FIELD SCREENING/MEASUREMENT RESULTS:

Alpha = 31 dpm
 Beta/Gamma = 699 dpm

PID $\frac{\text{Ambient Reading}}{\text{Reading}} = \text{ppm} \frac{0.0}{0.0}$

COLLECTED BY (PRINT) J. Branch

REVIEWED BY (PRINT) Ali Farnell

RELINQUISHED BY	Date/Time	RECEIVED BY	Date/Time
(Printed Name) Lourdes Cordova	3/24/11	(Printed Name) STEPHEN STANWOOD	3/24/11
<i>Lourdes Cordova</i>	9:45	<i>Stephen Stanwood</i>	9:45

SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3407

EVENT NAME: Delta Prime East - Bldg. 21-155 - SWMU 21-011(b)

SAMPLE ID: RE21-11-5788

WORK ORDER:

	<u>AS PLANNED</u>	<u>AS COLLECTED</u>	<u>AS PLANNED</u>	<u>AS COLLECTED</u>
DATE COLLECTED(MM/DD/YYYY):		03/23/2011	MEDIA: ALLH	OK
TIME COLLECTED (HH:MM)		09:55	SUB-MEDIA: SOIL	↓
PRS ID: 21-011(b)		OK	SAMPLE TECH CODE: HA	↓
LOCATION ID: 21-613982		↓	FIELD QC TYPE: NA	↓
LOCATION TYPE: GENERIC		↓	FIELD PREP: NA	↓
TOP DEPTH: 0		8	SAMPLE USAGE: INV	↓
BOTTOM DEPTH: 0		9	SCREEN/PORT DESC: NA	
FIELD MATRIX: S		OK	EXCAVATED: YES <input checked="" type="radio"/> NO <input type="radio"/> NA	
COMPOSITE TYPE: NA			COMPOSITE TIME INTERVAL: NA	WATER FLOWING: YES <input checked="" type="radio"/> NO <input type="radio"/> NA
BOREHOLE: YES <input checked="" type="radio"/> NO <input type="radio"/> NA			BOREHOLE DECLINATION: NA	BOREHOLE DIRECTION: NA

#	PRIORITY	ORDER	CNTR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	regular	8260B	125 ML SEPTUM AMBER GLASS	Ice	y	
1	↓	8270C	250 ML AMBER GLASS	Ice	y	
1	↓	AM+GS+U+PU+TH+SR90	1 LITER POLY	None	y	
1	↓	H3	500 ML POLY	Ice	y	Add Tc-99
1	↓	METALS-GEL	125 ML POLY	Ice	y	
1	↓	Perchlorate+CN+N03+pH	500 ML POLY	Ice	y	
1	↓	RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	N	
2	regular	ASBESTOS	125 ML GLASS	Ice	y	

SAMPLE DESC: brown sandy silt with pebbles and cobbles, loose, dry

SAMPLE COMMENTS: collected beneath AF 3/23/11 None FD-RE21-11-5891

LOCATION DESC: WP location 155-16

FIELD SCREENING/MEASUREMENT RESULTS:
 PID $\frac{\text{Ambient Reading}}{\text{Reading}} = \text{ppm} \frac{0.0}{0.0}$ Alpha = 15 dpm Beta/Gamma = 466 dpm

COLLECTED BY (PRINT) A. Furnall REVIEWED BY (PRINT) J. Branch

RELINQUISHED BY (Printed Name) <u>Lourdes Cordova</u> <u>Lourdes Cordova</u>	Date/Time <u>3/24/11</u> <u>9:45</u>	RECEIVED BY (Printed Name) <u>J. Branch</u> <u>J. Branch</u>	Date/Time <u>3/24/11</u> <u>9:45</u>
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SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3407

EVENT NAME: Delta Prime East - Bldg. 21-155 - SWMU 21-011(b)

SAMPLE ID: RE21-11-5789

WORK ORDER:

	<u>AS PLANNED</u>	<u>AS COLLECTED</u>	<u>AS PLANNED</u>	<u>AS COLLECTED</u>
DATE COLLECTED(MM/DD/YYYY):		03/23/2011	MEDIA:	ALLH
TIME COLLECTED (HH:MM)		14:25	SUB-MEDIA:	SOIL
PRS ID: 21-011(b)		OK	SAMPLE TECH CODE: HA	OK
LOCATION ID: 21-613983		↓	FIELD QC TYPE: NA	
LOCATION TYPE: GENERIC		↓	FIELD PREP: NA	
TOP DEPTH: 0		6	SAMPLE USAGE: INV	↓
BOTTOM DEPTH: 0		7	SCREEN/PORT DESC: NA	
FIELD MATRIX: S		R	EXCAVATED: YES/NO/NA	NO
COMPOSITE TYPE: NA			COMPOSITE TIME INTERVAL: NA	
			WATER FLOWING: YES/NO/NA	NO
BOREHOLE: YES/NO/NA			BOREHOLE DECLINATION: NA	
			BOREHOLE DIRECTION: NA	

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	regular	8260B	125 ML SEPTUM AMBER GLASS	Ice	yes	
1	↓	8270C	250 ML AMBER GLASS	Ice	↓	
1	↓	AM+GS+U+PU+TH+SR90	1 LITER POLY	None	↓	
1	↓	H3	500 ML POLY	Ice	↓	Add Tc-99
1	↓	METALS-GEL	125 ML POLY	Ice	↓	
1	↓	Perchlorate+CN+N03+pH	500 ML POLY	Ice	↓	
1	↓	RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	No	
2	regular	ASBESTOS	125 ML GLASS	Ice	yes	

SAMPLE DESC: gray, slightly purple ash tuff, loose with moderately welded fragments
dry

SAMPLE COMMENTS: sample collected beneath base course at 6' bgs

LOCATION DESC: WP location 155-20

FIELD SCREENING/MEASUREMENT RESULTS:

$$\text{PID} \frac{\text{Ambient Reading}}{\text{Reading}} = \text{ppm } \frac{0}{0}$$

$$\text{Alpha} = \frac{15}{\text{dpm}}$$

$$\text{Beta/Gamma} = \frac{932}{\text{dpm}}$$

COLLECTED BY (PRINT) A. Furmell REVIEWED BY (PRINT) J. Branch

RELINQUISHED BY	Date/Time	RECEIVED BY	Date/Time
(Printed Name) <u>Louisa Cordova</u>	<u>3/24/11</u>	(Printed Name) <u>Steph Steerwood</u>	<u>3/24/11</u>
<u>Louisa Cordova</u>	<u>9:45</u>	<u>Steph Steerwood</u>	<u>9:45</u>

SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3407

EVENT NAME: Delta Prime East - Bldg. 21-155 - SWMU 21-011(b)

SAMPLE ID: RE21-11-5790

WORK ORDER:

	<u>AS PLANNED</u>	<u>AS COLLECTED</u>		<u>AS PLANNED</u>	<u>AS COLLECTED</u>
DATE COLLECTED(MM/DD/YYYY):		03/23/2011	MEDIA:	ALLH	QBT3
TIME COLLECTED (HH:MM)		15:00	SUB-MEDIA:	SOIL	Tuff
PRS ID: 21-011(b)		OK	SAMPLE TECH CODE:	HA	OK
LOCATION ID: 21-613983		↓	FIELD QC TYPE:	NA	↓
LOCATION TYPE: <u>GENERIC</u>		↓	FIELD PREP:	NA	↓
TOP DEPTH: 0		8	SAMPLE USAGE:	INV	↓
BOTTOM DEPTH: 0		9	SCREEN/PORT DESC:	NA	
FIELD MATRIX: S		R	EXCAVATED: YES <input checked="" type="checkbox"/> NO / NA		
COMPOSITE TYPE: <u>NA</u>			COMPOSITE TIME INTERVAL: <u>NA</u>		WATER FLOWING: YES <input checked="" type="checkbox"/> NO / NA
BOREHOLE: YES <input checked="" type="checkbox"/> NO / NA			BOREHOLE DECLINATION: <u>NA</u>		BOREHOLE DIRECTION: <u>NA</u>

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	regular	8260B	125 ML SEPTUM AMBER GLASS	Ice	yes	
1	↓	8270C	250 ML AMBER GLASS	Ice	↓	
1	↓	AM+GS+U+PU+TH+SR90	1 LITER POLY	None	↓	
1	↓	H3	500 ML POLY	Ice	↓	Add Tc-99
1	↓	METALS-GEL	125 ML POLY	Ice	↓	
1	↓	Perchlorate+CN+N03+pH	500 ML POLY	Ice	↓	
1	↓	RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	No	
2	regular	ASBESTOS	125 ML GLASS	Ice	yes	

SAMPLE DESC: gray/purple ash tuff, loose, dry

SAMPLE COMMENTS:

None

LOCATION DESC:

WP location 155-20

FIELD SCREENING/MEASUREMENT RESULTS:

Alpha = 0 dpm
Beta/Gamma = 932 dpm

PID $\frac{\text{Ambient Reading}}{\text{Reading}} = \text{ppm} \frac{0}{0}$

COLLECTED BY (PRINT) A. Fumoll

REVIEWED BY (PRINT) J. Branch

RELINQUISHED BY	Date/Time	RECEIVED BY	Date/Time
(Printed Name) Lourdes Cordova	3/24/11	(Printed Name) STEPHAN HERWOOD	3/24/11
<i>Lourdes Cordova</i>	9:45	<i>Stephan Herwood</i>	9:45

SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3407

EVENT NAME: Delta Prime East - Bldg. 21-155 - SWMU 21-011(b)

SAMPLE ID: RE21-11-5791

WORK ORDER:

	<u>AS PLANNED</u>	<u>AS COLLECTED</u>		<u>AS PLANNED</u>	<u>AS COLLECTED</u>
DATE COLLECTED(MM/DD/YYYY):		03/24/2011	MEDIA:	ALLH	QBT3
TIME COLLECTED (HH:MM)		09:10	SUB-MEDIA:	SOIL	Tuff
PRS ID:	21-011(b)	OK	SAMPLE TECH CODE:	HA	OK
LOCATION ID:	21-613984	↓	FIELD QC TYPE:	NA	↓
LOCATION TYPE:	GENERIC	↓	FIELD PREP:	NA	↓
TOP DEPTH:	0	6	SAMPLE USAGE:	INV	↓
BOTTOM DEPTH:	0	7	SCREEN/PORT DESC:	NA	
FIELD MATRIX:	S	OK R AF 3/24/11	EXCAVATED: YES/NO/NA	(NO)	
COMPOSITE TYPE:	NA		COMPOSITE TIME INTERVAL:	NA	WATER FLOWING: YES (NO) / NA
BOREHOLE: YES/NO NA	(NO) NA	BOREHOLE DECLINATION:	NA	BOREHOLE DIRECTION:	NA

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	regular	8260B	125 ML SEPTUM AMBER GLASS	Ice	yes	
1	↓	8270C	250 ML AMBER GLASS	Ice	↓	
1	↓	AM+GS+U+PU+TH+SR90	1 LITER POLY	None	↓	
1	↓	H3	500 ML POLY	Ice	↓	Add Tc-99
1	↓	METALS-GEL	125 ML POLY	Ice	↓	
1	↓	Perchlorate+CN+N03+pH	500 ML POLY	Ice	↓	
1	↓	RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	No	
2	regular	ASBESTOS	125 ML GLASS	Ice	yes	

SAMPLE DESC: gray ash tuff with some pebbles, loose with welded fragments, dry

SAMPLE COMMENTS:
collected beneath base course at 6' bgs

FTB - RE21-11-5904

LOCATION DESC:
WP location 155-21

FIELD SCREENING/MEASUREMENT RESULTS:

PID $\frac{\text{Ambient Reading}}{\text{Reading}} = \text{ppm} \frac{0}{0}$

Alpha = $\frac{0}{0}$ dpm
Beta/Gamma = $\frac{932}{932}$ dpm

COLLECTED BY (PRINT) A. Fucmoll

REVIEWED BY (PRINT) J. Branch

RELINQUISHED BY
(Printed Name) Lourdes Cordova
Lourdes Cordova
Date/Time 3/25/11 10:30

RECEIVED BY
(Printed Name) Sheri Sherwood
Sheri Sherwood
Date/Time 3/25/11 1030

SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3407

EVENT NAME: Delta Prime East - Bldg. 21-155 - SWMU 21-011(b)

SAMPLE ID: RE21-11-5792

WORK ORDER:

	<u>AS PLANNED</u>	<u>AS COLLECTED</u>		<u>AS PLANNED</u>	<u>AS COLLECTED</u>
DATE COLLECTED(MM/DD/YYYY):		03/24/2011	MEDIA:	ALLH	GBT3
TIME COLLECTED (HH:MM)		09:53	SUB-MEDIA:	SOIL	Tuff
PRS ID: 21-011(b)		OK	SAMPLE TECH CODE:	HA	OK
LOCATION ID: 21-613984		↓	FIELD QC TYPE:	NA	↓
LOCATION TYPE: <u>GENERIC</u>		↓	FIELD PREP:	NA	↓
TOP DEPTH: 0		8	SAMPLE USAGE:	INV	↓
BOTTOM DEPTH: 0		9	SCREEN/PORT DESC:	NA	
FIELD MATRIX: S		R	EXCAVATED: YES/NO	NA	
COMPOSITE TYPE: <u>NA</u>			COMPOSITE TIME INTERVAL: <u>NA</u>		WATER FLOWING: YES/NO <u>NA</u>
BOREHOLE: YES/NO <u>NO</u>			BOREHOLE DECLINATION: <u>NA</u>		BOREHOLE DIRECTION: <u>NA</u>

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	regular	8260B	125 ML SEPTUM AMBER GLASS	Ice	yes	
1	↓	8270C	250 ML AMBER GLASS	Ice	↓	
1	↓	AM+GS+U+PU+TH+SR90	1 LITER POLY	None	↓	
1	↓	H3	500 ML POLY	Ice	↓	Add Tc-99
1	↓	METALS-GEL	125 ML POLY	Ice	↓	
1	↓	Perchlorate+CN+N03+pH	500 ML POLY	Ice	↓	
1	↓	RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	No	
2	regular	ASBESTOS	125 ML GLASS	Ice	yes	

SAMPLE DESC: gray / slightly purple ash tuff, loose, dry

SAMPLE COMMENTS: FR-RE21-11-5912

LOCATION DESC: WP location 155-21

FIELD SCREENING/MEASUREMENT RESULTS:

$PID \frac{\text{Ambient Reading}}{\text{Reading}} = \text{ppm } 0$
Alpha = $\frac{92}{\text{dpm}}$
Beta/Gamma = $\frac{932}{\text{dpm}}$

COLLECTED BY (PRINT) A. Fumall REVIEWED BY (PRINT) J. Branch

RELINQUISHED BY (Printed Name) <u>Lourdes Cordova</u> <u>Lourdes Cordova</u>	Date/Time <u>3/25/11</u> <u>10:30</u>	RECEIVED BY (Printed Name) <u>Sherrin Sherwood</u> <u>Sherrin Sherwood</u>	Date/Time <u>3/25/11</u> <u>1030</u>
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SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3407

EVENT NAME: Delta Prime East - Bldg. 21-155 - SWMU 21-011(b)

SAMPLE ID: RE21-11-5793

WORK ORDER:

	AS PLANNED	AS COLLECTED	AS PLANNED	AS COLLECTED
DATE COLLECTED(MM/DD/YYYY):		03/24/2011	MEDIA: ALLH	QBT3
TIME COLLECTED (HH:MM)		16:18	SUB-MEDIA: SOIL	Tuff
PRS ID: 21-011(b)		OK	SAMPLE TECH CODE: HA	OK
LOCATION ID: 21-613985		↓	FIELD QC TYPE: NA	↓
LOCATION TYPE: GENERIC		↓	FIELD PREP: NA	↓
TOP DEPTH: 0		6	SAMPLE USAGE: INV	↓
BOTTOM DEPTH: 0		7	SCREEN/PORT DESC: NA	
FIELD MATRIX: S		R	EXCAVATED: YES (NO) / NA	
COMPOSITE TYPE: NA			COMPOSITE TIME INTERVAL: NA	WATER FLOWING: YES (NO) NA
BOREHOLE: YES (NO) NA			BOREHOLE DECLINATION: NA	BOREHOLE DIRECTION: NA

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	regular	8260B	125 ML SEPTUM AMBER GLASS	Ice	yes	
1	↓	8270C	250 ML AMBER GLASS	Ice	↓	
1	↓	AM+GS+U+PU+TH+SR90	1 LITER POLY	None	↓	
1	↓	H3	500 ML POLY	Ice	↓	Add Tc-99
1	↓	METALS-GEL	125 ML POLY	Ice	↓	
1	↓	Perchlorate+CN+N03+pH	500 ML POLY	Ice	↓	
1	↓	RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	No	
2	regular	ASBESTOS	125 ML GLASS	Ice	yes	

SAMPLE DESC: pink/gray ash tuff, loose, dry

SAMPLE COMMENTS: collected beneath base course at 6' bgs

LOCATION DESC: WP location 155-22

FIELD SCREENING/MEASUREMENT RESULTS:
 PID $\frac{\text{Ambient Reading}}{\text{Reading}} = \text{ppm } \frac{0}{0}$ Alpha = 46 dpm
 Beta/Gamma = 932 dpm

COLLECTED BY (PRINT) A. Furrall REVIEWED BY (PRINT) J. Branch

RELINQUISHED BY (Printed Name) <u>Loudes Cordwa</u>	Date/Time <u>3/25/11</u> <u>10:30</u>	RECEIVED BY (Printed Name) <u>STEPH SHERWOOD</u>	Date/Time <u>3/25/11</u> <u>1030</u>
<i>Loudes Cordwa</i>		<i>Steph Sherwood</i>	

SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3407

EVENT NAME: Delta Prime East - Bldg. 21-155 - SWMU 21-011(b)

SAMPLE ID: RE21-11-5794

WORK ORDER:

	<u>AS PLANNED</u>	<u>AS COLLECTED</u>		<u>AS PLANNED</u>	<u>AS COLLECTED</u>
DATE COLLECTED(MM/DD/YYYY):		03/24/2011	MEDIA:	ALLH	GBT3
TIME COLLECTED (HH:MM)		11:52	SUB-MEDIA:	SOIL	Tuff
PRS ID: 21-011(b)		OK	SAMPLE TECH CODE:	HA	OK
LOCATION ID: 21-613985		↓	FIELD QC TYPE:	NA	↓
LOCATION TYPE: <u>GENERIC</u>		↓	FIELD PREP:	NA	↓
TOP DEPTH: 0		8	SAMPLE USAGE:	INV	↓
BOTTOM DEPTH: 0		9	SCREEN/PORT DESC:	NA	
FIELD MATRIX: S		R	EXCAVATED: YES <input checked="" type="radio"/> NO / NA		
COMPOSITE TYPE: <u>NA</u>			COMPOSITE TIME INTERVAL: <u>NA</u>		WATER FLOWING: YES <input checked="" type="radio"/> NO / NA
BOREHOLE: YES <input checked="" type="radio"/> NO / NA			BOREHOLE DECLINATION: <u>NA</u>		BOREHOLE DIRECTION: <u>NA</u>

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	regular	8260B	125 ML SEPTUM AMBER GLASS	Ice	yes	
1	↓	8270C	250 ML AMBER GLASS	Ice	↓	
1	↓	AM+GS+U+PU+TH+SR90	1 LITER POLY	None	↓	
1	↓	H3	500 ML POLY	Ice	↓	Add Tc-99
1	↓	METALS-GEL	125 ML POLY	Ice	↓	
1	↓	Perchlorate+CN+N03+pH	500 ML POLY	Ice	↓	
1	↓	RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	No	
2	regular	ASBESTOS	125 ML GLASS	Ice	yes	

SAMPLE DESC: pinkish gray ash tuff, loose, dry, a few welded fragments

SAMPLE COMMENTS:

None

LOCATION DESC:

WP location 155-22

FIELD SCREENING/MEASUREMENT RESULTS:

$$PID \frac{\text{Ambient Reading}}{\text{Reading}} = \text{ppm} \frac{0}{0}$$

$$\begin{aligned} \text{Alpha} &= \frac{15}{932} \text{ dpm} \\ \text{Beta/Gamma} &= \frac{932}{932} \text{ dpm} \end{aligned}$$

COLLECTED BY (PRINT) A. Furmell

REVIEWED BY (PRINT) J. Branch

RELINQUISHED BY	Date/Time	RECEIVED BY	Date/Time
(Printed Name) Lourdes Cordova	3/25/11	(Printed Name) STEPHI STERWOOD	3/25/11
<i>Lourdes Cordova</i>	10:50	<i>Stephi Sterwood</i>	1030

SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3407

EVENT NAME: Delta Prime East - Bldg. 21-155 - SWMU 21-011(b)

SAMPLE ID: RE21-11-5795

WORK ORDER:

	<u>AS PLANNED</u>	<u>AS COLLECTED</u>		<u>AS PLANNED</u>	<u>AS COLLECTED</u>
DATE COLLECTED(MM/DD/YYYY):		03/24/2011	MEDIA:	ALLH	OK
TIME COLLECTED (HH:MM)		14:05	SUB-MEDIA:	SOIL	↓
PRS ID: 21-011(b)		OK	SAMPLE TECH CODE:	HA	↓
LOCATION ID: 21-613986		↓	FIELD QC TYPE:	NA	↓
LOCATION TYPE: <u>GENERIC</u>		↓	FIELD PREP:	NA	↓
TOP DEPTH: 0		6	SAMPLE USAGE:	INV	↓
BOTTOM DEPTH: 0		7	SCREEN/PORT DESC:	NA	↓
FIELD MATRIX: S		OK	EXCAVATED: YES/NO/NA	NO	↓
COMPOSITE TYPE: <u>NA</u>			COMPOSITE TIME INTERVAL: <u>NA</u>		
BOREHOLE: YES/NO/NA			BOREHOLE DECLINATION: <u>NA</u>		
			BOREHOLE DIRECTION: <u>NA</u>		

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	regular	8260B	125 ML SEPTUM AMBER GLASS	Ice	yes	
1	↓	8270C	250 ML AMBER GLASS	Ice	↓	
1	↓	AM+GS+U+PU+TH+SR90	1 LITER POLY	None	↓	
1	↓	H3	500 ML POLY	Ice	↓	Add Tc-99
1	↓	METALS-GEL	125 ML POLY	Ice	↓	
1	↓	Perchlorate+CN+N03+pH	500 ML POLY	Ice	↓	
1	↓	RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	No	
2	regular	ASBESTOS	125 ML GLASS	Ice	yes	

SAMPLE DESC: brown sandy silt with pebbles and cobbles, loose, very slightly moist
 some very small pieces of debris

SAMPLE COMMENTS:
 collected beneath base course at 6' bgs

LOCATION DESC:
 WP location 155-23

FIELD SCREENING/MEASUREMENT RESULTS:

$$PID \frac{\text{Ambient Reading}}{\text{Reading}} = \text{ppm} \frac{0}{0}$$

$$\text{Alpha} = \frac{31}{1} \text{ dpm}$$

$$\text{Beta/Gamma} = \frac{466}{1} \text{ dpm}$$

COLLECTED BY (PRINT) A. Furrnell

REVIEWED BY (PRINT) J. Branch

RELINQUISHED BY (Printed Name) Lourdes Cordova 	Date/Time 3/25/11 10:30	RECEIVED BY (Printed Name) <u>STEPH STEPHENSON</u> 	Date/Time 3/25/11 1030
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SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3407

EVENT NAME: Delta Prime East - Bldg. 21-155 - SWMU 21-011(b)

SAMPLE ID: RE21-11-5796

WORK ORDER:

	<u>AS PLANNED</u>	<u>AS COLLECTED</u>	<u>AS PLANNED</u>	<u>AS COLLECTED</u>
DATE COLLECTED(MM/DD/YYYY):		03/24/2011	MEDIA: ALLH	QBT3
TIME COLLECTED (HH:MM)		14:52	SUB-MEDIA: SOIL	Tuff
PRS ID: 21-011(b)		OK	SAMPLE TECH CODE: HA	OK
LOCATION ID: 21-613986		↓	FIELD QC TYPE: NA	↓
LOCATION TYPE: GENERIC		↓	FIELD PREP: NA	↓
TOP DEPTH: 0		8	SAMPLE USAGE: INV	↓
BOTTOM DEPTH: 0		9	SCREEN/PORT DESC: NA	
FIELD MATRIX: S		R	EXCAVATED: YES <input checked="" type="checkbox"/> NO / NA	
COMPOSITE TYPE: NA			COMPOSITE TIME INTERVAL: NA	WATER FLOWING: YES <input checked="" type="checkbox"/> NO NA
BOREHOLE: YES <input checked="" type="checkbox"/> NO / NA			BOREHOLE DECLINATION: NA	BOREHOLE DIRECTION: NA

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	regular	8260B	125 ML SEPTUM AMBER GLASS	Ice	yes	
1	↓	8270C	250 ML AMBER GLASS	Ice	↓	
1		AM+GS+U+PU+TH+SR90	1 LITER POLY	None		
1		H3	500 ML POLY	Ice		Add Tc-99
1		METALS-GEL	125 ML POLY	Ice		
1	↓	Perchlorate+CN+N03+pH	500 ML POLY	Ice	↓	
1		RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	No	
2	regular	ASBESTOS	125 ML GLASS	Ice	yes	

SAMPLE DESC: gray ash tuff, loose with a few welded fragments, dry

SAMPLE COMMENTS:

None

LOCATION DESC:

WP location 155-23

FIELD SCREENING/MEASUREMENT RESULTS:

PID $\frac{\text{Ambient Reading}}{\text{Reading}} = \text{ppm } \frac{0}{0}$

Alpha = $\frac{31}{0}$ dpm
Beta/Gamma = 699 dpm

COLLECTED BY (PRINT) A. Fumall

REVIEWED BY (PRINT) J. Branch

RELINQUISHED BY (Printed Name) <u>Lourdes Cordova</u> <u>Lourdes Cordova</u>	Date/Time <u>3/25/11</u> <u>10:30</u>	RECEIVED BY (Printed Name) <u>STEPH SHEPWOOD</u> <u>Steph Shepwood</u>	Date/Time <u>3/25/11</u> <u>1030</u>
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SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3407

EVENT NAME: Delta Prime East - Bldg. 21-155 - SWMU 21-011(b)

SAMPLE ID: RE21-11-5797

WORK ORDER:

	AS PLANNED	AS COLLECTED		AS PLANNED	AS COLLECTED
DATE COLLECTED(MM/DD/YYYY):		03/24/2011 <small>25 3/25/11</small>	MEDIA:	ALLH	OK
TIME COLLECTED (HH:MM)		09:51	SUB-MEDIA:	SOIL	↓
PRS ID:	21-011(b)	OK	SAMPLE TECH CODE:	HA	↓
LOCATION ID:	21-613987	↓	FIELD QC TYPE:	NA	↓
LOCATION TYPE:	GENERIC	↓	FIELD PREP:	NA	↓
TOP DEPTH:	0	6	SAMPLE USAGE:	INV	↓
BOTTOM DEPTH:	0	7	SCREEN/PORT DESC:	NA	
FIELD MATRIX:	S	OK	EXCAVATED: YES (NO) NA		
COMPOSITE TYPE:	NA		COMPOSITE TIME INTERVAL:	NA	WATER FLOWING: YES (NO) NA
BOREHOLE: YES (NO) NA			BOREHOLE DECLINATION:	NA	BOREHOLE DIRECTION: NA

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	regular	8260B	125 ML SEPTUM AMBER GLASS	Ice	yes	
1	↓	8270C	250 ML AMBER GLASS	Ice	↓	
1	↓	AM+GS+U+PU+TH+SR90	1 LITER POLY	None	↓	
1	↓	H3	500 ML POLY	Ice	↓	Add Tc-99
1	↓	METALS-GEL	125 ML POLY	Ice	↓	
1	↓	Perchlorate+CN+N03+pH	500 ML POLY	Ice	↓	
1	↓	RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	No	
2	regular	ASBESTOS	125 ML GLASS	Ice	yes	

SAMPLE DESC: brown/gray sandy silt with some gray ash (Qb3), pebbles, and cobbles, dry

hit tuff at approx 6-75' bgs

SAMPLE COMMENTS:

collected beneath base course at 6' bgs FD-RE21-5892

LOCATION DESC:

wp location 155-24

FIELD SCREENING/MEASUREMENT RESULTS:

$$PID \frac{\text{Ambient Reading}}{\text{Reading}} = \text{ppm } \frac{0}{0}$$

$$\begin{aligned} \text{Alpha} &= \underline{62} \text{ dpm} \\ \text{Beta/Gamma} &= \underline{466} \text{ dpm} \end{aligned}$$

COLLECTED BY (PRINT) Ali Furmall

REVIEWED BY (PRINT) J. Brunch

RELINQUISHED BY (Printed Name) <u>Ali Furmall</u> 	Date/Time <u>3/28/11</u> <u>10:15</u>	RECEIVED BY (Printed Name) <u>Sheila Newwood</u> 	Date/Time <u>3/28/11</u> <u>1015</u>
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SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3407

EVENT NAME: Delta Prime East - Bldg. 21-155 - SWMU 21-011(b)

SAMPLE ID: RE21-11-5798

WORK ORDER:

	<u>AS PLANNED</u>	<u>AS COLLECTED</u>		<u>AS PLANNED</u>	<u>AS COLLECTED</u>
DATE COLLECTED(MM/DD/YYYY):		03/25/2011	MEDIA:	ALLH	Q/BT3
TIME COLLECTED (HH:MM)		10:32	SUB-MEDIA:	SOIL	Tuff
PRS ID: 21-011(b)		OK	SAMPLE TECH CODE:	HA	OK
LOCATION ID: 21-613987		↓	FIELD QC TYPE:	NA	↓
LOCATION TYPE: <u>GENERIC</u>		↓	FIELD PREP:	NA	↓
TOP DEPTH: 0		8	SAMPLE USAGE:	INV	↓
BOTTOM DEPTH: 0		9	SCREEN/PORT DESC:	NA	
FIELD MATRIX: S		R	EXCAVATED: YES/NO/NA	NA	
COMPOSITE TYPE: NA			COMPOSITE TIME INTERVAL: NA		WATER FLOWING: YES/NO/NA
BOREHOLE: YES/NO/NA			BOREHOLE DECLINATION: NA		BOREHOLE DIRECTION: NA

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	regular	8260B	125 ML SEPTUM AMBER GLASS	Ice	yes	
1	↓	8270C	250 ML AMBER GLASS	Ice	↓	
1	↓	AM+GS+U+PU+TH+SR90	1 LITER POLY	None	↓	
1	↓	H3	500 ML POLY	Ice	↓	Add Tc-99
1	↓	METALS-GEL	125 ML POLY	Ice	↓	
1	↓	Perchlorate+CN+N03+pH	500 ML POLY	Ice	↓	
1		RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	No	
2	regular	ASBESTOS	125 ML GLASS	Ice	yes	

SAMPLE DESC: gray ash tuff with reddish clay zones, loose, with moderately welded fragments, slightly moist

SAMPLE COMMENTS: FTB - RE21-11-5905

LOCATION DESC: WP location 155-24

FIELD SCREENING/MEASUREMENT RESULTS:

Alpha = 0 dpm
Beta/Gamma = 932 dpm

PID $\frac{\text{Ambient Reading}}{\text{Reading}} = \text{ppm } \frac{0}{0}$

COLLECTED BY (PRINT) A. Fumell REVIEWED BY (PRINT) J. Branch

RELINQUISHED BY (Printed Name) <u>Ali Fumell</u> <i>Ali Fumell</i>	Date/Time 3/28/11 10:15	RECEIVED BY (Printed Name) <u>Sherril Sherwood</u> <i>Sherril Sherwood</i>	Date/Time 3/28/11 10:15
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SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3407

EVENT NAME: Delta Prime East - Bldg. 21-155 - SWMU 21-011(b)

SAMPLE ID: RE21-11-5799

WORK ORDER:

	<u>AS PLANNED</u>	<u>AS COLLECTED</u>		<u>AS PLANNED</u>	<u>AS COLLECTED</u>
DATE COLLECTED(MM/DD/YYYY):		03/25/2011	MEDIA:	ALLH	OK
TIME COLLECTED (HH:MM)		11:08	SUB-MEDIA:	SOIL	↓
PRS ID: 21-011(b)		OK	SAMPLE TECH CODE:	HA	↓
LOCATION ID: 21-613988		↓	FIELD QC TYPE:	NA	↓
LOCATION TYPE: <u>GENERIC</u>		↓	FIELD PREP:	NA	↓
TOP DEPTH: 0		6	SAMPLE USAGE:	INV	↓
BOTTOM DEPTH: 0		7	SCREEN/PORT DESC:	NA	
FIELD MATRIX: S		OK	EXCAVATED: YES <input checked="" type="checkbox"/> NO / NA		
COMPOSITE TYPE: <u>NA</u>			COMPOSITE TIME INTERVAL: <u>NA</u>		WATER FLOWING: YES <input checked="" type="checkbox"/> NO / NA
BOREHOLE: YES <input checked="" type="checkbox"/> NO / NA			BOREHOLE DECLINATION: <u>NA</u>		BOREHOLE DIRECTION: <u>NA</u>

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	regular	8260B	125 ML SEPTUM AMBER GLASS	Ice	YES	
1	↓	8270C	250 ML AMBER GLASS	Ice	↓	
1		AM+GS+U+PU+TH+SR90	1 LITER POLY	None	↓	
1		H3	500 ML POLY	Ice	↓	Add Tc-99
1		METALS-GEL	125 ML POLY	Ice	↓	
1	↓	Perchlorate+CN+N03+pH	500 ML POLY	Ice	↓	
1		RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	No	
2	regular	ASBESTOS	125 ML GLASS	Ice	YES	

SAMPLE DESC: brown sandy silt with some clay, pebbles, and cobbles
small clumps, slightly moist

SAMPLE COMMENTS:
collected beneath base course at 6' bgs

LOCATION DESC:
WP location 155-25

FIELD SCREENING/MEASUREMENT RESULTS:

$PID \frac{\text{Ambient Reading}}{\text{Reading}} = ppm \frac{0}{0}$

Alpha = $\frac{0}{0}$ dpm
 Beta/Gamma = 699 dpm

COLLECTED BY (PRINT) A. Furnall REVIEWED BY (PRINT) J. Branch

RELINQUISHED BY (Printed Name) <u>Ali Furnall</u> 	Date/Time <u>3/28/11</u> <u>10:15</u>	RECEIVED BY (Printed Name) <u>Sheri Sherwood</u> 	Date/Time <u>3/28/11</u> <u>1015</u>
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SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3407

EVENT NAME: Delta Prime East - Bldg. 21-155 - SWMU 21-011(b)

SAMPLE ID: RE21-11-5800

WORK ORDER:

	<u>AS PLANNED</u>	<u>AS COLLECTED</u>	<u>AS PLANNED</u>	<u>AS COLLECTED</u>
DATE COLLECTED(MM/DD/YYYY):		03/25/2011	MEDIA: ALLH	QBT3
TIME COLLECTED (HH:MM)		12:00	SUB-MEDIA: SOIL	Tuff
PRS ID: 21-011(b)		OK	SAMPLE TECH CODE: HA	OK
LOCATION ID: 21-613988		↓	FIELD QC TYPE: NA	↓
LOCATION TYPE: <u>GENERIC</u>		↓	FIELD PREP: NA	↓
TOP DEPTH: 0		8	SAMPLE USAGE: <u>INV</u>	↓
BOTTOM DEPTH: 0		9	SCREEN/PORT DESC: NA	
FIELD MATRIX: S		R	EXCAVATED: YES/ <input checked="" type="radio"/> /NA	
COMPOSITE TYPE: NA			COMPOSITE TIME INTERVAL: NA	WATER FLOWING: YES/ <input checked="" type="radio"/> /NA
BOREHOLE: YES/ <input checked="" type="radio"/> /NA			BOREHOLE DECLINATION: NA	BOREHOLE DIRECTION: NA

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	regular	8260B	125 ML SEPTUM AMBER GLASS	Ice	YES	
1		8270C	250 ML AMBER GLASS	Ice	↓	
1		AM+GS+U+PU+TH+SR90	1 LITER POLY	None	↓	
1		H3	500 ML POLY	Ice	↓	ADD TC-99
1		METALS-GEL	125 ML POLY	Ice	↓	
1		Perchlorate+CN+N03+pH	500 ML POLY	Ice	↓	
1		RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	No	
2	regular	ASBESTOS	125 ML GLASS	Ice	YES	

SAMPLE DESC: gray ash tuff, loose with welded fragments, dry

FD - RE21-11-5893

SAMPLE COMMENTS: None

LOCATION DESC: WP location 155-25

FIELD SCREENING/MEASUREMENT RESULTS:

PID $\frac{\text{Ambient Reading}}{\text{Reading}} = \text{ppm } \frac{0}{0}$

Alpha = $\frac{31}{\text{dpm}}$
Beta/Gamma = $\frac{466}{\text{dpm}}$

COLLECTED BY (PRINT) A. Fumell

REVIEWED BY (PRINT) J. Branch

RELINQUISHED BY (Printed Name) <u>Ali Fumell</u> 	Date/Time <u>3/25/11</u> <u>10:15</u>	RECEIVED BY (Printed Name) <u>STERR STERWOOD</u> 	Date/Time <u>3/25/11</u> <u>1015</u>
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SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3407

EVENT NAME: Delta Prime East - Bldg. 21-155 - SWMU 21-011(b)

SAMPLE ID: RE21-11-5815

WORK ORDER:

	AS PLANNED	AS COLLECTED		AS PLANNED	AS COLLECTED
DATE COLLECTED(MM/DD/YYYY):		05/21/2011	MEDIA:	ALLH	OK
TIME COLLECTED (HH:MM)		09:09	SUB-MEDIA:	SOIL	
PRS ID: 21-011(b)		OK	SAMPLE TECH CODE: HA		
LOCATION ID: 21-613996		↓	FIELD QC TYPE: NA		
LOCATION TYPE: GENERIC		↓	FIELD PREP: NA		
TOP DEPTH: 0		5	SAMPLE USAGE: INV		
BOTTOM DEPTH: 0		6	SCREEN/PORT DESC: NA		
FIELD MATRIX: S		OK	EXCAVATED: YES <input checked="" type="radio"/> NO / NA		
COMPOSITE TYPE: NA			COMPOSITE TIME INTERVAL: NA		WATER FLOWING: YES <input checked="" type="radio"/> NO NA
BOREHOLE: YES <input checked="" type="radio"/> NO / NA			BOREHOLE DECLINATION: NA		BOREHOLE DIRECTION: NA

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	regular	8082+8270+NMED-EXP	500 ML AMBER GLASS	Ice	y	
1	↓	8260B	125 ML SEPTUM AMBER GLASS	Ice	y	
2		8290	125 ML GLASS	Ice	y	
1		AM+GS+U+PU+TH+SR90	1 LITER POLY	None	y	
2		ASBESTOS	125 ML GLASS	Ice	y	
1		H3	500 ML POLY	Ice	y	Add Tc-99
1		METALS-GEL	125 ML POLY	Ice	y	
1	↓	Perchlorate+CN+N03+pH	500 ML POLY	Ice	y	
1		RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	N	

SAMPLE DESC: brown sandy silt with some ash and tuff fragments, loose, slightly moist

SAMPLE COMMENTS: FTB - RE21-11-5901
sample collect beneath base course at 5' bgs

LOCATION DESC: WP location 155-11

FIELD SCREENING/MEASUREMENT RESULTS:

Alpha = 0 dpm
Beta/Gamma = 932 dpm

PID $\frac{\text{Ambient Reading}}{0} = 0$ ppm

COLLECTED BY (PRINT) A. Fumoll REVIEWED BY (PRINT) J. Branch

RELINQUISHED BY <u>A. Fumoll</u>	Date/Time 3/21/11 1400	RECEIVED BY <u>K. G. [Signature]</u>	Date/Time 3/21/11 2:00
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SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3407

EVENT NAME: Delta Prime East - Bldg. 21-155 - SWMU 21-011(b)

SAMPLE ID: RE21-11-5816

WORK ORDER:

	<u>AS PLANNED</u>	<u>AS COLLECTED</u>	<u>AS PLANNED</u>	<u>AS COLLECTED</u>
DATE COLLECTED(MM/DD/YYYY):		03/21/2011	MEDIA: ALLH	QBT3
TIME COLLECTED (HH:MM)		09:48	SUB-MEDIA: SOIL	Tuff
PRS ID: 21-011(b)		OK	SAMPLE TECH CODE: HA	OK
LOCATION ID: 21-613996		↓	FIELD QC TYPE: NA	
LOCATION TYPE: GENERIC		↓	FIELD PREP: NA	
TOP DEPTH: 0		7	SAMPLE USAGE: INV	↓
BOTTOM DEPTH: 0		8	SCREEN/PORT DESC: NA	
FIELD MATRIX: S		R	EXCAVATED: YES/NO/NA	
COMPOSITE TYPE: NA		COMPOSITE TIME INTERVAL: NA		WATER FLOWING: YES/NO/NA
BOREHOLE: YES/NO/NA		BOREHOLE DECLINATION: NA		BOREHOLE DIRECTION: NA

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	regular	8082+8270+NMED-EXP	500 ML AMBER GLASS	Ice	y	
1	↓	8260B	125 ML SEPTUM AMBER GLASS	Ice	y	
2	↓	8290	125 ML GLASS	Ice	y	
1	↓	AM+GS+U+PU+TH+SR90	1 LITER POLY	None	y	
2	↓	ASBESTOS	125 ML GLASS	Ice	y	
1	↓	H3	500 ML POLY	Ice	y	Add Tc-99
1	↓	METALS-GEL	125 ML POLY	Ice	y	
1	↓	Perchlorate+CN+N03+pH	500 ML POLY	Ice	y	
1	↓	RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	N	

SAMPLE DESC: light to medium gray ash tuff, non-indurated, with some welded fragments, some reddish γ AF 3/21/11 clay alteration zones

SAMPLE COMMENTS:
FR - RE21-11-5910

LOCATION DESC:
WP location 155-11

FIELD SCREENING/MEASUREMENT RESULTS:

PID $\frac{\text{Ambient Reading}}{0.0} = 0.0$ pp111

Alpha = 15 dpm
Beta/Gamma = 166 dpm

COLLECTED BY (PRINT) A. Fumall REVIEWED BY (PRINT) J. Branch

RELINQUISHED BY <u>A. Fumall</u>	Date/Time 3/21/11 1400	RECEIVED BY <u>K. Grover</u>	Date/Time 3/21/11 2:00
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SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3407

EVENT NAME: Delta Prime East - Bldg. 21-155 - SWMU 21-011(b)

SAMPLE ID: RE21-11-5817

WORK ORDER:

	AS PLANNED	AS COLLECTED		AS PLANNED	AS COLLECTED
DATE COLLECTED(MM/DD/YYYY):		03/21/2011	MEDIA:	ALLH	QBT3
TIME COLLECTED (HH:MM)		10:33	SUB-MEDIA:	SOIL	Tuff
PRS ID: 21-011(b)		OK	SAMPLE TECH CODE:	HA	OK
LOCATION ID: 21-613997		↓	FIELD QC TYPE:	NA	↓
LOCATION TYPE: GENERIC		↓	FIELD PREP:	NA	↓
TOP DEPTH: 0		6	SAMPLE USAGE:	INV	↓
BOTTOM DEPTH: 0		7	SCREEN/PORT DESC:	NA	
FIELD MATRIX: S		R	EXCAVATED: YES/NO/NA	NA	
COMPOSITE TYPE: NA			COMPOSITE TIME INTERVAL: NA		WATER FLOWING: YES/NO/NA
BOREHOLE: YES/NO/NA			BOREHOLE DECLINATION: NA		BOREHOLE DIRECTION: NA

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	regular	8082+8270+NMED-EXP	500 ML AMBER GLASS	Ice	y	
1	↓	8260B	125 ML SEPTUM AMBER GLASS	Ice	y	
2	↓	8290	125 ML GLASS	Ice	y	
1	↓	AM+GS+U+PU+TH+SR90	1 LITER POLY	None	y	
2	↓	ASBESTOS	125 ML GLASS	Ice	y	
1	↓	H3	500 ML POLY	Ice	y	Add Tc-99
1	↓	METALS-GEL	125 ML POLY	Ice	y	
1	↓	Perchlorate+CN+N03+pH	500 ML POLY	Ice	y	
1	↓	RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	N	

SAMPLE DESC: gray ash tuff with some gravel, non-indurated with welded fragments
dry

SAMPLE COMMENTS: FD - RE21-11-5890
sample collected beneath base course at 6' bgs

LOCATION DESC: WP location 155-13

FIELD SCREENING/MEASUREMENT RESULTS:

PID $\frac{\text{Ambient Reading}}{\text{Reading}} = \frac{0.0}{0.0}$ ppm

Alpha = 0 dpm
Beta/Gamma = 932 dpm

COLLECTED BY (PRINT) A. Fumall REVIEWED BY (PRINT) J. Branch

RELINQUISHED BY <u>A. Fumall</u>	Date/Time 3/21/11 14:00	RECEIVED BY <u>[Signature]</u>	Date/Time 3/21/11 2:00
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SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3407

EVENT NAME: Delta Prime East - Bldg. 21-155 - SWMU 21-011(b)

SAMPLE ID: RE21-11-5818

WORK ORDER:

	AS PLANNED	AS COLLECTED		AS PLANNED	AS COLLECTED
DATE COLLECTED(MM/DD/YYYY):		03/21/2011	MEDIA:	ALLH	QBT3
TIME COLLECTED (HH:MM)		11:17	SUB-MEDIA:	SOIL	Tuff
PRS ID: 21-011(b)		OK	SAMPLE TECH CODE:	HA	ok
LOCATION ID: 21-613997		↓	FIELD QC TYPE:	NA	↓
LOCATION TYPE: GENERIC		↓	FIELD PREP:	NA	↓
TOP DEPTH: 0		8	SAMPLE USAGE:	INV	↓
BOTTOM DEPTH: 0		9	SCREEN/PORT DESC:	NA	
FIELD MATRIX: S		R	EXCAVATED: YES/NO/NA	(NO)	
COMPOSITE TYPE: NA			COMPOSITE TIME INTERVAL: NA		WATER FLOWING: YES/NO/NA (NO)
BOREHOLE: YES/NO/NA (NO)			BOREHOLE DECLINATION: NA		BOREHOLE DIRECTION: NA

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	regular	8082+8270+ NMED-EXP	500 ML AMBER GLASS	Ice	y	
1	↓	8260B	125 ML SEPTUM AMBER GLASS	Ice	y	
2		8290	125 ML GLASS	Ice	y	
1		AM+GS+U+PU+ TH+SR90	1 LITER POLY	None	y	
2		ASBESTOS	125 ML GLASS	Ice	y	
1		H3	500 ML POLY	Ice	y	Add Tc-99
1		METALS-GEL	125 ML POLY	Ice	y	
1	↓	Perchlorate+CN+ N03+pH	500 ML POLY	Ice	y	
1		RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	N	

SAMPLE DESC: *dry* gray ash tuff, loose, non-indurated with welded fragments

SAMPLE COMMENTS: *None*

LOCATION DESC: *WP location 155-13*

FIELD SCREENING/MEASUREMENT RESULTS:

PID Ambient 0.0
Reading 0.0

Alpha = 31 dpm
Beta/Gamma = 932 dpm

COLLECTED BY (PRINT) *A. Fumall*

REVIEWED BY (PRINT) *J. Branch*

RELINQUISHED BY <i>Ali Fumall</i>	Date/Time <i>3/21/11 1400</i>	RECEIVED BY <i>L. Branch</i>	Date/Time <i>3/21/11 2100</i>
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SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3407

EVENT NAME: Delta Prime East - Bldg. 21-155 - SWMU 21-011(b)

SAMPLE ID: RE21-11-5819

WORK ORDER:

	<u>AS PLANNED</u>	<u>AS COLLECTED</u>	<u>AS PLANNED</u>	<u>AS COLLECTED</u>
DATE COLLECTED(MM/DD/YYYY):		03/22/2011	MEDIA: ALLH	OK
TIME COLLECTED (HH:MM)		11:50	SUB-MEDIA: SOIL	
PRS ID: 21-011(b)		OK	SAMPLE TECH CODE: HA	
LOCATION ID: 21-613998		↓	FIELD QC TYPE: NA	
LOCATION TYPE: <u>GENERIC</u>		↓	FIELD PREP: NA	
TOP DEPTH: 0		6	SAMPLE USAGE: <u>INV</u>	↓
BOTTOM DEPTH: 0		7	SCREEN/PORT DESC: NA	
FIELD MATRIX: S		OK	EXCAVATED: YES <input checked="" type="radio"/> NO / NA	
COMPOSITE TYPE: NA			COMPOSITE TIME INTERVAL: NA	
			WATER FLOWING: YES <input checked="" type="radio"/> NO / NA	
BOREHOLE: YES <input checked="" type="radio"/> NO / NA			BOREHOLE DECLINATION: NA	
			BOREHOLE DIRECTION: NA	

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	regular	8082+8270+NMED-EXP	500 ML AMBER GLASS	Ice	y	
1		8260B	125 ML SEPTUM AMBER GLASS	Ice	y	
2		8290	125 ML GLASS	Ice	y	
1		AM+GS+U+PU+TH+SR90	1 LITER POLY	None	y	
2		ASBESTOS	125 ML GLASS	Ice	y	
1		H3	500 ML POLY	Ice	y	Add Tc-99
1		METALS-GEL	125 ML POLY	Ice	y	
1		Perchlorate+CN+N03+pH	500 ML POLY	Ice	y	
1		RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	N	

SAMPLE DESC: brown sandy silt with pebbles and cobbles, loose, dry

SAMPLE COMMENTS: collected beneath base course at 6' bgs

LOCATION DESC: WP location 155-15

FIELD SCREENING/MEASUREMENT RESULTS:
 PID $\frac{\text{Ambient Reading}}{\text{Reading}} = \text{ppm } 0$
 Alpha = 62 dpm
 Beta/Gamma = 464 dpm

COLLECTED BY (PRINT) A. Farnall REVIEWED BY (PRINT) J. Branch

RELINQUISHED BY <u>Ali Farnall</u> <u>Ali Farnall</u>	Date/Time 3/23/11 8:32	RECEIVED BY <u>Melissa Monte</u> <u>Melissa Monte</u>	Date/Time 3/23/11 8:50
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SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3407

EVENT NAME: Delta Prime East - Bldg. 21-155 - SWMU 21-011(b)

SAMPLE ID: RE21-11-5820

WORK ORDER:

	AS PLANNED	AS COLLECTED		AS PLANNED	AS COLLECTED
DATE COLLECTED(MM/DD/YYYY):		03/22/2011	MEDIA:	ALLH	QBT3
TIME COLLECTED (HH:MM)		14:04	SUB-MEDIA:	SOIL	Tuff
PRS ID: 21-011(b)		OK	SAMPLE TECH CODE:	HA	OK
LOCATION ID: 21-613998		↓	FIELD QC TYPE:	NA	↓
LOCATION TYPE: GENERIC		↓	FIELD PREP:	NA	↓
TOP DEPTH: 0		8	SAMPLE USAGE:	INV	↓
BOTTOM DEPTH: 0		9	SCREEN/PORT DESC:	NA	
FIELD MATRIX: S		R	EXCAVATED: YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> NA		
COMPOSITE TYPE: NA			COMPOSITE TIME INTERVAL: NA		WATER FLOWING: YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> NA
BOREHOLE: YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> NA			BOREHOLE DECLINATION: NA		BOREHOLE DIRECTION: NA

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	regular	8082+8270+NMED-EXP	500 ML AMBER GLASS	Ice	y	
1	↓	8260B	125 ML SEPTUM AMBER GLASS	Ice	y	
2		8290	125 ML GLASS	Ice	y	
1		AM+GS+U+PU+TH+SR90	1 LITER POLY	None	y	
2		ASBESTOS	125 ML GLASS	Ice	y	
1		H3	500 ML POLY	Ice	y	Add Tc-99
1		METALS-GEL	125 ML POLY	Ice	y	
1	↓	Perchlorate+CN+N03+pH	500 ML POLY	Ice	y	
1		RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	N	

SAMPLE DESC: gray ash tuff with pebbles and cobbles (few, not included in bottles) loose with a few welded fragments, dry

SAMPLE COMMENTS: None FR-RE21-11-5911

LOCATION DESC: WP location 155-15

FIELD SCREENING/MEASUREMENT RESULTS:

PID $\frac{\text{Ambient Reading}}{\text{Reading}} = \text{ppm } \frac{0}{0}$
Alpha = 92 dpm
Beta/Gamma = 466 dpm

COLLECTED BY (PRINT) A. Furrall REVIEWED BY (PRINT) J. Branch

RELINQUISHED BY <u>Ali Furrall</u>	Date/Time 3/23/11 0:33	RECEIVED BY <u>[Signature]</u>	Date/Time 3/23/11 8:35
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SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3407

EVENT NAME: Delta Prime East - Bldg. 21-155 - SWMU 21-011(b)

SAMPLE ID: RE21-11-5821

WORK ORDER:

	<u>AS PLANNED</u>	<u>AS COLLECTED</u>		<u>AS PLANNED</u>	<u>AS COLLECTED</u>
DATE COLLECTED(MM/DD/YYYY):		03/23/2011	MEDIA:	ALLH	OK
TIME COLLECTED (HH:MM)		10:50	SUB-MEDIA:	SOIL	↓
PRS ID:	21-011(b)	OK	SAMPLE TECH CODE:	HA	↓
LOCATION ID:	21-613999	↓	FIELD QC TYPE:	NA	↓
LOCATION TYPE:	GENERIC	↓	FIELD PREP:	NA	↓
TOP DEPTH:	0	6	SAMPLE USAGE:	INV	↓
BOTTOM DEPTH:	0	7	SCREEN/PORT DESC:	NA	
FIELD MATRIX:	S	OK	EXCAVATED: YES <input checked="" type="radio"/> NO <input type="radio"/> NA		
COMPOSITE TYPE:	NA		COMPOSITE TIME INTERVAL:	NA	WATER FLOWING: YES <input checked="" type="radio"/> NO <input type="radio"/> NA
BOREHOLE: YES <input checked="" type="radio"/> NO <input type="radio"/> NA		BOREHOLE DECLINATION:	NA	BOREHOLE DIRECTION:	NA

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	regular	8082+8270+ NMED-EXP	500 ML AMBER GLASS	Ice	YES	
1	↓	8260B	125 ML SEPTUM AMBER GLASS	Ice	↓	
2		8290	125 ML GLASS	Ice		
1		AM+GS+U+PU+ TH+SR90	1 LITER POLY	None		
2		ASBESTOS	125 ML GLASS	Ice		
1		H3	500 ML POLY	Ice		Add Tc-99
1		METALS-GEL	125 ML POLY	Ice		
1	↓	Perchlorate+CN+ N03+pH	500 ML POLY	Ice	↓	
1		RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	N	

SAMPLE DESC: gray/brown sandy silt with ash, pebbles, and cobbles
loose, dry
As 3/23/11

SAMPLE COMMENTS:
collected beneath base course at 6' bgs

LOCATION DESC:
WP location 155-18

FIELD SCREENING/MEASUREMENT RESULTS:
 PID $\frac{\text{Ambient Reading}}{\text{Reading}} = \text{ppm } \frac{0.0}{0.0}$ Alpha = 77 dpm
 Beta/Gamma = 679 dpr

COLLECTED BY (PRINT) K. Fumall REVIEWED BY (PRINT) J. Branch

RELINQUISHED BY <u>Lourdes Cordova</u>	Date/Time <u>3/24/11 9:45</u>	RECEIVED BY <u>Steph Steenwood</u>	Date/Time <u>3/24/11 9:45</u>
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SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3407

EVENT NAME: Delta Prime East - Bldg. 21-155 - SWMU 21-011(b)

SAMPLE ID: RE21-11-5822

WORK ORDER:

	<u>AS PLANNED</u>	<u>AS COLLECTED</u>	<u>AS PLANNED</u>	<u>AS COLLECTED</u>
DATE COLLECTED(MM/DD/YYYY):		03/23/2011	MEDIA: ALLH	QBT3
TIME COLLECTED (HH:MM)		11:21	SUB-MEDIA: SOIL	Tuff
PRS ID: 21-011(b)		OK	SAMPLE TECH CODE: HA	OK
LOCATION ID: 21-613929		↓	FIELD QC TYPE: NA	↓
LOCATION TYPE: <u>GENERIC</u>		↓	FIELD PREP: NA	↓
TOP DEPTH: 0		8	SAMPLE USAGE: INV	↓
BOTTOM DEPTH: 0		9	SCREEN/PORT DESC: NA	
FIELD MATRIX: S		R	EXCAVATED: YES <input checked="" type="radio"/> NO <input type="radio"/> NA	
COMPOSITE TYPE: NA			COMPOSITE TIME INTERVAL: NA	WATER FLOWING: YES <input checked="" type="radio"/> NO <input type="radio"/> NA
BOREHOLE: YES <input checked="" type="radio"/> NO <input type="radio"/> NA			BOREHOLE DECLINATION: NA	BOREHOLE DIRECTION: NA

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	regular	8082+8270+ NMED-EXP	500 ML AMBER GLASS	Ice	YES	
1		8260B	125 ML SEPTUM AMBER GLASS	Ice	↓	
2		8290	125 ML GLASS	Ice		
1		AM+GS+U+PU+ TH+SR90	1 LITER POLY	None		
2		ASBESTOS	125 ML GLASS	Ice		
1		H3	500 ML POLY	Ice		Add Tc-99
1		METALS-GEL	125 ML POLY	Ice		
1		Perchlorate+CN+ N03+pH	500 ML POLY	Ice	↓	
1		RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	No	

SAMPLE DESC: gray ash tuff with some silt, pebbles, and cobbles, loose with welded fragments, dry

SAMPLE COMMENTS: None

LOCATION DESC: WP location 155-18

FIELD SCREENING/MEASUREMENT RESULTS:

PID $\frac{\text{Ambient Reading}}{\text{Reading}} = \text{ppm} \frac{0.0}{0.0}$

Alpha = 0 dpm
Beta/Gamma = 466 dpm

COLLECTED BY (PRINT) A. Furmall

REVIEWED BY (PRINT) J. Branch

RELINQUISHED BY	Date/Time	RECEIVED BY	Date/Time
Lourdes Cordova	3/24/11 9:45	Stephen Sherwood	3/24/11 9:45

SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3407

EVENT NAME: Delta Prime East - Bldg. 21-155 - SWMU 21-011(b)

SAMPLE ID: RE21-11-5823

WORK ORDER:

	AS PLANNED	AS COLLECTED		AS PLANNED	AS COLLECTED
DATE COLLECTED(MM/DD/YYYY):		03/23/2011	MEDIA:	ALLH	OK
TIME COLLECTED (HH:MM)		11:55	SUB-MEDIA:	SOIL	OK
PRS ID:	21-011(b)	OK	SAMPLE TECH CODE:	HA	OK
LOCATION ID:	21-614000	OK	FIELD QC TYPE:	NA	OK
LOCATION TYPE:	GENERIC	OK	FIELD PREP:	NA	OK
TOP DEPTH:	0	6	SAMPLE USAGE:	INV	OK
BOTTOM DEPTH:	0	7	SCREEN/PORT DESC:	N/A	
FIELD MATRIX:	S	OK	EXCAVATED: YES/NO/NA	NO	
COMPOSITE TYPE:	N/A		COMPOSITE TIME INTERVAL:	N/A	
			WATER FLOWING: YES/NO/NA	NO	
BOREHOLE: YES/NO/NA	NO		BOREHOLE DECLINATION:	N/A	
			BOREHOLE DIRECTION:	N/A	

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	Regular	8082+8270+ NMED-EXP	500 ML AMBER GLASS	Ice	Y	
1		8260B	125 ML SEPTUM AMBER GLASS	Ice	Y	
2		8290	125 ML GLASS	Ice	Y	
1		AM+GS+U+PU+ TH+SR90	1 LITER POLY	None	Y	
2		ASBESTOS	125 ML GLASS	Ice	Y	
1		H3	500 ML POLY	Ice	Y	Add Tc-99
1		METALS-GEL	125 ML POLY	Ice	Y	
1	OK	Perchlorate+CN+ N03+pH	500 ML POLY	Ice	Y	
1		RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	N	

SAMPLE DESC: gray/brown sandy silt with some ash, pebbles, and cobbles loose, dry

SAMPLE COMMENTS: Sample collected beneath base course @ 6.0' bgs

LOCATION DESC: WP location 155-19

FIELD SCREENING/MEASUREMENT RESULTS:

PID $\frac{\text{Ambient Reading}}{\text{Reading}} = \text{ppm} \frac{0.0}{0.0}$

Alpha = 0 dpm
Beta/Gamma = 2.53 dpm

COLLECTED BY (PRINT) A. Fernald REVIEWED BY (PRINT) J. Branch

RELINQUISHED BY <u>Lourdes Cordova</u>	Date/Time <u>3/24/11</u> <u>9:45</u>	RECEIVED BY <u>Steph. S. Herwood</u> <u>Steph. S. Herwood</u>	Date/Time <u>3/24/11</u> <u>945</u>
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SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3407

EVENT NAME: Delta Prime East - Bldg. 21-155 - SWMU 21-011(b)

SAMPLE ID: RE21-11-5824

WORK ORDER:

	<u>AS PLANNED</u>	<u>AS COLLECTED</u>	<u>AS PLANNED</u>	<u>AS COLLECTED</u>
DATE COLLECTED(MM/DD/YYYY):		03/23/2011	MEDIA: ALLH	QBT3
TIME COLLECTED (HH:MM)		13:51	SUB-MEDIA: SOIL	Tuff
PRS ID: 21-011(b)		OK	SAMPLE TECH CODE: HA	OK
LOCATION ID: 21-614000		↓	FIELD QC TYPE: NA	↓
LOCATION TYPE: GENERIC		↓	FIELD PREP: NA	↓
TOP DEPTH: 0		8	SAMPLE USAGE: INV	↓
BOTTOM DEPTH: 0		9	SCREEN/PORT DESC: NA	
FIELD MATRIX: S		R	EXCAVATED: YES/NO/NA	
COMPOSITE TYPE: NA			COMPOSITE TIME INTERVAL: NA	
			WATER FLOWING: YES/NO/NA	
BOREHOLE: YES/NO/NA			BOREHOLE DECLINATION: NA	
			BOREHOLE DIRECTION: NA	

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	regular	8082+8270+NMED-EXP	500 ML AMBER GLASS	Ice	YES	
1	↓	8260B	125 ML SEPTUM AMBER GLASS	Ice	↓	
2		8290	125 ML GLASS	Ice	↓	
1		AM+GS+U+PU+TH+SR90	1 LITER POLY	None	↓	
2		ASBESTOS	125 ML GLASS	Ice	↓	
1		H3	500 ML POLY	Ice	↓	Add Tc-99
1		METALS-GEL	125 ML POLY	Ice	↓	
1	↓	Perchlorate+CN+N03+pH	500 ML POLY	Ice	↓	
1		RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	N	

SAMPLE DESC: gray ash tuff, loose with some welded fragments, dry

SAMPLE COMMENTS:

None

LOCATION DESC:

WP location 155-19

FIELD SCREENING/MEASUREMENT RESULTS:

PID $\frac{\text{Ambient Reading}}{\text{Reading}} = \text{ppm} \frac{0.0}{0.0}$

Alpha = 0 dpm
Beta/Gamma = 233 dpm

COLLECTED BY (PRINT) A. Fumoll

REVIEWED BY (PRINT) J. Branch

RELINQUISHED BY	Date/Time	RECEIVED BY	Date/Time
Louise Cordwa	3/24/11	HERNANDEZ	3/24/11
Louise Cordwa	9:45	Sherrin Sherwood	9:45

SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3407

EVENT NAME: Delta Prime East - Bldg. 21-155 - SWMU 21-011(b)

SAMPLE ID: RE21-11-5825

WORK ORDER:

	<u>AS PLANNED</u>	<u>AS COLLECTED</u>		<u>AS PLANNED</u>	<u>AS COLLECTED</u>
DATE COLLECTED(MM/DD/YYYY):		04/12/2011	MEDIA:	ALLH	QBT3
TIME COLLECTED (HH:MM)		11:20	SUB-MEDIA:	SOIL	Tuff
PRS ID: 21-011(b)		OK	SAMPLE TECH CODE: HA		OK
LOCATION ID: 21-614001		↓	FIELD QC TYPE: NA		
LOCATION TYPE: <u>GENERIC</u>		↓	FIELD PREP: NA		
TOP DEPTH: 0		20	SAMPLE USAGE: <u>INV</u>		↓
BOTTOM DEPTH: 0		21	SCREEN/PORT DESC: NA		
FIELD MATRIX: S		R	EXCAVATED: YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> NA		
COMPOSITE TYPE: NA			COMPOSITE TIME INTERVAL: NA		WATER FLOWING: YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> NA
BOREHOLE: YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> NA			BOREHOLE DECLINATION: NA		BOREHOLE DIRECTION: NA

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	regular	8082+8270+NMED-EXP	500 ML AMBER GLASS	Ice	yes	
1	↓	8260B	125 ML SEPTUM AMBER GLASS	Ice	↓	
2		8290	125 ML GLASS	Ice		
1		AM+GS+U+PU+TH+SR90	1 LITER POLY	None		
1		H3	500 ML POLY	Ice		Add Tc-99
1		METALS-GEL	125 ML POLY	Ice		
1	↓	Perchlorate+CN+N03+pH	500 ML POLY	Ice	↓	
1		RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	No	

SAMPLE DESC: light gray ash flow tuff, loose, dry

SAMPLE COMMENTS:
soil / tuff interface at ~8' bgs

LOCATION DESC:
WP location 155-17

FIELD SCREENING/MEASUREMENT RESULTS:
 Alpha = 0 dpm
 Beta/Gamma = 932 dpm
 PID $\frac{\text{Ambient Reading}}{\text{Reading}} = \text{ppm} \frac{0}{0}$

COLLECTED BY (PRINT) A. Fumall REVIEWED BY (PRINT) J. Branch

RELINQUISHED BY (Printed Name) <u>Kim Carter</u> <u>Kim Carter</u>	Date/Time <u>4/13/11</u> <u>1025</u>	RECEIVED BY (Printed Name) <u>Sherry Sherwood</u> <u>Sherry Sherwood</u>	Date/Time <u>4/13/11</u> <u>1025</u>
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SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3407

EVENT NAME: Delta Prime East - Bldg. 21-155 - SWMU 21-011(b)

SAMPLE ID: RE21-11-5826

WORK ORDER:

	<u>AS PLANNED</u>	<u>AS COLLECTED</u>	<u>AS PLANNED</u>	<u>AS COLLECTED</u>
DATE COLLECTED(MM/DD/YYYY):		04/12/2011	MEDIA: ALLH	QBT3
TIME COLLECTED (HH:MM)		17:30	SUB-MEDIA: SOIL	Tuff
PRS ID: 21-011(b)		OK	SAMPLE TECH CODE: HA	OK
LOCATION ID: 21-614001		↓	FIELD QC TYPE: NA	↓
LOCATION TYPE: <u>GENERIC</u>		↓	FIELD PREP: NA	↓
TOP DEPTH: 0		30	SAMPLE USAGE: <u>INV</u>	↓
BOTTOM DEPTH: 0		31	SCREEN/PORT DESC: NA	
FIELD MATRIX: S		R	EXCAVATED: YES/ <input checked="" type="radio"/> NO/NA	
COMPOSITE TYPE: NA			COMPOSITE TIME INTERVAL: NA	WATER FLOWING: YES/ <input checked="" type="radio"/> NO/NA
BOREHOLE: YES/ <input checked="" type="radio"/> NO/NA			BOREHOLE DECLINATION: NA	BOREHOLE DIRECTION: NA

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	regular	8082+8270+ NMED-EXP	500 ML AMBER GLASS	Ice	yes	
1	↓	8260B	125 ML SEPTUM AMBER GLASS	Ice	↓	
2		8290	125 ML GLASS	Ice		
1		AM+GS+U+PU+ TH+SR90	1 LITER POLY	None		
1		H3	500 ML POLY	Ice		Add Tc-99
1		METALS-GEL	125 ML POLY	Ice		
1	↓	Perchlorate+CN+ N03+pH	500 ML POLY	Ice	↓	
1		RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	No	

SAMPLE DESC: light gray ash flow tuff, loose, dry

SAMPLE COMMENTS:

None

LOCATION DESC:

WP location 155-17

FIELD SCREENING/MEASUREMENT RESULTS:

$$PID \frac{\text{Ambien. Reading}}{\text{Reading}} = \text{ppm} \frac{0}{0}$$

$$\text{Alpha} = \frac{0}{699} \text{ dpm}$$

$$\text{Beta/Gamma} = \frac{699}{699} \text{ dpr.}$$

COLLECTED BY (PRINT)

A. Furmell

REVIEWED BY (PRINT)

J. Branch

RELINQUISHED BY

(Printed Name)

Kim Omeron
A. Furmell

Date/Time

4/13/11
1025

RECEIVED BY

(Printed Name)

Sheri Sherwood
Sheri Sherwood

Date/Time

4/13/11
1025

SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3407

EVENT NAME: Delta Prime East - Bldg. 21-155 - SWMU 21-011(b)

SAMPLE ID: RE21-11-5827

WORK ORDER:

	AS PLANNED	AS COLLECTED	AS PLANNED	AS COLLECTED
DATE COLLECTED(MM/DD/YYYY):		03/25/2011	MEDIA: ALLH	OK
TIME COLLECTED (HH:MM)		12:30	SUB-MEDIA: SOIL	
PRS ID: 21-011(b)		OK	SAMPLE TECH CODE: HA	
LOCATION ID: 21-614002		↓	FIELD QC TYPE: NA	
LOCATION TYPE: GENERIC		↓	FIELD PREP: NA	
TOP DEPTH: 0		5	SAMPLE USAGE: INV	↓
BOTTOM DEPTH: 0		6	SCREEN/PORT DESC: NA	
FIELD MATRIX: S		OK	EXCAVATED: YES (NO) / NA	
COMPOSITE TYPE: NA			COMPOSITE TIME INTERVAL: NA	WATER FLOWING: YES (NO) / NA
BOREHOLE: YES (NO) / NA			BOREHOLE DECLINATION: NA	BOREHOLE DIRECTION: NA

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	regular	8260B	125 ML SEPTUM AMBER GLASS	Ice	yes	
1		8270C	250 ML AMBER GLASS	Ice		
1		AM+GS+U+PU+TH+SR90	1 LITER POLY	None		
2		ASBESTOS	125 ML GLASS	Ice		
1		H3	500 ML POLY	Ice		Add Tc-99
1		METALS-GEL	125 ML POLY	Ice		
1	↓	Perchlorate+CN+N03+pH	500 ML POLY	Ice	↓	
1		RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	No	

SAMPLE DESC: gray/brown sandy silt with ash, pebbles, cobbles, loose, slightly moist

SAMPLE COMMENTS: collected beneath base course at 5' bgs. found several metal fragments not rusted, folded sheets

LOCATION DESC: WP location 155-26

FIELD SCREENING/MEASUREMENT RESULTS:

$$PID \frac{\text{Ambient Reading}}{\text{Reading}} = \text{ppm} \frac{0}{0}$$

$$\text{Alpha} = 0 \text{ dpm}$$

$$\text{Beta/Gamma} = 699 \text{ dpm}$$

COLLECTED BY (PRINT) A. Fumall REVIEWED BY (PRINT) J. Branch

RELINQUISHED BY (Printed Name) <u>A. Fumall</u> <u>A. Fumall</u>	Date/Time <u>3/25/11</u> <u>10:15</u>	RECEIVED BY (Printed Name) <u>STERN STERNWOOD</u> <u>Sheila Sternwood</u>	Date/Time <u>3/25/11</u> <u>10:15</u>
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SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3407

EVENT NAME: Delta Prime East - Bldg. 21-155 - SWMU 21-011(b)

SAMPLE ID: RE21-11-5828

WORK ORDER:

	<u>AS PLANNED</u>	<u>AS COLLECTED</u>		<u>AS PLANNED</u>	<u>AS COLLECTED</u>
DATE COLLECTED(MM/DD/YYYY):		03/25/2011	MEDIA:	ALLH	OK
TIME COLLECTED (HH:MM)		12:50	SUB-MEDIA:	SOIL	
PRS ID:	21-011(b)	OK	SAMPLE TECH CODE:	HA	
LOCATION ID:	21-614002	↓	FIELD QC TYPE:	NA	
LOCATION TYPE:	GENERIC	↓	FIELD PREP:	NA	
TOP DEPTH:	0	7	SAMPLE USAGE:	INV	V
BOTTOM DEPTH:	0	8	SCREEN/PORT DESC:	NA	
FIELD MATRIX:	S	OK	EXCAVATED: YES / <input checked="" type="radio"/> NA		
COMPOSITE TYPE:	NA		COMPOSITE TIME INTERVAL:	NA	WATER FLOWING: YES <input checked="" type="radio"/> / NA
BOREHOLE: YES / <input checked="" type="radio"/> NA			BOREHOLE DECLINATION:	NA	BOREHOLE DIRECTION: NA

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	regular	8260B	125 ML SEPTUM AMBER GLASS	Ice	yes	
1		8270C	250 ML AMBER GLASS	Ice	↓	
1		AM+GS+U+PU+TH+SR90	1 LITER POLY	None	↓	
2		ASBESTOS	125 ML GLASS	Ice	↓	
1		H3	500 ML POLY	Ice	↓	Add Tc-99
1		METALS-GEL	125 ML POLY	Ice	↓	
1	↓	Perchlorate+CN+N03+pH	500 ML POLY	Ice	↓	
1		RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	No	

SAMPLE DESC: gray/brown sandy silt with pebbles, and cobbles, small clumps, slightly moist

SAMPLE COMMENTS: None

LOCATION DESC: WP location 155-26

FIELD SCREENING/MEASUREMENT RESULTS:

PID $\frac{\text{Ambient Reading}}{\text{Reading}} = \text{ppm } \frac{0}{0}$

Alpha = $\frac{15}{\text{dpm}}$
Beta/Gamma = $\frac{932}{\text{dpm}}$

COLLECTED BY (PRINT) A. Furrall

REVIEWED BY (PRINT) J. Branch

RELINQUISHED BY (Printed Name) <u>Ali Furrall</u> 	Date/Time <u>3/28/11</u> <u>10:15</u>	RECEIVED BY (Printed Name) <u>Sherry Steward</u> 	Date/Time <u>3/28/11</u> <u>10:15</u>
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SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3407

EVENT NAME: Delta Prime East - Bldg. 21-155 - SWMU 21-011(b)

SAMPLE ID: RE21-11-5829

WORK ORDER:

	AS PLANNED	AS COLLECTED	AS PLANNED	AS COLLECTED
DATE COLLECTED(MM/DD/YYYY):		03/28/2011	MEDIA: ALLH	OK
TIME COLLECTED (HH:MM)		09:21	SUB-MEDIA: SOIL	
PRS ID: 21-011(b)		OK	SAMPLE TECH CODE: HA	
LOCATION ID: 21-614003		↓	FIELD QC TYPE: NA	
LOCATION TYPE: GENERIC		↓	FIELD PREP: NA	
TOP DEPTH: 0		5	SAMPLE USAGE: INV	↓
BOTTOM DEPTH: 0		6	SCREEN/PORT DESC: NA	
FIELD MATRIX: S		OK	EXCAVATED: YES <input checked="" type="radio"/> NO <input type="radio"/> NA	
COMPOSITE TYPE: NA			COMPOSITE TIME INTERVAL: NA	WATER FLOWING: YES <input checked="" type="radio"/> NA <input type="radio"/>
BOREHOLE: YES <input checked="" type="radio"/> NO <input type="radio"/> NA			BOREHOLE DECLINATION: NA	BOREHOLE DIRECTION: NA

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	regular	8260B	125 ML SEPTUM AMBER GLASS	Ice	yes	
1		8270C	250 ML AMBER GLASS	Ice		
1		AM+GS+U+PU+TH+SR90	1 LITER POLY	None		
2		ASBESTOS	125 ML GLASS	Ice		
1		H3	500 ML POLY	Ice		Add Tc-99
1		METALS-GEL	125 ML POLY	Ice		
1	↓	Perchlorate+CN+N03+pH	500 ML POLY	Ice	↓	
1		RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	No	

SAMPLE DESC: gray/brown sandy silt with ash, pebbles, and cobbles loose, dry

SAMPLE COMMENTS: collected beneath base course at 5' FTB RE21-11-5906 bgs

LOCATION DESC: W location 155-27

FIELD SCREENING/MEASUREMENT RESULTS: Alpha = 0 dpm
Beta/Gamma = 699 dpm

PID $\frac{\text{Ambient Reading}}{\text{Reading}} = \text{ppm} \frac{0}{0}$

COLLECTED BY (PRINT) A. Fumall REVIEWED BY (PRINT) J. Branch

RELINQUISHED BY (Printed Name) Lourdes Cordova <i>Lourdes Cordova</i>	Date/Time 3/29/11 9:55	RECEIVED BY (Printed Name) <u>STEPHEN SHEPHERD</u> <i>Stephen Shepherd</i>	Date/Time 3/29/11 9:55
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SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3407

EVENT NAME: Delta Prime East - Bldg. 21-155 - SWMU 21-011(b)

SAMPLE ID: RE21-11-5830

WORK ORDER:

	AS PLANNED	AS COLLECTED	AS PLANNED	AS COLLECTED
DATE COLLECTED(MM/DD/YYYY):		03/28/2011	MEDIA: ALLH	QBT3
TIME COLLECTED (HH:MM)		09:55	SUB-MEDIA: SOIL	Tuff
PRS ID: 21-011(b)		OK	SAMPLE TECH CODE: HA	OK
LOCATION ID: 21-614003		↓	FIELD QC TYPE: NA	↓
LOCATION TYPE: GENERIC		↓	FIELD PREP: NA	↓
TOP DEPTH: 0		7	SAMPLE USAGE: INV	↓
BOTTOM DEPTH: 0		8	SCREEN/PORT DESC: NA	↓
FIELD MATRIX: S		R	EXCAVATED: YES/NO/NA	NA
COMPOSITE TYPE: NA		COMPOSITE TIME INTERVAL: NA	WATER FLOWING: YES/NO/NA	NO
BOREHOLE: YES/NO/NA		BOREHOLE DECLINATION: NA	BOREHOLE DIRECTION: NA	

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	regular	8260B	125 ML SEPTUM AMBER GLASS	Ice	yes	
1	↓	8270C	250 ML AMBER GLASS	Ice	↓	
1	↓	AM+GS+U+PU+TH+SR90	1 LITER POLY	None	↓	
2	↓	ASBESTOS	125 ML GLASS	Ice	↓	
1	↓	H3	500 ML POLY	Ice	↓	Add To-99
1	↓	METALS-GEL	125 ML POLY 250 AF 3/28/11	Ice	↓	
1	↓	Perchlorate+CN+N03+pH	500 ML POLY	Ice	↓	
1	↓	RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	No	

SAMPLE DESC: gray ash tuff with a few cobbles, loose with a few welded fragments, dry

SAMPLE COMMENTS: FR-RE21-11-5913

LOCATION DESC: WP location 155-27

FIELD SCREENING/MEASUREMENT RESULTS:

PID $\frac{\text{Ambient Reading}}{\text{C}} = \text{ppm}$ Alpha = 15 dpm
 Beta/Gamma = 932 dpm

COLLECTED BY (PRINT) A. Furrall REVIEWED BY (PRINT) J. Branch

RELINQUISHED BY (Printed Name) Lourdes Cordova <i>Lourdes Cordova</i>	Date/Time 3/29/11 10:05	RECEIVED BY (Printed Name) Melissa Monty <i>Melissa Monty</i>	Date/Time 3/29/11 1005
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SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3407

EVENT NAME: Delta Prime East - Bldg. 21-155 - SWMU 21-011(b)

SAMPLE ID: RE21-11-5831

WORK ORDER:

	<u>AS PLANNED</u>	<u>AS COLLECTED</u>	<u>AS PLANNED</u>	<u>AS COLLECTED</u>
DATE COLLECTED(MM/DD/YYYY):		03/28/2011	MEDIA: ALLH	QBT3
TIME COLLECTED (HH:MM)		11:30	SUB-MEDIA: SOIL	Tuff
PRS ID: 21-011(b)		OK	SAMPLE TECH CODE: HA	OK
LOCATION ID: 21-614004		↓	FIELD QC TYPE: NA	↓
LOCATION TYPE: <u>GENERIC</u>		↓	FIELD PREP: NA	↓
TOP DEPTH: 0		5	SAMPLE USAGE: <u>INV</u>	↓
BOTTOM DEPTH: 0		6	SCREEN/PORT DESC: NA	
FIELD MATRIX: S		R	EXCAVATED: YES <input checked="" type="radio"/> NO <input type="radio"/> NA	
COMPOSITE TYPE: NA			COMPOSITE TIME INTERVAL: NA	WATER FLOWING: YES <input checked="" type="radio"/> NO <input type="radio"/> NA
BOREHOLE: YES <input checked="" type="radio"/> NO <input type="radio"/> NA			BOREHOLE DECLINATION: NA	BOREHOLE DIRECTION: NA

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	regular	8260B	125 ML SEPTUM AMBER GLASS	Ice	yes	
1		8270C	250 ML AMBER GLASS	Ice	↓	
1		AM+GS+U+PU+TH+SR90	1 LITER POLY	None	↓	
2		ASBESTOS	125 ML GLASS	Ice	↓	
1		H3	500 ML POLY	Ice	↓	Add Tc-99
1		METALS-GEL	125 ML POLY 250 at 3/28/11	Ice	↓	
1		Perchlorate+CN+N03+pH	500 ML POLY	Ice	↓	
1		RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	No	

SAMPLE DESC: gray ash flow tuff, loose with welded fragments, very slightly moist

SAMPLE COMMENTS: collected beneath base course at 5' bgs

LOCATION DESC: WP location 155-29

FIELD SCREENING/MEASUREMENT RESULTS:

Alpha = 92 dpm
Beta/Gamma = 699 dpm

COLLECTED BY (PRINT) A. Furmall REVIEWED BY (PRINT) J. Branch

RELINQUISHED BY (Printed Name) <u>Lourdes Cordova</u> 	Date/Time <u>3/29/11</u> <u>10:05</u>	RECEIVED BY (Printed Name) <u>Michelle Martin</u> 	Date/Time <u>3/29/11</u> <u>10:05</u>
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SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3407

EVENT NAME: Delta Prime East - Bldg. 21-155 - SWMU 21-011(b)

SAMPLE ID: RE21-11-5832

WORK ORDER:

	AS PLANNED	AS COLLECTED	AS PLANNED	AS COLLECTED
DATE COLLECTED(MM/DD/YYYY):		03/28/2011	MEDIA: ALLH	GBT3
TIME COLLECTED (HH:MM)		13:27	SUB-MEDIA: SOIL	Tuff
PRS ID: 21-011(b)		OK	SAMPLE TECH CODE: HA	OK
LOCATION ID: 21-614004		↓	FIELD QC TYPE: NA	↓
LOCATION TYPE: GENERIC		↓	FIELD PREP: NA	↓
TOP DEPTH: 0		7	SAMPLE USAGE: INV	↓
BOTTOM DEPTH: 0		8	SCREEN/PORT DESC: NA	
FIELD MATRIX: S		R	EXCAVATED: YES <input checked="" type="checkbox"/> NO / NA	
COMPOSITE TYPE: NA			COMPOSITE TIME INTERVAL: NA	WATER FLOWING: YES <input checked="" type="checkbox"/> NO / NA
BOREHOLE: YES <input checked="" type="checkbox"/> NO / NA			BOREHOLE DECLINATION: NA	BOREHOLE DIRECTION: NA

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	regular	8260B	125 ML SEPTUM AMBER GLASS	Ice	yes	
1	↓	8270C	250 ML AMBER GLASS	Ice	↓	
1	↓	AM+GS+U+PU+TH+SR90	1 LITER POLY	None	↓	
2	↓	ASBESTOS	125 ML GLASS	Ice	↓	
1	↓	H3	500 ML POLY	Ice	↓	Add Tc-99
1	↓	METALS-GEL	125 ML POLY	Ice	↓	
1	↓	Perchlorate+CN+N03+pH	500 ML POLY	Ice	↓	
1	↓	RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	No	

SAMPLE DESC: gray ash flow tuff, loose with a few wetted fragments
 very slightly moist

SAMPLE COMMENTS:
 None

LOCATION DESC:
 WP location 155-29

FIELD SCREENING/MEASUREMENT RESULTS:

PID $\frac{\text{Ambient Reading}}{\text{Reading}} = \text{ppm } \frac{0}{0}$

Alpha = 15 dpm
 Beta/Gamma = 699 dpm

COLLECTED BY (PRINT) A. Fumoll

REVIEWED BY (PRINT) J. Branch

RELINQUISHED BY (Printed Name) <u>Lourdes Cordova</u>	Date/Time <u>3/29/11</u>	RECEIVED BY (Printed Name) <u>Melissa Monty</u>	Date/Time <u>3/29/11</u>
<u>Lourdes Cordova</u>	<u>10:05</u>	<u>Melissa Monty</u>	<u>1005</u>

SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3407

EVENT NAME: Delta Prime East - Bldg. 21-155 - SWMU 21-011(b)

SAMPLE ID: RE21-11-5833

WORK ORDER:

	<u>AS PLANNED</u>	<u>AS COLLECTED</u>	<u>AS PLANNED</u>	<u>AS COLLECTED</u>
DATE COLLECTED(MM/DD/YYYY):		03/28/2011	MEDIA: ALLH	QBT3
TIME COLLECTED (HH:MM)		13:57	SUB-MEDIA: SOIL	Tuff
PRS ID: 21-011(b)		OK	SAMPLE TECH CODE: HA	OK
LOCATION ID: 21-614005		↓	FIELD QC TYPE: NA	↓
LOCATION TYPE: GENERIC		↓	FIELD PREP: NA	↓
TOP DEPTH: 0		5	SAMPLE USAGE: INV	↓
BOTTOM DEPTH: 0		6	SCREEN/PORT DESC: NA	
FIELD MATRIX: S		R	EXCAVATED: YES (NO) / NA	
COMPOSITE TYPE: NA			COMPOSITE TIME INTERVAL: NA	WATER FLOWING: YES (NO) / NA
BOREHOLE: YES (NO) / NA			BOREHOLE DECLINATION: NA	BOREHOLE DIRECTION: NA

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	regular	8260B	125 ML SEPTUM AMBER GLASS	Ice	yes	
1	↓	8270C	250 ML AMBER GLASS	Ice	↓	
1	↓	AM+GS+U+PU+TH+SR90	1 LITER POLY	None	↓	
2	↓	ASBESTOS	125 ML GLASS	Ice	↓	
1	↓	H3	500 ML POLY	Ice	↓	Add Tc-99
1	↓	METALS-GEL	125 ML POLY 250 AC 3/29/11	Ice	↓	
1	↓	Perchlorate+CN+N03+pH	500 ML POLY	Ice	↓	
1	↓	RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	No	

SAMPLE DESC: gray ash flow tuff, loose with a few welded fragments slightly moist

SAMPLE COMMENTS: sample collected beneath base course at 5' bgs

LOCATION DESC: WP location 155-30

FIELD SCREENING/MEASUREMENT RESULTS:

PiD $\frac{\text{Ambient Reading}}{\text{Reading}} = \text{ppm } \frac{0}{0}$

Alpha = 31 dpm
Beta/Gamma = 932 dpm

COLLECTED BY (PRINT) A. Fumall

REVIEWED BY (PRINT) J. Branch

RELINQUISHED BY (Printed Name) Lourdes Cordova <i>Lourdes Cordova</i>	Date/Time 3/29/11 10:05	RECEIVED BY (Printed Name) <i>Michelle Montoya</i> <i>Michelle Montoya</i>	Date/Time 3/29/11 1005
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SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3407

EVENT NAME: Delta Prime East - Bldg. 21-155 - SWMU 21-011(b)

SAMPLE ID: RE21-11-5834

WORK ORDER:

	<u>AS PLANNED</u>	<u>AS COLLECTED</u>	<u>AS PLANNED</u>	<u>AS COLLECTED</u>
DATE COLLECTED(MM/DD/YYYY):		03/28/2011	MEDIA: ALLH	QBT3
TIME COLLECTED (HH:MM)		14:28	SUB-MEDIA: SOIL	Tuff
PRS ID: 21-011(b)		OK	SAMPLE TECH CODE: HA	OK
LOCATION ID: 21-614005		↓	FIELD QC TYPE: NA	↓
LOCATION TYPE: <u>GENERIC</u>		↓	FIELD PREP: NA	↓
TOP DEPTH: 0		7	SAMPLE USAGE: <u>INV</u>	↓
BOTTOM DEPTH: 0		8	SCREEN/PORT DESC: NA	
FIELD MATRIX: S		R	EXCAVATED: YES <input checked="" type="radio"/> NO <input type="radio"/> NA	
COMPOSITE TYPE: NA		COMPOSITE TIME INTERVAL: NA	WATER FLOWING: YES <input type="radio"/> NO <input checked="" type="radio"/> NA	
BOREHOLE: YES <input type="radio"/> NO <input checked="" type="radio"/> NA		BOREHOLE DECLINATION: NA	BOREHOLE DIRECTION: NA	

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	regular	8260B	125 ML SEPTUM AMBER GLASS	Ice	yes	
1		8270C	250 ML AMBER GLASS	Ice	↓	
1		AM+GS+U+PU+TH+SR90	1 LITER POLY	None	↓	
2		ASBESTOS	125 ML GLASS	Ice	↓	
1		H3	500 ML POLY	Ice	↓	Add Tc-99
1		METALS-GEL	125 ML POLY 250 ml 3/28/11	Ice	↓	
1		Perchlorate+CN+N03+pH	500 ML POLY	Ice	↓	
1		RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	No	

SAMPLE DESC: gray ash flow tuff, loose with a few welded fragments
 dry very slightly moist
 of 3/28/11

SAMPLE COMMENTS:

None

LOCATION DESC:

WP location 155-30

FIELD SCREENING/MEASUREMENT RESULTS:

PID $\frac{\text{Ambient Reading}}{\text{Reading}} = \text{ppm } 0$

Alpha = $\frac{15}{\text{dpm}}$
 Beta/Gamma = $\frac{466}{\text{dpm}}$

COLLECTED BY (PRINT) L. Furmell

REVIEWED BY (PRINT) J. Branch

RELINQUISHED BY (Printed Name) <u>Lourdes Cordova</u> <u>Lourdes Cordova</u>	Date/Time <u>9:55</u> <u>3/29/11</u>	RECEIVED BY (Printed Name) <u>Sherrin Sherwood</u> <u>Sherrin Sherwood</u>	Date/Time <u>9:55</u> <u>3/29/11</u>
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SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3407

EVENT NAME: Delta Prime East - Bldg. 21-155 - SWMU 21-011(b)

SAMPLE ID: RE21-11-5835

WORK ORDER:

	AS PLANNED	AS COLLECTED		AS PLANNED	AS COLLECTED
DATE COLLECTED(MM/DD/YYYY):		03/29/2011	MEDIA:	ALLH	QBT3
TIME COLLECTED (HH:MM)		09:23	SUB-MEDIA:	SOIL	Tuff
PRS ID:	21-011(b)	OK	SAMPLE TECH CODE:	HA	OK
LOCATION ID:	21-614006	↓	FIELD QC TYPE:	NA	↓
LOCATION TYPE:	GENERIC	↓	FIELD PREP:	NA	↓
TOP DEPTH:	0	5	SAMPLE USAGE:	INV	↓
BOTTOM DEPTH:	0	6	SCREEN/PORT DESC:	NA	
FIELD MATRIX:	S	R	EXCAVATED: YES/NO/NA	NO	
COMPOSITE TYPE:	NA		COMPOSITE TIME INTERVAL:	NA	WATER FLOWING: YES/NO/NA
BOREHOLE: YES/NO/NA	NO		BOREHOLE DECLINATION:	NA	BOREHOLE DIRECTION: NA

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	regular	8260B	125 ML SEPTUM AMBER GLASS	Ice	yes	
1	↓	8270C	250 ML AMBER GLASS	Ice	↓	
1	↓	AM+GS+U+PU+TH+SR90	1 LITER POLY	None	↓	
2	↓	ASBESTOS	125 ML GLASS	Ice	↓	
1	↓	H3	500 ML POLY	Ice	↓	Add Tc-99
1	↓	METALS-GEL	125 ML POLY	Ice	↓	
1	↓	Perchlorate+CN+N03+pH	500 ML POLY	Ice	↓	
1	↓	RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	No	

SAMPLE DESC: gray ash flow tuff, loose, slightly moist

SAMPLE COMMENTS:

collected beneath base course at 5' bgs FTB: RE21-11-5907

LOCATION DESC:

Wt location 155-32

FIELD SCREENING/MEASUREMENT RESULTS:

PID $\frac{\text{Ambient Reading}}{\text{Reading}} = \text{ppm } \frac{0}{0}$

Alpha = $\frac{0}{466} \text{ dpm}$
Beta/Gamma = $\frac{466}{466} \text{ dpm}$

COLLECTED BY (PRINT) A. Fumell

REVIEWED BY (PRINT) J. Branch

RELINQUISHED BY (Printed Name) <u>Loudes Cordave</u> <u>Loudes Cordave</u>	Date/Time <u>3/30/11</u> <u>11:45</u>	RECEIVED BY (Printed Name) <u>Sherrin Sheppard</u> <u>Sherrin Sheppard</u>	Date/Time <u>3/30/11</u> <u>1145</u>
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SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3407

EVENT NAME: Delta Prime East - Bldg. 21-155 - SWMU 21-011(b)

SAMPLE ID: RE21-11-5836

WORK ORDER:

	<u>AS PLANNED</u>	<u>AS COLLECTED</u>	<u>AS PLANNED</u>	<u>AS COLLECTED</u>
DATE COLLECTED(MM/DD/YYYY):		03/29/2011	MEDIA: ALLH	QBT3
TIME COLLECTED (HH:MM)		09:42	SUB-MEDIA: SOIL	Tuff
PRS ID: 21-011(b)		OK	SAMPLE TECH CODE: HA	OK
LOCATION ID: 21-614006		↓	FIELD QC TYPE: NA	↓
LOCATION TYPE: GENERIC		↓	FIELD PREP: NA	↓
TOP DEPTH: 0		7	SAMPLE USAGE: INV	↓
BOTTOM DEPTH: 0		8	SCREEN/PORT DESC: NA	
FIELD MATRIX: S		R	EXCAVATED: YES/ <input checked="" type="radio"/> NO/NA	
COMPOSITE TYPE: N/A			COMPOSITE TIME INTERVAL: NA	WATER FLOWING: YES/ <input checked="" type="radio"/> NO/NA
BOREHOLE: YES/ <input checked="" type="radio"/> NO/NA			BOREHOLE DECLINATION: NA	BOREHOLE DIRECTION: NA

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	regular	8260B	125 ML SEPTUM AMBER GLASS	Ice	yes	
1	↓	8270C	250 ML AMBER GLASS	Ice	↓	
1	↓	AM+GS+U+PU+TH+SR90	1 LITER POLY	None	↓	
2	↓	ASBESTOS	125 ML GLASS	Ice	↓	
1	↓	H3	500 ML POLY	Ice	↓	Add Tc-99
1	↓	METALS-GEL	125 ML POLY	Ice	↓	
1	↓	Perchlorate+CN+N03+pH	500 ML POLY	Ice	↓	
1	↓	RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	no	

SAMPLE DESC: gray ash flow tuff, loose, slightly moist

SAMPLE COMMENTS:

FD - RE21-11-5894

LOCATION DESC:

WP location 155-32

FIELD SCREENING/MEASUREMENT RESULTS:

PID $\frac{\text{Ambient Reading}}{\text{Reading}} = \text{ppm} \frac{0}{c}$

Alpha = $\frac{0}{dpm}$
Beta/Gamma = $\frac{466}{dpm}$

COLLECTED BY (PRINT) A. Furnall

REVIEWED BY (PRINT) J. Branch

RELINQUISHED BY (Printed Name) <u>Courdos Cordwa</u> <u>Louisa Cordwa</u>	Date/Time <u>3/30/11</u> <u>11:45</u>	RECEIVED BY (Printed Name) <u>Sheila Stewart</u> <u>Sheila Stewart</u>	Date/Time <u>3/30/11</u> <u>1145</u>
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SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3407

EVENT NAME: Delta Prime East - Bldg. 21-155 - SWMU 21-011(b)

SAMPLE ID: RE21-11-5837

WORK ORDER:

	<u>AS PLANNED</u>	<u>AS COLLECTED</u>		<u>AS PLANNED</u>	<u>AS COLLECTED</u>
DATE COLLECTED(MM/DD/YYYY):		03/29/2011	MEDIA:	ALLH	OK
TIME COLLECTED (HH:MM)		10:13	SUB-MEDIA:	SOIL	↓
PRS ID:	21-011(b)	OK	SAMPLE TECH CODE:	HA	↓
LOCATION ID:	21-614007	↓	FIELD QC TYPE:	NA	↓
LOCATION TYPE:	<u>GENERIC</u>	↓	FIELD PREP:	NA	↓
TOP DEPTH:	0	5	SAMPLE USAGE:	INV	↓
BOTTOM DEPTH:	0	6	SCREEN/PORT DESC:	NA	↓
FIELD MATRIX:	S	OK	EXCAVATED: YES/NO/NA	NA	↓
COMPOSITE TYPE:	NA	COMPOSITE TIME INTERVAL:	NA	WATER FLOWING: YES/NO/NA	NO
BOREHOLE: YES/NO/NA	NO	BOREHOLE DECLINATION:	NA	BOREHOLE DIRECTION:	NA

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	regular	8260B	125 ML SEPTUM AMBER GLASS	Ice	YES	
1	↓	8270C	250 ML AMBER GLASS	Ice	↓	
1	↓	AM+GS+U+PU+TH+SR90	1 LITER POLY	None	↓	
2	↓	ASBESTOS	125 ML GLASS	Ice	↓	
1	↓	H3	500 ML POLY	Ice	↓	Add Tc-99
1	↓	METALS-GEL	125 ML POLY	Ice	↓	
1	↓	Perchlorate+CN+N03+pH	500 ML POLY	Ice	↓	
1	↓	RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	No	

SAMPLE DESC: brown sandy silt with some ash, tuff fragments, pebbles, and cobbles, moist with many small clumps, some construction debris

SAMPLE COMMENTS: collected beneath base course at 5' bgs

LOCATION DESC: WP location 155-33

FIELD SCREENING/MEASUREMENT RESULTS:

PID $\frac{\text{Ambient Reading}}{\text{Reading}} = \text{ppm } \frac{0}{0}$

Alpha = $\frac{0}{466} \text{ dpm}$
Beta/Gamma = $\frac{466}{466} \text{ dpm}$

COLLECTED BY (PRINT) A. Fumall

REVIEWED BY (PRINT) J. Branch

RELINQUISHED BY (Printed Name) <u>Lourdes Cordova</u> <u>Lourdes Cordova</u>	Date/Time <u>3/30/11</u> <u>1145</u>	RECEIVED BY (Printed Name) <u>Sheila Sherwood</u> <u>Sheila Sherwood</u>	Date/Time <u>3/30/11</u> <u>1145</u>
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SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3407

EVENT NAME: Delta Prime East - Bldg. 21-155 - SWMU 21-011(b)

SAMPLE ID: RE21-11-5838

WORK ORDER:

	<u>AS PLANNED</u>	<u>AS COLLECTED</u>	<u>AS PLANNED</u>	<u>AS COLLECTED</u>
DATE COLLECTED(MM/DD/YYYY):		03/29/2011	MEDIA: ALLH	Q/S T3
TIME COLLECTED (HH:MM)		11:07	SUB-MEDIA: SOIL	Tuff
PRS ID: 21-011(b)		OK	SAMPLE TECH CODE: HA	OK
LOCATION ID: 21-614007		↓	FIELD QC TYPE: NA	↓
LOCATION TYPE: GENERIC		↓	FIELD PREP: NA	↓
TOP DEPTH: 0		7	SAMPLE USAGE: INV	↓
BOTTOM DEPTH: 0		8	SCREEN/PORT DESC: NA	
FIELD MATRIX: S		R	EXCAVATED: YES/NO/NA	
COMPOSITE TYPE: NA			COMPOSITE TIME INTERVAL: NA	WATER FLOWING: YES/NO/NA
BOREHOLE: YES/NO/NA			BOREHOLE DECLINATION: NA	BOREHOLE DIRECTION: NA

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	regular	8260B	125 ML SEPTUM AMBER GLASS	Ice	yes	
1	↓	8270C	250 ML AMBER GLASS	Ice	↓	
1	↓	AM+GS+U+PU+TH+SR90	1 LITER POLY	None	↓	
2	↓	ASBESTOS	125 ML GLASS	Ice	↓	
1	↓	H3	500 ML POLY	Ice	↓	Add Tc-99
1	↓	METALS-GEL	125 ML POLY	Ice	↓	
1	↓	Perchlorate+CN+N03+pH	500 ML POLY	Ice	↓	
1	↓	RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	No	

SAMPLE DESC: gray ash flow tuff, loose with welded fragments, slightly moist

SAMPLE COMMENTS:

None

LOCATION DESC:

WP location 155-33

FIELD SCREENING/MEASUREMENT RESULTS:

PID $\frac{\text{Ambient Reading}}{\text{Reading}} = \text{ppm } \frac{0}{0}$

Alpha = $\frac{15}{\text{dpm}}$
Beta/Gamma = $\frac{699}{\text{dpm}}$

COLLECTED BY (PRINT) A. Furmell

REVIEWED BY (PRINT) J. Branch

RELINQUISHED BY (Printed Name) <u>Lourdes Cordova</u> <u>Lourdes Cordova</u>	Date/Time <u>3/30/11</u> <u>11:45</u>	RECEIVED BY (Printed Name) <u>Sheila Sheppard</u> <u>Sheila Sheppard</u>	Date/Time <u>3/30/11</u> <u>1145</u>
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SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3407

EVENT NAME: Delta Prime East - Bldg. 21-155 - SWMU 21-011(b)

SAMPLE ID: RE21-11-5839

WORK ORDER:

	<u>AS PLANNED</u>	<u>AS COLLECTED</u>	<u>AS PLANNED</u>	<u>AS COLLECTED</u>
DATE COLLECTED(MM/DD/YYYY):		03/30/2011	MEDIA: ALLH	QBT3
TIME COLLECTED (HH:MM)		08:47	SUB-MEDIA: SOIL	Tuff
PRS ID: 21-011(b)		OK	SAMPLE TECH CODE: HA	OK
LOCATION ID: 21-614008		↓	FIELD QC TYPE: NA	↓
LOCATION TYPE: GENERIC		↓	FIELD PREP: NA	↓
TOP DEPTH: 0		5	SAMPLE USAGE: INV	↓
BOTTOM DEPTH: 0		6	SCREEN/PORT DESC: NA	
FIELD MATRIX: S		R	EXCAVATED: YES/NO/NA	
COMPOSITE TYPE: NA			COMPOSITE TIME INTERVAL: NA	WATER FLOWING: YES/NO/NA
BOREHOLE: YES/NO/NA			BOREHOLE DECLINATION: NA	BOREHOLE DIRECTION: NA

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	regular	8260B	125 ML SEPTUM AMBER GLASS	Ice	yes	
1	↓	8270C	250 ML AMBER GLASS	Ice	↓	
1	↓	AM+GS+U+PU+TH+SR90	1 LITER POLY	None	↓	
2	↓	ASBESTOS	125 ML GLASS	Ice	↓	
1	↓	H3	500 ML POLY	Ice	↓	Add Tc-99
1	↓	METALS-GEL	125 ML POLY	Ice	↓	
1	↓	Perchlorate+CN+N03+pH	500 ML POLY	Ice	↓	
1	↓	RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	No	

SAMPLE DESC: gray ash flow tuff, loose, slightly moist

FTB-RE21-11-5908

SAMPLE COMMENTS:

collected beneath base course at 5' bgs

LOCATION DESC:

WP location 155-34

FIELD SCREENING/MEASUREMENT RESULTS:

PID $\frac{\text{Ambient Reading}}{\text{Reading}} = \text{ppm } 0$

Alpha = $\frac{15}{699} \text{ dpm}$
Beta Gamma = 699 dpm

COLLECTED BY (PRINT) A. Furnell

REVIEWED BY (PRINT) J. Branch

RELINQUISHED BY	Date/Time	RECEIVED BY	Date/Time
(Printed Name) Lourdes Cordova	3/31/11	(Printed Name) STEPHEN STEARWOOD	3/31/11
Lourdes Cordova	8:55	Stephen Stearwood	8:55

SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3407

EVENT NAME: Delta Prime East - Bldg. 21-155 - SWMU 21-011(b)

SAMPLE ID: RE21-11-5840

WORK ORDER:

	<u>AS PLANNED</u>	<u>AS COLLECTED</u>		<u>AS PLANNED</u>	<u>AS COLLECTED</u>
DATE COLLECTED(MM/DD/YYYY):		03/30/2011	MEDIA:	ALLH	QBT3
TIME COLLECTED (HH:MM)		09:25	SUB-MEDIA:	SOIL	Tuff
PRS ID: 21-011(b)		OK	SAMPLE TECH CODE:	HA	OK
LOCATION ID: 21-614008		↓	FIELD QC TYPE:	NA	↓
LOCATION TYPE: <u>GENERIC</u>		↓	FIELD PREP:	NA	↓
TOP DEPTH: 0		7	SAMPLE USAGE:	INV	↓
BOTTOM DEPTH: 0		8	SCREEN/PORT DESC:	NA	↓
FIELD MATRIX: S		R	EXCAVATED: YES <input checked="" type="radio"/> NO / NA		
COMPOSITE TYPE: NA			COMPOSITE TIME INTERVAL: NA		WATER FLOWING: YES <input checked="" type="radio"/> NO / NA
BOREHOLE: YES <input checked="" type="radio"/> NO / NA			BOREHOLE DECLINATION: NA		BOREHOLE DIRECTION: NA

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	regular	8260B	125 ML SEPTUM AMBER GLASS	Ice	yes	
1	↓	8270C	250 ML AMBER GLASS	Ice	↓	
1	↓	AM+GS+U+PU+TH+SR90	1 LITER POLY	None	↓	
2	↓	ASBESTOS	125 ML GLASS	Ice	↓	
1	↓	H3	500 ML POLY	Ice	↓	Add Tc-99
1	↓	METALS-GEL	125 ML POLY	Ice	↓	
1	↓	Perchlorate+CN+N03+pH	500 ML POLY	Ice	↓	
1	↓	RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	No	

SAMPLE DESC: gray ash flow tuff, loose, slightly moist

SAMPLE COMMENTS:

FR - RE21-11-594

LOCATION DESC:

WP location 155-34

FIELD SCREENING/MEASUREMENT RESULTS:

PiD $\frac{\text{Ambient Reading}}{\text{Reading}} = \text{ppm } 0$

Alpha = $\frac{0}{\text{dpm}}$
Beta/Gamma = $\frac{932}{\text{dpm}}$

COLLECTED BY (PRINT)

A. Furmall

REVIEWED BY (PRINT)

J. Branch

RELINQUISHED BY (Printed Name) Lourdes Cordova	Date/Time 3/31/11 8:55	RECEIVED BY (Printed Name) STEPHEN STEERWOOD	Date/Time 3/31/11 8:55
Lourdes Cordova		Stephen Steerwood	

SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3407

EVENT NAME: Delta Prime East - Bldg. 21-155 - SWMU 21-011(b)

SAMPLE ID: RE21-11-5841

WORK ORDER:

	<u>AS PLANNED</u>	<u>AS COLLECTED</u>	<u>AS PLANNED</u>	<u>AS COLLECTED</u>
DATE COLLECTED(MM/DD/YYYY):		03/30/2011	MEDIA: ALLH	QBT3
TIME COLLECTED (HH:MM)		14:35	SUB-MEDIA: SOIL	Tuff
PRS ID: 21-011(b)		OK	SAMPLE TECH CODE: HA	OK
LOCATION ID: 21-614009		↓	FIELD QC TYPE: NA	↓
LOCATION TYPE: <u>GENERIC</u>		↓	FIELD PREP: NA	↓
TOP DEPTH: 0		5	SAMPLE USAGE: <u>INV</u>	↓
BOTTOM DEPTH: 0		6	SCREEN/PORT DESC: NA	
FIELD MATRIX: S		R	EXCAVATED: YES/NO/NA	
COMPOSITE TYPE: NA			COMPOSITE TIME INTERVAL: NA	WATER FLOWING: YES/NO/NA
BOREHOLE: YES/NO/NA			BOREHOLE DECLINATION: NA	BOREHOLE DIRECTION: NA

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	regular	8260B	125 ML SEPTUM AMBER GLASS	Ice	YES	
1	↓	8270C	250 ML AMBER GLASS	Ice	↓	
1	↓	AM+GS+U+PU+TH+SR90	1 LITER POLY	None	↓	
2	↓	ASBESTOS	125 ML GLASS	Ice	↓	
1	↓	H3	500 ML POLY	Ice	↓	Add Tc-99
1	↓	METALS-GEL	125 ML POLY	Ice	↓	
1	↓	Perchlorate+CN+N03+pH	500 ML POLY	Ice	↓	
1	↓	RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	No	

SAMPLE DESC: gray/pink ash flow tuff, loose, slightly moist

SAMPLE COMMENTS: collected beneath base course at 5' bgs

LOCATION DESC: Wp location 155-37

FIELD SCREENING/MEASUREMENT RESULTS:
 Alpha = 31 dpm
 Beta/Gamma = 699 dpm

$$PID \frac{\text{Ambient Reading}}{\text{Reading}} = \text{ppm } 0$$

COLLECTED BY (PRINT) A. Furrnell REVIEWED BY (PRINT) J. Branch

RELINQUISHED BY (Printed Name) <u>Lourdes Cordova</u> <u>Lourdes Cordova</u>	Date/Time <u>3/31/11</u> <u>8:55</u>	RECEIVED BY (Printed Name) <u>[Signature]</u>	Date/Time <u>3/31/11</u> <u>8:55</u>
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SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3407

EVENT NAME: Delta Prime East - Bldg. 21-155 - SWMU 21-011(b)

SAMPLE ID: RE21-11-5842

WORK ORDER:

	<u>AS PLANNED</u>	<u>AS COLLECTED</u>	<u>AS PLANNED</u>	<u>AS COLLECTED</u>
DATE COLLECTED(MM/DD/YYYY):		03/30/2011	MEDIA: ALLH	QBT3
TIME COLLECTED (HH:MM)		15:19	SUB-MEDIA: SOIL	Tuff
PRS ID: 21-011(b)		OK	SAMPLE TECH CODE: HA	OK
LOCATION ID: 21-614009		↓	FIELD QC TYPE: NA	↓
LOCATION TYPE: <u>GENERIC</u>		↓	FIELD PREP: NA	↓
TOP DEPTH: 0		7	SAMPLE USAGE: <u>INV</u>	↓
BOTTOM DEPTH: 0		8	SCREEN/PORT DESC: NA	
FIELD MATRIX: S		R	EXCAVATED: YES/ <input checked="" type="radio"/> NO/NA	
COMPOSITE TYPE: NA			COMPOSITE TIME INTERVAL: NA	WATER FLOWING: YES/ <input checked="" type="radio"/> NO/NA
BOREHOLE: YES/ <input checked="" type="radio"/> NO/NA			BOREHOLE DECLINATION: NA	BOREHOLE DIRECTION: NA

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	regular	8260B	125 ML SEPTUM AMBER GLASS	Ice	YES	
1	↓	8270C	250 ML AMBER GLASS	Ice	↓	
1	↓	AM+GS+U+PU+TH+SR90	1 LITER POLY	None	↓	
2	↓	ASBESTOS	125 ML GLASS	Ice	↓	
1	↓	H3	500 ML POLY	Ice	↓	Add Tc-99
1	↓	METALS-GEL	125 ML POLY	Ice	↓	
1	↓	Perchlorate+CN+N03+pH	500 ML POLY	Ice	↓	
1	↓	RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	No	

SAMPLE DESC: gray/pink ash flow tuff, loose, slightly moist

SAMPLE COMMENTS: None
FD - RE21-11-5895

LOCATION DESC: WP location 155-37

FIELD SCREENING/MEASUREMENT RESULTS:

PiD $\frac{\text{Ambient Reading}}{\text{Reading}} = \text{ppm } \frac{0}{0}$

Alpha = 31 dpm
 Beta/Gamma = 932 dpm

COLLECTED BY (PRINT) A. Fumall

REVIEWED BY (PRINT) J. Branch

RELINQUISHED BY (Printed Name) <u>Lourdes Cordova</u> <u>Lourdes Cordova</u>	Date/Time <u>3/31/11</u> <u>8:55</u>	RECEIVED BY (Printed Name) <u>[Signature]</u>	Date/Time <u>3/31/11</u> <u>8:55</u>
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SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3407

EVENT NAME: Delta Prime East - Bldg. 21-155 - SWMU 21-011(b)

SAMPLE ID: RE21-11-5843

WORK ORDER:

	<u>AS PLANNED</u>	<u>AS COLLECTED</u>	<u>AS PLANNED</u>	<u>AS COLLECTED</u>
DATE COLLECTED(MM/DD/YYYY):		04/04/2011	MEDIA: ALLH	QBT3
TIME COLLECTED (HH:MM)		11:10	SUB-MEDIA: SOIL	Tuff
PRS ID: 21-011(b)		OK	SAMPLE TECH CODE: HA	OK
LOCATION ID: 21-614010		↓	FIELD QC TYPE: NA	↓
LOCATION TYPE: <u>GENERIC</u>		↓	FIELD PREP: NA	↓
TOP DEPTH: 0		5	SAMPLE USAGE: INV	↓
BOTTOM DEPTH: 0		6	SCREEN/PORT DESC: NA	↓
FIELD MATRIX: S		R	EXCAVATED: YES <input checked="" type="radio"/> / NA	
COMPOSITE TYPE: NA			COMPOSITE TIME INTERVAL: NA	WATER FLOWING: YES <input checked="" type="radio"/> / NA
BOREHOLE: YES <input checked="" type="radio"/> / NA			BOREHOLE DECLINATION: NA	BOREHOLE DIRECTION: NA

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	regular	8260B	125 ML SEPTUM AMBER GLASS	Ice	yes	
1	↓	8270C	250 ML AMBER GLASS	Ice	↓	
1	↓	AM+GS+U+PU+TH+SR90	1 LITER POLY	None	↓	
2	↓	ASBESTOS	125 ML GLASS	Ice	↓	
1	↓	H3	500 ML POLY	Ice	↓	Add Tc-99
1	↓	METALS-GEL	125 ML POLY	Ice	↓	
1	↓	Perchlorate+CN+N03+pH	500 ML POLY	Ice	↓	
1	↓	RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	No	

SAMPLE DESC: gray/pink ash flow tuff, loose with a few welded fragments, slightly moist

SAMPLE COMMENTS: collected beneath base course at 5' bgs

LOCATION DESC: WP location 155-38

FIELD SCREENING/MEASUREMENT RESULTS:

PiD $\frac{\text{Ambient Reading}}{\text{Reading}} = \text{ppm} \frac{0}{0}$

Alpha = 62 dpm
Beta/Gamma = 932 dpm

COLLECTED BY (PRINT) A. Furrnell

REVIEWED BY (PRINT) J. Branch

RELINQUISHED BY (Printed Name) Glenda S. Frael Glenda S Frael	Date/Time 4/5/2011 9:55am	RECEIVED BY (Printed Name) <i>[Signature]</i>	Date/Time 4/5/11 9:55
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SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3407

EVENT NAME: Delta Prime East - Bldg. 21-155 - SWMU 21-011(b)

SAMPLE ID: RE21-11-5844

WORK ORDER:

	<u>AS PLANNED</u>	<u>AS COLLECTED</u>	<u>AS PLANNED</u>	<u>AS COLLECTED</u>
DATE COLLECTED(MM/DD/YYYY):		04/04/2011	MEDIA: ALLH	QBT3
TIME COLLECTED (HH:MM)		11:34	SUB-MEDIA: SOIL	Tuff
PRS ID: 21-011(b)		OK	SAMPLE TECH CODE: HA	OK
LOCATION ID: 21-614010		↓	FIELD QC TYPE: NA	↓
LOCATION TYPE: <u>GENERIC</u>		↓	FIELD PREP: NA	↓
TOP DEPTH: 0		7	SAMPLE USAGE: INV	↓
BOTTOM DEPTH: 0		8	SCREEN/PORT DESC: NA	
FIELD MATRIX: S		R	EXCAVATED: YES/NO/NA	
COMPOSITE TYPE: NA			COMPOSITE TIME INTERVAL: NA	WATER FLOWING: YES/NO/NA
BOREHOLE: YES/NO/NA			BOREHOLE DECLINATION: NA	BOREHOLE DIRECTION: NA

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	regular	8260B	125 ML SEPTUM AMBER GLASS	Ice	YES	
1	↓	8270C	250 ML AMBER GLASS	Ice	↓	
1		AM+GS+U+PU+TH+SR90	1 LITER POLY	None		
2		ASBESTOS	125 ML GLASS	Ice		
1		H3	500 ML POLY	Ice		Add Tc-99
1		METALS-GEL	125 ML POLY	Ice		
1		Perchlorate+CN+N03+pH	500 ML POLY	Ice		↓
1		RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None		No

SAMPLE DESC: gray/pink ash flow tuff, loose with a few welded fragments, slightly moist

SAMPLE COMMENTS: None

LOCATION DESC: WP location 155-38

FIELD SCREENING/MEASUREMENT RESULTS:

PiD $\frac{\text{Ambient Reading}}{\text{Reading}} = \text{ppm } \frac{0}{0}$

Alpha = $\frac{15}{699} \text{ dpm}$
Beta/Gamma = $\frac{699}{699} \text{ dpm}$

COLLECTED BY (PRINT) A. Fumall

REVIEWED BY (PRINT) J. Branch

RELINQUISHED BY (Printed Name) <i>Glenda S. Fred</i> <i>Glenda S. Fred</i>	Date/Time 4/15/2011 9:55am	RECEIVED BY (Printed Name) <i>Miss Math</i> 	Date/Time 4/15/11 9:55
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SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3407

EVENT NAME: Delta Prime East - Bldg. 21-155 - SWMU 21-011(b)

SAMPLE ID: RE21-11-5845

WORK ORDER:

	<u>AS PLANNED</u>	<u>AS COLLECTED</u>		<u>AS PLANNED</u>	<u>AS COLLECTED</u>
DATE COLLECTED(MM/DD/YYYY):		03/28/2011	MEDIA:	ALLH	QBT3
TIME COLLECTED (HH:MM)		10:40	SUB-MEDIA:	SOIL	Tuff
PRS ID: 21-011(b)		OK	SAMPLE TECH CODE: HA		OK
LOCATION ID: 21-614011		↓	FIELD QC TYPE: NA		↓
LOCATION TYPE: <u>GENERIC</u>		↓	FIELD PREP: NA		↓
TOP DEPTH: 0		5	SAMPLE USAGE: <u>INV</u>		↓
BOTTOM DEPTH: 0		6	SCREEN/PORT DESC: NA		
FIELD MATRIX: S		<u>R</u>	EXCAVATED: YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> NA		
COMPOSITE TYPE: NA			COMPOSITE TIME INTERVAL: NA		WATER FLOWING: YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> NA
BOREHOLE: YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> NA			BOREHOLE DECLINATION: NA		BOREHOLE DIRECTION: NA

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	regular	8082+8270+ NMED-EXP	500 ML AMBER GLASS	Ice	yes	
1		8260B	125 ML SEPTUM AMBER GLASS	Ice	↓	
2		8290	125 ML GLASS	Ice		
1		AM+GS+U+PU+ TH+SR90	1 LITER POLY	None	↓	
2		ASBESTOS	125 ML GLASS	Ice		
1		H3	500 ML POLY	Ice		Add Tc-99
1		METALS-GEL	125 ML POLY	Ice		
1		Perchlorate+CN+ N03+pH	500 ML POLY	Ice	↓	
1		RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	No	

SAMPLE DESC: gray ash tuff, loose with welded fragments, ~~dry~~ AF 3/28/11 slightly moist

SAMPLE COMMENTS: collected beneath base course at 5' bgs

LOCATION DESC: WP location 155-28

FIELD SCREENING/MEASUREMENT RESULTS:

PID $\frac{\text{Ambient Reading}}{\text{Reading}} = \text{ppm } 0$

Alpha = 31 dpm
Beta/Gamma = 932 dpm

COLLECTED BY (PRINT) A. Ferrall

REVIEWED BY (PRINT) J. Branch

RELINQUISHED BY <u>Lourdes Cordova</u>	Date/Time <u>3/29/11</u> <u>955</u>	RECEIVED BY <u>Stella Sherwood</u>	Date/Time <u>3/29/11</u> <u>935</u>
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SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3407

EVENT NAME: Delta Prime East - Bldg. 21-155 - SWMU 21-011(b)

SAMPLE ID: RE21-11-5846

WORK ORDER:

	<u>AS PLANNED</u>	<u>AS COLLECTED</u>		<u>AS PLANNED</u>	<u>AS COLLECTED</u>
DATE COLLECTED(MM/DD/YYYY):		03/28/2011	MEDIA:	ALLH	Q3T3
TIME COLLECTED (HH:MM)		11:05	SUB-MEDIA:	SOIL	Tuff
PRS ID: 21-011(b)		OK	SAMPLE TECH CODE:	HA	OK
LOCATION ID: 21-614011		↓	FIELD QC TYPE:	NA	↓
LOCATION TYPE: <u>GENERIC</u>		↓	FIELD PREP:	NA	↓
TOP DEPTH: 0		7	SAMPLE USAGE:	INV	↓
BOTTOM DEPTH: 0		8	SCREEN/PORT DESC:	NA	
FIELD MATRIX: S		R	EXCAVATED: YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> NA		
COMPOSITE TYPE: <u>NA</u>			COMPOSITE TIME INTERVAL: <u>NA</u>		WATER FLOWING: YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> NA
BOREHOLE: YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> NA			BOREHOLE DECLINATION: <u>NA</u>		BOREHOLE DIRECTION: <u>NA</u>

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	regular	8082+8270+ NMED-EXP	500 ML AMBER GLASS	Ice	YES AF 3/28/11 regular	
1	↓	8260B	125 ML SEPTUM AMBER GLASS	Ice	yes	
2		8290	125 ML GLASS	Ice		
1		AM+GS+U+PU+ TH+SR90	1 LITER POLY	None		
2		ASBESTOS	125 ML GLASS	Ice		
1		H3	500 ML POLY	Ice		Add Tc-99
1		METALS-GEL	125 ML POLY	Ice		
1	↓	Perchlorate+CN+ N03+pH	500 ML POLY	Ice	↓	
1		RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	No	

SAMPLE DESC: gray ash tuff, loose, slightly moist

SAMPLE COMMENTS:

None

LOCATION DESC:

WP location 155-28

FIELD SCREENING/MEASUREMENT RESULTS:

PID $\frac{\text{Ambient Reading}}{\text{Reading}} = \text{ppm} \frac{0}{0}$

Alpha = 0 dpm
Beta/Gamma = 466 dpm

COLLECTED BY (PRINT) A. Furmell

REVIEWED BY (PRINT) J. Branch

RELINQUISHED BY
Lourdes Cordova
Lourdes Cordova
Date/Time
3/29/11
10:05

RECEIVED BY
[Signature]
Date/Time
3/29/11
10:05

SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3407

EVENT NAME: Delta Prime East - Bldg. 21-155 - SWMU 21-011(b)

SAMPLE ID: RE21-11-5847

WORK ORDER:

	AS PLANNED	AS COLLECTED	AS PLANNED	AS COLLECTED
DATE COLLECTED(MM/DD/YYYY):		03/28/2011	MEDIA: ALLH	QBT3
TIME COLLECTED (HH:MM)		14:55	SUB-MEDIA: SOIL	Tuff
PRS ID: 21-011(b)		OK	SAMPLE TECH CODE: HA	OK
LOCATION ID: 21-614012		↓	FIELD QC TYPE: NA	↓
LOCATION TYPE: GENERIC		↓	FIELD PREP: NA	↓
TOP DEPTH: 0		5	SAMPLE USAGE: INV	↓
BOTTOM DEPTH: 0		6	SCREEN/PORT DESC: NA	
FIELD MATRIX: S		R	EXCAVATED: YES/NO/NA	
COMPOSITE TYPE: NA			COMPOSITE TIME INTERVAL: NA	WATER FLOWING: YES/NO/NA
BOREHOLE: YES/NO/NA			BOREHOLE DECLINATION: NA	BOREHOLE DIRECTION: NA

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	regular	8082+8270+ NMED-EXP	500 ML AMBER GLASS	Ice	yes	
1	↓	8260B	125 ML SEPTUM AMBER GLASS	Ice	↓	
2		8290	125 ML GLASS	Ice		
1		AM+GS+U+PU+ TH+SR90	1 LITER POLY	None		
2		ASBESTOS	125 ML GLASS	Ice		
1		H3	500 ML POLY	Ice		Add Tc-99
1		METALS-GEL	125 ML POLY	Ice		
1	↓	Perchlorate+CN+ N03+pH	500 ML POLY	Ice	↓	
1		RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	No	

SAMPLE DESC: gray/maroon ash flow tuff, slightly moist, loose with a few welded fragments

SAMPLE COMMENTS: collected beneath base course at 5' bgs

LOCATION DESC: WP location 155-30 31 AF 3/28/11

FIELD SCREENING/MEASUREMENT RESULTS:

PID $\frac{\text{Ambient Reading}}{\text{Reading}} = \text{ppm} = \frac{0}{0}$

Alpha = $\frac{15}{699} \text{ dpm}$
Beta/Gamma = $\frac{699}{699} \text{ dpm}$

COLLECTED BY (PRINT) A. Fumall REVIEWED BY (PRINT) J. Branch

RELINQUISHED BY <u>Louise Cordova</u> <u>Louise Cordova</u>	Date/Time <u>3/29/11</u> <u>9:45</u>	RECEIVED BY <u>Michelle Martin</u> <u>[Signature]</u>	Date/Time <u>3/29/11</u> <u>9:45</u>
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SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3407

EVENT NAME: Delta Prime East - Bldg. 21-155 - SWMU 21-011(b)

SAMPLE ID: RE21-11-5848

WORK ORDER:

	<u>AS PLANNED</u>	<u>AS COLLECTED</u>		<u>AS PLANNED</u>	<u>AS COLLECTED</u>
DATE COLLECTED(MM/DD/YYYY):		03/28/2011	MEDIA:	ALLH	QBT3
TIME COLLECTED (HH:MM)		15:12	SUB-MEDIA:	SOIL	Tuff
PRS ID:	21-011(b)	OK	SAMPLE TECH CODE:	HA	OK
LOCATION ID:	21-614012	↓	FIELD QC TYPE:	NA	↓
LOCATION TYPE:	<u>GENERIC</u>	↓	FIELD PREP:	NA	↓
TOP DEPTH:	0	7	SAMPLE USAGE:	INV	↓
BOTTOM DEPTH:	0	8	SCREEN/PORT DESC:	NA	
FIELD MATRIX:	S	R	EXCAVATED: YES/NO/NA		
COMPOSITE TYPE:	NA		COMPOSITE TIME INTERVAL:	NA	WATER FLOWING: YES/NO/NA
BOREHOLE: YES/NO/NA	NO		BOREHOLE DECLINATION:	NA	BOREHOLE DIRECTION:
				NA	

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	regular	8082+8270+ NMED-EXP	500 ML AMBER GLASS	Ice	YES	
1	↓	8260B	125 ML SEPTUM AMBER GLASS	Ice	↓	
2		8290	125 ML GLASS	Ice		
1		AM+GS+U+PU+ TH+SR90	1 LITER POLY	None		
2		ASBESTOS	125 ML GLASS	Ice		
1		H3	500 ML POLY	Ice		Add Tc-99
1		METALS-GEL	125 ML POLY	Ice		
1	↓	Perchlorate+CN+ N03+pH	500 ML POLY	Ice	↓	
1		RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	No	

SAMPLE DESC: gray/pink ash flow tuff, loose with a few welded fragments, very slightly moist

SAMPLE COMMENTS: None

LOCATION DESC: WP location 155-31

FIELD SCREENING/MEASUREMENT RESULTS:

Alpha = 62 dpm
Beta/Gamma = 699 dpm

PID $\frac{\text{Ambien}^*}{\text{Reading}} = \text{ppm} \%$

COLLECTED BY (PRINT) A. Furrnell

REVIEWED BY (PRINT) J. Branch

RELINQUISHED BY <u>Louclis Cordwa</u>	Date/Time <u>3/29/11</u> <u>9:50</u>	RECEIVED BY <u>Sheila Sherwood</u>	Date/Time <u>3/29/11</u> <u>950</u>
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SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3407

EVENT NAME: Delta Prime East - Bldg. 21-155 - SWMU 21-011(b)

SAMPLE ID: RE21-11-5849

WORK ORDER:

	AS PLANNED	AS COLLECTED	AS PLANNED	AS COLLECTED
DATE COLLECTED(MM/DD/YYYY):		03/30/2011	MEDIA: ALLH	QBT3
TIME COLLECTED (HH:MM)		11:00	SUB-MEDIA: SOIL	Tuff
PRS ID: 21-011(b)		OK	SAMPLE TECH CODE: HA	OK
LOCATION ID: 21-614013		↓	FIELD QC TYPE: NA	↓
LOCATION TYPE: GENERIC		↓	FIELD PREP: NA	↓
TOP DEPTH: 0		5	SAMPLE USAGE: INV	↓
BOTTOM DEPTH: 0		6	SCREEN/PORT DESC: NA	
FIELD MATRIX: S		R	EXCAVATED: YES (NO) / NA	
COMPOSITE TYPE: NA			COMPOSITE TIME INTERVAL: NA	WATER FLOWING: YES (NO) / NA
BOREHOLE: YES (NO) / NA			BOREHOLE DECLINATION: NA	BOREHOLE DIRECTION: NA

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	regular	8082+8270+ NMED-EXP	500 ML AMBER GLASS	Ice	yes	
1	↓	8260B	125 ML SEPTUM AMBER GLASS	Ice	↓	
2	↓	8290	125 ML GLASS	Ice	↓	
1	↓	AM+GS+U+PU+ TH+SR90	1 LITER POLY	None	↓	
2	↓	ASBESTOS	125 ML GLASS	Ice	↓	
1	↓	H3	500 ML POLY	Ice	↓	Add Tc-99
1	↓	METALS-GEL	125 ML POLY	Ice	↓	
1	↓	Perchlorate+CN+ N03+pH	500 ML POLY	Ice	↓	
1	↓	RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	No	

SAMPLE DESC: gray/pink ash flow tuff, loose with a few welded fragments, slightly moist

SAMPLE COMMENTS: collected beneath base course at 5' bgs

LOCATION DESC: WP location 155-35

FIELD SCREENING/MEASUREMENT RESULTS:

Alpha = 46 dpm
Beta/Gamma = 699 dpm

PID $\frac{\text{Ambient Reading}}{\text{Reading}} = \text{ppm } 0$

COLLECTED BY (PRINT) A. Fumall

REVIEWED BY (PRINT) J. Branch

RELINQUISHED BY Loudes Cordova	Date/Time 3/31/11 8:55	RECEIVED BY Melissa Montoya	Date/Time 3/31/11
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SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3407

EVENT NAME: Delta Prime East - Bldg. 21-155 - SWMU 21-011(b)

SAMPLE ID: RE21-11-5850

WORK ORDER:

	<u>AS PLANNED</u>	<u>AS COLLECTED</u>	<u>AS PLANNED</u>	<u>AS COLLECTED</u>
DATE COLLECTED(MM/DD/YYYY):		03/30/2011	MEDIA: ALLH	QBT3
TIME COLLECTED (HH:MM)		11:25	SUB-MEDIA: SOIL	Tuff
PRS ID: 21-011(b)		OK	SAMPLE TECH CODE: HA	OK
LOCATION ID: 21-614013		↓	FIELD QC TYPE: NA	↓
LOCATION TYPE: <u>GENERIC</u>		↓	FIELD PREP: NA	↓
TOP DEPTH: 0		7	SAMPLE USAGE: <u>INV</u>	↓
BOTTOM DEPTH: 0		8	SCREEN/PORT DESC: NA	
FIELD MATRIX: S		R	EXCAVATED: YES <input checked="" type="radio"/> / NO	
COMPOSITE TYPE: NA			COMPOSITE TIME INTERVAL: NA	WATER FLOWING: YES <input checked="" type="radio"/> / NO
BOREHOLE: YES <input checked="" type="radio"/> / NO			BOREHOLE DECLINATION: NA	BOREHOLE DIRECTION: NA

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	regular	8082+8270+ NMED-EXP	500 ML AMBER GLASS	Ice	yes	
1		8260B	125 ML SEPTUM AMBER GLASS	Ice	↓	
2		8290	125 ML GLASS	Ice		
1		AM+GS+U+PU+ TH+SR90	1 LITER POLY	None		
2		ASBESTOS	125 ML GLASS	Ice		
1		H3	500 ML POLY	Ice		Add Tc-99
1		METALS-GEL	125 ML POLY	Ice		
1	↓	Perchlorate+CN+ N03+pH	500 ML POLY	Ice	↓	
1		RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	No	

SAMPLE DESC: gray/slightly pink ash flow tuff, loose, dry

SAMPLE COMMENTS:

None

LOCATION DESC:

WP location 155-35

FIELD SCREENING/MEASUREMENT RESULTS:

Alpha = 92 dpm
Beta/Gamma = 932 dpm

PTD $\frac{\text{Ambient Reading}}{\text{Reading}} = \text{ppm } \frac{0}{0}$

COLLECTED BY (PRINT) A. Furmell

REVIEWED BY (PRINT) J. Branch

RELINQUISHED BY <u>Lourdes Cordova</u> <u>Lourdes Cordova</u>	Date/Time <u>3/31/11</u> <u>8:55</u>	RECEIVED BY <u>Michelle Montoya</u> <u>[Signature]</u>	Date/Time <u>3/31/11</u> <u>8:55</u>
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SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3407

EVENT NAME: Delta Prime East - Bldg. 21-155 - SWMU 21-011(b)

SAMPLE ID: RE21-11-5851

WORK ORDER:

	<u>AS PLANNED</u>	<u>AS COLLECTED</u>		<u>AS PLANNED</u>	<u>AS COLLECTED</u>
DATE COLLECTED(MM/DD/YYYY):		03/30/2011	MEDIA:	ALLH	QBT3
TIME COLLECTED (HH:MM)		13:52	SUB-MEDIA:	SOIL	Tuff
PRS ID: 21-011(b)		OK	SAMPLE TECH CODE:	HA	OK
LOCATION ID: 21-614014		↓	FIELD QC TYPE:	NA	↓
LOCATION TYPE: <u>GENERIC</u>		↓	FIELD PREP:	NA	↓
TOP DEPTH: 0		5	SAMPLE USAGE:	INV	↓
BOTTOM DEPTH: 0		6	SCREEN/PORT DESC:	N/A	
FIELD MATRIX: S		R	EXCAVATED: YES/NO/NA		
COMPOSITE TYPE: NA			COMPOSITE TIME INTERVAL: NA		WATER FLOWING: YES <input checked="" type="checkbox"/> NO NA
BOREHOLE: YES <input checked="" type="checkbox"/> NA			BOREHOLE DECLINATION: NA		BOREHOLE DIRECTION: NA

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	regular	8082+8270+NMED-EXP	500 ML AMBER GLASS	Ice	Yes	
1	↓	8260B	125 ML SEPTUM AMBER GLASS	Ice	↓	
2		8290	125 ML GLASS	Ice		
1		AM+GS+U+PU+TH+SR90	1 LITER POLY	None		
2		ASBESTOS	125 ML GLASS	Ice		
1		H3	500 ML POLY	Ice		Add Tc-99
1		METALS-GEL	125 ML POLY	Ice		
1	↓	Perchlorate+CN+N03+pH	500 ML POLY	Ice	↓	
1		RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	No	

SAMPLE DESC: gray/pink ash flow tuff, loose with a few welded fragments, slightly moist

SAMPLE COMMENTS:
collected beneath base course at 5' bgs

LOCATION DESC:
WP location 155-36

FIELD SCREENING/MEASUREMENT RESULTS:

Alpha = 31 dpm
Beta/Gamma = 932 dpm

PID $\frac{\text{Ambient}}{\text{Reading}} = \text{ppm } 8$

COLLECTED BY (PRINT) A. Furmall REVIEWED BY (PRINT) J. Branch

RELINQUISHED BY <u>Louise Cordova</u>	Date/Time <u>3/31/11</u> <u>8:55</u>	RECEIVED BY <u>[Signature]</u>	Date/Time <u>3/31/11</u> <u>8:55</u>
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SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3407

EVENT NAME: Delta Prime East - Bldg. 21-155 - SWMU 21-011(b)

SAMPLE ID: RE21-11-5852

WORK ORDER:

	AS PLANNED	AS COLLECTED	AS PLANNED	AS COLLECTED
DATE COLLECTED(MM/DD/YYYY):		03/30/2011	MEDIA: ALLH	QBT3
TIME COLLECTED (HH:MM)		14:13	SUB-MEDIA: SOIL	Tuff
PRS ID: 21-011(b)		OK	SAMPLE TECH CODE: HA	012
LOCATION ID: 21-614014		↓	FIELD QC TYPE: NA	↓
LOCATION TYPE: <u>GENERIC</u>		↓	FIELD PREP: NA	↓
TOP DEPTH: 0		7	SAMPLE USAGE: INV	↓
BOTTOM DEPTH: 0		8	SCREEN/PORT DESC: NA	
FIELD MATRIX: S		R	EXCAVATED: YES/NO NA	
COMPOSITE TYPE: NA			COMPOSITE TIME INTERVAL: NA	WATER FLOWING: YES/NO NA
BOREHOLE: YES/NO NA			BOREHOLE DECLINATION: NA	BOREHOLE DIRECTION: NA

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	regular	8082+8270+ NMED-EXP	500 ML AMBER GLASS	Ice	yes	
1	↓	8260B	125 ML SEPTUM AMBER GLASS	Ice	↓	
2		8290	125 ML GLASS	Ice		
1		AM+GS+U+PU+ TH+SR90	1 LITER POLY	None	↓	
2		ASBESTOS	125 ML GLASS	Ice		
1		H3	500 ML POLY	Ice		Add Tc-99
1		METALS-GEL	125 ML POLY	Ice		
1	↓	Perchlorate+CN+ N03+pH	500 ML POLY	Ice	↓	
1		RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	No	

SAMPLE DESC: gray ash flow tuff, loose, slightly moist

SAMPLE COMMENTS:

None

LOCATION DESC:

WP location 155-36

FIELD SCREENING/MEASUREMENT RESULTS:

PID $\frac{\text{Ambient Reading}}{\text{Reading}} = \text{ppm} \frac{0}{0}$

Alpha = 15 dpm
Beta/Gamma = 932 dpm

COLLECTED BY (PRINT) A. Fumall

REVIEWED BY (PRINT) J. Branch

RELINQUISHED BY <u>Lourdos Cordova</u> Date/Time <u>3/31/11 8:55</u>	RECEIVED BY <u>Shawn Sherman</u> Date/Time <u>3/31/11 8:55</u>
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SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3407

EVENT NAME: Delta Prime East - Bldg. 21-155 - SWMU 21-011(b)

SAMPLE ID: RE21-11-5853

WORK ORDER:

	AS PLANNED	AS COLLECTED		AS PLANNED	AS COLLECTED
DATE COLLECTED(MM/DD/YYYY):		03/31/2011	MEDIA:	ALLH	QBT3
TIME COLLECTED (HH:MM)		12:50	SUB-MEDIA:	SOIL	Tuff
PRS ID:	21-011(b)	OK	SAMPLE TECH CODE:	HA	OK
LOCATION ID:	21-614015	↓	FIELD QC TYPE:	NA	↓
LOCATION TYPE:	GENERIC	↓	FIELD PREP:	NA	↓
TOP DEPTH:	0	12	SAMPLE USAGE:	INV	↓
BOTTOM DEPTH:	0	13	SCREEN/PORT DESC:	NA	
FIELD MATRIX:	S	R	EXCAVATED: YES (NO) / NA		
COMPOSITE TYPE:	NA		COMPOSITE TIME INTERVAL:	NA	WATER FLOWING: YES (NO) / NA
BOREHOLE: YES / (NO) NA			BOREHOLE DECLINATION:	NA	BOREHOLE DIRECTION: NA

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	regular	8082+8270+ NMED-EXP	500 ML AMBER GLASS	Ice	yes	
1	↓	8260B	125 ML SEPTUM AMBER GLASS	Ice	↓	
2		8290	125 ML GLASS	Ice		
1		AM+GS+U+PU+ TH+SR90	1 LITER POLY	None		
1		H3	500 ML POLY	Ice		Add Tc-99
1		METALS-GEL	125 ML POLY	Ice		
1	↓	Perchlorate+CN+ N03+pH	500 ML POLY	Ice	↓	
1		RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	No	

SAMPLE DESC: gray ash ^{ft} flow tuff, loose with a few welded fragments
 very slightly moist _{at 3/31/11}
 SAMPLE COMMENTS: FTB RE21-11-6631

None

LOCATION DESC: WP location 155-39

FIELD SCREENING/MEASUREMENT RESULTS:

Alpha = $\frac{0}{932}$ dpm
 Beta/Gamma = 932 dpm

TD $\frac{\text{Ambient Reading}}{\text{Reading}} = \text{ppm } \frac{0}{0}$

COLLECTED BY (PRINT) Ali Fumak

REVIEWED BY (PRINT) David Byers

RELINQUISHED BY (Printed Name) Lourdes Cordova <i>Lourdes Cordova</i>	Date/Time 4/1/11 2:48	RECEIVED BY (Printed Name) <i>Henry Sherwood</i> <i>Henry Sherwood</i>	Date/Time 4/1/11 2:48
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SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3407

EVENT NAME: Delta Prime East - Bldg. 21-155 - SWMU 21-011(b)

SAMPLE ID: RE21-11-5854

WORK ORDER:

	AS PLANNED	AS COLLECTED		AS PLANNED	AS COLLECTED
DATE COLLECTED(MM/DD/YYYY):		04/01/2011	MEDIA:	ALLH	QBT3
TIME COLLECTED (HH:MM)		09:22	SUB-MEDIA:	SOIL	Tuff
PRS ID: 21-011(b)		OK	SAMPLE TECH CODE: HA		OK
LOCATION ID: 21-614015		↓	FIELD QC TYPE: NA		↓
LOCATION TYPE: GENERIC		↓	FIELD PREP: NA		↓
TOP DEPTH: 0		16	SAMPLE USAGE: INV		↓
BOTTOM DEPTH: 0		17	SCREEN/PORT DESC: NA		
FIELD MATRIX: S		AF 4/1/11 + R	EXCAVATED: YES (NO) NA		
COMPOSITE TYPE: NA			COMPOSITE TIME INTERVAL: NA		WATER FLOWING: YES (NO) NA
BOREHOLE: YES (NO) NA			BOREHOLE DECLINATION: NA		BOREHOLE DIRECTION: NA

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	regular	8082+8270+ NMED-EXP	500 ML AMBER GLASS	Ice	yes	
1		8260B	125 ML SEPTUM AMBER GLASS	Ice		
2		8290	125 ML GLASS	Ice		
1		AM+GS+U+PU+ TH+SR90	1 LITER POLY	None		
1		H3	500 ML POLY	Ice		Add Tc-99
1		METALS-GEL	125 ML POLY	Ice		
1	↓	Perchlorate+CN+ N03+pH	500 ML POLY	Ice	↓	
1		RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	No	

SAMPLE DESC: gray ash flow tuff, loose, very slightly moist

SAMPLE COMMENTS: FTB - RE21-11 - 6632

LOCATION DESC: WP location 155-39

FIELD SCREENING/MEASUREMENT RESULTS:

Alpha = 0 dpm
Beta/Gamma = 466 dpm

PID $\frac{\text{Ambient Reading}}{\text{Reading}} = \text{ppm } \frac{0}{0}$

COLLECTED BY (PRINT) A. Furmall

REVIEWED BY (PRINT) Lourdes Cordara

RELINQUISHED BY (Printed Name) <u>Lourdes Cordara</u> <u>Lourdes Cordara</u>	Date/Time <u>4/1/11</u> <u>2:48</u>	RECEIVED BY (Printed Name) <u>Stacy Newwood</u> <u>Stacy Newwood</u>	Date/Time <u>4/1/11</u> <u>2:48</u>
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SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3407

EVENT NAME: Delta Prime East - Bldg. 21-155 - SWMU 21-011(b)

SAMPLE ID: RE21-11-5855

WORK ORDER:

	<u>AS PLANNED</u>	<u>AS COLLECTED</u>		<u>AS PLANNED</u>	<u>AS COLLECTED</u>
DATE COLLECTED(MM/DD/YYYY):		04/01/2011	MEDIA:	ALLH	QBT3
TIME COLLECTED (HH:MM)		10:12	SUB-MEDIA:	SOIL	Tuff
PRS ID:	21-011(b)	OK	SAMPLE TECH CODE:	HA	OK
LOCATION ID:	21-614015	↓	FIELD QC TYPE:	NA	↓
LOCATION TYPE:	GENERIC	↓	FIELD PREP:	NA	↓
TOP DEPTH:	0	21	SAMPLE USAGE:	INV	↓
BOTTOM DEPTH:	0	22	SCREEN/PORT DESC:	NA	
FIELD MATRIX:	S	R	EXCAVATED: YES/(NO) NA		
COMPOSITE TYPE:	NA		COMPOSITE TIME INTERVAL:	NA	WATER FLOWING: YES/(NO) NA
BOREHOLE: YES/(NO) NA			BOREHOLE DECLINATION:	NA	BOREHOLE DIRECTION: NA

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	regular	8082+8270+NMED-EXP	500 ML AMBER GLASS	Ice	YES	
1	↓	8260B	125 ML SEPTUM AMBER GLASS	Ice	↓	
2		8290	125 ML GLASS	Ice		
1		AM+GS+U+PU+TH+SR90	1 LITER POLY	None		
1		H3	500 ML POLY	Ice		Add Tc-99
1		METALS-GEL	125 ML POLY	Ice		
1	↓	Perchlorate+CN+N03+pH	500 ML POLY	Ice	↓	
1		RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	No	

SAMPLE DESC: gray ash flow tuff, loose, dry

SAMPLE COMMENTS: None FR - RE21-11-5915

LOCATION DESC: WP location 155-39

FIELD SCREENING/MEASUREMENT RESULTS:

Alpha = $\frac{0}{466}$ dpm
Beta/Gamma = $\frac{0}{466}$ dpm

PID $\frac{\text{Ambient Reading}}{0} = \text{ppm} \frac{0}{0}$

COLLECTED BY (PRINT) A. Fumall

REVIEWED BY (PRINT) S. Alanis

RELINQUISHED BY
(Printed Name) Lourdes Cordua Date/Time 4/1/11 2:50
Lourdes Cordua

RECEIVED BY
(Printed Name) Steph Stearwood Date/Time 4/1/11 2:50
Hein Neubird

SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3407

EVENT NAME: Delta Prime East - Bldg. 21-155 - SWMU 21-011(b)

SAMPLE ID: RE21-11-5865

WORK ORDER:

	<u>AS PLANNED</u>	<u>AS COLLECTED</u>	<u>AS PLANNED</u>	<u>AS COLLECTED</u>
DATE COLLECTED(MM/DD/YYYY):		04/05/2011	MEDIA: ALLH	QBT3
TIME COLLECTED (HH:MM)		10:48	SUB-MEDIA: SOIL	Tuff
PRS ID: 21-011(b)		OK	SAMPLE TECH CODE: HA	OK
LOCATION ID: 21-614020		↓	FIELD QC TYPE: NA	↓
LOCATION TYPE: <u>GENERIC</u>		↓	FIELD PREP: NA	↓
TOP DEPTH: 0		6	SAMPLE USAGE: INV	↓
BOTTOM DEPTH: 0		7	SCREEN/PORT DESC: NA	
FIELD MATRIX: S		R	EXCAVATED: YES/NO/NA	
COMPOSITE TYPE: NA			COMPOSITE TIME INTERVAL: NA	
			WATER FLOWING: YES/NO/NA	
BOREHOLE: YES/NO/NA			BOREHOLE DECLINATION: NA	
			BOREHOLE DIRECTION: NA	

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	regular	8260B	125 ML SEPTUM AMBER GLASS	Ice	yes	
1		8270C	250 ML AMBER GLASS	Ice	↓	
1		AM+GS+U+PU+TH+SR90	1 LITER POLY	None		
1		H3	500 ML POLY	Ice		Add Tc-99
1		METALS-GEL	125 ML POLY	Ice		
1	↓	Perchlorate+CN+N03+pH	500 ML POLY	Ice	↓	
1		RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	No	

SAMPLE DESC: gray ash flow tuff, loose with welded fragments, very slightly moist

SAMPLE COMMENTS:
None

FR- RE21-11-5917

LOCATION DESC:
WP location 155-46

FIELD SCREENING/MEASUREMENT RESULTS:

Alpha = 0 dpm
Beta/Gamma = 466 dpm

PID $\frac{\text{Ambient Reading}}{\text{Reading}} = \text{ppm } \frac{0}{0}$

COLLECTED BY (PRINT) A. Fumell

REVIEWED BY (PRINT) Daniel Byers

RELINQUISHED BY	Date/Time	RECEIVED BY	Date/Time
(Printed Name) Lourdes Cordova	4/6/11	(Printed Name) Sierra Snowwood	4/6/11
(Signature) Lourdes Cordova	10:00	(Signature) Sierra Snowwood	1000

SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3407

EVENT NAME: Delta Prime East - Bldg. 21-155 - SWMU 21-011(b)

SAMPLE ID: RE21-11-5867

WORK ORDER:

	<u>AS PLANNED</u>	<u>AS COLLECTED</u>	<u>AS PLANNED</u>	<u>AS COLLECTED</u>
DATE COLLECTED(MM/DD/YYYY):		<u>05/16/2011</u>	MEDIA: <u>ALLH</u>	<u>OK</u>
TIME COLLECTED (HH:MM)		<u>15:15</u>	SUB-MEDIA: <u>SOIL</u>	↓
PRS ID: <u>21-011(b)</u>		<u>OK</u>	SAMPLE TECH CODE: <u>HA</u>	↓
LOCATION ID: <u>21-614021</u>		↓	FIELD QC TYPE: <u>NA</u>	↓
LOCATION TYPE: <u>GENERIC</u>		↓	FIELD PREP: <u>NA</u>	↓
TOP DEPTH: <u>0</u>		<u>6</u>	SAMPLE USAGE: <u>INV</u>	↓
BOTTOM DEPTH: <u>0</u>		<u>7</u>	SCREEN/PORT DESC: <u>NA</u>	↓
FIELD MATRIX: <u>S</u>		<u>OK</u>	EXCAVATED: YES <input checked="" type="radio"/> NO <input type="radio"/> NA	↓
COMPOSITE TYPE: <u>NA</u>			COMPOSITE TIME INTERVAL: <u>NA</u>	
			WATER FLOWING: YES <input checked="" type="radio"/> NO <input type="radio"/> NA	
BOREHOLE: YES <input checked="" type="radio"/> NO <input type="radio"/> NA			BOREHOLE DECLINATION: <u>NA</u>	
			BOREHOLE DIRECTION: <u>NA</u>	

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	<u>regular</u>	8260B	125 ML SEPTUM AMBER GLASS	Ice	<u>yes</u>	
1	↓	8270C	250 ML AMBER GLASS	Ice	↓	
1	↓	AM+GS+U+PU+TH+SR90	1 LITER POLY	None	↓	
1	↓	H3	500 ML POLY	Ice	↓	Add Tc-99
1	↓	METALS-GEL	125 ML POLY	Ice	↓	
1	↓	Perchlorate+CN+N03+pH	500 ML POLY	Ice	↓	
1	↓	RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	<u>No</u>	

SAMPLE DESC: gray/brown sandy silt with pebbles, ash, and tuff fragments

SAMPLE COMMENTS:
None

LOCATION DESC:
WP location 155-40

FIELD SCREENING/MEASUREMENT RESULTS:

Alpha = 46 dpm
Beta/Gamma = 466 dpm

PID $\frac{\text{Ambient Reading}}{\text{Reading}} = \text{ppm } \frac{0}{0}$

COLLECTED BY (PRINT) A. Furmall REVIEWED BY (PRINT) J. Branch

RELINQUISHED BY (Printed Name) <u>Kim Oman</u> (Signature) <u>[Signature]</u>	Date/Time <u>5/17/11</u> <u>0920</u>	RECEIVED BY (Printed Name) <u>[Signature]</u> (Signature) <u>[Signature]</u>	Date/Time <u>5/17/11</u> <u>920</u>
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SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3407

EVENT NAME: Delta Prime East - Bldg. 21-155 - SWMU 21-011(b)

SAMPLE ID: RE21-11-5869

WORK ORDER:

	<u>AS PLANNED</u>	<u>AS COLLECTED</u>	<u>AS PLANNED</u>	<u>AS COLLECTED</u>
DATE COLLECTED(MM/DD/YYYY):		5/19/2011	MEDIA: ALLH	QBT3
TIME COLLECTED (HH:MM)		05/19/11 13:34 14:02	SUB-MEDIA: SOIL	TUFF
PRS ID: 21-011(b)		OK	SAMPLE TECH CODE: HA	OK
LOCATION ID: 21-614022		OK	FIELD QC TYPE: NA	↓
LOCATION TYPE: <u>GENERIC</u>		OK	FIELD PREP: NA	↓
TOP DEPTH: 0		05/19/11 6.7	SAMPLE USAGE: INV	↓
BOTTOM DEPTH: 0		05/19/11 7.8	SCREEN/PORT DESC: NA	↓
FIELD MATRIX: S		R	EXCAVATED: YES <input checked="" type="radio"/> NO / NA	
COMPOSITE TYPE: NA		COMPOSITE TIME INTERVAL: NA	WATER FLOWING: YES <input checked="" type="radio"/> NO / NA	
BOREHOLE: YES <input checked="" type="radio"/> NO / NA		BOREHOLE DECLINATION: NA	BOREHOLE DIRECTION: NA	

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	Regular	8260B	125 ML SEPTUM AMBER GLASS	Ice	Yes	
1	↓	8270C	250 ML AMBER GLASS	Ice	↓	
1	↓	AM+GS+U+PU+TH+SR90	1 LITER POLY	None	↓	
1	↓	H3	500 ML POLY	Ice	↓	Add Tc-99
1	↓	METALS-GEL	125 ML POLY	Ice	↓	
1	↓	Perchlorate+CN+N03+pH	500 ML POLY	Ice	↓	
1	NA	RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	No	

SAMPLE DESC: Gray ash tuff, slightly moist

SAMPLE COMMENTS: None 05/19/11
Collected beneath removed pipe

LOCATION DESC: WP Location 155-41

FIELD SCREENING/MEASUREMENT RESULTS:

PID $\frac{\text{Ambient Reading}}{\text{Reading}} = \text{ppm} \frac{0}{0}$

Alpha = 31 dpm
Beta/Gamma = 560 dpm

COLLECTED BY (PRINT) Glenda Fred

REVIEWED BY (PRINT) Kim Oman

RELINQUISHED BY (Printed Name) Lourdes Cordova (Signature) <i>Lourdes Cordova</i>	Date/Time 5/20/11 10:30	RECEIVED BY (Printed Name) Melissa Matz (Signature) <i>Melissa Matz</i>	Date/Time 5/20/11 11:30
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SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3407

EVENT NAME: Delta Prime East - Bldg. 21-155 - SWMU 21-011(b)

SAMPLE ID: RE21-11-5870

WORK ORDER:

	AS PLANNED	AS COLLECTED		AS PLANNED	AS COLLECTED
DATE COLLECTED(MM/DD/YYYY):		5/19/2011	MEDIA:	ALLH	QBT3
TIME COLLECTED (HH:MM)		14:10	SUB-MEDIA:	SOIL	TUFF
PRS ID:	21-011(b)	OK	SAMPLE TECH CODE:	HA	OK
LOCATION ID:	21-614023	OK	FIELD QC TYPE:	NA	↓
LOCATION TYPE:	GENERIC	OK	FIELD PREP:	NA	
TOP DEPTH:	0	6	SAMPLE USAGE:	INV	
BOTTOM DEPTH:	0	7	SCREEN/PORT DESC:	NA	
FIELD MATRIX:	S	R	EXCAVATED: YES <input checked="" type="radio"/> NO / NA		
COMPOSITE TYPE:	NA		COMPOSITE TIME INTERVAL:	NA	
BOREHOLE: YES <input checked="" type="radio"/> NO / NA	BOREHOLE DECLINATION: NA		BOREHOLE DIRECTION: NA		

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	Regular	8260B	125 ML SEPTUM AMBER GLASS	Ice	Yes	
1	↓	8270C	250 ML AMBER GLASS	Ice	↓	
1	↓	AM+GS+U+PU+TH+SR90	1 LITER POLY	None	↓	
1	↓	H3	500 ML POLY	Ice	↓	Add Tc-99
1	↓	METALS-GEL	125 ML POLY	Ice	↓	
1	↓	Perchlorate+CN+N03+pH	500 ML POLY	Ice	↓	
1	NA	RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	No	

SAMPLE DESC: *Gray ash tuff, slightly moist*

SAMPLE COMMENTS: *Collected immediately beneath removed pipe*

LOCATION DESC: *WP Location 155-42*

FIELD SCREENING/MEASUREMENT RESULTS:

PID $\frac{\text{Ambient Reading}}{\text{ppm}} = \text{ppm} \frac{0}{0}$

Alpha = $\frac{31}{\text{dpm}}$
Beta/Gamma = $\frac{420}{\text{dpm}}$

COLLECTED BY (PRINT) *Glenda S. Freal*

REVIEWED BY (PRINT) *Kim Oman*

RELINQUISHED BY (Printed Name) <i>Kim Oman</i> (Signature) <i>[Signature]</i>	Date/Time 5/20/11 1025	RECEIVED BY (Printed Name) <i>Melise Mathy</i> (Signature) <i>[Signature]</i>	Date/Time 5/20/11 1125
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SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3407

EVENT NAME: Delta Prime East - Bldg. 21-155 - SWMU 21-011(b)

SAMPLE ID: RE21-11-5871

WORK ORDER:

	AS PLANNED	AS COLLECTED		AS PLANNED	AS COLLECTED
DATE COLLECTED(MM/DD/YYYY):		5/19/2011	MEDIA:	ALLH	QBT3
TIME COLLECTED (HH:MM)		14:21	SUB-MEDIA:	SOIL	TUFF
PRS ID:	21-011(b)	OK	SAMPLE TECH CODE:	HA	OK
LOCATION ID:	21-614023	OK	FIELD QC TYPE:	NA	↓
LOCATION TYPE:	GENERIC	OK	FIELD PREP:	NA	
TOP DEPTH:	0	8	SAMPLE USAGE:	INV	
BOTTOM DEPTH:	0	9	SCREEN/PORT DESC:	NA	
FIELD MATRIX:	S	R	EXCAVATED: YES/NO/NA		
COMPOSITE TYPE:	NA		COMPOSITE TIME INTERVAL:	NA	
			WATER FLOWING: YES/NO/NA	NO/NA	
BOREHOLE: YES/NO/NA	NO/NA		BOREHOLE DECLINATION:	NA	
			BOREHOLE DIRECTION:	NA	

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	Regular	8260B	125 ML SEPTUM AMBER GLASS	Ice	Yes	
1	↓	8270C	250 ML AMBER GLASS	Ice	↓	
1	↓	AM+GS+U+PU+TH+SR90	1 LITER POLY	None	↓	
1	↓	H3	500 ML POLY	Ice	↓	Add Tc-99
1	↓	METALS-GEL	125 ML POLY	Ice	↓	
1	↓	Perchlorate+CN+N03+pH	500 ML POLY	Ice	↓	
1	NA	RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	No	

SAMPLE DESC: *Gray ash tuff, slightly moist*

SAMPLE COMMENTS: *None*

LOCATION DESC: *WP Location 155-42*

FIELD SCREENING/MEASUREMENT RESULTS:

$$PID \frac{\text{Ambient Reading}}{\text{Reading}} = \text{ppm} \frac{0}{0}$$

Alpha = 46 dpm
Beta/Gamma = 700 dpm

COLLECTED BY (PRINT) Glenda S Fred REVIEWED BY (PRINT) Kim Oman

RELINQUISHED BY (Printed Name) <u>Lourdes Cordwa</u> (Signature) <u>Lourdes Cordwa</u>	Date/Time <u>5/20/11</u> <u>10:30</u>	RECEIVED BY (Printed Name) <u>Melise M...</u> (Signature) <u>Melise M...</u>	Date/Time <u>5/20/11</u> <u>1:30</u>
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SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3407

EVENT NAME: Delta Prime East - Bldg. 21-155 - SWMU 21-011(b)

SAMPLE ID: RE21-11-5876

WORK ORDER:

	<u>AS PLANNED</u>	<u>AS COLLECTED</u>	<u>AS PLANNED</u>	<u>AS COLLECTED</u>
DATE COLLECTED(MM/DD/YYYY):		04/19/2011	MEDIA: ALLH	QBT3
TIME COLLECTED (HH:MM)		10:15	SUB-MEDIA: SOIL	Tuff
PRS ID: 21-011(b)		OK	SAMPLE TECH CODE: HA	OK
LOCATION ID: 21-614026		↓	FIELD QC TYPE: NA	↓
LOCATION TYPE: <u>GENERIC</u>		↓	FIELD PREP: NA	↓
TOP DEPTH: 0		5	SAMPLE USAGE: <u>INV</u>	↓
BOTTOM DEPTH: 0		6	SCREEN/PORT DESC: NA	
FIELD MATRIX: S		<u>R</u>	EXCAVATED: YES <input checked="" type="radio"/> NO <input type="radio"/> NA	
COMPOSITE TYPE: NA			COMPOSITE TIME INTERVAL: NA	WATER FLOWING: YES <input checked="" type="radio"/> NO <input type="radio"/> NA
BOREHOLE: YES <input checked="" type="radio"/> NO <input type="radio"/> NA			BOREHOLE DECLINATION: NA	BOREHOLE DIRECTION: NA

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	regular	AM+GS+U+PU+TH+SR90	1 LITER POLY	None	yes	
1	↓	H3	500 ML POLY	Ice	↓	Add Tc-99
1	↓	METALS-GEL	125 ML POLY	Ice	↓	
1	↓	Perchlorate+CN+N03+pH	500 ML POLY	Ice	↓	
1		RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	No	

SAMPLE DESC: gray ash flow tuff, loose with welded fragments slightly moist, some sandy silt

SAMPLE COMMENTS: collected beneath base course at 5' bgs FTB - RE21-11-6635

LOCATION DESC: WP location 155-50

FIELD SCREENING/MEASUREMENT RESULTS:

Alpha = $\frac{46}{466}$ dpm
Beta/Gamma = $\frac{46}{466}$ dpm

PID $\frac{\text{Ambient Reading}}{\text{Reading}} = \text{ppm} \frac{0}{0}$

COLLECTED BY (PRINT) A. Fumoll

REVIEWED BY (PRINT) J. Branch

RELINQUISHED BY (Printed Name) <u>Lourdes Cordova</u> (Signature) <u>Lourdes Cordova</u>	Date/Time <u>4/20/11</u> <u>10:47</u>	RECEIVED BY (Printed Name) <u>K. Greene</u> (Signature) <u>[Signature]</u>	Date/Time <u>4/20/11</u> <u>10:47</u>
RELINQUISHED BY (Printed Name) (Signature)	Date/Time	RECEIVED BY (Printed Name) (Signature)	Date/Time

SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3407

EVENT NAME: Delta Prime East - Bldg. 21-155 - SWMU 21-011(b)

SAMPLE ID: RE21-11-5877

WORK ORDER:

	AS PLANNED	AS COLLECTED		AS PLANNED	AS COLLECTED
DATE COLLECTED(MM/DD/YYYY):		4/19/2011	MEDIA:	ALLH	QBT3
TIME COLLECTED (HH:MM)		10:45	SUB-MEDIA:	SOIL	Tuff
PRS ID:	21-011(b)	OK	SAMPLE TECH CODE:	HA	OK
LOCATION ID:	21-614026	OK	FIELD QC TYPE:	NA	↓
LOCATION TYPE:	GENERIC	OK	FIELD PREP:	NA	
TOP DEPTH:	0	9	SAMPLE USAGE:	INV	
BOTTOM DEPTH:	0	10	SCREEN/PORT DESC:	NA	
FIELD MATRIX:	S	R	EXCAVATED: YES/NO	NA	
COMPOSITE TYPE:	NA		COMPOSITE TIME INTERVAL:	NA	WATER FLOWING: YES/NO/NA
BOREHOLE: YES/NO	NO		BOREHOLE DECLINATION:	NA	BOREHOLE DIRECTION: NA

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	Regular	AM+GS+U+PU+TH+SR90	1 LITER POLY	None	Y	
1	↓	H3	500 ML POLY	Ice	Y	Add Tc-99
1		METALS-GEL	125 ML POLY	Ice	Y	
1		Perchlorate+CN+N03+pH	500 ML POLY	Ice	Y	
1	NA	RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	N	

SAMPLE DESC: Gray ash tuff slightly moist

SAMPLE COMMENTS: FD RE21-11-5898

LOCATION DESC: WP location # 155-50

FIELD SCREENING/MEASUREMENT RESULTS:

Alpha = 15 dpm
Beta/Gamma = 699 dpm

$PID \frac{\text{Ambient Reading}}{\text{Reading}} = \text{ppm} \frac{0}{0}$

COLLECTED BY (PRINT) Glenda Fred REVIEWED BY (PRINT) J. Branch

RELINQUISHED BY	Date/Time	RECEIVED BY	Date/Time
(Printed Name) Lourdes Cordova	4/20/11	K. Green	4/20/11
(Signature) <i>Lourdes Cordova</i>	10:47	<i>[Signature]</i>	10:47
RELINQUISHED BY	Date/Time	RECEIVED BY	Date/Time
(Printed Name)		(Printed Name)	
(Signature)		(Signature)	

SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3407

EVENT NAME: Delta Prime East - Bldg. 21-155 - SWMU 21-011(b)

SAMPLE ID: RE21-11-5878

WORK ORDER:

	<u>AS PLANNED</u>	<u>AS COLLECTED</u>	<u>AS PLANNED</u>	<u>AS COLLECTED</u>
DATE COLLECTED(MM/DD/YYYY):		04/19/2011	MEDIA: <u>ALLH</u>	QBT3
TIME COLLECTED (HH:MM)		11:11	SUB-MEDIA: <u>SOIL</u>	TUFF
PRS ID: 21-011(b)		OK	SAMPLE TECH CODE: <u>HA</u>	OK
LOCATION ID: 21-614026		OK	FIELD QC TYPE: <u>NA</u>	↓
LOCATION TYPE: <u>GENERIC</u>		OK	FIELD PREP: <u>NA</u>	
TOP DEPTH: 0		14	SAMPLE USAGE: <u>INV</u>	
BOTTOM DEPTH: 0		15	SCREEN/PORT DESC: <u>NA</u>	
FIELD MATRIX: <u>S</u>		<u>R</u>	EXCAVATED: YES/ <input checked="" type="radio"/> NO/NA	
COMPOSITE TYPE: <u>NA</u>		COMPOSITE TIME INTERVAL: <u>NA</u>	WATER FLOWING: YES/ <input checked="" type="radio"/> NO/NA	
BOREHOLE: YES/ <input checked="" type="radio"/> NO/NA		BOREHOLE DECLINATION: <u>NA</u>	BOREHOLE DIRECTION: <u>NA</u>	

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	Regular	AM+GS+U+PU+TH+SR90	1 LITER POLY	None	Yes	
1	↓	H3	500 ML POLY	Ice	Yes	Add Tc-99
1		METALS-GEL	125 ML POLY	Ice	Yes	
1		Perchlorate+CN+N03+pH	500 ML POLY	Ice	Yes	
1	NA	RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	No	

SAMPLE DESC: Gray ash tuff slightly moist

SAMPLE COMMENTS: None 4/19/11 FR RE21-11-5918

LOCATION DESC: WP location 155-50

FIELD SCREENING/MEASUREMENT RESULTS: $PID \frac{\text{Ambient Reading}}{\text{}} = ppm \frac{0}{0}$ Alpha = 15 dpm Beta/Gamma = 699 dpm

COLLECTED BY (PRINT) Glenda S. Fred REVIEWED BY (PRINT) J. Branch

RELINQUISHED BY (Printed Name) <u>Lourdes Cordova</u> (Signature) <u>Lourdes Cordova</u>	Date/Time <u>4/20/11</u> <u>10:47</u>	RECEIVED BY (Printed Name) <u>K. Greene</u> (Signature) <u>[Signature]</u>	Date/Time <u>4/20/11</u> <u>10:47</u>
RELINQUISHED BY (Printed Name) (Signature)	Date/Time	RECEIVED BY (Printed Name) (Signature)	Date/Time

SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3481

EVENT NAME: DPSAA - East Building Footprints - BLDG 21-209 - SWMU 21-011(b)

SAMPLE ID: RE21-11-10213

WORK ORDER:

	<u>AS PLANNED</u>	<u>AS COLLECTED</u>	<u>AS PLANNED</u>	<u>AS COLLECTED</u>
DATE COLLECTED(MM/DD/YYYY):		5/17/2011	MEDIA: ALLH	OK
TIME COLLECTED (HH:MM)		11:31	SUB-MEDIA: SOIL	OK
PRS ID: 21-011(b)		OK	SAMPLE TECH CODE: HA	OK
LOCATION ID: 21-614370		OK	FIELD QC TYPE: NA	↓
LOCATION TYPE: GENERIC		OK	FIELD PREP: NA	
TOP DEPTH: 0		5	SAMPLE USAGE: INV	
BOTTOM DEPTH: 0		4	SCREEN/PORT DESC: NA	
FIELD MATRIX: S		OK	EXCAVATED: YES/NO/NA	
COMPOSITE TYPE: NA		COMPOSITE TIME INTERVAL: NA	WATER FLOWING: YES/NO/NA	
BOREHOLE: YES/NO/NA		BOREHOLE DECLINATION: NA	BOREHOLE DIRECTION: NA	

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS	
1	Regular	8260B	125 ML SEPTUM AMBER GLASS	Ice	Yes		
1	↓	8270C	250 ML AMBER GLASS	Ice	↓		
1		AM+GS+U+PU+TH+SR90	1 LITER POLY	None			
2		ASBESTOS	125 ML GLASS	Ice			
1		H3	500 ML POLY	Ice			+ Tc-99
1		METALS-GEL	125 ML POLY	Ice			
1		Perchlorate+CN+N03+pH	500 ML POLY	Ice			
1	NA	RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	No		

SAMPLE DESC: *Brown silty soil, slightly moist*

SAMPLE COMMENTS: *None*

LOCATION DESC: *WP Location 209-1*

FIELD SCREENING/MEASUREMENT RESULTS: $PID \frac{\text{Ambient Reading}}{\text{}} = \text{ppm } 0$ Alpha = $\frac{0}{\text{}} \text{ dpm}$
Beta/Gamma = 446 dpm

COLLECTED BY (PRINT) *Glenda S. Fred* REVIEWED BY (PRINT) *A. Furnall*

RELINQUISHED BY (Printed Name) <i>Jim Oman</i> <i>J.A. Oman</i>	Date/Time <i>5/18/11</i> <i>10:30</i>	RECEIVED BY (Printed Name) <i>K. Sweet</i> <i>[Signature]</i>	Date/Time <i>5/18/11</i> <i>10:30</i>
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SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3481

EVENT NAME: DPSAA - East Building Footprints - BLDG 21-209 - SWMU 21-011(b)

SAMPLE ID: RE21-11-10216

WORK ORDER:

	AS PLANNED	AS COLLECTED		AS PLANNED	AS COLLECTED
DATE COLLECTED(MM/DD/YYYY):		05/16/2011	MEDIA:	ALLH	OK
TIME COLLECTED (HH:MM)		10:20	SUB-MEDIA:	SOIL	
PRS ID:	21-011(b)	OK	SAMPLE TECH CODE:	HA	
LOCATION ID:	21-614372	↓	FIELD QC TYPE:	NA	
LOCATION TYPE:	GENERIC	↓	FIELD PREP:	NA	↓
TOP DEPTH:	0	5	SAMPLE USAGE:	INV	↓
BOTTOM DEPTH:	0	6	SCREEN/PORT DESC:	NA	
FIELD MATRIX:	S	OK	EXCAVATED: YES/NO/NA	NA	
COMPOSITE TYPE:	NA		COMPOSITE TIME INTERVAL:	NA	WATER FLOWING: YES/NO/NA
BOREHOLE: YES/NO/NA	NO		BOREHOLE DECLINATION:	NA	BOREHOLE DIRECTION: NA

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	regular	AM+GS+U+PU+TH+SR90	1 LITER POLY	None	YES	
1	↓	H3	500 ML POLY	Ice	↓	+ Tc-99
1	↓	METALS-GEL	125 ML POLY	Ice	↓	
1	↓	Perchlorate+CN+N03+pH	500 ML POLY	Ice	↓	
1		RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	No	

SAMPLE DESC: gray/brown sandy silt with cobbles

SAMPLE COMMENTS: ~~FTB RE21-11-10228~~ AF 5/12/11
FTB RE21-11-10228

LOCATION DESC: WP location 209-12

FIELD SCREENING/MEASUREMENT RESULTS:

Alpha = 0 dpm
Beta/Gamma = 466 dpm

PID $\frac{\text{Ambient Reading}}{\text{Reading}} = \text{ppm } \frac{0}{0}$

COLLECTED BY (PRINT) A. Fumall REVIEWED BY (PRINT) J. Branch

RELINQUISHED BY (Printed Name) <u>Kim Oman</u> (Signature) <u>[Signature]</u>	Date/Time <u>5/17/11</u> <u>0920</u>	RECEIVED BY (Printed Name) <u>Melise Marty</u> (Signature) <u>[Signature]</u>	Date/Time <u>5/17/11</u> <u>920</u>
RELINQUISHED BY (Printed Name) (Signature)	Date/Time	RECEIVED BY (Printed Name) (Signature)	Date/Time

SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3481

EVENT NAME: DPSAA - East Building Footprints - BLDG 21-209 - SWMU 21-011(b)

SAMPLE ID: RE21-11-10217

WORK ORDER:

	<u>AS PLANNED</u>	<u>AS COLLECTED</u>	<u>AS PLANNED</u>	<u>AS COLLECTED</u>
DATE COLLECTED(MM/DD/YYYY):		05/16/2011	MEDIA: ALLH	GBT3
TIME COLLECTED (HH:MM)		10:46	SUB-MEDIA: SOIL	Tuff
PRS ID: 21-011(b)		OK	SAMPLE TECH CODE: HA	OK
LOCATION ID: 21-61472		↓	FIELD QC TYPE: NA	↓
LOCATION TYPE: GENERIC		↓	FIELD PREP: NA	↓
TOP DEPTH: 0		9	SAMPLE USAGE: INV	↓
BOTTOM DEPTH: 0		10	SCREEN/PORT DESC: NA	
FIELD MATRIX: S		R	EXCAVATED: YES <input checked="" type="radio"/> NO <input type="radio"/> NA	
COMPOSITE TYPE: NA		COMPOSITE TIME INTERVAL: NA	WATER FLOWING: YES <input checked="" type="radio"/> NO <input type="radio"/> NA	
BOREHOLE: YES <input checked="" type="radio"/> NO <input type="radio"/> NA		BOREHOLE DECLINATION: NA	BOREHOLE DIRECTION: NA	

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	regular	AM+GS+U+PU+TH+SR90	1 LITER POLY	None	yes	
1	↓	H3	500 ML POLY	Ice	↓	+ Tc-99
1	↓	METALS-GEL	125 ML POLY	Ice	↓	
1	↓	Perchlorate+CN+N03+pH	500 ML POLY	Ice	↓	
1		RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	No	

SAMPLE DESC: gray ash tuff, loose, very slightly moist

SAMPLE COMMENTS: AF 5/16/11
FD - RE21-11-~~10217~~ 10226

LOCATION DESC: WP location 209-12

FIELD SCREENING/MEASUREMENT RESULTS:

Alpha = $\frac{31}{699}$ dpm
Beta/Gamma = 699 dpm

PID $\frac{\text{Ambient Reading}}{\text{Reading}} = \text{ppm } \frac{0}{0}$

COLLECTED BY (PRINT) A. Fernald

REVIEWED BY (PRINT) J. Branch

RELINQUISHED BY (Printed Name) Kim Oman	Date/Time 5/17/11	RECEIVED BY (Printed Name) Melissa Maty	Date/Time 5/17/11
(Signature) <i>[Signature]</i>	0920	(Signature) <i>[Signature]</i>	920
RELINQUISHED BY (Printed Name)	Date/Time	RECEIVED BY (Printed Name)	Date/Time
(Signature)		(Signature)	

SAMPLE COLLECTION LOG/FIELD CHAIN OF CUSTODY

EVENT ID: 3481

EVENT NAME: DPSAA - East Building Footprints - BLDG 21-209 - SWMU 21-011(b)

SAMPLE ID: RE21-11-10218

WORK ORDER:

	AS PLANNED	AS COLLECTED	AS PLANNED	AS COLLECTED
DATE COLLECTED(MM/DD/YYYY):		05/16/2011	MEDIA: ALLH	QBT3
TIME COLLECTED (HH:MM)		14:05	SUB-MEDIA: SOIL	Tuff
PRS ID: 21-011(b)		OK	SAMPLE TECH CODE: HA	OK
LOCATION ID: 21-614372		↓	FIELD QC TYPE: NA	↓
LOCATION TYPE: GENERIC		↓	FIELD PREP: NA	↓
TOP DEPTH: 0		14	SAMPLE USAGE: INV	↓
BOTTOM DEPTH: 0		15	SCREEN/PORT DESC: NA	
FIELD MATRIX: S		R	EXCAVATED: YES <input checked="" type="radio"/> NO <input type="radio"/> NA	
COMPOSITE TYPE: NA			COMPOSITE TIME INTERVAL: NA	WATER FLOWING: YES <input checked="" type="radio"/> NO <input type="radio"/> NA
BOREHOLE: YES <input checked="" type="radio"/> NO <input type="radio"/> NA			BOREHOLE DECLINATION: NA	BOREHOLE DIRECTION: NA

#	PRIORITY	ORDER	CNTNR	PRESERVATIVE	COLLECTED Y/N	SPECIAL INSTRUCTIONS
1	regular	AM+GS+U+PU+TH+SR90	1 LITER POLY	None	yes	
1	↓	H3	500 ML POLY	Ice	↓	+ Tc-99
1	↓	METALS-GEL	125 ML POLY	Ice	↓	
1	↓	Perchlorate+CN+N03+pH	500 ML POLY	Ice	↓	
1		RADVANA+B+G	1 EA 8 IN RESEALABLE POLY BAG	None	No	

SAMPLE DESC: gray ash tuff, slightly indurated

SAMPLE COMMENTS:

None

FR - RE21-11-10232

LOCATION DESC:

WP location 209-12

FIELD SCREENING/MEASUREMENT RESULTS:

Alpha = 15 dpm
Beta/Gamma = 699 dpm

PID $\frac{\text{Ambient Reading}}{\text{Reading}} = \text{ppm } 0$

COLLECTED BY (PRINT)

A. Furmell

REVIEWED BY (PRINT)

J. Branch

RELINQUISHED BY (Printed Name) Lourdes Cordwa	Date/Time 5/17/11	RECEIVED BY (Printed Name) M. Lisa Muth	Date/Time 5/17/11
(Signature) Lourdes Cordwa	9:21	(Signature)	9:21
RELINQUISHED BY (Printed Name)	Date/Time	RECEIVED BY (Printed Name)	Date/Time
(Signature)		(Signature)	