Volume 1A

Final Remedial Investigation/Feasibility
Study Work Plan & Associated Documents

Crab Orchard National Wildlife Refuge, Marion, IL

Additional and Uncharacterized Sites

RI/FS Work Plan

Appendices

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GENERAL DYNAMICS
Ordnance and Tactical Systems

Name *Building_B-2-1*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-2B_B-2-1	Existing Buildin	tetryl	1/1/1942	1/1/1945	SWDC/War Dept	Tetryl booster pellets assembly, packing and shipping building (10 presses)
BDG-2B_B-2-1	Existing Buildin	phosphate, alkaline solution, sulfite, ammonium, zeolite, salt brine, trichloroethane,	1/1/1968	1/1/1997	Olin	Building housed machining operations and a quality assurance laboratory in 1975. Light Antitank Weapon production also took place in this building. Possible heavy metal contamination could have occurred through a boiler present in the facility. A trichloroethane vapor degreaser was noted at the southern end of the building.
BDG-2B_B-2-1	Existing Buildin		1/1/1997	1/1/2001	Primex	Cold storage
BDG-2B_B-2-1	Existing Buildin		1/1/2001	10/1/2003	GDO and TS	Unknown
BDG-2B_B-2-1	Existing Buildin	pentaerythritol tetranitrate	1/1/1952	1/1/1963	UMC	Loading of pentaerythritol tetranitrate (PETN) in various devices

Name *Building_B-2-10*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-2B_B-2-10	Building		1/1/1949	1/1/1956	USFWS	Office space for USFWS, also grain storage in 1949
BDG-2B_B-2-10	Building		1/1/2001	10/1/2003	GDO and TS	Unknown
BDG-2B_B-2-10	Building		1/1/1997	1/1/2001	Primex	Cold Storage
BDG-2B_B-2-10	Building		1/1/1942	1/1/1945	SWDC/War Dept	Change house, wash waters from this building may have contained explosives/organic solvent residues. Water from this building either drained into the sewer system or into drainage ditches that were located nearby.
BDG-2B_B-2-10	Building		1/1/1956	1/1/1963	UMC	UMC burned scraps from explosives on concrete pad behind B-2-10
BDG-2B_B-2-10	Building		1/1/1963	1/1/1997	Olin	Administration building

Name *Building_B-2-11*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-2B_B-2-11	Building		1/1/1942	1/1/1945	SWDC/War Dept	Timekeepers building
BDG-2B_B-2-11	Building		1/1/1949	1/1/1953	E-Bee Business Systems So.	Manufacturing office supplies, building was razed in 1982.

Name *Building_B-2-13*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-2B_B-2-13	Building		1/1/2001	10/1/2003	GDO and TS	Unknown
BDG-2B_B-2-13	Building		1/1/1942	1/1/1945	SWDC/War Dept	Central test facility, the southernmost portion of the building contained a Detonator Test-Sensitivity Test Room, a Detonator and Booster Preparation Room, and a Chronograph Test & Specific Gravity Test Room. The northernmost portion of the Building (the T-shaped portion) contained a Disassembly Room, a Jolt & Jumble Preparation Room (in the center of the T-shape), and six Jolt and Jumble Rooms.
BDG-2B_B-2-13	Building	ammonium nitrate, guanadine nitrate, hexane, OMAX propellant, ammonium oxalate, N-28 propellant	1/1/1963	1/1/1997	Olin	In 1977, Olin stored ammonium nitrate, guanidine nitrate, and hexane in Building B-2-13. At the time, Olin planned to remove the 50 gallon mixer from the building and install a new mixer 130 feet from the building. Hexane was stored in a 500 gallon container behind B-2-13, it was still in use in 1999. Olin also made various ammonium nitrate propellants such as OMAX here. In 1985, Olin reported 44,000 pounds of ammonium nitrate unloaded at B-2-13. This building is actually located closer to area 2D and is sometimes listed in area 2D. In 1984, Bay A of B-2-13 contained a 200 gallon mixer for gas generator propellant. Bay B was used for raw material preparation of ammonium nitrate, ammonium oxalate, and guanidine nitrate. Bay B had three floor drains (later closed in 1985) that received water from ammonium nitrate dust. In Bay C, N-28 propellant was sent through a knife mill for granulation. Propellants for Trident 1A, 2A, Minuteman, and MX were stored here; in 1985, Olin likely housed up to 26,000 pounds of explosives and 20,000 pounds of oxidizers. Every friday, the mixers were washed down and water was allowed to flow out the door to the ground surface. In January 1986, the ground was regraded to allow water to drain away from the building. In May 1987, scrap explosive waste was staged near the loading dock area.
BDG-2B_B-2-13	Building		1/1/1997	1/1/2001	Primex	Leased Building B-2-13 from 1997 to 2001 for manufacturing purposes also area where hazardous wastes were accumulated for less than 90 days.

Name *Building_B-2-18*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-2B_B-2-18	Building		1/1/2001	10/1/2003	GDO and TS	Unknown
BDG-2B_B-2-18	Building		1/1/1997	1/1/2001	Primex	Cold storage
BDG-2B_B-2-18	Building	HEDP	1/1/1963	1/1/1997	Olin	Building B-2-18 was reportedly used for storage of scrap HEDPs [High Explosive Detonation Product]. In 1984, this building contained a drench coil unit that dehumidified Bay A of Building B-2-13, which contained a 200-gallon mixer for gas generator propellants. In 1985, this building was located on the western perimeter road in Area 2B. By 1986, it was located adjacent to Building B-2-13.

Name *Building_B-2-19*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-2B_B-2-19	Building		1/1/2001	10/1/2003	GDO and TS	Unknown
BDG-2B_B-2-19	Building		1/1/1997	1/1/2001	Primex	Cold storage
BDG-2B_B-2-19	Building	explosives	1/1/1963	1/1/1997	Olin	Used for propellant storage, in 1985, up to 100,000 pounds of exlosives were likely housed in B-2-19.

Name *Building_B-2-2*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-2B_B-2-2	Existing Buildin	explosives	1/1/1963	1/1/1970	CTI	Likely storage/handling of explosives (explosion in 1968 destroyed the building and killed one person)
BDG-2B_B-2-2	Existing Buildin	pentaerythritol tetranitrate	1/1/1952	1/1/1963	UMC	Loading of pentaerythritol tetranitrate (PETN) in various devices
BDG-2B_B-2-2	Existing Buildin		1/1/1970	1/1/1997	Olin	Inert storage warehouse in 1975, propellant/explosives storage in 1985 to 1988, approximately
BDG-2B_B-2-2	Existing Buildin		1/1/1997	1/1/2001	Primex	Cold storage
BDG-2B_B-2-2	Existing Buildin	tetryl	1/1/1942	1/1/1945	SWDC/War Dept	Tetryl booster pellets assembly, packing and shipping building (2 presses)
BDG-2B_B-2-2	Existing Buildin		1/1/2001	10/1/2003	GDO and TS	Unknown

Name *Building_B-2-20*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-2B_B-2-20	Building		1/1/2001	10/1/2003	GDO and TS	Unknown
BDG-2B_B-2-20	Building		1/1/1997	1/1/2001	Primex	Unspecified manufacturing
BDG-2B_B-2-20	Building	HE/HEI pellets	1/1/1963	1/1/1997	Olin	Olin began using Building B-2-20 in 1983 and called it a Rework Building. Later, Olin used B-2-20 as a "Spin Test Building". In 1985, this building was located on the pad of former Building B-2-6 and was noted as the Supervisor Granulator Building. It housed HE/HEI pellets. It is currently located on the foundation of former IOP Building B-2-5.

Name *Building_B-2-20N*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-2B_B-2-20N	Building		1/1/2001	10/1/2003	GDO and TS	Building B-2-20N is a smaller building that was built on a portion of the foundation of Building B-2-6 sometime after 1980. No other information was found.

Name *Building_B-2-21*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-2B_B-2-21	Building		1/1/1963	1/1/1997	Olin	Olin used Building B-2-21 as an Inert Control Room (also called a Control Building). Olin's use of this building began in 1983. In 1985, this building was located on the pad of former IOP Building B-2-5. Later, another building, B-2-20 was located on the pad of former IOP Building B-2-5. It is unknown where Building B-2-21 is currently located.
BDG-2B_B-2-21	Building		1/1/2001	10/1/2003	GDO and TS	Unknown
BDG-2B_B-2-21	Building		1/1/1997	1/1/2001	Primex	Unspecified manufacturing

Crab Orchard Building Summary *Area: 2B*

Name *Building_B-2-22*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-2B_B-2-22	Building		1/1/2001	10/1/2003	GDO and TS	Unknown
BDG-2B_B-2-22	Building		1/1/1963	1/1/1997	Olin	The current location of B-2-22 was not determined; however, in 1985, it was located adjacent to Building B-2-13. According to an Olin building usage document, Olin began using B-2-22 as humidity control building in 1983.
BDG-2B_B-2-22	Building		1/1/1997	1/1/2001	Primex	Either a ramp, hallway, utility room, or boiler room, not manufacturing or cold storage

Name *Building_B-2-23*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-2B_B-2-23	Building		1/1/2001	10/1/2003	GDO and TS	Unknown
BDG-2B_B-2-23	Building		1/1/1963	1/1/1997	Olin	Located adjacent to B-2-22. The current location of B-2-23 was not determined; however, in 1985, it was located adjacent to Building B-2-13. According to an Olin building usage document, Olin began using B-2-23 as humidity control building in 1983.
BDG-2B_B-2-23	Building		1/1/1997	1/1/2001	Primex	Either a ramp, hallway, utility room, or boiler room, not manufacturing or cold storage

Name *Building_B-2-25*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-2B_B-2-25	Building	chemicals	1/1/1997	1/1/1997	Primex	Located north of Olin B-2-14, used by Primex for hazardous wastes accumulation for less than 90 days.

Name *Building_B-2-26*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-2B_B-2-26	Building	chemicals	1/1/1997	1/1/1997	Primex	Located north of Olin B-2-14, used by Primex for hazardous wastes accumulation for less than 90 days.

Name *Building_B-2-27*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-2B_B-2-27	Building		1/1/2001	10/1/2003	GDO and TS	Unknown
BDG-2B_B-2-27	Building		1/1/1997	1/1/2001	Primex	Located soutwest of Olin B-2-14, appeared on site after 1993. Primex used it for cold storage.

Name *Building_B-2-5*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-2B_B-2-5	Razed Building	tetryl	1/1/1942	1/1/1945	SWDC/War Dept	Tetryl pellet rest house, 3 resting rooms
BDG-2B_B-2-5	Razed Building	magnesium, teflon, black powder, fuel oil,	1/1/1963	1/1/1982	Olin	Building used for materials storage, as a testing laboratory, and for the production of magnesium-teflon flares. The production of magnesium-teflon flares resulted in teflon and magnesium contamination in the building. The building also contained equipment used in propellant production that was contaminated with nitroglycerin, nitrocellulose, ammonium perchlorate, and other pyrotechnic components. The building was burned on April 21, 1982 using black powder and possibly fuel oil.

Name *Building_B-2-6*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-2B_B-2-6	Razed Building	tetryl, barytol, TNT, pentaerythritol tetranitrate	1/1/1952	1/1/1963	UMC	Loading of large explosives containing TNT, barytol, and tetryl, also performed tetryl pelleting. Used melting/casting on barytol (barium nitrate/TNT mixture). Loading of pentaerythritol tetranitrate in various devices.
BDG-2B_B-2-6	Razed Building	tetryl	1/1/1942	1/1/1945	SWDC/War Dept	Tetryl pellet pressing building with five pellet and press areas with concrete walls for explosion control.
BDG-2B_B-2-6	Razed Building	explosives	1/1/1963	1/1/1970	CTI	Likely handling/manufacturing of explosives. Reported explosion in 1968 killed one person and destroyed part of the building.

Name *Building_B-2-7*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-2B_B-2-7	Razed Building	tetryl	1/1/1942	1/1/1945	SWDC/War Dept	Blended tetryl resting house, the tetryl came to this building after being blended in B-2-8. Building was apparently razed around 1980 or later.

Name *Building_B-2-8*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-2B_B-2-8	Razed Building	Composition B, TNT, RDX, magnesium, teflon	1/1/1960	4/13/1982	Olin	From 1960 top 1963, Olin manufactured products with Composition B (40% TNT, 60% RDX, royal demolition explosive). From 1963 to 1971, they manufactured magnesium-teflon flares. The building was then contaminated with magnesium, teflon, TNT, RDX, and Composition B. Use unknown after 1971. The building and contents were burned on April 13, 1982 using black powder and fuel oil.
BDG-2B_B-2-8	Razed Building	tetryl, booster components	1/1/1942	1/1/1945	SWDC/War Dept	Tetryl screening and blending building

Name *IOP_Building_B-2-12*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-2B_B-2-12	Building		1/1/1942	1/1/1945	SWDC/War Dept	Boiler house for area 2B, containing two coal-fired boilers, with blow-down basin located north of building. Building was razed before 1960, but between 1960 and 1965 an AST was constructed in this area with a surrounding berm. It was reported that the AST contained fuel.

Name *IOP_Building_B-2-14*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-2B_B-2-14	Building	hexane	1/1/1963	1/1/1997	Olin	Razed prior to 1960. After 1960, was listed as open storage area, and between 1960 and 1965, a partially contained hexane above ground storage tank.
BDG-2B_B-2-14	Building		1/1/1942	1/1/1945	SWDC/War Dept	Fragmentation test building for IOP, razed prior to 1960.

Name *IOP_Building_B-2-15*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-2B_B-2-15	Building		1/1/1942	1/1/1945	SWDC/War Dept	Pump House that was associated with Building B-2-6 (Tetryl Pelleting Bldg), razed before 1971.

Name *IOP_Building_B-2-16*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-2B_B-2-16	Building		1/1/1942	1/1/1945	SWDC/War Dept	Building B-2-16 was the tetryl screen and control room for screening and mixing operations in adjacent Building B-2-8. Building was razed by 1971.

Name *IOP_Building_B-2-17*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-2B_B-2-17	Building		1/1/1942	1/1/1945	SWDC/War Dept	Ladies restroom, razed prior to 1971.

Name *IOP_Building_B-2-3*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-2B_B-2-3	Salvaged Buildi		1/1/1942	1/1/1945	SWDC/War Dept	Detonator service magazine, building was moved/salvaged before 1960 to a location between buildings B-2-1 and B-2-2

Name *IOP_Building_B-2-4*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-2B_B-2-4	Razed Building		1/1/1942	1/1/1945	SWDC/War Dept	Detonator service magazine, building was razed before 1960

Name *IOP_Building_B-2-9*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-2B_B-2-9	Building		1/1/1953	1/1/1963	UMC	Building was moved prior to 1960 to the Refuge boat dock. UMC used the pad at the former building B-2-9 as a burning pad where they burned ignitable wastes and products which failed QA/QC inspections. An explosion on the burn pad scattered debris for approximately one hundred yards around the pad. This debris had to be picked up by hand.
BDG-2B_B-2-9	Building	tetryl	1/1/1942	1/1/1945	SWDC/War Dept	Tetryl was unloaded and stored in B-2-9 (tetryl service magazine)
BDG-2B_B-2-9	Building		1/1/1963	1/1/1970	CTI	Operated burning pad at the bottom end of Area 2B, probably the same burn pad (Building B-2-9) that was previously used by UMC. The 1960 through 1971 aerial photographs showed some ground scarring around this foundation, which may have resulted from burning activities. A small pond just southwest of B-2-9 is visible on the topo and 1960 aerial photo, the pond shrank in size from 1960 to 1971 and is no longer visible on the 1980 photo.

Name *Location-02*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
LC-2B-02	MISC		1/1/1943	1/1/1943	SWDC/War Dept	Containerized-materials storage and a mound of probable earthen waste material was observed in historical 1943 aerial photographs, south of AUS-0A2B (Area 2B) along Wolf Creek Road This site is shown as Location 02 in Figure 43-5 of the PASI report. This site appears to have been used only by the IOP but it does not appear to be related to production in Area 2 since it is not included in any of the Area 2 load lines and does not have any roads (other than Wolf Creek Road) connecting it with the production facilities for the four load lines in Area 2.

Name *Olin_Building_B-2-12*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-2Bg_B-2-12	Building		1/1/1997	1/1/2001	Primex	Either a ramp, hallway, utility system, or boiler room, not manufacturing or cold storage
BDG-2Bg_B-2-12	Building		1/1/1963	1/1/1997	Olin	Either a ramp, hallway, utility system, or boiler room
BDG-2Bg_B-2-12	Building		1/1/2001	10/1/2003	GDO and TS	Unknown

Name *Olin_Building_B-2-14*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-2Bg_B-2-14	Building		1/1/2001	10/1/2003	GDO and TS	Unknown
BDG-2Bg_B-2-14	Building		1/1/1997	1/1/2001	Primex	Either a ramp, hallway, utility room, or boiler room, not manufacturing or cold storage
BDG-2Bg_B-2-14	Building	phosphate, alkaline solution, sulfite, ammonium, zeolite, salt brine, trichloroethane,	1/1/1963	1/1/1997	Olin	Olin constructed sometime between 1971 and 1980 in an area where no buildings previously existed. Building had a boiler that was blown down daily onto the ground surface. By June 1987, the boiler blowdown was connected to the sewer system. Chemicals were often added to the boiler (phosphate, alkaline solution, sulphite, ammonia, zeolite and salt brine). Olin also likely housed explosives in this building.

Name *Olin_Building_B-2-15*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-2Bg_B-2-15	Building		1/1/1997	1/1/2001	Primex	Unspecified manufacturing
BDG-2Bg_B-2-15	Building		1/1/2001	10/1/2003	GDO and TS	Unknown
BDG-2Bg_B-2-15	Building	ammonium nitrate, ammonium oxalate, N-28 propellant, F-1 Inhibitor, F-21D insulation, asbestos	1/1/1971	1/1/1997	Olin	Olin used this building for making ammonium nitrate propellant, ammonium oxalate inhibitor and insulator mixtures such as N-28 Propellant, F-1 Inhibitor Mix and F-21D Insulation Mix. Table 3-4 lists the constituents that were used in these mixes. Building B-2-15 contained one 50-gallon mixer that was used for mixing N-28 propellant. This mixer was also used for mixing F21-D insulation for the Trident and Minuteman Generators. The mix bay in this building has a floor drain In November 1983, Olin noted that the mix in this building contained asbestos fibers. These fibers were likely picked up by the dehumidification system; therefore the asbestos ends up in the water from this system which overflows to the floor drain in this building and discharges back to the Refuge Treatment Plant. In 1983, Olin tested the water from this dehumidification system and asbestos was present in the water at significant levels. In 1985, Olin noted wipe samples taken from the building walls detected "2,4-Dinitrophenoxyethanal" and "1-chloro-1,2,4-dinitrobenzene" and recommended action be taken to remove these from the walls.

Name *Olin_Building_B-2-16*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-2Bg_B-2-16	Building	explosives	1/1/1971	1/1/1997	Olin	The first Olin Building B-2-16 was constructed sometime between 1971 and 1980 at a location different from IOP Building B-2-16. This building was razed and a new Olin Building B-2-16 was built to the east of Olin Building B-2-15. It was used for casting and in 1985, Olin likely housed up to 20,000 pounds of explosives in this building. This building is located closer to Area 2D process buildings than it is to the B area and it is sometimes included with Area 2D buildings.
BDG-2Bg_B-2-16	Building		1/1/2001	10/1/2003	GDO and TS	Unknown
BDG-2Bg_B-2-16	Building		1/1/1997	1/1/2001	Primex	Unspecified manufacturing

Name *Olin_Building_B-2-17*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-2Bg_B-2-17	Building	ammonium nitrate, guanadine nitrate, ammonium oxalate, N-28 propellant	1/1/1971	1/1/1997	Olin	Olin Building B-2-17 was constructed sometime between 1971 and 1980 at a location different than the IOP Building B-2-17. In Bay B, raw materials for gas generator propellants (ammonium nitrate, ammonium oxalate, guanidine nitrate) were ground with a hammer mill to reduce particle size; and N-28 propellant and was moved through a knife mill for granulation in Bay C There was a drench coil unit present in this building that dehumidified Bays B and C of Building B-1-13.
BDG-2Bg_B-2-17	Building		1/1/1997	1/1/2001	Primex	Either a ramp, hallway, utility room, or boiler room, not manufacturing or cold storage
BDG-2Bg_B-2-17	Building		1/1/2001	10/1/2003	GDO and TS	unknown

Name *Olin_Building_B-2-4*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-2Bg_B-2-4	Unknown		1/1/1968	1/1/1997	Olin	Use unknown, but building contained a boiler

Name *Olin_Building_B-2-9*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-2Bg_B-2-9	Building		1/1/1970	1/1/1997	Olin	This building was built at the previous location of IOP Building B-2-4, sometime between 1971 and 1980. In 1985, Olin used it for residual chemical storage. In 1996, was listed as a temporary hazardous storage area (less than 90 days).
BDG-2Bg_B-2-9	Building		1/1/1997	1/1/2001	Primex	Cold storage, location of building unknown.
BDG-2Bg_B-2-9	Building		1/1/2001	10/1/2003	GDO and TS	Unknown

Name *UMC_Building_B-2-3*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-2B_B-2-3	Salvaged Buildi		1/1/1960	1/1/1960	UMC	Unknown, most likely was a building (P-1-4) that was moved to area 2B between 1951 and 1960.
BDG-2B_B-2-3	Salvaged Buildi		1/1/2001	10/1/2003	GDO and TS	unknown
BDG-2B_B-2-3	Salvaged Buildi		1/1/1997	1/1/2001	Primex	Building was most likely a ramp, hallway, utility room, or boiler room, not used in manufacturing or cold storage
BDG-2B_B-2-3	Salvaged Buildi		1/1/1970	1/1/1997	Olin	Boiler present in 1985, noted as boiler house in 1988.

Name *Building_D-1-1*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
	Building	tetryl	1/1/1942	1/1/1945	SWDC/War Dept	Tetryl Service Magazine, tetryl was transported from off site and unloaded and stored in D-1-1 prior to pelletizing.
	Building		1/1/1953	1/1/1962	UMC	Reported that the pad had been used as a burn pad, but no corroborating evidence was found to support that claim. The building was razed prior to 1960.

Name *Building_D-1-10*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
	Building	aluminum, graphite, Composition A4 and High Explosives Igniter (HEI)/Grease Mix		1/1/1997	Olin	Pressing activities: Comp A-4, HEI, aluminum, graphite
	Building		1/1/1942	1/1/1945	SWDC/War Dept	Detonator Rest House, detonators may have been temporarily stored in this building after assembly and prior to testing.
	Building	red phosphorous, linseed oil, iron oxide, and manganese powder	1/1/1953	1/1/1962	UMC	Used to cure candles for the Navy Float Signal. The candles contained red phosphorous, linseed oil, iron oxide, and manganese powder.
	Building		1/1/2001	10/1/2003	GDO&TS	Unknown
	Building		1/1/1997	1/1/2001	Primex	Cold Storage

Name *Building_D-1-11*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
	Building		1/1/1942	1/1/1945	SWDC/War Dept	Detonator Rumbling Building: assembled components were sent here for testing.
	Building	High Explosives (HE), aluminum, graphite, PBX-N5, acetone, ethyl acetate, No. 2 fuel oil, ethylene glycol, chromium, copper,iron, strontium, molybdenum.		1/1/1997	Olin	Housed the pelletizing of HEI mixes. The sinks in this building previously discharged to the sewers. In 1985, the sinks in this building were eliminated to control the discharge from this building. Flammable solvents were being used to clean the press,including acetone and ethyl acetate. Explosives were blended with either No. 2 fuel oil or ethylene glycol in preparation for transportation off site.
	Building	RDX, HMX, HBX, TNT, red phosphorous, linseed oil, iron oxide, manganese powder	1/1/1953	1/1/1962	UMC	Used for confidential work involving CIA contracts. Some of the work involved the use of Royal Demolition Explosive (RDX) , Her Majesty's Explosive (HMX), High Blas Explosives (HBX), and cast TNT. They also reportedly manufactured delay mixes and igniter mixes in this building, including the mix for the candle used in the Navy Float Signal (containing red phosphorous, linseed oil, iron oxide, and manganese powder).
	Building		1/1/2001	10/1/2003	GDO&TS	Unknown
	Building		1/1/1997	1/1/2001	Primex	Unspecified manufacturing

Name *Building_D-1-12*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
	Building		1/1/2001	10/1/2003	GDO&TS	Unknown
	Building		1/1/1997	1/1/2001	Primex	Unspecified manufacturing
	Building	Dalco Solvent, aliphatic hydrocarbons, chlorinated hydrocarbons		1/1/1997	Olin	In 1986, a chemical leak occurred (Dalco Solvent). It was composed of both aliphatic hydrocarbons (60%) and chlorinated hydrocarbons (10-30%).
	Building	red phosphorous, linseed oil, iron oxide, and manganese powder	1/1/1953	1/1/1962	UMC	Used to cure candles for the Navy Float Signal.
	Building		1/1/1942	1/1/1945	SWDC/War Dept	Sawdust storage building for operations in Bldg D-1-11

Name *Building_D-1-13*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
	Building	uranium, aluminum	1/1/1953	1/1/1962	UMC	Used for the assembly, welding and helium leak testing of nuclear reactor fuel rods, as well as for the Uranium Fuel Tube Rod Program for Westinghouse. This involved the receipt of fabricated enriched uranium pellets from the manufacturer. This building was remediated by Olin in 1994 at the request of the Illinois Department of Nuclear Safety.
	Building		1/1/2001	10/1/2003	GDO&TS	Unknown
	Building	A-3 explosive	1/1/1997	1/1/2001	Primex	flash-out operations (this is the last step in large caliber ammunition demilitarization). 106-mm projectiles, containing the A-3 explosive composition, were being flashed out in this building when the fire occurred. Oxygen and propane tanks associated with the flash-out operation were located outside Building D-1-13. Primex replaced the building on the original foundation.
	Building		1/1/1942	1/1/1945	SWDC/War Dept	Inspection, Packing and Shipping Building. After sensitivity testing in the rumbling building, detonators would be inspected, packed and shipped out.
	Building	propellant		1/1/1997	Olin	Propellant Storage. In 1998, destroyed by a fire which also caused a small ammunition explosion within the building.

Name *Building_D-1-18*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
Building_D-1-44	Building		1/1/1997	1/1/2001	Primex	Unspecified manufacturing
Building_D-1-44	Building		1/1/2001	10/1/2003	GDO&TS	Unknown
Building_D-1-44	Building	Propellants, igniter, booster, IB-43, HEI, IB-27, IB-50, IB-51, IS-102, methylene chloride, cleaning solvents		1/1/1997	Olin	Original was razed prior to 1960, Olin Building D-1-44 was constructed in this same location between 1965 and 1971. An earthen berm was built around this building and there is also a sump located on the south side of this building, within the bermed area. There is a sump along the south side of the building. Dust from explosives mixing operations was collected, filtered, and dumped into the sump. By June 1987, the sump was connected to the sewer system.
Building_D-1-44	Building	lead azide	1/1/1942	1/1/1945	SWDC/War Dept	IOP Azide Dry House. Lead azide was probably brought to this building from Building D-1-17 (Azide Napkin Preparation Building) for drying. Building D-1-18 was razed before 1960.

Name *Building_D-1-19*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
	Building		1/1/1942	1/1/1945	SWDC/War Dept	Heater House, was probably used to heat Building D-1-18 (Azide Dry House). It was razed before 1960.

Name *Building_D-1-2*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
	Building		1/1/2001	10/1/2003	GDO&TS	Unknown
	Building	tetryl	1/1/1942	1/1/1945	SWDC/War Dept	Noted as both a Tool Room Building and a Tetryl Screen & Blend Building.
	Building	explosives	1/1/1953	1/1/1962	UMC	UMC used D-1-2 for the production of high explosives
	Building		1/1/1997	1/1/2001	Primex	Cold Storage
	Building				Olin	Unknown

Name *Building_D-1-20*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
	Building		1/1/1942	1/1/1945	SWDC/War Dept	IOP Heater House, probably heated Building D-1-21 (Azide Dry House), it was razed before 1960.

Name *Building_D-1-21*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
	Building	lead azide	1/1/1942	1/1/1945	SWDC/War Dept	Azide Dry House. Lead azide was brought to this building for drying. Building D-1-21 was razed before 1960.

Name *Building_D-1-22*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
	Building		1/1/1942	1/1/1945	SWDC/War Dept	Heater House, probably heated Building D-1-23 (Azide Dry House), it was razed between 1960 and 19650.

Name *Building_D-1-23*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
	Building	lead azide	1/1/1942	1/1/1945	SWDC/War Dept	Azide Dry House. Lead azide was brought to this building for drying. Once sufficiently dry, the lead azide was presumably transported for temporary storage; was razed before 1960.

Name *Building_D-1-24*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
Building_D-1-46	Building		1/1/2001	10/1/2003	GDO&TS	Unknown
Building_D-1-46	Building		1/1/1997	1/1/2001	Primex	Unspecified manufacturing
Building_D-1-46	Building	fluid ball powder, IB-43, IB-50, IB-51, cleaning solvents, No. 2 fuel oil, ethylene glycol		1/1/1997	Olin	Original building was razed before 1960 and replacement Building D-1-46 was built in its place between 1960 and 1965. Olin Building D-1-46 contained an oven that was used for drying fluid ball powder, IB-43, IB-50 and IB-51. This oven was to be used in the 4A/A process, beginning in March/April of 1985. There is a sump along the east side of the building which collected waters as well as process and cleaning solvents. The sump historically was cleaned out by bailing the sump water onto the ground nearby and removing the solids for incineration.
Building_D-1-46	Building	lead azide	1/1/1942	1/1/1945	SWDC/War Dept	Dry Azide Rest House. After drying, the lead azide was brought to this building for temporary storage, until being mixed with other priming compound constituents in the Building D-1-25 (Azide Preparation Building).

Name *Building_D-1-25*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
	Building		1/1/2001	10/1/2003	GDO&TS	Unknown
	Building		1/1/1997	1/1/2001	Primex	Unspecified manufacturing
	Building	IB-36, IB-27, IB-43, IB-50, HEI, potassium nitrate, ammonium nitrate, ammonium perchlorate, ammonium chloride, potassium perchlorate, boron, aluminum, polyvinyl acetate, fluid ball powder, IB-52, hexane, cleaning solvents		1/1/1997	Olin	Pelleting operations. Building Used as a Main Control Building for mixing operations in buildings D-1-43, D-1-44, and D-1-47.In 1967, IB-36 was used. In 1977-IB-27 and IB-43 were mixed here, and prior to 1977-IB-50 and HEI were mixed here.
	Building	photoflash cells	1/1/1953	1/1/1962	UMC	Used for mixing pyrotechnic mixes for photoflash shells.
	Building	lead azide	1/1/1942	1/1/1945	SWDC/War Dept	Azide Preparation Building. Lead azide was brought from azide rest houses for mixing with other priming compound constituents.

Name *Building_D-1-26*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
	Building		1/1/1973	1/1/1997	Olin	Unknown, occupied building from at least 1973.
	Building	photoflash powder	1/1/1953	1/1/1962	UMC	The M-112 and M-123 photoflash shell powder was blended. This building was razed between 1960 and 1965, and another built in its place between 1965 and 1971.
	Building		1/1/1997	1/1/2001	Primex	Cold Storage
	Building		1/1/1942	1/1/1945	SWDC/War Dept	Inert Primer Components Preparation House.
	Building		1/1/2001	10/1/2003	GDO&TS	Unknown

Name *Building_D-1-27*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
	Building	nitroglycerin, nitrocellulose, dimethyl sebacate, ethyl centralite, acetone		1/1/1997	Olin	N.G. casting took place in Building D-1-27. Acetone was used to clean metals parts in this building, and the wastes from this building were burned in burn pits. Nitroglycerin contaminated materials were found in this building during a January 1984 inspection.
	Building	mercury fulminate, lead azide	1/1/1942	1/1/1945	SWDC/War Dept	Fulminate Preparation Building. The buildings designated for fulminate could possibly have also been used in the same capacity for lead azide.As a result, both mercury fulminate and lead azide are potential concerns in the area surrounding this building.
	Building	photoflash cells	1/1/1953	1/1/1962	UMC	Used to load the inner shell case of the M-122 and M-123 photoflash shells.
	Building		1/1/1997	1/1/2001	Primex	Unspecified manufacturing
	Building		1/1/2001	10/1/2003	GDO&TS	Unknown

Name *Building_D-1-28*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
	Building	mercury fulminate, lead azide	1/1/1942	1/1/1945	SWDC/War Dept	Fulminate Rest House: The buildings designated for fulminate could possibly have been used in the same capacity for lead azide. Both mercury ulminate and lead azide are potential concerns in the area surrounding this building.

Name *Building_D-1-3*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
	Building		1/1/1942	1/1/1945	SWDC/War Dept	Heater house
	Building	explosives	1/1/1953	1/1/1962	UMC	High explosives production
	Building	black powder			Olin	Black powder storage from 1970 or earlier
	Building		1/1/1997	1/1/2001	Primex	Cold Storage
	Building		1/1/2001	10/1/2003	GDO&TS	Unknown

Name *Building_D-1-30*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
Building_D-1-73	Building		1/1/1942	1/1/1945	SWDC/War Dept	Heater House. It may have been used to heat Building D-1-29 (Fulminate Dry House). This original IOP building was razed before 1960. Another building was constructed in this location between 1971 and 1980, and was labeled Building D-1-73. This building is no longer present on site.

Name *Building_D-1-31*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
	Building		1/1/1942	1/1/1945	SWDC/War Dept	Inert Primer Components Preparation Building. It was probably razed before 1960.

Name *Building_D-1-32*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
	Burn Pit	lead azide, lead styphnate, red phosphorus, linseed oil, perchlorates	1/1/1953	1/1/1962	UMC	Probably used as a burn pad. Waaste containing lead azide, lead styphnate, red phosphorus, linseed oil, perchlorates and other chemicals may have been burned.
	Burn Pit	explosives, metal oxides, propellants, pyrotechnics, lead		1/1/1997	Olin	Burning pad at former Building D-1-32. The 1960 aerial photograph (taken during UMC's tenure at the site) showed the foundation of this building as a darkened depression, which suggests it was used for burning. Olin reported that an estimated 600-pounds of metal oxides remained at this location as a result of burning explosives, propellants, and pyrotechnics at this location. Olin also reported that there was potential for lead contamination in the soils near this burning pad location.
	Building	mercury fulminate, lead azide	1/1/1942	1/1/1945	SWDC/War Dept	Fulminate Service Magazine. The buildings designated for fulminate could possibly have been used in the same capacity for lead azide. If so, then this building may have been used as a lead azide service magazine, the same as Building D-1-15. As a result, both mercury fulminate and lead azide are potential concerns in the area surrounding this building. The building was razed sometime before 1960, based on aerial photography.

Name *Building_D-1-33*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
	Building	nitroglycerin		1/1/1997	Olin	Used for nitroglycerin storage. An August 1990 Olin document indicates nitroglycerin contamination.
	Building		1/1/1997	1/1/2001	Primex	Cold Storage
	Building		1/1/1942	1/1/1945	SWDC/War Dept	Heater House and may have been used to heat Building D-1-34 (Fulminate Napkin Preparation Building).
	Building		1/1/2001	10/1/2003	GDO&TS	Unknown

Name *Building_D-1-34*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
	Building		1/1/2001	10/1/2003	GDO&TS	Unknown, this building is assumed to be in the same location as original D-1-34, but is not confirmed.
	Building		1/1/1997	1/1/2001	Primex	Cold Storage
	Building	mercury fulminate, lead azide	1/1/1942	1/1/1945	SWDC/War Dept	Fulminate Napkin Preparation Building: The buildings designated for fulminate could possibly have been used in the same capacity for lead azide. Both mercury fulminate and lead azide are potential concerns in the area surrounding this building.
	Building	nitroglycerin		1/1/1997	Olin	Sometime between 1965 and 1971, a large earthen berm was built around both this building and Building D-1-33. This original IOP Building D-1-34 was removed prior to 1960 and replaced with another building between 1960 and 1965. Olin used this building for nitroglycerin storage. In August 1990, the building was determined to be contaminated with nitroglycerin.

Name *Building_D-1-35*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
	Building		1/1/1997	1/1/2001	Primex	Cold Storage
	Building		1/1/1942	1/1/1945	SWDC/War Dept	Change House: Workers changed clothes and showered in this building.
	Building	trichloroethylene,trichlorethane,metals,acetic acid,K hydroxide solution,hydroquinone,unreacted aldehyde,sulfuric acid,aluminum sulfate,sodium dichromate,salt brine, zeolite,Kodak Industrex Developer Replenisher and Replenisher,Developer Systems Cleaner		1/1/1997	Olin	Metal working (welding) and solvent cleaning operations, as well as welding. This building also housed a degreaser using trichloroethylene and “trichlorethane.” Effluent from X-ray machines was discharged to a sewer, and that the process included the following chemicals: Kodak Industrex Developer Replenisher, Kodak Industrex Fixer and Replenisher, and Developer Systems Cleaner. Olin also used this building as an office and cafeteria.
	Building		1/1/2001	10/1/2003	GDO&TS	Unknown

Name *Building_D-1-36*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
	Building		1/1/2001	10/1/2003	GDO&TS	Unknown
	Building		1/1/1942	1/1/1945	SWDC/War Dept	Change House: Workers changed clothes and showered in this building.
	Building	explosives, lead styphnate, lead azide	1/1/1953	1/1/1962	UMC	Research and development laboratory for delay switches. This involved developing the chemical formulas for delays in initiating devices. The delays used normal lead styphnate to initiate propellant charges (ball powder).
	Building		1/1/1997	1/1/2001	Primex	Cold Storage
	Building			1/1/1997	Olin	Maintenance and Engineering office space

Name *Building_D-1-37*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
	Building		1/1/1997	1/1/2001	Primex	Unknown
	Building			1/1/1997	Olin	Office space, medical space, guard shack
	Building		1/1/1942	1/1/1945	SWDC/War Dept	Timekeepers building
	Building		1/1/2001	10/1/2003	GDO&TS	Unknown

Name *Building_D-1-38*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
	Building		1/1/1942	1/1/1945	SWDC/War Dept	Boiler House: located approximately 417 ft northwest of Building D-1-13. This building was razed before 1960.

Name *Building_D-1-39*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
	Building	explosives	1/1/1942	1/1/1945	SWDC/War Dept	Detonator Destruction Building, which was used to destroy rejected detonators by heating until the detonators discharged. In March 18, 1943, an accidental explosion destroyed the building and killed one person.

Name *Building_D-1-4*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
	Building			1/1/1997	Olin	Inspection of this building revealed 4A/A booster pellets, waste containers and LUU 10/B-contaminated hardware in this building. By 1985, an operation involving plastic bonded explosive (PBX) was performed here. Slurry filtration (used in conjunction with PBX operations) resulted in a surface water discharge from the building; modifications were planned to eliminate the discharge. Explosives were also blended with either No. 2 fuel oil or ethylene glycol for off site transportation here.
	Building	tetryl	1/1/1942	1/1/1945	SWDC/War Dept	Tetryl Pelleting Building
	Building	explosives, Baratol, black powder, 4A/A booster pellets, LUU 10/B, GAP propellant, PBX propellant,	1/1/1953	1/1/1962	UMC	Production of high explosives, also Baratol (TNT and barium) were also used here. A former model shop and maintenance manager stated that the black powder used for the T-73 parachute flare was blended and pressed in Building D-1-4.
	Building		1/1/2001	10/1/2003	GDO&TS	Unknown
	Building		1/1/1997	1/1/2001	Primex	Unspecified manufacturing

Name *Building_D-1-40*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
	Building		1/1/1942	1/1/1945	SWDC/War Dept	Condensate Pump House, was located next to Building D-1-4 (Tetryl Pelleting Building). It was razed between 1971 and 1980.

Name *Building_D-1-41*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
Building_D-1-62	Building		1/1/1942	1/1/1945	SWDC/War Dept	Condensate Pump House.
Building_D-1-62	Building			1/1/1997	Olin	Building D-1-41 was re-named Building D-1-62
Building_D-1-62	Building		1/1/1997	1/1/2001	Primex	Cold Storage
Building_D-1-62	Building		1/1/2001	10/1/2003	GDO&TS	Unknown

Name *Building_D-1-45*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
	Building			1/1/1997	Olin	No information was found regarding specific use.
	Building		1/1/1997	1/1/2001	Primex	Unspecified manufacturing
	Building		1/1/2001	10/1/2003	GDO&TS	Unknown, current location of building could not be determined.

Name *Building_D-1-47*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
	Building		1/1/1997	1/1/2001	Primex	Unspecified manufacturing
	Building		1/1/2001	10/1/2003	GDO&TS	Unknown
	Building	propellants, igniter, booster, IB-43, IB-50, IB-51, IB-52, cleaning solvents.		1/1/1997	Olin	Remote control mixing operations occurred in Building D-1-47 (Mix Building): In addition to mixing propellants, igniter and booster mixes were also mixed in this building. Granulating was also reported to have been done in this building.There was a sump on the north side of the building which received wash waters as well as process and cleaning solvents. The sump had overflow problems and was cleaned out by bailing the sump water onto the ground nearby and removing the solids for incineration.

Name *Building_D-1-48*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
	Building		1/1/2001	10/1/2003	GDO&TS	Unknown
	Building		1/1/1997	1/1/2001	Primex	Cold Storage
	Building			1/1/1997	Olin	This building was built sometime between 1965 and 1971. In 1975, used as an Igniter Control Preparation Building.

Name *Building_D-1-49*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
	Building	solvents		1/1/1997	Olin	Building D-1-49 was built sometime between 1971 and 1978 to be used as an Igniter Storage Building. Solvent was stored in this building.
	Building		1/1/1997	1/1/2001	Primex	Manufacturing purposes, also as an area where hazardous wastes were accumulated on-site for less than 90 days.
	Building		1/1/2001	10/1/2003	GDO&TS	Unknown

Name *Building_D-1-50*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
	Building		1/1/1997	1/1/2001	Primex	Cold Storage
	Building		1/1/2001	10/1/2003	GDO&TS	Unknown
	Building			1/1/1997	Olin	Unknown

Name *Building_D-1-51*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
	Building		1/1/1965	1/1/1997	Olin	
	Building		1/1/1997	1/1/2001	Primex	This building is either a ramp, hallway, utility system, or boiler room, not used as part of manufacturing or cold storage.
	Building		1/1/2001	10/1/2003	GDO&TS	Unknown

Name *Building_D-1-52*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
	Building		1/1/2001	10/1/2003	GDO&TS	Unknown
	Building		1/1/1965	1/1/1997	Olin	Unkown
	Building		1/1/1997	1/1/2001	Primex	Unspecified manufacturing

Name *Building_D-1-53*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
	Building		1/1/1972	1/1/1997	Olin	
	Building		1/1/2001	10/1/2003	GDO&TS	Unknown
	Building		1/1/1997	1/1/2001	Primex	Cold Storage

Name *Building_D-1-54*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
	Building		1/1/1997	1/1/2001	Primex	Cold Storage
	Building		1/1/2001	10/1/2003	GDO&TS	Unknown
	Building			1/1/1997	Olin	Unknown

Name *Building_D-1-55*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
	Building		1/1/1997	1/1/2001	Primex	This building is either a ramp, hallway, utility system, or boiler room, not used as part of manufacturing or cold storage.
	Building		1/1/2001	10/1/2003	GDO&TS	Unknown
	Building		1/1/1965	1/1/1997	Olin	Building D-1-55 was not an original IOP building, use uknown

Name *Building_D-1-56*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
	Building			1/1/1997	Olin	Use unknown.
	Building		1/1/1997	1/1/2001	Primex	Cold Storage
	Building		1/1/2001	10/1/2003	GDO&TS	Unknown

Name *Building_D-1-57*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
	Building		1/1/1997	1/1/2001	Primex	Unspecified manufacturing
	Building		1/1/2001	10/1/2003	GDO&TS	Unknown
	Building	red dye-methyl amino anthroquinone, sodium picrate, ball powder, triethylene glycol dinitrate, lead, din-octylphthalate, fuel oil	1/1/1979	1/1/1997	Olin	Mixing operations for smoke candles (LUU-10B (red dye-methyl amino anthroquinone, sodium picrate, ball powder, and triethylene glycol dinitrate)) were done in this building. Both lead and din-octylphthalate may be chemicals of concern in this building. During construction of this building in 1979, a fuel oil stand pipe, from the former above groundstorage tanks (ASTs) that were located in the same place as Building D-1-58, was broken and approximately 2,500 gallons of fuel oil spilled and drained into this area (bunker area) and into a nearby ditch.

Name *Building_D-1-58*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
	Building		1/1/2001	10/1/2003	GDO&TS	Unknown
	Building	lead, di-noctylphthalatemay, fuel oil		1/1/1997	Olin	Screening operations for smoke candles (LUU-10B555) were done in this building. Both lead and di-noctylphthalatemay be chemicals of concern in this building. Screening of sodium picrate was also done in this building. Prior to this building being built, two probable ASTs surrounded by a berm were observed in this same location, in the 1960, 1965 and 1971 aerial photographs. The 1965 and 1971 aerial photographs showed surface discoloration and probable standing liquid inside the southern portion of this bermed area.
	Building		1/1/1997	1/1/2001	Primex	Unspecified manufacturing

Name *Building_D-1-59*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
	Building			1/1/1997	Olin	Portable building

Name *Building_D-1-6*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
	Building		1/1/2001	10/1/2003	GDO&TS	Unknown
	Building	tetryl, lead azide	1/1/1942	1/1/1945	SWDC/War Dept	Detonator loading area
	Building		1/1/1953	1/1/1962	UMC	Manufacturing of the Hi-Burst signal (using 3 ounces of smokeless powder), and assembling the T-73 Parachute Flare, the M-112 and M-123 Photoflash cells, and the Minuteman unit.
	Building	hazardous wastes	1/1/1997	1/1/2001	Primex	Unspecified manufacturing/hazarous waste accumulation area
	Building	jet starter, 4A/A explosive, Sidewinder, asbestos, MXU, N-28		1/1/1997	Olin	Jjet starter production operations: An area of dark-toned surface discoloration was observed in the 1965 aerial photograph (during Olin's tenure), along the east side of the building. This may have been the result of a liquid release. Olin reported the presence of asbestos fibers in Bay A of this building.

Name *Building_D-1-60*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
	Building			1/1/1997	Olin	
	Building		1/1/1997	1/1/2001	Primex	Cold Storage
	Building		1/1/2001	10/1/2003	GDO&TS	Unknown

Name *Building_D-1-61*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
	Building			1/1/1997	Olin	Unknown, portable building
	Building		1/1/1997	1/1/2001	Primex	Cold storage of inert materials and surplus equipment, it was removed between 1980 and 1993.

Name *Building_D-1-63*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
	Building		1/1/2001	10/1/2003	GDO&TS	Unknown
	Building	flammable material	1/1/1979	1/1/1997	Olin	Storage of flammable materials.
	Building		1/1/1997	1/1/2001	Primex	Cold Storage

Name *Building_D-1-64*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
	Building		1/1/2001	10/1/2003	GDO&TS	Unknown
	Building			1/1/1997	Olin	
	Building		1/1/1997	1/1/2001	Primex	This building is either a ramp, hallway, utility system, or boiler room, not used as part of manufacturing or cold storage.

Name *Building_D-1-65*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
	Building	hazardous wastes		1/1/1997	Olin	Building D-1-65 was not an original IOP building. Building had been razed prior to 1984. Storage of explosives (hazardous waste) in this building.
	Building		1/1/1997	1/1/2001	Primex	Cold Storage
	Building		1/1/2001	10/1/2003	GDO&TS	Unknown

Name *Building_D-1-66*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
	Building			1/1/1997	Olin	Portable building located just east of Building D-1-14, use unknown
	Building		1/1/1997	1/1/2001	Primex	Cold storage of inert materials and surplus equipment.

Name *Building_D-1-67*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
	Building			1/1/1997	Olin	Portable building, location and use unknown.
	Building		1/1/1997	1/1/2001	Primex	Cold storage of inert materials and surplus equipment.

Name *Building_D-1-68*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
	Building			1/1/1997	Olin	
	Building		1/1/1997	1/1/2001	Primex	Unspecified manufacturing
	Building		1/1/2001	10/1/2003	GDO&TS	Unknown

Name *Building_D-1-7*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
	Building	4A/A explosive, nitroglycerin, M29A1 primer, IPM, 20mm fuse, trichloroethylene, asbestos, No. 2 fuel oil, ethylene glycol		1/1/1997	Olin	Gas generator production; propellant curing; pressing and loading; LAW manufacture, M29AI primer; IPM assembly; 4A/A igniter assembly; 20mm fuse manufacture; boosters; paveway, trident, and minuteman propellant. The building contained a trichloroethylene degreaser.
	Building	tetryl, lead azide	1/1/1942	1/1/1945	SWDC/War Dept	Detonator loading area
	Building		1/1/2001	10/1/2003	GDO&TS	Unknown
	Building	hazardous wastes	1/1/1997	1/1/2001	Primex	Unspecified manufacturing/hazarous waste accumulation area
	Building	toluene, methyl ethyl ketone, acetone	1/1/1953	1/1/1962	UMC	Used for loading and pressing photo flash rounds, photo flash shells, smokemarkers, and the Minuteman, this process also involved the use of toluene, methyl ethyl ketone and possibly acetone.

Name *Building_D-1-70*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
	Building		1/1/1979	1/1/1997	Olin	Unknown protable building
	Building		1/1/1997	1/1/2001	Primex	Primex used this building for cold storage of inert materials and surplus equipment.

Name *Building_D-1-71*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
	Building			1/1/1997	Olin	Building D-1-71 was built sometime between 1971 and 1980, use unknown.
	Building		1/1/1997	1/1/2001	Primex	Cold Storage
	Building		1/1/2001	10/1/2003	GDO&TS	Unknown

Name *Building_D-1-72*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
	Building	nitroglycerin		1/1/1997	Olin	Used for storage of waste debris from open burning areas. Building was contaminated with nitroglycerin.
	Building		1/1/1997	1/1/2001	Primex	Unspecified manufacturing
	Building		1/1/2001	10/1/2003	GDO&TS	Unknown

Name *Building_D-1-74*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
	Building			1/1/1997	Olin	Building D-1-74 was not an original IOP building. Use unknown.
	Building		1/1/2001	10/1/2003	GDO&TS	Unknown
	Building		1/1/1997	1/1/2001	Primex	Cold Storage

Name *Building_D-1-76*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
	Building		1/1/2001	10/1/2003	GDO&TS	Unknown
	Building		1/1/1974	1/1/1997	Olin	Building D-1-76 was not an original IOP building. It is located nearly adjacent to Building D-1-6 to the east. Use unknown.
	Building		1/1/1997	1/1/2001	Primex	Cold Storage

Name *Building_D-1-77*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
	Building	hazardous wastes		1/1/1997	Olin	Used for explosive (hazardous) waste storage.
BDG-2D_D-1-77	Building		1/1/1997	1/1/2001	Primex	Unknown, no longer on site.

Name *Building_D-1-78*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-2D_D-1-78	Building			1/1/1997	Olin	Electrical load center for Building D-1-13.
BDG-2D_D-1-78	Building		1/1/1997	1/1/2001	Primex	A 1998 explosion in D-1-13 damaged Building D-1-78. It was never replaced.

Name *Building_D-1-79*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-2D_D-1-79	Building	MOCA	1/1/1970	1/1/1997	Olin	Building D-1-79 was not an original IOP building and was in place some time after 1965, located adjacent to Building D-1-8 to the east. MOCA was used in this building.

Name *Building_D-1-8*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
	Building	nitroglycerin, IB-27,MOCA,acetone,ammonium nitrate,asbestos,acetic acid,hydroquinone,unreactedaldehyde,H2SO4,AL sulfate,NACr2,salt brine,zeolite,Kodak Industrex Developer and Developer Systems Cleaner,silver salt,N-28, No. 2 fuel oil, ethylene glycol		1/1/1997	Olin	Gas generator production; propellant curing; explosive waste storage; pressing and loading; lance propellant lathing, sawing, and binding; manufacture of minuteman generator; 90-day hazardous waste accumulation point; machinig of ammonium nitrate propellant; pressing and machining of N-28 propellant for sidewinder and paveway gas generators; X-ray operations
	Building	hazardous wastes	1/1/1997	1/1/2001	Primex	Unspecified manufacturing/hazarous waste accumulation area
	Building		1/1/2001	10/1/2003	GDO&TS	Unknown
	Building	lead styphnate, lead azide, red phosporous, linseed oil, iron oxide, manganese, zinc oxide, nitroglycerin	1/1/1953	1/1/1962	UMC	Final assembly of the photo flash rounds, photo flash shells, smoke markers, and the milling of lead styphnate and lead azide. Also used for assembling the Navy Float Signal (containing red phosphorous, linseed oil, iron oxide, and manganese powder), and the Navy Practice Bomb (containing either red phosphorous powder or zinc oxide). The MC-935 Actuator, the MC 936 Switch, the MC-835, 875, and 1156 delay switches and columns were loaded and assembled in this building.
	Building		1/1/1942	1/1/1945	SWDC/War Dept	Detonator loading area

Name *Building_D-1-80*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-2D_D-1-80	Building			1/1/1997	Olin	

Name *Building_D-1-81*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-2D_D-1-81	Building			1/1/1997	Olin	

Name *Building_D-1-82*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-2D_D-1-82	Building		1/1/1978	1/1/1997	Olin	
BDG-2D_D-1-82	Building		1/1/1997	1/1/2001	Primex	This building is either a ramp, hallway, utility system, or boiler room, not used as part of manufacturing or cold storage.
BDG-2D_D-1-82	Building		1/1/2001	10/1/2003	GDO and TS	Unknown

Name *Building_D-1-83*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-2D_D-1-83	Building		1/1/2001	10/1/2003	GDO and TS	Unknown
BDG-2D_D-1-83	Building		1/1/1997	1/1/2001	Primex	Cold Storage
BDG-2D_D-1-83	Building		1/1/1980	1/1/1997	Olin	Unknown.

Name *Building_D-1-84*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-2D_D-1-84	Building		1/1/1997	1/1/2001	Primex	Cold Storage
BDG-2D_D-1-84	Building		1/1/2001	10/1/2003	GDO and TS	Unknown
BDG-2D_D-1-84	Building			1/1/1997	Olin	

Name *Building_D-1-85*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-2D_D-1-85	Building			1/1/1997	Olin	Storage of explosive (hazardous) waste. Removed from site, but it does not include a date for this removal, use unknown

Name *Building_D-1-86*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-2D_D-1-86	Building		1/1/1980	1/1/1997	Olin	Was used for storage of waste debris from open burning areas. By 1983, Building D-1-86 was moved to Olin's Test Range.

Name *Building_D-1-87*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-2D_D-1-87	Building		1/1/1980	1/1/1997	Olin	The location of this building probably varied over time. In 1986, it was located slightly northwest of Building D-1-56. Its current use and location is unknown.
BDG-2D_D-1-87	Building		1/1/1997	1/1/2001	Primex	Cold Storage
BDG-2D_D-1-87	Building		1/1/2001	10/1/2003	GDO and TS	Unknown

Name *Building_D-1-88*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-2D_D-1-88	Building		1/1/1997	1/1/2001	Primex	Cold storage, location unknown.
BDG-2D_D-1-88	Building		1/1/1980		Olin	Olin began occupying this portable building in 1980. The location of this building probably varied over time. In 1986, it was located northwest of Building D-1-57, use unknown.

Name *Building_D-1-89*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-2D_D-1-89	Building		1/1/1981	1/1/1997	Olin	This building was built sometime after 1980. Olin began occupying it in 1981, use unknown.
BDG-2D_D-1-89	Building		1/1/1997		Primex	Cold storage, location unknown, no other information was found.

Name *Building_D-1-90*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-2D_D-1-90	Building	HEDP, trichloroethane, flammable materials		1/1/1997	Olin	Contained both High Explosive Detonation Product (HEDP) projectiles and trichloroethane, and it was also used as a flammable storage building.
BDG-2D_D-1-90	Building		1/1/1997	1/1/2001	Primex	Manufacturing purposes, also as an area where hazardous wastes were accumulated on-site for less than 90 days.
BDG-2D_D-1-90	Building		1/1/2001	10/1/2003	GDO and TS	Unknown

Name *Building_D-1-90A*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-2D_D-1-90A	Building			1/1/1997	Olin	Building D-1-90A was not an original IOP Building. The location of this building was not determined, use unknown.
BDG-2D_D-1-90A	Building		1/1/1997	1/1/2001	Primex	Unspecified manufacturing
BDG-2D_D-1-90A	Building		1/1/2001	10/1/2003	GDO and TS	Unknown

Name *Building_D-1-91*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-2D_D-1-91	Building		1/1/2001	10/1/2003	GDO and TS	Unknown
BDG-2D_D-1-91	Building	HEI pellets	1/1/1983	1/1/1997	Olin	"Old oven building." Olin used it to "heat treat HEI pellets." A 1998 fire in Building D-1-13 ignited the earthen barricade around building D-1-91.
BDG-2D_D-1-91	Building		1/1/1997	1/1/2001	Primex	Unspecified manufacturing

Name *Building_D-1-92*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-2D_D-1-92	Building		1/1/2001	10/1/2003	GDO and TS	Unknown
BDG-2D_D-1-92	Building		1/1/1983	1/1/1997	Olin	Humidity Control Building: built sometime between 1971 and 1980.
BDG-2D_D-1-92	Building		1/1/1997	1/1/2001	Primex	This building is either a ramp, hallway, utility system, or boiler room, not used as part of manufacturing or cold storage.

Name *Building_D-1-93*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-2D_D-1-93	Building		1/1/1983	1/1/1997	Olin	Humidity Control Building: built sometime between 1965 and 1971.
BDG-2D_D-1-93	Building		1/1/1997	1/1/2001	Primex	This building is either a ramp, hallway, utility system, or boiler room, not used as part of manufacturing or cold storage.
BDG-2D_D-1-93	Building		1/1/2001	10/1/2003	GDO and TS	Unknown

Name *IOP_Building_D-1-14*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
Building_D-1-75	Building	azide, primers	1/1/1942	1/1/1945	SWDC/War Dept	Primer Mix and Azide Magazine
Building_D-1-75	Building			1/1/1997	Olin	Before 1975, Olin razed the building and constructed Building D-1-75 in its place between 1975 and 1980.
Building_D-1-75	Building		1/1/1997	1/1/2001	Primex	Cold Storage
Building_D-1-75	Building		1/1/2001	10/1/2003	GDO&TS	Unknown

Name *IOP_Building_D-1-15*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
Building_D-1-69	Building	lead azide	1/1/1942	1/1/1945	SWDC/War Dept	Azide Service Magazine. IOP Building D-1-15 was razed prior to 1960. Building D-1-69 was constructed in its place sometime between 1971 and 1980. This building is apparently a portable building that is sometimes at this location, but may be located elsewhere.
Building_D-1-69	Building	hazardous wastes	1/1/1997	1/1/2001	Primex	cold storage, also as an area where hazardous wastes were accumulated on-site for less than 90 days.
Building_D-1-69	Building	explosive waste		1/1/1997	Olin	Likely explosives waste storage
Building_D-1-69	Building		1/1/2001	10/1/2003	GDO&TS	Unknown

Name *IOP_Building_D-1-16*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
IOP_Building_D-1-16	Building		1/1/1942	1/1/1945	SWDC/War Dept	Heater House, and was probably used to heat Building D-1-17, the Azide Napkin Prep Bldg, was razed before 1956.

Name *IOP_Building_D-1-17*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
IOP_Building_D-1-17	Building	lead azide, alchohol	1/1/1942	1/1/1945	SWDC/War Dept	Azide Napkin Preparation Building. In the preparation of detonators for anti-tank mines and artillery shells, lead azide underwent several processes. This building was razed sometime between 1965 and 1971.

Name *IOP_Building_D-1-29*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
IOP_Building_D-1-29	Building	mercury fulminate, lead azide	1/1/1942	1/1/1945	SWDC/War Dept	Fulminate Dry House. The buildings designated for fulminate could possibly have been used in the same capacity for lead azide. Both mercury fulminate and lead azide are potential concerns in the area surrounding this building.

Name *IOP_Building_D-1-42*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
IOP_Building_D-1-42	Building		1/1/1942	1/1/1945	SWDC/War Dept	Condensate Pump House and was located next to Building D-1-13, it was razed between 1971 and 1980.

Name *IOP_Building_D-1-43*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
IOP_Building_D-1-43	Building		1/1/1942	1/1/1945	SWDC/War Dept	Control House, the location of this building was not found.

Name *IOP_Building_D-1-5*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
IOP_Building_D-1-5	Building	tetryl	1/1/1942	1/1/1945	SWDC/War Dept	Building D-1-5 was the IOP Tetryl Pellet Magazine, after the tetryl was pelleted, it was transported to Building D-1-5 for temporary storage prior to loading.
IOP_Building_D-1-5	Building		1/1/1953		UMC	Photoflash blending and loading. Refuge documents indicate Building D-1-5 was destroyed but the date was not documented. Aerial photographs indicate the building was razed sometime between 1951 and 1960.

Name *IOP_Building_D-1-9*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
IOP_Building_D-1-9	Building		1/1/1956		Grinnel Sash & Door Co.	
IOP_Building_D-1-9	Building		1/1/1942	1/1/1945	SWDC/War Dept	Detonator Line Office. Refuge documents indicate this building was relocated to Area 7, sometime around 1956.

Name *Lagoon_D-1-1*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
PL-2D_D-1-1	Pits/Lagoons					Possible Chemical Dumping Area, there is a three-acre lawn located to the northwest of Building D-1-35, where barrels of chemicals were reportedly dumped. This information is essentially hearsay; the 1988 O'Brien & Gere report does not give the source. Two scarred areas were noted in this general area in the 1960 aerial photograph (during UMC's tenure at the site).

Name *Olin_Building_D-1-14*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
Olin_Building_D-1-14	Building		1/1/2001	10/1/2003	GDO&TS	Unknown
Olin_Building_D-1-14	Building		1/1/1997	1/1/2001	Primex	Cold Storage
Olin_Building_D-1-14	Building			1/1/1997	Olin	Sometime between 1971 and 1980, Olin constructed a building designated as Building D-1-14, but in a different location than the IOP Building D-1-14. Olin built a earthen berm around the building, in 1975, this building was used for explosives storage.

Name *Olin_Building_D-1-15*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
Olin_Building_D-1-15	Building	explosives, No. 2 Fuel Oil, ethylene glycol		1/1/1997	Olin	Constructed in a different location from the original IOP Building D-1-15, sometime between 1971 and 1980. A large earthen berm was built around the building. In 1975, this building was used for HEI Blending. In this building, explosives were blended with either No. 2 fuel oil or ethylene glycol in preparation for transportation off site.
Olin_Building_D-1-15	Building		1/1/2001	10/1/2003	GDO&TS	Unknown
Olin_Building_D-1-15	Building		1/1/1997	1/1/2001	Primex	Unspecified manufacturing

Name *Olin_Building_D-1-16*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
Olin_Building_D-1-16	Building		1/1/1997	1/1/2001	Primex	Cold Storage
Olin_Building_D-1-16	Building		1/1/2001	10/1/2003	GDO&TS	Unknown
Olin_Building_D-1-16	Building	iron powder, aluminum powder, stearic acid, soda ash, aluminum stearate		1/1/1997	Olin	This building was in a different location from the original IOP Building D-1-16. It was constructed approximately 93 ft west of Building D-1-12, sometime between 1971 and 1980. Olin stored iron powder, aluminum powder, stearic acid, soda ash, and aluminum stearate in this building in 1985.

Name *Olin_Building_D-1-17*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
Olin_Building_D-1-17	Building		1/1/2001	10/1/2003	GDO&TS	Unknown
Olin_Building_D-1-17	Building	phosphate, alkaline solution, sulphite, ammonia, zeolite, salt brine.		1/1/1997	Olin	This building was constructed between 1971 and 1980 in a different location than the original IOP Building D-1-17. Had a boiler that was blown down daily onto the ground surface. The blowdown is part of the boiler water that is occasionally released as part of the process. By 1987, the blowdown was connected to the sewer system. Heavy metals contamination is possible in the area of the boiler blow down. Six chemicals periodically added to the water in the boilers: phosphate, alkaline solution, sulphite, ammonia, zeolite, and salt brine.
Olin_Building_D-1-17	Building		1/1/1997	1/1/2001	Primex	Either a ramp, hallway, utility system, or boiler room, not used as part of manufacturing or cold storage).

Name *Olin_Building_D-1-29*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
Olin_Building_D-1-29	Building	4A/A booster		1/1/1997	Olin	Used building for 4A/A booster assembly. This building was built sometime between 1971 and 1980 at a different location than the IOP Building D-1-29. It is located approximately 41 ft west of Building D-1-25. Used building for 4A/A booster assembly.
Olin_Building_D-1-29	Building		1/1/2001	10/1/2003	GDO&TS	Unknown
Olin_Building_D-1-29	Building		1/1/1997	1/1/2001	Primex	Cold Storage

Name *Olin_Building_D-1-42*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
Olin_Building_D-1-42	Building			1/1/1997	Olin	Storeage Building: This building was in a different location from the original IOP Building D-1-42.
Olin_Building_D-1-42	Building		1/1/1997	1/1/2001	Primex	Cold Storage
Olin_Building_D-1-42	Building		1/1/2001	10/1/2003	GDO&TS	Unknown

Name *Olin_Building_D-1-43*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
Olin_Building_D-1-43	Building		1/1/1997	1/1/2001	Primex	Unspecified manufacturing
Olin_Building_D-1-43	Building		1/1/2001	10/1/2003	GDO&TS	Unknown
Olin_Building_D-1-43	Building	propellants,igniters,nitroglycerin, HEI,IB-43,IB-27,IB-50,IB-51,IS-102,GAP Propellant,cleaning solvents,methylene chloride, metals, polyvinyl acetate, K nitrate, amorphous boron, graphite, AL powder, K perchlorate, am. perchlorate, am. chloride		1/1/1997	Olin	This building (East Mix Building) was in a different location from the original IOP Building D-1-43. In addition to propellants, igniter and booster mixes were mixed in this building. Nitroglycerin casting may have taken place in Building D-1-43. Olin reported that HEI, IB-43, IB-27, IB-50, IB-51 and IS-102 were historically mixed in this building, as well as research and development of GAP Propellant. An explosion occurred at Building D-1-43 in 1973. Had a sump that was located along the south side of the building.

Name *Olin_Building_D-1-5*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
Olin_Building_D-1-5	Building	explosive waste		1/1/1997	Olin	Explosive waste storage
Olin_Building_D-1-5	Building		1/1/2001	10/1/2003	GDO&TS	Unknown
Olin_Building_D-1-5	Building		1/1/1997	1/1/2001	Primex	Cold Storage

Crab Orchard Building Summary *Area: 2D*

Name *Olin_Building_D-1-9*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
Olin_Building_D-1-9	Building	MOCA		1/1/1997	Olin	Built on the former location of IOP Building D-1-9. MOCA was reportedly used in this building.
Olin_Building_D-1-9	Building		1/1/1997	1/1/2001	Primex	Cold Storage
Olin_Building_D-1-9	Building		1/1/2001	10/1/2003	GDO&TS	Unknown

Crab Orchard Building Summary *Area: 2F*

Name *Building_F-2-1*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-2F_F-2-1	Building		1/1/1997	1/1/2001	Primex	Cold Storage
BDG-2F_F-2-1	Building	asbestos	1/1/1970	1/1/1997	Olin	Building noted for industrial use and storage of metal fabrication materials. Asbestos was noted in this building.
BDG-2F_F-2-1	Building		1/1/1960	1/1/1961	UMC	Unspecifed Stroage
BDG-2F_F-2-1	Building		1/1/2001	10/1/2003	GDO and TS	Unknown
BDG-2F_F-2-1	Building		1/1/1942	1/1/1945	SWDC/War Dept	Assembly, Packing, and Shipping Building
BDG-2F_F-2-1	Building		1/1/1953	1/1/1957	Ordill Foundry	Ordill Foundry and Manufacturing Company, makers of iron castings, began leasing Building F-2-1 in 1947. In 1953, Ordill sold their business to Charles Wood Corporation (Wood Corporation), who remained in F-2-1 until 1957.

Name *Building_F-2-10*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-2F_F-2-10	Building		1/1/1959	1/1/1961	UMC	Unspecified business and manufacturing purposes
BDG-2F_F-2-10	Building	sodium azide, asbestos	1/1/1970	1/1/1997	Olin	Unspecified Storage (1972-1973); 120 mm LAP production (1986); gas generator products (1990); large caliber R & D; possible paint line
BDG-2F_F-2-10	Building		1/1/1942	1/1/1945	SWDC/War Dept	Primer Loading Building
BDG-2F_F-2-10	Building		1/1/2001	10/1/2003	GDO and TS	Unknown
BDG-2F_F-2-10	Building		1/1/1997	1/1/2001	Primex	Unspecified manufacturing

Name *Building_F-2-11*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-2F_F-2-11	Building		1/1/1997	1/1/2001	Primex	Cold Storage
BDG-2F_F-2-11	Building	propellants, paints, nitroglycerin	1/1/1970	1/1/1997	Olin	During the 1970s the building was used for industrial purposes and storage. Olin also manufactured large artillery rounds and had propellant shaving operations. The building also contained a paint booth which had an exhaust stack.
BDG-2F_F-2-11	Building		1/1/1942	1/1/1945	SWDC/War Dept	This building served as a Change House. Wash waters from this building may have contained explosives/organic solvent residues, that either drained into the sewer system or into drainage ditches near the building.
BDG-2F_F-2-11	Building		1/1/1959	1/1/1961	UMC	Unspecified business and manufacturing purposes
BDG-2F_F-2-11	Building		1/1/2001	10/1/2003	GDO and TS	Unknown

Name *Building_F-2-12*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-2F_F-2-12	Building		1/1/2001	10/1/2003	GDO and TS	Unknown
BDG-2F_F-2-12	Building		1/1/1997	1/1/2001	Primex	Cold Storage
BDG-2F_F-2-12	Building		1/1/1970	1/1/1997	Olin	Used for industrial purposes and storage.
BDG-2F_F-2-12	Building		1/1/1959	1/1/1961	UMC	Unspecified business and manufacturing purposes
BDG-2F_F-2-12	Building		1/1/1942	1/1/1945	SWDC/War Dept	Change House

Name *Building_F-2-13*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-2F_F-2-13	Building		1/1/1942	1/1/1945	SWDC/War Dept	Timekeepers Building
BDG-2F_F-2-13	Building		1/1/1960	1/1/1961	UMC	Building used for unspecified business and manufacturing purposes and was razed between 1965 and 1971.

Name *Building_F-2-14*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-2F_F-2-14	Building		1/1/1942	1/1/1945	SWDC/War Dept	Building used as a Line Office and was razed sometime between 1965 and 1971.

Name *Building_F-2-15*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-2F_F-2-15	Building		1/1/1942	1/1/1945	SWDC/War Dept	During the IOP operations, Building F-2-15 was used as a Pump House.
BDG-2F_F-2-15	Building		1/1/2001	10/1/2003	GDO and TS	Unknown
BDG-2F_F-2-15	Building		1/1/1959	1/1/1961	UMC	Unspecified business and manufacturing purposes
BDG-2F_F-2-15	Building		1/1/1986	1/1/1997	Olin	Unknown
BDG-2F_F-2-15	Building		1/1/1997	1/1/2001	Primex	Cold Storage

Name *Building_F-2-2*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-2F_F-2-2	Building		1/1/1942	1/1/1945	SWDC/War Dept	Assembly, Packing, and Shipping Building: Fuses were assembled in this building
BDG-2F_F-2-2	Building		1/1/1959	1/1/1961	UMC	Unspecified business and manufacturing purposes
BDG-2F_F-2-2	Building	zinc chromate, cutting oils, degreasers, methylene chloride, TCE, solvents, PCBs, hazardous waste, asbestos, magnesium, boron, perchlorates, nitrates, peroxides, sidewinder mix, contaminated mix, aluminum powder, strontium nitrate, potassium perchlorate, aluminum powder, barium nitrate	1/1/1970	1/1/1997	Olin	Metal fabrication operations; shipping and receiving warehouse; storage of suspected PCB-containing transformers; 90-day hazardous waste accumulation area
BDG-2F_F-2-2	Building	hazardous waste	1/1/1997	1/1/2001	Primex	Lease noted for cold storage. Primex also used the building as an area where hazardous wastes were accumulated on-site for less than 90 days.
BDG-2F_F-2-2	Building		1/1/2001	10/1/2003	GDO and TS	empty drum storage

Name *Building_F-2-20*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-2F_F-2-20	Building	1,1,1-Trichlorethane	1/1/1986	1/1/1997	Olin	Olin began leasing this building in 1986 for cold storage. A 1987 Olin report listed 1,725 pounds on 1,1,1 Trichlorethane being stored in the building.
BDG-2F_F-2-20	Building		1/1/2001	10/1/2003	GDO and TS	Unknown
BDG-2F_F-2-20	Building		1/1/1997	1/1/2001	Primex	Cold Storage

Name *Building_F-2-24A*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-2F_F-2-24A	Building	hazardous waste	1/1/1997	1/1/2001	Primex	Building used by Primex as storage for accumulation of hazardous wastes on-site for less than 90 days.

Name *Building_F-2-25*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-2F_F-2-25	Building		1/1/1997	1/1/2001	Primex	Unknown

Name *Building_F-2-26*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-2F_F-2-26	Building		1/1/1997	1/1/2001	Primex	Unknown

Name *Building_F-2-2A*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-2F_F-2-2A	Building		1/1/2001	10/1/2003	GDO and TS	Unknown, no other information found.
BDG-2F_F-2-2A	Building		1/1/1997	1/1/2001	Primex	Building leased for cold storage. Location of the building was not determined but it is probably associated with Building F-2-2.

Name *Building_F-2-2B*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-2F_F-2-2B	Building		1/1/1997	1/1/2001	Primex	Building leased for cold storage. Location of the building was not determined but it is probably associated with Building F-2-2.
BDG-2F_F-2-2B	Building		1/1/2001	10/1/2003	GDO and TS	Unknown, no other information found.

Name *Building_F-2-3*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-2F_F-2-3	Building	PCBs (possibly)	1/1/1970	1/1/1997	Olin	Gas generator production (1980); testing and assembly of air bags (1990s); storage of suspected PCB-containing transformers (1979-1981)
BDG-2F_F-2-3	Building		1/1/2001	10/1/2003	GDO and TS	Unknown
BDG-2F_F-2-3	Building		1/1/1997	1/1/2001	Primex	Cold Storage
BDG-2F_F-2-3	Building		1/1/1959	1/1/1961	UMC	Unspecified business and manufacturing purposes
BDG-2F_F-2-3	Building	paint, solvents	1/1/1942	1/1/1945	SWDC/War Dept	Paint and Solvent Storage Building

Name *Building_F-2-31*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-2F_F-2-31	Building		1/1/1997	1/1/2001	Primex	Unknown

Name *Building_F-2-33*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-2F_F-2-33	Building	hazardous waste	1/1/1997	1/1/2001	Primex	Building used by Primex as storage for accumulation of hazardous wastes on-site for less than 90 days.

Name *Building_F-2-36*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-2F_F-2-36	Building	propellants	1/1/1997	1/1/2001	Primex	Primex constructed this building in 1998 and used it as a propellant grain pressing building.
BDG-2F_F-2-36	Building		1/1/2001	10/1/2003	GDO and TS	Unknown

Name *Building_F-2-4*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-2F_F-2-4	Building	PCBs (possibly)	1/1/1970	1/1/1997	Olin	Lease documents indicate Olin and its successors have occupied this building since 1980. Olin also used this building for storage of suspected PCB-containing transformers.
BDG-2F_F-2-4	Building		1/1/1997	1/1/2001	Primex	Cold Storage
BDG-2F_F-2-4	Building		1/1/2001	10/1/2003	GDO and TS	Unknown
BDG-2F_F-2-4	Building		1/1/1942	1/1/1945	SWDC/War Dept	Detonator and Relay Service Magazine
BDG-2F_F-2-4	Building		1/1/1959	1/1/1961	UMC	Unspecified business and manufacturing purposes

Name *Building_F-2-5*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-2F_F-2-5	Building		1/1/1959	1/1/1961	UMC	Unspecified business and manufacturing purposes
BDG-2F_F-2-5	Building		1/1/1942	1/1/1945	SWDC/War Dept	Primer Dry House containing a primer dryer.
BDG-2F_F-2-5	Building		1/1/1997	1/1/2001	Primex	Unspecified manufacturing
BDG-2F_F-2-5	Building		1/1/2001	10/1/2003	GDO and TS	Unknown
BDG-2F_F-2-5	Building	asbestos, sodium azide, propellants	1/1/1986	1/1/1997	Olin	Building housed the production of some gas generator products. During the 1990s the building was used to test and assemble air bags with a process that used sodium azide. Building also used for propellant storage and igniter bag assembly.

Name *Building_F-2-6*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-2F_F-2-6	Building		1/1/1942	1/1/1945	SWDC/War Dept	Detonator and Relay Service Magazine that was razed prior to 1965.

Name *Building_F-2-7*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-2F_F-2-7	Building		1/1/1942	1/1/1945	SWDC/War Dept	Booster Service Magazine that was razed before 1965.

Name *Building_F-2-8*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-2F_F-2-8	Building		1/1/1997	1/1/2001	Primex	Cold Storage
BDG-2F_F-2-8	Building		1/1/1986	1/1/1997	Olin	Building F-2-8 is located in the southeastern part of Area 2F which was apparently unused from sometime before 1980 until 1986. Olin began occupying Building F-2-8 in 1986. Olin's use of this building was not determined.
BDG-2F_F-2-8	Building		1/1/1942	1/1/1945	SWDC/War Dept	Black Powder Pellet Rest House
BDG-2F_F-2-8	Building		1/1/2001	10/1/2003	GDO and TS	Unknown
BDG-2F_F-2-8	Building		1/1/1959	1/1/1961	UMC	Unspecified business and manufacturing purposes

Name *Building_F-2-9*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-2F_F-2-9	Building	asbestos	1/1/1970	1/1/1997	Olin	Unspecified storage: In June of 1986, seven 55-gallon drums with unknown contents were being stored in this building; asbestos tile was noted here as well.
BDG-2F_F-2-9	Building		1/1/2001	10/1/2003	GDO and TS	Unknown
BDG-2F_F-2-9	Building		1/1/1997	1/1/2001	Primex	Cold Storage
BDG-2F_F-2-9	Building		1/1/1959	1/1/1961	UMC	Unspecified Business and Manufacturing Purposes
BDG-2F_F-2-9	Building	black powder, shellac dye solution	1/1/1942	1/1/1945	SWDC/War Dept	Delay Load Building: Operations consisted of inserting black powder pellets into delay holders and compressing or consolidating them. The delay holders were dipped in a "Shellac Dye Solution" prior to loading. Spillage of this solution may have washed out the doorway of the building during operation.

Name *Building_F-6-45*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-2F_F-6-45	Building		1/1/2001	10/1/2003	GDO and TS	Unknown
BDG-2F_F-6-45	Building		1/1/1997	1/1/2001	Primex	Cold Storage
BDG-2F_F-6-45	Building	MXU4A/A, trichloroethane, oxamide	1/1/1970	1/1/1997	Olin	Building F-6-45 is in the location of the former nine-building facility. Olin referred to this building as the gymnasium and used it as a storage facility for components and finished products (mixed storage of primers and MXU4A/A). A 1988 Olin air source inventory indicates this building housed a vapor degreaser which used trichloroethane, and a 1991 Olin receiving report listed 50 pounds of oxamide with a location of "F-645."
BDG-2F_F-6-45	Building		1/1/1900	1/1/1900	Job Corps	Building used as a gymnasium and to possibly work on school buses and other auto mechanic work.

Name *Building_P-1-1*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-2P_P-1-1	Building	black powder, beeswax, shellac	1/1/1942	1/1/1945	SWDC/War Dept	Primer Loading Building: Black powder pellets from Building P-1-10 (Black Powder Pelleting Building) were loaded into primer cartridges that were prepared in Building P-1-3 (Primer Preparation Building). The primers were then sealed using small amounts of beeswax and shellac, and taken to Building P-1-2 (Primer Rest House) for temporary storage.
BDG-2P_P-1-1	Building		1/1/1997	1/1/2001	Primex	Unspecified manufacturing
BDG-2P_P-1-1	Building	propellant, ammonium nitrate, copper chromite, hexane, ethyl alcohol, acetone, solvents, No. 2 fuel oil		1/1/1997	Olin	Contained engineering and development offices, labs and Pilot Scale Manufacturing Activities. It also contained propellant lathes, a sander, and a mill for the shaping of propellant grains. Olin was using hexane, ethyl alcohol, and acetone in this building. A sump was also located on the north side of Building P-1-1. In this building, explosives were blended with No. 2 fuel oil in preparation for transportation offsite.
BDG-2P_P-1-1	Building		1/1/2001	10/1/2003	GDO and TS	Unknown

Name *Building_P-1-10*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-2P_P-1-10	Building	black powder	1/1/1942	1/1/1945	SWDC/War Dept	Black Powder Pelleting Building. After the powder was dried in Building P-1-8 (Black Powder Dry House), it was pelletized in Building P-1-10. This building was a long compartmentalized building with three pellet pressing areas and pelleting presses that were separated by 1-ft thick concrete walls for explosion control. From this building, they were probably transported to the Primer Loading Building (Building P-1-1) for loading into primer cartridges.
BDG-2P_P-1-10	Building	gas generators, ammunition, uranium, solvents, trichlorethane, GENESOLV 5535		1/1/1997	Olin	Ballistic Test Building. Changed from a research and development testing facility to a pressing facility for the production of ammunition products.Housed a research and development operation associated with the loading of depleted uranium (DU) ammunition for the Navy. Included a degreaser for metal cleaning. The degreasing solvent was reported as "trichlorethane" at one time, and "GENESOLV 5535," at another.
BDG-2P_P-1-10	Building		1/1/2001	10/1/2003	GDO and TS	Unknown
BDG-2P_P-1-10	Building		1/1/1997	1/1/2001	Primex	Unspecified manufacturing

Name *Building_P-1-10A*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-2P_P-1-10A	Building			1/1/1997	Olin	Building P-1-10A was located adjacent to the south of Building P-1-10.

Name *Building_P-1-11*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-2P_P-1-11	Building		1/1/2001	10/1/2003	GDO and TS	Unknown
BDG-2P_P-1-11	Building		1/1/1997	1/1/2001	Primex	Cold storage
BDG-2P_P-1-11	Building	ball powder, ammonium nitrate, nitroglycerin, double base propellant, ammonium perchlorate, potassium perchlorate, pyrotechnics, flares, solvents, gas generators, oils		1/1/1997	Olin	Hazards testing laboratory was located upstairs. Research and development activities also included testing of the products.
BDG-2P_P-1-11	Building		1/1/1942	1/1/1945	SWDC/War Dept	Change House.

Name *Building_P-1-12*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-2P_P-1-12	Building		1/1/1942	1/1/1945	SWDC/War Dept	Timekeepers Building
BDG-2P_P-1-12	Building		1/1/2001	10/1/2003	GDO and TS	Unknown
BDG-2P_P-1-12	Building			1/1/1997	Olin	Olin later used this building as a Guard Office.
BDG-2P_P-1-12	Building		1/1/1997	1/1/2001	Primex	Unspecified manufacturing

Name *Building_P-1-13*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BG7-5-13	Building	solvents	1/1/1942	1/1/1945	SWDC/War Dept	Solvent Storage Building. This building was used in association with Building P-1-3 (Primer Preparation Building).

Name *Building_P-1-14*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-2P_P-1-14	Building	monosodiumphosphate, caustic soda, sodium sulfite, sodium meta bisulfite, cyclo hexylamine solution, fuel oil, metals, phosphate, alkaline solution, sulphite, ammonia, zeolite, salt brine		1/1/1997	Olin	Boiler house. It appeared that the scarred area was the result of a liquid release. There appeared to be a small body of liquid along the western portion of the scar. By 1971, there was some possible surficial scarring observed to the south of the boiler house. The locations of USTs were not determined.
BDG-2P_P-1-14	Building		1/1/1942	1/1/1945	SWDC/War Dept	This boiler house used coal-fired boilers. An area of surficial discoloration, which may be associated with fuel (i.e. coal or oil) loading activities for the boiler house, was observed in the 1943 aerial photographs along the west side of the building. This surficial discoloration was still present in 1951.

Name *Building_P-1-15*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-2P_P-1-15	Building		1/1/2001	10/1/2003	GDO and TS	Unknown
BDG-2P_P-1-15	Building		1/1/1997	1/1/2001	Primex	Cold storage
BDG-2P_P-1-15	Building	propellant		1/1/1997	Olin	Drying propellant grains. This building may have also been used for “Weather Mod Manufacturing.” Used this building for R&D of explosives.

Name *Building_P-1-16*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-2P_P-1-16	Building				Olin	Building P-1-16 was built sometime prior to 1965 and was located northeast of Building P-1-11.

Name *Building_P-1-17*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-2P_P-1-17	Building				unknown	Buildings P-1-17 and P-1-18 were located north of Building P-1-3.

Name *Building_P-1-18*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-2P_P-1-18	Building				unknown	Buildings P-1-17 and P-1-18 were located north of Building P-1-3.

Name *Building_P-1-19*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-2P_P-1-19	Building				unknown	Building P-1-19 was located just west of Building P-1-10 in the current location of Building P-1-43.

Name *Building_P-1-2*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-2P_P-1-2	Building		1/1/1942	1/1/1945	SWDC/War Dept	Primer Rest House. After the primers were loaded and sealed in Building P-1-1 (Primer Loading Building), they were taken to Building P-1-2 for temporary storage. They would be loaded onto trucks from this building for distribution.
BDG-2P_P-1-2	Building			1/1/1997	Olin	Unknown

Name *Building_P-1-20*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-2P_P-1-20	Building				Olin	Sometime between 1965 and 1971, Building P-1-20 was located north of Building P-1-51. At another time, P-1-20 was located just north and almost adjacent to Building P-1-10. It is no longer on site in either of these locations.

Name *Building_P-1-23*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-2P_P-1-23	Building				Olin	Building P-1-23 was built sometime between 1965 and 1971. Used building as an oven.

Name *Building_P-1-25*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-2P_P-1-25	Building	propellant, igniter, ammonium nitrate, hydrogen fluoride, cyanogen			Olin	Scrap Storage Magazine for Class 7 propellant (from Building P-1-3), igniter scrap, and ammonium nitrate propellant grains. Magazine reportedly housed canisters of hydrogen fluoride and cyanogen and one unidentified bottle.

Name *Building_P-1-26*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-2P_P-1-26	Building	ammonium nitrate			Olin	Scrap Storage Magazine for igniter scrap and ammonium nitrate propellant grains.

Name *Building_P-1-27*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-2P_P-1-27	Building		1/1/1997	10/1/2003	Primex	Cold storage
BDG-2P_P-1-27	Building	incendiary mix		1/1/1997	Olin	Storage building for incendiary mixes
BDG-2P_P-1-27	Building		1/1/2001	10/1/2003	GDO and TS	Unknown

Name *Building_P-1-28*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-2P_P-1-28	Building				Olin	The use of the buildings was not determined, and they are no longer present. These buildings were removed sometime between1980 and 1993.

Name *Building_P-1-29*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-2P_P-1-29	Building				Olin	The use of the buildings was not determined, and they are no longer present. These buildings were removed sometime between1980 and 1993.

Name *Building_P-1-3*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-2P_P-1-3	Building	degreasers	1/1/1942	1/1/1945	SWDC/War Dept	Primer Preparation Building. Primer cartridges were probably cleaned and prepared and percussion elements from Building P-1-4 (Percussion Element Service Building) loaded into the cases in Building P-1-3. This building contained four presses and one degreaser. The primer cartridges were taken from Building P-1-3 to Building P-1-1 (Primer Loading Building), for loading.
BDG-2P_P-1-3	Building	solvents, oils, nitroglycerin double base propellant, ammonium perchlorate, potassium perchlorate, methanol, toluene, methyl ethyl ketone, Epirez 510 (resin), triacetin, ammonium nitrate, hazardous waste storage, MOCA		1/1/1997	Olin	Pressure Test Room. In 1975 this building had a gas generator machine shop, an x-ray lab, and a welding area (on the east side of the building). There was a quality control lab in the center of the building. Housed a gas generator assembly facility and that there was a “fairly large” degreaser, about 6 or 7 ft tall, in the building. This was used in the gas generator manufacturing process. Planned to use this building for hazardous waste storage.
BDG-2P_P-1-3	Building	hazardous waste	1/1/1997	1/1/2001	Primex	Unspecified manufacturing and hazardous wastes were accumulated on-site for less than 90 days.
BDG-2P_P-1-3	Building		1/1/2001	10/1/2003	GDO and TS	Unknown

Name *Building_P-1-30*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-2P_P-1-30	Building				Olin	The use of the buildings was not determined, and they are no longer present. These buildings were removed sometime between1980 and 1993.

Name *Building_P-1-31*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-2P_P-1-31	Building				Olin	The use of the buildings was not determined, and they are no longer present. These buildings were removed sometime between1980 and 1993.

Name *Building_P-1-32*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-2P_P-1-32	Building				Olin	The use of the buildings was not determined, and they are no longer present. These buildings were removed sometime between1980 and 1993.

Name *Building_P-1-33*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-2P_P-1-33	Building				Olin	The use of the buildings was not determined, and they are no longer present. These buildings were removed sometime between1980 and 1993.

Name *Building_P-1-34*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-2P_P-1-34	Building				Olin	The use of the buildings was not determined, and they are no longer present. These buildings were removed sometime between 1980 and 1993.

Name *Building_P-1-35*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-2P_P-1-35	Building				Olin	The use of the buildings was not determined, and they are no longer present. These buildings were removed sometime between1980 and 1993.

Name *Building_P-1-36*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-2P_P-1-36	Building				Olin	The use of the buildings was not determined, and they are no longer present. These buildings were removed sometime between 1980 and 1993.

Name *Building_P-1-38*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-2P_P-1-38	Building				Olin	Building P-1-38 was built sometime between 1965 and 1971. Olin's use of this building was not determined. This building was removed sometime between 1980 and 1993.

Name *Building_P-1-4*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-2P_P-1-4	Building		1/1/1942	1/1/1945	SWDC/War Dept	Percussion Element Service Building. Percussion elements were stored in this building until they were needed in Building P-1-3 (Primer Preparation Building).

Name *Building_P-1-42*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-2P_P-1-42	Building		1/1/1997	1/1/2001	Primex	Cold storage
BDG-2P_P-1-42	Building		1/1/2001	10/1/2003	GDO and TS	Unknown
BDG-2P_P-1-42	Building			1/1/1997	Olin	Building P-1-42 was in the location of former Building P-1-4. Aerial photographic interpretation was unable to determine when P-1-42 originally appeared on site.

Name *Building_P-1-43*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-2P_P-1-43	Building			1/1/1997	Olin	Compressor house.
BDG-2P_P-1-43	Building		1/1/1997	1/1/2001	Primex	Cold storage
BDG-2P_P-1-43	Building		1/1/2001	10/1/2003	GDO and TS	Unknown

Name *Building_P-1-44*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-2P_P-1-44	Building				Olin	Building P-1-44 was located next to (and possibly attached to) Building P-1-43. This building was removed sometime between 1975 and 1980.

Name *Building_P-1-45*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-2P_P-1-45	Building				Olin	Housed igniter material

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Name *Building_P-1-47*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-2P_P-1-47	Building				Olin	Housed igniter material

Name *Building_P-1-48*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-2P_P-1-48	Building				Olin	Not one of the original IOP buildings, contained a boiler.

Name *Building_P-1-49*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-2P_P-1-49	Building			1/1/1997	Olin	Storage of inert metal parts.
BDG-2P_P-1-49	Building		1/1/1997	1/1/2001	Primex	Cold storage
BDG-2P_P-1-49	Building		1/1/2001	10/1/2003	GDO and TS	Unknown

Name *Building_P-1-5*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-2P_P-1-5	Building		1/1/2001	10/1/2003	GDO and TS	Unknown
BDG-2P_P-1-5	Building		1/1/1997	1/1/2001	Primex	Unknown
BDG-2P_P-1-5	Building	black powder	1/1/1942	1/1/1945	SWDC/War Dept	Black Powder Service Magazine. Blackpowder would be delivered to this magazine via truck, for storage prior to transporting it to Building P-1-6 (Black Powder Screening Building) for screening.
BDG-2P_P-1-5	Building	propellant		1/1/1997	Olin	Propellant grain casting.

Name *Building_P-1-50*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-2P_P-1-50	Building		1/1/2001	10/1/2003	GDO and TS	Unknown
BDG-2P_P-1-50	Building		1/1/1997	1/1/2001	Primex	Cold storage
BDG-2P_P-1-50	Building			1/1/1997	Olin	Inert metal parts.

Name *Building_P-1-51*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-2P_P-1-51	Building			1/1/1997	Olin	"Weather Mod. Storage" and storage of inert metal parts.
BDG-2P_P-1-51	Building		1/1/2001	10/1/2003	GDO and TS	Unknown
BDG-2P_P-1-51	Building		1/1/1997	1/1/2001	Primex	Cold storage

Name *Building_P-1-52*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-2P_P-1-52	Building		1/1/1997	1/1/2001	Primex	Cold storage
BDG-2P_P-1-52	Building	oxidizers		1/1/1997	Olin	"Oxidizers". Likely housed up to 1,000 pounds of oxidizers in this building.
BDG-2P_P-1-52	Building		1/1/2001	10/1/2003	GDO and TS	Unknown

Name *Building_P-1-53*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-2P_P-1-53	Building	propellants		1/1/1997	Olin	Housed up to 500 pounds of propellant in this building.
BDG-2P_P-1-53	Building		1/1/1997	1/1/2001	Primex	Cold storage
BDG-2P_P-1-53	Building		1/1/2001	10/1/2003	GDO and TS	Unknown

Name *Building_P-1-54*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-2P_P-1-54	Building		1/1/2001	10/1/2003	GDO and TS	Unknown
BDG-2P_P-1-54	Building		1/1/1997	1/1/2001	Primex	Unknown
BDG-2P_P-1-54	Building	metals, phosphate, alkaline solution, sulphite, ammonia, zeolite, salt brine.		1/1/1997	Olin	Building contained a boiler that was previously blown down onto the ground surface. Heavy metals contamination is possible in the area of the boiler blow-down.

Name *Building_P-1-55*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-2P_P-1-55	Building		1/1/1997	1/1/2001	Primex	These buildings are ramps, hallways, utility systems, or boiler rooms, and were not used as part of manufacturing or cold storage.
BDG-2P_P-1-55	Building			1/1/1997	Olin	The locations of these buildings were not determined.
BDG-2P_P-1-55	Building		1/1/2001	10/1/2003	GDO and TS	Unknown

Name *Building_P-1-59*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-2P_P-1-59	Building			1/1/1997	Olin	The locations of these buildings were not determined.
BDG-2P_P-1-59	Building		1/1/2001	10/1/2003	GDO and TS	Unknown
BDG-2P_P-1-59	Building		1/1/1997	1/1/2001	Primex	These buildings are ramps, hallways, utility systems, or boiler rooms, and were not used as part of manufacturing or cold storage.

Name *Building_P-1-6*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-2P_P-1-6	Building	black powder	1/1/1942	1/1/1945	SWDC/War Dept	Black Powder Screening Building. Blackpowder screening took place in Building P-1-6, and then the black powder was moved to Building P-1-7 (Black Powder Rest House) for temporary storage prior to drying. Building P-1-6 contained a screening room (which contained a black powder sifter), a screening charge room and a powder rest room.
BDG-2P_P-1-6	Building		1/1/2001	10/1/2003	GDO and TS	Unknown
BDG-2P_P-1-6	Building	TMETN, TEGDN, diethylene glycol, dicyanoethyl-diamino-propane		1/1/1997	Olin	Utility Building: Intended to use Building P-1-83 for large-scale synthesis of an energetic polymer which involved chemicals such as diethylene glycol and dicyanoethyl-diamino-propane.
BDG-2P_P-1-6	Building		1/1/1997	1/1/2001	Primex	cold storage. Used this building as an area where hazardous wastes were accumulated on-site for less than 90 days.

Name *Building_P-1-60*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-2P_P-1-60	Building		1/1/2001	10/1/2003	GDO and TS	Unknown
BDG-2P_P-1-60	Building		1/1/1997	1/1/2001	Primex	Cold storage
BDG-2P_P-1-60	Building			1/1/1997	Olin	Building P-1-60 was not one of the original IOP buildings. The existence of this building is known from references in documents and the location has not been determined.

Name *Building_P-1-61*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-2P_P-1-61	Building			1/1/1997	Olin	Building P-1-61 was not an original IOP building. The existence of this building is known from references in documents and the location has not been determined.
BDG-2P_P-1-61	Building		1/1/2001	10/1/2003	GDO and TS	Unknown
BDG-2P_P-1-61	Building		1/1/1997	1/1/2001	Primex	Either a ramp, hallway, utility system, or boiler room, and was not used as part of manufacturing or cold storage.

Name *Building_P-1-62*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-2P_P-1-62	Building		1/1/2001	10/1/2003	GDO and TS	Unknown
BDG-2P_P-1-62	Building	hazardous waste	1/1/1997	1/1/2001	Primex	Cold storage. Used this building as an area where hazardous wastes were accumulated on-site for less than 90 days.
BDG-2P_P-1-62	Building	explosives, ammonium nitrate		1/1/1997	Olin	Storing explosive waste scrap, as well as up to at least 1000 pounds of ammonium nitrate. Likely housed up to 2,000 pounds of explosive waste in this building.

Name *Building_P-1-63*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-2P_P-1-63	Building	propellants		1/1/1997	Olin	Propellants, was built sometime between 1980 and 1993. Housed up to 2,000 pounds of propellant in this building.
BDG-2P_P-1-63	Building		1/1/1997	1/1/2001	Primex	Cold storage
BDG-2P_P-1-63	Building		1/1/2001	10/1/2003	GDO and TS	Unknown

Name *Building_P-1-64*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-2P_P-1-64	Building	primers		1/1/1997	Olin	Primers, was built sometime between 1980 and 1993.
BDG-2P_P-1-64	Building		1/1/1997	1/1/2001	Primex	Cold storage
BDG-2P_P-1-64	Building		1/1/2001	10/1/2003	GDO and TS	Unknown

Name *Building_P-1-65*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-2P_P-1-65	Building		1/1/1997	1/1/2001	Primex	Cold storage
BDG-2P_P-1-65	Building		1/1/2001	10/1/2003	GDO and TS	Unknown
BDG-2P_P-1-65	Building			1/1/1997	Olin	Trace Mix, was built sometime between 1980 and 1993.

Name *Building_P-1-66*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-2P_P-1-66	Building		1/1/1997	1/1/2001	Primex	Cold storage
BDG-2P_P-1-66	Building		1/1/2001	10/1/2003	GDO and TS	Unknown
BDG-2P_P-1-66	Building	explosives		1/1/1997	Olin	Working Magazine, stored DOT Class 1.1, 1.2, and 1.3 explosives in this building.

Name *Building_P-1-67*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-2P_P-1-67	Building	igniters, fuses		1/1/1997	Olin	Built sometime between 1980 and 1993. Likely housed both igniters and fuses in this building.
BDG-2P_P-1-67	Building		1/1/1997	1/1/2001	Primex	Cold storage
BDG-2P_P-1-67	Building		1/1/2001	10/1/2003	GDO and TS	Unknown

Name *Building_P-1-68*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-2P_P-1-68	Building	blast caps		1/1/1997	Olin	Blast Caps, was built sometime between 1980 and 1993.
BDG-2P_P-1-68	Building		1/1/1997	1/1/2001	Primex	Cold storage
BDG-2P_P-1-68	Building		1/1/2001	10/1/2003	GDO and TS	Unknown

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Name *Building_P-1-69*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-2P_P-1-69	Building	explosives (A4, C4, RDX)		1/1/1997	Olin	High Explosives (A-4, C-4, RDX [Royal Demolition Explosive]), was built sometime between 1980 and 1993.
BDG-2P_P-1-69	Building		1/1/2001	10/1/2003	GDO and TS	Unknown
BDG-2P_P-1-69	Building		1/1/1997	1/1/2001	Primex	Cold storage

Name *Building_P-1-7*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-2P_P-1-7	Building	explosives		1/1/1997	Olin	Olin reportedly used Building P-1-7 for "H.E. Ammo" (high explosive ammunition). In 1985, Olin likely housed up to 190 pounds of projectiles and cartridges in this building.
BDG-2P_P-1-7	Building		1/1/1997	1/1/2001	Primex	Cold storage
BDG-2P_P-1-7	Building	black powder	1/1/1942	1/1/1945	SWDC/War Dept	Black Powder Rest House. The black powder was probably moved from Building P-1-6 (Black Powder Screening Building) to Building P-1-7 for temporary storage prior to drying in Building P-1-8 (Black Powder DryHouse).
BDG-2P_P-1-7	Building		1/1/2001	10/1/2003	GDO and TS	Unknown

Name *Building_P-1-70*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-2P_P-1-70	Building		1/1/2001	10/1/2003	GDO and TS	Unknown
BDG-2P_P-1-70	Building	hazardous waste	1/1/1997	1/1/2001	Primex	Cold storage and hazardous wastes were accumulated on-site for less than 90 days.
BDG-2P_P-1-70	Building	explosives	1/1/1982	1/1/1997	Olin	Building P-1-70 was not an original IOP building. Used for storing explosive waste scrap.

Name *Building_P-1-71*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-2P_P-1-71	Building		1/1/2001	10/1/2003	GDO and TS	Unknown
BDG-2P_P-1-71	Building		1/1/1997	1/1/2001	Primex	Cold storage
BDG-2P_P-1-71	Building	metal fuel		1/1/1997	Olin	Building P-1-71 was not an original IOP building. Used for Metal Fuel.

Name *Building_P-1-72*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-2P_P-1-72	Building		1/1/2001	10/1/2003	GDO and TS	Unknown
BDG-2P_P-1-72	Building	HE ammo	1/1/1982	1/1/1997	Olin	H.E. Ammo
BDG-2P_P-1-72	Building		1/1/1997	1/1/2001	Primex	Cold storage

Name *Building_P-1-73*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-2P_P-1-73	Building		1/1/1982	1/1/1997	Olin	T.P. Ammo: Housed projectiles and cartridges in this building

Name *Building_P-1-74*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-2P_P-1-74	Building	ammonium nitrate, TMETN [Trimethylolethane Trinitrate], TEGDN [Triethylene Glycol Dinitrate]	1/1/1982	1/1/1997	Olin	Unknown
BDG-2P_P-1-74	Building		1/1/2001	10/1/2003	GDO and TS	Unknown
BDG-2P_P-1-74	Building		1/1/1997	1/1/2001	Primex	Cold storage

Name *Building_P-1-75*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-2P_P-1-75	Building		1/1/2001	10/1/2003	GDO and TS	Unknown
BDG-2P_P-1-75	Building		1/1/1997	1/1/2001	Primex	Cold storage
BDG-2P_P-1-75	Building	TMETN [Trimethylolethane Trinitrate], TEGDN [Triethylene Glycol Dinitrate]	1/1/1982	1/1/1997	Olin	Housed propellant in this building. Intended to use P-1-75 for storage of plasticizers TMETN and TEGDN.

Name *Building_P-1-77*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-2P_P-1-77	Building	energetic plasticizer		1/1/1997	Olin	Energetic Plasticizer Storage.

Name *Building_P-1-78*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-2P_P-1-78	Building	propellant		1/1/1997	Olin	Propellant storage.

Name *Building_P-1-79*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-2P_P-1-79	Building	propellants, gas generators		1/1/1997	Olin	Propellant processing, likely for gas generator loading activities.

Name *Building_P-1-8*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-2P_P-1-8	Building		1/1/2001	10/1/2003	GDO and TS	Unknown
BDG-2P_P-1-8	Building	black powder	1/1/1942	1/1/1945	SWDC/War Dept	Black Powder Dry House. After the black powder was screened in Building P-1-6 (Black Powder Screening Building) and temporarily stored in Building P-1-7 (Black Powder Rest House), it was probably transported to Building P-1-8 for drying. After drying, it was probably transported to Building P-1-10 (Black Powder Pelleting Building) for pelletizing.
BDG-2P_P-1-8	Building		1/1/1997	1/1/2001	Primex	Cold storage
BDG-2P_P-1-8	Building	epalm, DTA112, epoxy mixes, MOCA, adaprene, solvents		1/1/1997	Olin	Storage of chemicals

Name *Building_P-1-80*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-2P_P-1-80	Building	propellants		1/1/1997	Olin	Propellant mixing.

Name *Building_P-1-82*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-2P_P-1-82	Building	propellants		1/1/1997	Olin	Used for propellant curing.

Name *Building_P-1-84*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-2P_P-1-84	Building	waste storage		1/1/1997	Olin	Storage of inert metal parts.

Name *Building_P-1-85*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-2P_P-1-85	Building		1/1/2001	10/1/2003	GDO and TS	Unknown
BDG-2P_P-1-85	Building			1/1/1997	Olin	Not one of the original IOP buildings. The location of this building was not found. The existence of this building is known from references in documents.
BDG-2P_P-1-85	Building		1/1/1997	1/1/2001	Primex	Cold storage

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Name *Building_P-1-9*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-2P_P-1-9	Building		1/1/2001	10/1/2003	GDO and TS	Unknown
BDG-2P_P-1-9	Building		1/1/1997	1/1/2001	Primex	Cold storage
BDG-2P_P-1-9	Building	propellant, solvents		1/1/1997	Olin	Primed Cases Squibs. Chemical storage and possibly some solvent storage. Propellant was spread on the landscaped areas located between Buildings P-1-9 and P-1-10. It caught fire sometime in the mid-1970s.
BDG-2P_P-1-9	Building		1/1/1942	1/1/1945	SWDC/War Dept	Fan House, used in conjunction with Building P-1-8 (Black Powder Dry House) for drying the screened black powder.

Name *Dump_2P*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
DP_2P-1	Dump					A small, possible open dump was observed in the 1965 aerial photograph.

Name *RailroadSpur_Area_2R*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
RS-2R-2R	Rail_spur		1/1/2001	10/1/2003	GDO and TS	Unknown
RS-2R-2R	Rail_spur		1/1/1950	1/1/1950	Straitline Freight	trucking
RS-2R-2R	Rail_spur		1/1/1976	1/1/1976	E.T. Simonds	storage
RS-2R-2R	Rail_spur		1/1/1992	1/1/1997	Olin	A refuge narrative report indicates Olin began renovating the railroad spur in 1992 without prior approval from the Refuge. This work resulted in adverse effects on Killdeer nesting and on the Loggerhead shrike perching habitat. Olin ceased renovation until after the nesting season when they were issued a Special Use Permit allowing them to use the area. A possible disposal area containing various materials, including light-toned earthen materials, was noted in northernmost part of the area in the 1980 aerial photograph just south of the convergence of the center and western rail lines. These materials were removed by 1993.
RS-2R-2R	Rail_spur		1/1/1997	1/1/2001	Primex	Unknown
RS-2R-2R	Rail_spur		1/1/1942	1/1/1945	SWDC/War Dept	Area includes two storage areas, a rail spur, and a loading dock, all built by Sherwin Williams Defense Corp/War Department as part of IOP. A linear excavation near the intersection of Post Oak Road and Stringtown Road with an access road was observed in the 1943 aerial photo. The excavation appeared to contain liquid and a horizontal tank appeared to be visible just south of the excavation. The excavation was gone and revegetated by 1960. Use unknown.

Name *AST_1*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
AST7-1	AST		1/1/1972	1/1/1990	East Side Lumber	An above ground storage tank used for lead fuel storage for tow motors. Tank was used by East Side and associated with Building S-4-1. Exact location unknown.

Name *Building_S-3-4*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-A4E_S-3-4	Building		1/1/1942	1/1/1945	SWDC	Pump House
BDG-A4E_S-3-4	Building		1/1/1983	1/1/1985	SIU	Career Development Center
BDG-A4E_S-3-4	Building		1/1/1985	1/1/1990	Diagraph Corporation	Unknown (lease called this building a valve house)

Name *Building_S-4-1*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-A4E_S-4-1	Building		7/1/1971	6/1/1972	Shamrock Boat Manufacturing	Storage
BDG-A4E_S-4-1	Building		1/1/1942	1/1/1945	SWDC	Wash and Grease House: Vehicles were cleaned and lubricated; had three grease pits on the eastern side; Aerial photograph indicated liquid release on the northeast and western sides of the building.
BDG-A4E_S-4-1	Building		1/1/1958	1/1/1969	Schilli Transportation	Truck transport service garage. A contract between Schilli and U.S. Powder describes Schilli's work as receiving, handling, and transporting explosives and other products handled by U.S. Powder.
BDG-A4E_S-4-1	Building		7/1/1970	5/1/1971	Mark Twain Marine Industries	Fiberglass boat manufacturing
BDG-A4E_S-4-1	Building		1/1/1972	1/1/1990	East Side Lumber	Wholesale lumber supplies

Name *Building_S-4-2*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-A4E_S-4-2	Building		1/1/1985	1/1/1990	Diagraph Corporation	; Lease called this building a gas house.
BDG-A4E_S-4-2	Building		1/1/1942	1/1/1945	SWDC	Fuel Station: Consisted of fuel underground storage tanks, fuel pumps, and distribution lines. Building also contained restrooms, office space, and room for the station attendant.
BDG-A4E_S-4-2	Building		1/1/1983	1/1/1985	SIU-STC	Career Development Center

Name *Building_S-4-3*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-A4E_S-4-3	Building	Asbestos (removed)	1/1/1960	1/1/1961	E.T. Simonds	Construction material storage
BDG-A4E_S-4-3	Building	Asbestos (removed)	1/1/1942	1/1/1945	SWDC	Maintenance Garage: Repair of vehicles and equipment; it had painting, blacksmithing, and welding facilities. The 1951 aerial photograph showed surface discoloration, indicating a possible liquid release.
BDG-A4E_S-4-3	Building	Asbestos (removed)	1/1/1951	1/1/1953	East Side Lumber	Wholesale lumber supplies. East Side Lumber used the north side of the building.
BDG-A4E_S-4-3	Building	Asbestos (removed)	1/1/1951	1/1/1953	GTE	Storage of materials and supplies. GTE used the south side of the building.
BDG-A4E_S-4-3	Building	Asbestos (removed)	1/1/1958	1/1/1960	Dura Crates, Inc	Production and storage of crates and cartons
BDG-A4E_S-4-3	Building	Asbestos (removed)	1/1/1962	1/1/1971	SIU	Excess property storage and possibly vehicle maintenance, based on aerial photographs
BDG-A4E_S-4-3	Building	Asbestos (removed)	1/1/1973	1/1/1997	SIU	Excess property storage and possibly vehicle maintenance, based on aerial photographs

Name *Building_S-4-4*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-A4E_S-4-4	Building		1/1/1958	1/1/1962	Southern Metal Arts Company	Manufacturer and fabricator of wrought iron products
BDG-A4E_S-4-4	Building		1/1/1942	1/1/1945	SWDC	Oil Storage Builing: Possible drum storage area located between this building and Building S-4-5.
BDG-A4E_S-4-4	Building		1/1/1982	10/1/2003	Trojan Powder/Ensign Bickford	Storage
BDG-A4E_S-4-4	Building		1/1/1963	1/1/1982	Electric and Machine Co.	Mining equipment refurbishment: The 1965 aerial photograph identified surficial discoloration and openly stored materials to the north of the building.

Crab Orchard Building Summary *Area: Area*

Name *Building_S-4-5*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-A4E_S-4-5	Building		1/1/1961	1/1/1963	Massachusetts Electric Co.	Construction support
BDG-A4E_S-4-5	Building		1/1/1958	1/1/1961	McBride Trucking	Freight line terminal: Building damaged by fire (1957) from the explosion of an oil furnace
BDG-A4E_S-4-5	Building		1/1/1963	1/1/1982	Electric and Machine Co.	Mining equipment refurbishment
BDG-A4E_S-4-5	Building		1/1/1982		Midwest Brush Corporation	Production of latex rolls for their "roll-it-on" products
BDG-A4E_S-4-5	Building			1/1/1998	Primex Technologies	Shipping and receiving until the building was destroyed in 1998. After the building was destroyed shipping and receiving was relocated to Building S-3-3 (in Area 4 West).
BDG-A4E_S-4-5	Building			1/1/1980	Marion Civil Defense	Unknown
BDG-A4E_S-4-5	Building		1/1/1942	1/1/1945	SWDC	Auto Parts Storage Building

Name *UST_1*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
UST7-1	UST		1/1/1972	1/1/1990	East Side Lumber	An underground storage tank associated with Building S-4-1 while East Side Lumber was the lessee. Exact location unknown.

Name *UST_2*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
UST-A4E_2	UST		1/1/1974	6/1/1974	Olin	Olin used this tank for fuel storage. It is unknown whether or not this is one of the two tanks used by Olin.
UST-A4E_2	UST		1/1/1942	1/1/1945	SWDC	One of four underground storage fuel tanks associated with Building S-4-2.

Name *UST_3*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
UST-9-3	UST		1/1/1974	6/1/1974	Olin	Olin used this tank for fuel storage. It is unknown whether or not this is one of the two tanks used by Olin.
UST-9-3	UST		1/1/1942	1/1/1945	SWDC	One of four underground storage fuel tanks associated with Building S-4-2.

Name *UST_4*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
UST-9-4	UST		1/1/1942	1/1/1945	SWDC	One of four underground storage fuel tanks associated with Building S-4-2.

Name *UST_5*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
UST-95	UST		1/1/1942	1/1/1945	SWDC	One of four underground storage fuel tanks associated with Building S-4-2.

Name *Building_S-1-1*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-A4W_S-1-1	Building	Waste oil, chlorinated solvents	1/1/1942	1/1/1945	SWDC	Locomotive diesel repair. Repair of diesel engines generates large amounts waste oil and other lubricants and possibly chlorinated solvents.
BDG-A4W_S-1-1	Building		1/1/1983	2/1/1985	Southern Illinois University	Unknown
BDG-A4W_S-1-1	Building		2/1/1985	8/1/1990	Diagraph	Unknown
BDG-A4W_S-1-1	Building		10/1/2003	10/1/2003	GDO and TS	Unknown

Name *Building_S-1-2*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-A4W_S-1-2	Building	carbon tetrachloride	1/1/1942	1/1/1945	SWDC	Tool and Gage Shop
BDG-A4W_S-1-2	Building			10/1/2003	Illinois Department of Natural Resources	Unknown
BDG-A4W_S-1-2	Building		1/1/1949	1/1/1958	R.K. Manufacturing Company	Manufacturing specialty transformers
BDG-A4W_S-1-2	Building		1/1/1974	1/1/1982	Midwest Brush	Manufacturing coder cartridges
BDG-A4W_S-1-2	Building		1/1/1959	1/1/1974	National Reproductions	Printing shop

Name *Building_S-1-3*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-A4W_S-1-3	Building		1/1/1946	1/1/1947	B.E. Brennan and Company	Unknown
BDG-A4W_S-1-3	Building		7/16/1947	7/1/1949	Fred W. Ervin	Unknown
BDG-A4W_S-1-3	Building		1/1/1959	1/1/1959	Southern Illinois University-Department of Spe	Training center for mentally handicapped
BDG-A4W_S-1-3	Building		1/1/1961	1/1/1963	Southern Illinois University-Department of Spe	Training center for mentally handicapped
BDG-A4W_S-1-3	Building		1/1/1962	1/1/1962	Midwest Brush	Stencil and stencil brush manufacture
BDG-A4W_S-1-3	Building		1/1/1965	1/1/1997	Midwest Brush	Stencil and stencil brush manufacture
BDG-A4W_S-1-3	Building		10/1/2003	10/1/2003	Williamson County Emergency Management A	
BDG-A4W_S-1-3	Building		1/1/1942	1/1/1945	SWDC	Laboratory

Name *Building_S-1-4*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-A4W_S-1-4	Building		7/16/1947	7/1/1949	Fred W. Ervin	Unknown
BDG-A4W_S-1-4	Building		1/1/1942	1/1/1945	SWDC	Rest House (for laboratory samples)
BDG-A4W_S-1-4	Building		1/1/1946	1/1/1947	B.E. Brennan and Company	Unknown
BDG-A4W_S-1-4	Building		10/1/2003	10/1/2003	Williamson County Emergency Management A	

Name *Building_S-2-1*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-A4W_S-2-1	Building	chlorinated solvents	1/1/1947	7/1/1947	Diagraph	Unknown
BDG-A4W_S-2-1	Building		8/1/1951	4/1/1954	General Radiator Company	Production of industrial engine cooling radiators
BDG-A4W_S-2-1	Building		1/1/1949	1/1/1949	USFWS	Shop
BDG-A4W_S-2-1	Building		1/1/1974	3/16/1978	Mental Health Services of Franklin and William	Unknown
BDG-A4W_S-2-1	Building		5/1/1961	1/1/1974	Southern Illinois University	Handicapped training center
BDG-A4W_S-2-1	Building		1/1/1955	2/1/1961	Dura Crates, Inc.	Crate manufacturer
BDG-A4W_S-2-1	Building	lead, chlorinated solvents	1/1/1942	1/1/1945	SWDC	Piping and plumbing shop

Name *Building_S-2-2*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-A4W_S-2-2	Building		1/1/1960	2/1/1961	Dura Crates, Inc.	The foundation of the building was used for the open storage of crates.
BDG-A4W_S-2-2	Building		1/1/1955	12/1/1959	Dura Crates, Inc.	Grate manufacturing until the building was destroyed by fire in December of 1959.
BDG-A4W_S-2-2	Building		1/1/1951	1/1/1954	Ordill Machine Corporation	Tool and dye working
BDG-A4W_S-2-2	Building		1/1/1947	1/1/1949	R.K. Manufacturing Company	Manufacturing specialty transformers
BDG-A4W_S-2-2	Building	chlorinated solvents	1/1/1942	1/1/1945	SWDC	Machine shop

Name *Building_S-2-3*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-A4W_S-2-3	Building		1/1/1942	1/1/1945	SWDC	Boiler house: The 1943 aerial photograph indentified two probable basins on the western side. This boiler house did not have any underground storage tanks and was removed between 1960 and 1965.

Name *Building_S-2-4*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-A4W_S-2-4	Building		1/1/1950	1/1/1954	East Side Lumberyard Supply	Temporary storage of building materials: above and below ground storage tanks used for leaded fuel storage for tow motors.
BDG-A4W_S-2-4	Building	cadmium, zinc, chromium, aluminum, phosphates, black oxide, lead	1/1/1970	1/1/1984	Supreme Plating	Metal plating: spillage from the operatin was hosed into concrete troughs inside the building and drained into outside storage tanks.
BDG-A4W_S-2-4	Building		1/1/1956	1/1/1966	East Side Lumberyard Supply	Temporary storage of building materials: above and below ground storage tanks used for leaded fuel storage for tow motors.
BDG-A4W_S-2-4	Building		1/1/1946	1/1/1950	B.E. Brennan and Company	Unknown
BDG-A4W_S-2-4	Building		1/1/1942	1/1/1945	SWDC	Laundry facility for explosives contaminated work clothes.
BDG-A4W_S-2-4	Building		1/1/1966	1/1/1970	Midwest Brush	Unknown

Name *Building_S-2-5*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-A4W_S-2-5	Building	cadmium	4/1/1949	1/1/1952	The Herrin Plating Company/Radionic Product	Electroplating: wastes discharged into a ditch.
BDG-A4W_S-2-5	Building		1/1/1942	1/1/1945	SWDC	Light equipment repair/dry cleaners
BDG-A4W_S-2-5	Building		10/1/2003	10/1/2003	Williamson County Emergency Management A	Storage of equipment
BDG-A4W_S-2-5	Building	cadmium, zinc, chromium, aluminum, phosphates, black oxide, lead, cyanide	1/1/1963	1/1/1970	Supreme Plating	Metal plating
BDG-A4W_S-2-5	Building		1/1/1970	1/1/1982	Midwest Brush	Unknown
BDG-A4W_S-2-5	Building		1/1/1946	1/1/1948	B.E. Brennan and Company	Unknown
BDG-A4W_S-2-5	Building		7/1/1948	4/1/1949	Shepard	Never got into production

Name *Building_S-3-1*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-A4W_S-3-1	Building		1/1/1942	1/1/1945	SWDC	Carpenters shop: Three above ground storage tanks located to the west of the building. Appeared to be some surficial discoloration in the area.
BDG-A4W_S-3-1	Building		10/1/2003	10/1/2003	GDO and TS	Warehouse
BDG-A4W_S-3-1	Building			1/1/2001	Primex	Unknown
BDG-A4W_S-3-1	Building		1/1/1965	1/1/1990	East Side Lumberyard Supply	Wholesale lumber supplies
BDG-A4W_S-3-1	Building		1/1/1957	1/1/1965	Norge	Warehouse storage
BDG-A4W_S-3-1	Building		1/1/1951	1/1/1954	The General Radiator Company	Production of engine cooling radiators
BDG-A4W_S-3-1	Building		1/1/1946	1/1/1951	Furniture Company of Southern Illinois	Manufacturing molding and furniture

Crab Orchard Building Summary *Area: Area*

Name *Building_S-3-2*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-A4W_S-3-2	Building		1/1/1951	1/1/1954	The General Radiator Company	Production of engine cooling radiators
BDG-A4W_S-3-2	Building		1/1/1942	1/1/1945	SWDC	Warehouse
BDG-A4W_S-3-2	Building		1/1/1946	1/1/1951	Furniture Company of Southern Illinois	Manufacturing molding and furniture
BDG-A4W_S-3-2	Building		1/1/1965	1/1/1990	East Side Lumberyard Supply	Wholesale lumber supplies
BDG-A4W_S-3-2	Building			1/1/2001	Primex	Unknown
BDG-A4W_S-3-2	Building		10/1/2003	10/1/2003	GDO and TS	Warehouse
BDG-A4W_S-3-2	Building		1/1/1957	1/1/1965	Norge	Warehouse storage

Name *Building_S-3-3*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-A4W_S-3-3	Building		1/1/1949	1/1/1949	Smoler Brothers, Inc.	Manufacturing women's dresses
BDG-A4W_S-3-3	Building		1/1/1998	10/1/2003	Primex/GDO and TS	Shipping and receiving
BDG-A4W_S-3-3	Building		1/1/1953	1/1/1990	East Side Lumberyard Supply	Wholesale lumber supplies
BDG-A4W_S-3-3	Building		1/1/1946	1/1/1947	Smoler Brothers, Inc.	Manufacturing women's dresses
BDG-A4W_S-3-3	Building	carbon tetrachloride	1/1/1942	1/1/1945	SWDC	Electric and communication shop

Name *Building_S-3-5*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-A4W_S-3-5	Building		1/1/1958	1/1/1958	USFWS	Refuge headquarters
BDG-A4W_S-3-5	Building		1/1/1942	1/1/1945	SWDC	Locker building
BDG-A4W_S-3-5	Building		1/1/1991	10/1/2003	Illinois Department of Natural Resources	FWS Fisheries Office
BDG-A4W_S-3-5	Building		1/1/1983	1/1/1990	Midwest Brush/Diagraph	Corporate office space

Name *Building_S-3-6*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-A4W_S-3-6	Building		1/1/1942	1/1/1945	SWDC	Timekeepers building

Name *Building_S-3-8*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-A4W_S-3-8	Building		1/1/1942	1/1/1945	SWDC	Cafeteria building

Name *Wood Treatment Facility*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-A4WWT1	MISC	pentachlorophenol, dioxin	1/1/1960	1/1/1971		This wood treatment building was located to the west of Building S-1-1 and it was Site 22A of the Miscellaneous Areas Operable Unit (MISCA OU). Pentachlorophenol and dioxin contamination was identified in this area and several aboveground storage tanks were associated with this building.

Name *Igloo HE-1-1*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
IGL-6-1-1	Igloo	zirconium metal powder, barium chromate	1/1/1971	10/1/2003	Winn-Star, Inc.	Storage of M-6 propellant, and other explosive components such as zirconium metal powder and barium chromate (up to as much as 5,000 pounds (lbs))
IGL-6-1-1	Igloo		1/1/1942	1/1/1945	Sherwin Williams Defense Corporation	Storage of high explosives.

Name *Igloo HE-1-10*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
IGL-6-1-10	Igloo		1/1/1976	1/1/1979	Atlas Powder Company	Explosives storage
IGL-6-1-10	Igloo	charcoal, sulphur, and potassium nitrate	1/1/1985	1/1/1987	Wildlife Materials, Inc.	Storage of up to 2,825 lbs of black powder (2FG, 3FG, and 4FG); 29,726 lbs of M-6 (240-mm Howitzer) propellant powder in solid pellet form; and 141,308 electric squibs
IGL-6-1-10	Igloo		1/1/1991	10/1/2003	Olin/Primex/GDO and TS	Explosives and explosive component storage. In 1985, Olin stored "repackaged 'C' Rubber" in this igloo.
IGL-6-1-10	Igloo	Lead	1/1/1972	1/1/1976	S and W Ammunition Company	Storage of Alcan propellant gunpowder
IGL-6-1-10	Igloo		1/1/1942	1/1/1945	Sherwin Williams Defense Corporation	Storage of high explosives.
IGL-6-1-10	Igloo	ammonium nitrate, ammonia sulphate, urea fertilizer	1/1/1988	1/1/1990	El Dorado Chemical Company	Storage of ammonium nitrate fertilizer, sulphate of ammonia, and urea fertilizer

Name *Igloo HE-1-11*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
IGL-6-1-11	Igloo		1/1/1942	1/1/1945	Sherwin Williams Defense Corporation	Storage of high explosives.
IGL-6-1-11	Igloo		1/1/1978	10/1/2003	Olin/Primex/GDO and TS	Explosives and explosive component storage; stored repackaged C rubber (1985)
IGL-6-1-11	Igloo		1/1/1959	1/1/1964	Explosives, Inc.	Unknown

Name *Igloo HE-1-12*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
IGL-6-1-12	Igloo		10/1/2003	10/1/2003	Ensign Bickford Industries, Inc.	unknown
IGL-6-1-12	Igloo		1/1/1942	1/1/1945	Sherwin Williams Defense Corporation	Storage of high explosives.
IGL-6-1-12	Igloo	RDX, TNT, PETN, ammonium nitrate/fuel oil	1/1/1979	1/1/1997	Austin Powder Company	Hazardous materials
IGL-6-1-12	Igloo		1/1/1970	1/1/1978	Warren O. Heidbreder	Explosives storage
IGL-6-1-12	Igloo		1/1/1959	1/1/1964	Explosives, Inc.	Unknown

Name *Igloo HE-1-2*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
IGL-6-1-2	Igloo		1/1/1942	1/1/1945	Sherwin Williams Defense Corporation	Storage of high explosives.
IGL-6-1-2	Igloo	hazardous waste	1/1/1978	10/1/2003	Olin/Primex/GDO and TS	Explosives, explosive component storage and hazardous waste (1981, 1985)

Name *Igloo HE-1-4*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
IGL-6-1-4	Igloo		1/1/1978	10/1/2003	Olin/Primex/GDO and TS	Explosives and explosive component storage
IGL-6-1-4	Igloo		1/1/1942	1/1/1945	Sherwin Williams Defense Corporation	Storage of high explosives.

Name *Igloo HE-1-5*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
IGL-6-1-5	Igloo		1/1/1978	1/1/1985	Olin/Primex/GDO and TS	Explosives and explosive component storage
IGL-6-1-5	Igloo		1/1/1995	10/1/2003	Olin/Primex/GDO and TS	Explosives and explosive component storage
IGL-6-1-5	Igloo		1/1/1989	1/1/1989	John Kelley	Explosives storage
IGL-6-1-5	Igloo		1/1/1942	1/1/1945	Sherwin Williams Defense Corporation	Storage of high explosives.

Name *Igloo HE-1-6*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
IGL-6-1-6	Igloo		1/1/1978	10/1/2003	Olin/Primex/GDO and TS	Explosives, explosive component storage and hazardous waste (1981, 1985)
IGL-6-1-6	Igloo		1/1/1942	1/1/1945	Sherwin Williams Defense Corporation	Storage of high explosives.

Name *Igloo HE-1-7*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
IGL-6-1-7	Igloo		1/1/1942	1/1/1945	Sherwin Williams Defense Corporation	Storage of high explosives.
IGL-6-1-7	Igloo		1/1/1968	1/1/1978	Sam B. DeNeal	Unknown
IGL-6-1-7	Igloo		1/1/1978	10/1/2003	Olin/Primex/GDO and TS	Explosives and explosive component storage

Name *Igloo HE-1-8*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
IGL-6-1-8	Igloo		1/1/1942	1/1/1945	Sherwin Williams Defense Corporation	Storage of high explosives.
IGL-6-1-8	Igloo		1/1/1968	1/1/1978	Sam B. DeNeal	Unknown
IGL-6-1-8	Igloo		1/1/1978	10/1/2003	Olin/Primex/GDO and TS	Explosives, explosive component storage and HEI pellets

Name *Igloo HE-1-9*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
IGL-6-1-9	Igloo		1/1/1978	10/1/2003	Olin/Primex/GDO and TS	Explosives and explosive component storage; stored repackaged C rubber (1985)
IGL-6-1-9	Igloo		1/1/1942	1/1/1945	Sherwin Williams Defense Corporation	Storage of high explosives.

Name *Igloo HE-2-1*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
IGL-6-2-1	Igloo		1/1/1942	1/1/1945	Sherwin Williams Defense Corporation	Storage of high explosives.
IGL-6-2-1	Igloo		1/1/1962	1/1/1967	Trojan Powder Company	Explosives storage
IGL-6-2-1	Igloo		1/1/1998	1/1/1998	Refuge	572 metal drums of propellant (likely M-6)

Name *Igloo HE-2-10*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
IGL-6-2-10	Igloo		1/1/1979	1/1/1997	Austin Powder Company	Explosives storage
IGL-6-2-10	Igloo		1/1/1962	1/1/1970	Trojan Powder Company	Explosives storage
IGL-6-2-10	Igloo		10/1/2003	10/1/2003	Ensign Bickford Industries, Inc.	Unknown
IGL-6-2-10	Igloo		1/1/1942	1/1/1945	Sherwin Williams Defense Corporation	Storage of high explosives.

Name *Igloo HE-2-11*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
IGL-6-2-11	Igloo		1/1/1962	1/1/1967	Trojan Powder Company	Explosives storage
IGL-6-2-11	Igloo		1/1/1978	10/1/2003	Olin/Primex/GDO and TS	Explosives storage; 30 mm propellant (1985).
IGL-6-2-11	Igloo		1/1/1942	1/1/1945	Sherwin Williams Defense Corporation	Storage of high explosives.

Name *Igloo HE-2-12*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
IGL-6-2-12	Igloo		1/1/1978	1/1/1986	Olin	Explosives and/or explosive component storage
IGL-6-2-12	Igloo	charcoal, sulphur, and potassium nitrate	1/1/1959	1/1/1966	Hanley Industries	Storage of black powder and high explosives. Flooded during heavy rains.
IGL-6-2-12	Igloo	ammonium nitrate, ammonia sulphate, urea fertilizer	1/1/1988	1/1/1990	El Dorado Chemical Company	Storage of ammonium nitrate fertilizer, sulphate of ammonia, and urea fertilizer. Flooded during heavy rains.
IGL-6-2-12	Igloo		1/1/1942	1/1/1945	Sherwin Williams Defense Corporation	Storage of high explosives.

Name *Igloo HE-2-2*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
IGL-6-2-2	Igloo		1/1/1942	1/1/1945	Sherwin Williams Defense Corporation	Storage of high explosives.
IGL-6-2-2	Igloo		1/1/1999	10/1/2003	Primex/GDO and TS	Explosives storage
IGL-6-2-2	Igloo		1/1/1962	1/1/1967	Trojan Powder Company	Explosives storage

Name *Igloo HE-2-3*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
IGL-6-2-3	Igloo		1/1/1962	1/1/1967	Trojan Powder Company	Explosives storage
IGL-6-2-3	Igloo		1/1/1978	10/1/2003	Olin/Primex/GDO and TS	Explosives storage; 30 mm propellant (1985)
IGL-6-2-3	Igloo		1/1/1942	1/1/1945	Sherwin Williams Defense Corporation	Storage of high explosives.

Name *Igloo HE-2-4*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
IGL-6-2-4	Igloo		1/1/1962	1/1/1967	Trojan Powder Company	Explosives storage
IGL-6-2-4	Igloo		1/1/1978	10/1/2003	Olin/Primex/GDO and TS	Explosives storage; Phalanx propellant (1985)
IGL-6-2-4	Igloo		1/1/1942	1/1/1945	Sherwin Williams Defense Corporation	Storage of high explosives.

Name *Igloo HE-2-5*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
IGL-6-2-5	Igloo		1/1/1942	1/1/1945	Sherwin Williams Defense Corporation	Storage of high explosives.
IGL-6-2-5	Igloo		10/1/2003	10/1/2003	Silverado Fireworks	Unknown
IGL-6-2-5	Igloo		1/1/1989	1/1/1991	John Kelley	Explosives storage
IGL-6-2-5	Igloo	charcoal, sulphur, and potassium nitrate	1/1/1973	1/1/1987	World Fireworks Display Co., Inc.	Storage of 50-lb boxes of black powder (charcoal, sulphur, and potassium nitrate)
IGL-6-2-5	Igloo		1/1/1970	1/1/1972	Kilbourn Specialties	Storage of unspecified materials
IGL-6-2-5	Igloo		1/1/1962	1/1/1970	Trojan Powder Company	Explosives storage

Name *Igloo HE-2-6*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
IGL-6-2-6	Igloo		1/1/1978	10/1/2003	Olin/Primex/GDO and TS	Explosives and/or explosive component storage; product named MT
IGL-6-2-6	Igloo		1/1/1962	1/1/1968	Trojan Powder Company	Explosives storage
IGL-6-2-6	Igloo		1/1/1942	1/1/1945	Sherwin Williams Defense Corporation	Storage of high explosives.

Name *Igloo HE-2-7*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
IGL-6-2-7	Igloo		1/1/1962	1/1/1968	Trojan Powder Company	Explosives storage
IGL-6-2-7	Igloo		1/1/1979	1/1/1997	Austin Powder Company	Explosives storage
IGL-6-2-7	Igloo		10/1/2003	10/1/2003	Ensign Bickford Industries, Inc.	Unknown
IGL-6-2-7	Igloo		1/1/1942	1/1/1945	Sherwin Williams Defense Corporation	Storage of high explosives.

Name *Igloo HE-2-8*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
IGL-6-2-8	Igloo		10/1/2003	10/1/2003	Ensign Bickford Industries, Inc.	Unknown
IGL-6-2-8	Igloo		1/1/1979	1/1/1997	Austin Powder Company	Explosives storage
IGL-6-2-8	Igloo		1/1/1942	1/1/1945	Sherwin Williams Defense Corporation	Storage of high explosives.
IGL-6-2-8	Igloo		1/1/1962	1/1/1970	Trojan Powder Company	Explosives storage

Name *Igloo HE-2-9*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
IGL-6-2-9	Igloo		1/1/1979	1/1/1997	Austin Powder Company	Explosives storage
IGL-6-2-9	Igloo		10/1/2003	10/1/2003	Ensign Bickford Industries, Inc.	Unknown
IGL-6-2-9	Igloo		1/1/1962	1/1/1970	Trojan Powder Company	Explosives storage
IGL-6-2-9	Igloo		1/1/1942	1/1/1945	Sherwin Williams Defense Corporation	Storage of high explosives.

Name *Igloo HE-3-1*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
IGL-6-3-1	Igloo		1/1/1962	10/1/2003	Marion Civil Defense/Emergency Service and	Storage of beds, medical supplies, and food rations
IGL-6-3-1	Igloo		1/1/1942	1/1/1945	Sherwin Williams Defense Corporation	Storage of high explosives.
IGL-6-3-1	Igloo	aldrin, bidrin, ciodrin, ciovap, dieldrin, endrin, nemagon, phosdrin, planavin, rabon, vapona, allyl alcohol, azordin, compound 4072, halbard, methyl parathion, parathion, telodrin, niran, verdan	1/1/1959	1/1/1961	Great Lakes Terminal and Transport Company	Agricultural chemical products: aldrin, bidrin, ciodrin, ciovap, dieldrin, endrin, nemagon, phosdrin, planavin, rabon, vapona, allyl alcohol, azordin, compound 4072, halbard, methyl parathion, parathion, telodrin, niran, and verdan.

Name *Igloo HE-3-10*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
IGL-6-3-10	Igloo		1/1/1942	1/1/1945	Sherwin Williams Defense Corporation	Storage of high explosives.
IGL-6-3-10	Igloo	charcoal, sulphur, and potassium nitrate	1/1/1980	10/1/2003	Hanley Industries	Black powder and high explosives
IGL-6-3-10	Igloo		1/1/1966	1/1/1973	Trojan Powder Company	Explosives storage

Name *Igloo HE-3-11*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
IGL-6-3-11	Igloo		1/1/1942	1/1/1945	Sherwin Williams Defense Corporation	Storage of high explosives.
IGL-6-3-11	Igloo		10/1/2003	10/1/2003	Ensign Bickford Industries, Inc.	Unknown
IGL-6-3-11	Igloo		1/1/1979	1/1/1997	Austin Powder Company	Explosives storage
IGL-6-3-11	Igloo		1/1/1966	1/1/1973	Trojan Powder Company	Explosives storage

Name *Igloo HE-3-12*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
IGL-6-3-12	Igloo		1/1/1942	1/1/1945	Sherwin Williams Defense Corporation	Storage of high explosives.
IGL-6-3-12	Igloo	ammonium nitrate-fuel oil, triethylene glycol dinitrate	1/1/1958	10/1/2003	Propellex Division	Storage of propellants, explosive devices, and ammonium nitrate-fuel oil containing triethylene glycol dinitrate

Name *Igloo HE-3-2*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
IGL-6-3-2	Igloo		10/1/2003	10/1/2003	Winn-Star	Storage of M-6 propellant
IGL-6-3-2	Igloo	aldrin, bidrin, ciodrin, ciovap, dieldrin, endrin, nemagon, phosdrin, planavin, rabon, vapona, allyl alcohol, azordin, compound 4072, halbard, methyl parathion, parathion, telodrin, niran, verdan	1/1/1959	1/1/1961	Great Lakes Terminal and Transport Company	Agricultural chemical products
IGL-6-3-2	Igloo		1/1/1970	1/1/1978	Civil Air Patrol (Group 12, Auxiliary United Stat	Storage of surplus equipment
IGL-6-3-2	Igloo		1/1/1942	1/1/1945	Sherwin Williams Defense Corporation	Storage of high explosives.
IGL-6-3-2	Igloo	charcoal, sulphur, and potassium nitrate	1/1/1981	1/1/1985	World Fireworks Display Co., Inc.	Storage of 50-lb boxes of black powder (charcoal, sulphur, and potassium nitrate)

Name *Igloo HE-3-3*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
IGL-6-3-3	Igloo		1/1/1942	1/1/1945	Sherwin Williams Defense Corporation	Storage of high explosives.
IGL-6-3-3	Igloo		1/1/1970	10/1/2003	Olin/Primex/GDO and TS	Explosives storage; 30 mm propellant (1985)

Name *Igloo HE-3-4*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
IGL-6-3-4	Igloo		1/1/1970	10/1/2003	Olin/Primex/GDO and TS	Explosives and/or explosive component storage; stored EA/JM propellant (1985)
IGL-6-3-4	Igloo		1/1/1942	1/1/1945	Sherwin Williams Defense Corporation	Storage of high explosives.

Name *Igloo HE-3-5*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
IGL-6-3-5	Igloo		1/1/1967	1/1/1968	Trojan Powder Company	Explosives storage
IGL-6-3-5	Igloo		1/1/1970	10/1/2003	Olin/Primex/GDO and TS	Explosives storage; 20 mm propellant (1985)
IGL-6-3-5	Igloo		1/1/1942	1/1/1945	Sherwin Williams Defense Corporation	Storage of high explosives.

Name *Igloo HE-3-6*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
IGL-6-3-6	Igloo		1/1/1972	10/1/2003	Olin/Primex/GDO and TS	Explosives and/or explosive component storage
IGL-6-3-6	Igloo		1/1/1942	1/1/1945	Sherwin Williams Defense Corporation	Storage of high explosives.

Name *Igloo HE-3-7*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
IGL-6-3-7	Igloo		10/1/2003	10/1/2003	Ensign Bickford Industries, Inc.	Unknown
IGL-6-3-7	Igloo		1/1/1979	1/1/1997	Austin Powder Company	Explosives storage
IGL-6-3-7	Igloo		1/1/1967	1/1/1970	Trojan Powder Company	Explosives storage
IGL-6-3-7	Igloo		1/1/1942	1/1/1945	Sherwin Williams Defense Corporation	Storage of high explosives.

Name *Igloo HE-3-8*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
IGL-6-3-8	Igloo		1/1/1942	1/1/1945	Sherwin Williams Defense Corporation	Storage of high explosives.
IGL-6-3-8	Igloo		1/1/1970	10/1/2003	Olin/Primex/GDO and TS	Explosives storage; 30 mm propellant (1985)

Name *Igloo HE-3-9*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
IGL-6-3-9	Igloo		1/1/1942	1/1/1945	Sherwin Williams Defense Corporation	Storage of high explosives.
IGL-6-3-9	Igloo		1/1/1970	10/1/2003	Olin/Primex/GDO and TS	Explosives storage; 20 mm fuses (1985)
IGL-6-3-9	Igloo		1/1/1966	1/1/1968	Trojan Powder Company	Explosives storage

Name *Igloo HE-4-10*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
IGL-6-4-10	Igloo		1/1/1964	1/1/1967	Trojan Powder Company	Explosives storage
IGL-6-4-10	Igloo		1/1/1956	1/1/1964	Universal Match Corporation	Unknown
IGL-6-4-10	Igloo		1/1/1970	10/1/2003	Olin/Primex/GDO and TS	Explosives storage; 30 mm propellant (1985)
IGL-6-4-10	Igloo		1/1/1942	1/1/1945	Sherwin Williams Defense Corporation	Storage of high explosives.

Name *Igloo HE-4-11*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
IGL-6-4-11	Igloo		1/1/1956	1/1/1964	Universal Match Corporation	Unknown
IGL-6-4-11	Igloo		1/1/1942	1/1/1945	Sherwin Williams Defense Corporation	Storage of high explosives.
IGL-6-4-11	Igloo		1/1/1964	1/1/1967	Trojan Powder Company	Explosives storage
IGL-6-4-11	Igloo		1/1/1970	10/1/2003	Olin/Primex/GDO and TS	Explosives storage; 30 mm propellant (1985)

Name *Igloo HE-4-12*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
IGL-6-4-12	Igloo		1/1/1942	1/1/1945	Sherwin Williams Defense Corporation	Storage of high explosives.
IGL-6-4-12	Igloo		1/1/1956	1/1/1964	Universal Match Corporation	Unknown
IGL-6-4-12	Igloo		1/1/1964	1/1/1967	Trojan Powder Company	Explosives storage
IGL-6-4-12	Igloo		1/1/1973	10/1/2003	U.S. Treasury Department, Bureau of Alcohol,	Unspecified materials storage

Name *Igloo HE-4-2*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
IGL-6-4-2	Igloo		1/1/1942	1/1/1945	Sherwin Williams Defense Corporation	Storage of high explosives.
IGL-6-4-2	Igloo		1/1/1976	10/1/2003	Mine Service Company, Inc./DYNO NOBEL Mi	Storage of electric blasting caps and fuse blasting caps; possibly stored wire product associated with blasting, blasting agents, detonating cord, electronic devices, safety fuses, water gels and nitrostarch dynamite

Name *Igloo HE-4-3*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
IGL-6-4-3	Igloo		1/1/1970	10/1/2003	Olin/Primex/GDO and TS	Explosives storage: 30 mm primer
IGL-6-4-3	Igloo		1/1/1956	1/1/1964	Universal Match Corporation	Unknown
IGL-6-4-3	Igloo		1/1/1942	1/1/1945	Sherwin Williams Defense Corporation	Storage of high explosives.

Name *Igloo HE-4-4*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
IGL-6-4-4	Igloo		1/1/1970	10/1/2003	Olin/Primex/GDO and TS	Explosives storage: 30 mm primer
IGL-6-4-4	Igloo		1/1/1956	1/1/1964	Universal Match Corporation	Unknown
IGL-6-4-4	Igloo		1/1/1942	1/1/1945	Sherwin Williams Defense Corporation	Storage of high explosives.

Name *Igloo HE-4-5*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
IGL-6-4-5	Igloo		1/1/1973	10/1/2003	Olin/Primex/GDO and TS	Explosives storage; 20 mm and 30 mm RDX
IGL-6-4-5	Igloo		1/1/1956	1/1/1964	Universal Match Corporation	Unknown
IGL-6-4-5	Igloo		1/1/1942	1/1/1945	Sherwin Williams Defense Corporation	Storage of high explosives.

Name *Igloo HE-4-6*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
IGL-6-4-6	Igloo		5/17/1905	1/1/1956	Universal Match Corporation	Unknown
IGL-6-4-6	Igloo		1/1/1970	10/1/2003	Olin/Primex/GDO and TS	Explosives storage; 20 mm and 30 mm RDX
IGL-6-4-6	Igloo		1/1/1942	1/1/1945	Sherwin Williams Defense Corporation	Storage of high explosives.

Name *Igloo HE-4-7*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
IGL-6-4-7	Igloo		1/1/1977	1/1/1978	Wildlife Materials, Inc.	Black powder, M-6 propellant powder and electric squibs
IGL-6-4-7	Igloo		1/1/1956	1/1/1964	Universal Match Corporation	Unknown
IGL-6-4-7	Igloo		1/1/1964	1/1/1970	Trojan Powder Company	Explosives storage
IGL-6-4-7	Igloo		1/1/1942	1/1/1945	Sherwin Williams Defense Corporation	Storage of high explosives.
IGL-6-4-7	Igloo		1/1/1984	1/1/1988	El Dorado Chemical Company	Storage of ammonium nitrate fertilizer, sulphate of ammonia, and urea fertilizer
IGL-6-4-7	Igloo		10/1/2003	10/1/2003	Illinois State Police	Unknown

Name *Igloo HE-4-8*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
IGL-6-4-8	Igloo		1/1/1956	1/1/1964	Universal Match Corporation	Unknown
IGL-6-4-8	Igloo	ammonium nitrate, ammonia sulphate, urea fertilizer	1/1/1983	1/1/1988	El Dorado Chemical Company	Storage of ammonium nitrate fertilizer, sulphate of ammonia, and urea Fertilizer
IGL-6-4-8	Igloo		1/1/1994	10/1/2003	Olin/Primex/GDO and TS	Explosives storage
IGL-6-4-8	Igloo	ammonium nitrate, ammonia sulphate, urea fertilizer	1/1/1979	1/1/1983	Monsanto Company	Storage of ammonium nitrate fertilizers, explosives, sulphate of ammonia, and urea
IGL-6-4-8	Igloo		1/1/1942	1/1/1945	Sherwin Williams Defense Corporation	Storage of high explosives.

Name *Igloo HE-4-9*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
IGL-6-4-9	Igloo	charcoal, sulphur, and potassium nitrate	1/1/1982	10/1/2003	Hanley Industries	Black powder and high explosives storage
IGL-6-4-9	Igloo		1/1/1956	1/1/1964	Universal Match Corporation	Unknown
IGL-6-4-9	Igloo	ANFO p, TOVEX	1/1/1971	1/1/1982	Dooley Brothers, Inc.	Storage of explosives such as: ANFO P, blasting caps, high-density primers, TOVEX, dynamite and fuses.
IGL-6-4-9	Igloo		1/1/1964	1/1/1970	Trojan Powder Company	Explosives storage
IGL-6-4-9	Igloo		1/1/1942	1/1/1945	Sherwin Williams Defense Corporation	Storage of high explosives.

Name *Igloo HE-5-1*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
IGL-6-5-1	Igloo		1/1/1942	1/1/1945	Sherwin Williams Defense Corporation	Storage of high explosives.
IGL-6-5-1	Igloo		1/1/1962	10/1/2003	Marion Civil Defense/Emergency Service and	Storage of beds, medical supplies, and food rations
IGL-6-5-1	Igloo		1/1/1956	1/1/1962	Universal MatchCorporation	Unknown

Name *Igloo HE-5-10*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
IGL-6-5-10	Igloo		10/1/2003	10/1/2003	Ensign Bickford Industries, Inc.	Unknown
IGL-6-5-10	Igloo		1/1/1979	1/1/1997	Austin Powder Company	Explosives storage
IGL-6-5-10	Igloo		1/1/1956	1/1/1964	Universal Match Corporation	Unknown
IGL-6-5-10	Igloo		1/1/1942	1/1/1945	Sherwin Williams Defense Corporation	Storage of high explosives.

Name *Igloo HE-5-11*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
IGL-6-5-11	Igloo		10/1/2003	10/1/2003	Ensign Bickford Industries, Inc.	Unknown
IGL-6-5-11	Igloo		1/1/1956	1/1/1964	Universal Match Corporation	Unknown
IGL-6-5-11	Igloo		1/1/1979	1/1/1997	Austin Powder Company	Explosives storage
IGL-6-5-11	Igloo		1/1/1942	1/1/1945	Sherwin Williams Defense Corporation	Storage of high explosives.

Name *Igloo HE-5-12*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
IGL-6-5-12	Igloo		1/1/1962	10/1/2003	Marion Civil Defense/Emergency Service and	Storage of beds, medical supplies, and food rations
IGL-6-5-12	Igloo		1/1/1956	1/1/1962	Universal Match Corporation	Unknown
IGL-6-5-12	Igloo		1/1/1942	1/1/1945	Sherwin Williams Defense Corporation	Storage of high explosives.

Name *Igloo HE-5-2*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
IGL-6-5-2	Igloo	ANFO p, TOVEX	1/1/1982	10/1/2003	Dooley Brothers, Inc.	Storage of explosives such as: ANFO P, blasting caps, high-density primers, TOVEX, dynamite and fuses
IGL-6-5-2	Igloo		1/1/1942	1/1/1945	Sherwin Williams Defense Corporation	Storage of high explosives.
IGL-6-5-2	Igloo	TOVEX	1/1/1978	1/1/1980	E.I. DuPont DeNemours and Co.	Storage of explosives (TOVEX)
IGL-6-5-2	Igloo		1/1/1956	1/1/1964	Universal Match Corporation	Unknown

Name *Igloo HE-5-3*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
IGL-6-5-3	Igloo		1/1/1962	10/1/2003	Marion Civil Defense/Emergency Service and	Storage of beds, medical supplies, and food rations
IGL-6-5-3	Igloo		1/1/1956	1/1/1961	Universal Match Corporation	Unknown
IGL-6-5-3	Igloo		1/1/1942	1/1/1945	Sherwin Williams Defense Corporation	Storage of high explosives.

Name *Igloo HE-5-4*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
IGL-6-5-4	Igloo		1/1/1942	1/1/1945	Sherwin Williams Defense Corporation	Storage of high explosives.
IGL-6-5-4	Igloo		1/1/1956	1/1/1964	Universal Match Corporation	Unknown
IGL-6-5-4	Igloo		1/1/1986	10/1/2003	Olin/Primex/GDO and TS	Explosives storage

Name *Igloo HE-5-5*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
IGL-6-5-5	Igloo		1/1/1942	1/1/1945	Sherwin Williams Defense Corporation	Storage of high explosives.
IGL-6-5-5	Igloo		1/1/1956	1/1/1964	Universal Match Corporation	Unknown
IGL-6-5-5	Igloo		10/1/2003	10/1/2003	Federal Bureau of Investigation	Unknown
IGL-6-5-5	Igloo		1/1/1979	1/1/1997	Austin Powder Company	Explosives storage

Name *Igloo HE-5-6*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
IGL-6-5-6	Igloo		1/1/1942	1/1/1945	Sherwin Williams Defense Corporation	Storage of high explosives.
IGL-6-5-6	Igloo	ANFO p, TOVEX	1/1/1971	10/1/2003	Dooley Brothers, Inc.	Storage of explosives such as: ANFO P, blasting caps, high-density primers, TOVEX, dynamite and fuses
IGL-6-5-6	Igloo		1/1/1956	1/1/1964	Universal Match Corporation	Unknown

Name *Igloo HE-5-7*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
IGL-6-5-7	Igloo		1/1/1979	1/1/1997	Austin Powder Company	Explosives storage
IGL-6-5-7	Igloo		1/1/1956	1/1/1964	Universal Match Corporation	Unknown
IGL-6-5-7	Igloo		1/1/1942	1/1/1945	Sherwin Williams Defense Corporation	Storage of high explosives.
IGL-6-5-7	Igloo		10/1/2003	10/1/2003	Ensign Bickford Industries, Inc.	Unknown

Name *Igloo HE-5-8*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
IGL-6-5-8	Igloo		1/1/1979	1/1/1997	Austin Powder Company	Explosives storage
IGL-6-5-8	Igloo		10/1/2003	10/1/2003	Ensign Bickford Industries, Inc.	Unknown
IGL-6-5-8	Igloo		1/1/1956	1/1/1964	Universal Match Corporation	Unknown
IGL-6-5-8	Igloo		1/1/1942	1/1/1945	Sherwin Williams Defense Corporation	Storage of high explosives.

Name *Igloo HE-5-9*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
IGL-6-5-9	Igloo		1/1/1942	1/1/1945	Sherwin Williams Defense Corporation	Storage of high explosives.
IGL-6-5-9	Igloo		1/1/1979	1/1/1997	Austin Powder Company	Explosives storage
IGL-6-5-9	Igloo		10/1/2003	10/1/2003	Ensign Bickford Industries, Inc.	Unknown
IGL-6-5-9	Igloo		1/1/1956	1/1/1964	Universal Match Corporation	Unknown

Name *Igloo HE-6-1*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
IGL-6-6-1	Igloo		1/1/1942	1/1/1945	Sherwin Williams Defense Corporation	Storage of high explosives.
IGL-6-6-1	Igloo		1/1/1956	1/1/1962	Sangamo Electric Company	Unknown
IGL-6-6-1	Igloo		1/1/1961	1/1/1966	Petrof Trading Company	Storage of smokeless powder
IGL-6-6-1	Igloo		1/1/1976	10/1/2003	Mine Service Company, Inc./DYNO NOBEL Mi	Wire products associated with blasting, as well as, dry product (explosive)

Name *Igloo HE-6-10*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
IGL-6-6-10	Igloo		1/1/1961	1/1/1966	Petrof Trading Company	Storage of smokeless powder
IGL-6-6-10	Igloo		10/1/2003	10/1/2003	Ensign Bickford Industries, Inc.	Unknown
IGL-6-6-10	Igloo		1/1/1979	1/1/1997	Austin Powder Company	Explosives storage
IGL-6-6-10	Igloo		1/1/1977	1/1/1978	Southern Illinois University	Unspecified storage
IGL-6-6-10	Igloo		1/1/1942	1/1/1945	Sherwin Williams Defense Corporation	Storage of high explosives.

Name *Igloo HE-6-11*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
IGL-6-6-11	Igloo	nitrostarch dynamite	1/1/1976	10/1/2003	Mine Service Company, Inc./DYNO NOBEL Mi	Water gels and nitrostarch dynamite (dry powder)
IGL-6-6-11	Igloo		1/1/1971	1/1/1975	Jupiter Blasting	Explosives storage
IGL-6-6-11	Igloo		1/1/1942	1/1/1945	Sherwin Williams Defense Corporation	Storage of high explosives.
IGL-6-6-11	Igloo		1/1/1970	1/1/1997	Petrof Trading Company	Storage of smokeless powder

Name *Igloo HE-6-2*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
IGL-6-6-2	Igloo		1/1/1942	1/1/1945	Sherwin Williams Defense Corporation	Storage of high explosives.
IGL-6-6-2	Igloo		1/1/1976	10/1/2003	Mine Service Company, Inc./DYNO NOBEL Mi	Detonating cord, electronic devices, and safety fuses
IGL-6-6-2	Igloo		1/1/1961	1/1/1966	Petrof Trading Company	Storage of smokeless powder

Name *Igloo HE-6-3*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
IGL-6-6-3	Igloo		1/1/1942	1/1/1945	Sherwin Williams Defense Corporation	Storage of high explosives.
IGL-6-6-3	Igloo		1/1/1995	10/1/2003	Olin/Primex/GDO and TS	Explosives storage
IGL-6-6-3	Igloo		1/1/1961	1/1/1966	Petrof Trading Company	Storage of smokeless powder

Name *Igloo HE-6-4*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
IGL-6-6-4	Igloo		1/1/1942	1/1/1945	Sherwin Williams Defense Corporation	Storage of high explosives.
IGL-6-6-4	Igloo		1/1/1994	10/1/2003	Olin/Primex/GDO and TS	Explosives storage
IGL-6-6-4	Igloo	TOVEX	1/1/1978	1/1/1980	E.I. DuPont DeNemours and Co.	Storage of explosives (TOVEX)
IGL-6-6-4	Igloo		1/1/1961	1/1/1966	Petrof Trading Company	Storage of smokeless powder

Name *Igloo HE-6-5*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
IGL-6-6-5	Igloo	TOVEX	1/1/1978	1/1/1980	E.I. DuPont DeNemours and Co.	Storage of explosives (TOVEX)
IGL-6-6-5	Igloo		1/1/1987	10/1/2003	Olin/Primex/GDO and TS	Explosives storage
IGL-6-6-5	Igloo		1/1/1942	1/1/1945	Sherwin Williams Defense Corporation	Storage of high explosives.
IGL-6-6-5	Igloo		1/1/1961	1/1/1966	Petrof Trading Company	Storage of smokeless powder

Name *Igloo HE-6-6*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
IGL-6-6-6	Igloo	TOVEX	1/1/1978	1/1/1980	E.I. DuPont DeNemours and Co.	Storage of explosives (TOVEX)
IGL-6-6-6	Igloo		1/1/1961	1/1/1966	Petrof Trading Company	Storage of smokeless powder
IGL-6-6-6	Igloo		1/1/1987	10/1/2003	Olin/Primex/GDO and TS	Explosives storage
IGL-6-6-6	Igloo		1/1/1942	1/1/1945	Sherwin Williams Defense Corporation	Storage of high explosives.

Name *Igloo HE-6-7*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
IGL-6-6-7	Igloo		1/1/1987	10/1/2003	Olin/Primex/GDO and TS	Explosives Storage
IGL-6-6-7	Igloo		1/1/1961	1/1/1966	Petrof Trading Company	Storage of smokeless powder
IGL-6-6-7	Igloo		1/1/1942	1/1/1945	Sherwin Williams Defense Corporation	Storage of high explosives.
IGL-6-6-7	Igloo	TOVEX	1/1/1978	1/1/1980	E.I. DuPont DeNemours and Co.	Storage of explosives (TOVEX)

Name *Igloo HE-6-8*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
IGL-6-6-8	Igloo		1/1/1942	1/1/1945	Sherwin Williams Defense Corporation	Storage of high explosives.
IGL-6-6-8	Igloo		1/1/1961	1/1/1966	Petrof Trading Company	Storage of smokeless powder
IGL-6-6-8	Igloo		1/1/1977	1/1/1978	Southern Illinois University	Unspecified storage
IGL-6-6-8	Igloo		1/1/1979	1/1/1997	Austin Powder Company	Explosives storage
IGL-6-6-8	Igloo		10/1/2003	10/1/2003	Ensign Bickford Industries, Inc.	Unknown

Name *Igloo HE-6-9*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
IGL-6-6-9	Igloo		1/1/1977	1/1/1978	Southern Illinois University	Unspecified storage
IGL-6-6-9	Igloo		1/1/1942	1/1/1945	Sherwin Williams Defense Corporation	Storage of high explosives.
IGL-6-6-9	Igloo		10/1/2003	10/1/2003	Ensign Bickford Industries, Inc.	Unknown
IGL-6-6-9	Igloo		1/1/1979	1/1/1997	Austin Powder Company	Explosives storage
IGL-6-6-9	Igloo		1/1/1961	1/1/1966	Petrof Trading Company	Storage of smokeless powder

Name *Igloo HE-7-1*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
IGL-6-7-1	Igloo	hazardous waste	1/1/1972	10/1/2003	Olin/Primex/GDO and TS	Storage of ordnance explosives and hazardous "MT" waste
IGL-6-7-1	Igloo		1/1/1942	1/1/1945	Sherwin Williams Defense Corporation	Storage of high explosives.

Name *Igloo HE-7-10*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
IGL-6-7-10	Igloo		1/1/1942	1/1/1945	Sherwin Williams Defense Corporation	Storage of high explosives.
IGL-6-7-10	Igloo	ANFO p, TOVEX	1/1/1982	10/1/2003	Dooley Brothers, Inc.	Storage of explosives such as ANFO P, blasting caps, high-density primers, TOVEX, dynamite and fuses
IGL-6-7-10	Igloo	TOVEX	1/1/1978	1/1/1980	E.I. DuPont DeNemours and Co.	Storage of explosives (TOVEX)

Name *Igloo HE-7-11*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
IGL-6-7-11	Igloo		1/1/1942	1/1/1945	Sherwin Williams Defense Corporation	Storage of high explosives.
IGL-6-7-11	Igloo	ANFO p, TOVEX	1/1/1971	10/1/2003	Dooley Brothers, Inc.	Storage of explosives such as ANFO P, blasting caps, high-density primers, TOVEX, dynamite and fuses. Buried explosives next to this igloo (TOVEX 100, MS-5 Primacord Connectors, Ignitacord, MS-75 and MS-100 Primadet)

Name *Igloo HE-7-12*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
IGL-6-7-12	Igloo		1/1/1942	1/1/1945	Sherwin Williams Defense Corporation	Storage of high explosives.
IGL-6-7-12	Igloo	ANFO p, TOVEX	1/1/1971	10/1/2003	Dooley Brothers, Inc.	Storage of explosives such as ANFO P, blasting caps, high-density primers, TOVEX, dynamite and fuses

Name *Igloo HE-7-2*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
IGL-6-7-2	Igloo		1/1/1985	1/1/1986	Sontec Company	Explosives storage
IGL-6-7-2	Igloo		1/1/1978	1/1/1980	E.I. DuPont DeNemours and Co.	Storage of explosives
IGL-6-7-2	Igloo		1/1/1942	1/1/1945	Sherwin Williams Defense Corporation	Storage of high explosives.
IGL-6-7-2	Igloo	triethylene	1/1/1987	10/1/2003	Propellex	Likely storage of propellants, devices, and ammonium containing triethylene

Name *Igloo HE-7-3*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
IGL-6-7-3	Igloo		1/1/1942	1/1/1945	Sherwin Williams Defense Corporation	Storage of high explosives.
IGL-6-7-3	Igloo		1/1/1985	1/1/1986	Sontec Company	Explosives storage
IGL-6-7-3	Igloo		1/1/1987	10/1/2003	Propellex	Likely storage of propellants, explosive devices, and ammonium nitrate-fuel oil containing triethylene glycol dinitrate
IGL-6-7-3	Igloo		1/1/1978	1/1/1980	E.I. DuPont DeNemours and Co.	Storage of explosives

Name *Igloo HE-7-6*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
IGL-6-7-6	Igloo	TOVEX	1/1/1978	1/1/1980	E.I. DuPont DeNemours and Co.	Storage of explosives (TOVEX)
IGL-6-7-6	Igloo		1/1/1942	1/1/1945	Sherwin Williams Defense Corporation	Storage of high explosives.
IGL-6-7-6	Igloo		1/1/1987	10/1/2003	Olin/Primex/GDO and TS	Explosives storage

Name *Igloo HE-7-7*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
IGL-6-7-7	Igloo		1/1/1987	10/1/2003	Olin/Primex/GDO and TS	Explosives storage
IGL-6-7-7	Igloo	TOVEX	1/1/1978	1/1/1980	E.I. DuPont DeNemours and Co.	Storage of explosives (TOVEX)
IGL-6-7-7	Igloo		1/1/1942	1/1/1945	Sherwin Williams Defense Corporation	Storage of high explosives.

Name *Igloo HE-7-8*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
IGL-6-7-8	Igloo	TOVEX	1/1/1978	1/1/1980	E.I. DuPont DeNemours and Co.	Storage of explosives (TOVEX)
IGL-6-7-8	Igloo		1/1/1942	1/1/1945	Sherwin Williams Defense Corporation	Storage of high explosives.
IGL-6-7-8	Igloo		1/1/1987	10/1/2003	Olin/Primex/GDO and TS	Explosives storage

Name *Igloo HE-7-9*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
IGL-6-7-9	Igloo		1/1/1942	1/1/1945	Sherwin Williams Defense Corporation	Storage of high explosives.
IGL-6-7-9	Igloo	TOVEX	1/1/1978	1/1/1980	E.I. DuPont DeNemours and Co.	Storage of explosives (TOVEX)
IGL-6-7-9	Igloo		1/1/1986	1/1/1991	Circle R Powder and Explosive Co.	Explosives storage
IGL-6-7-9	Igloo		1/1/1994	10/1/2003	Olin/Primex/GDO and TS	Explosives storage

Name *Transfer Platform HE-2-13*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
TP-6-2-13	Transfer Platfor		1/1/1942	1/1/1945	Sherwin Williams Defense Corporation	

Name *Transfer Platform HE-613*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
TP-6-6-13	Transfer Platfor		1/1/1942	1/1/1945	Sherwin Williams Defense Corporation	

Name *AST_1*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
AST7-1	Existing Buildin					Above ground storage tank on the north side of the building.

Name *AST_2*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
AST7-2	Razed Building					One of four above ground storage tanks on the west side of Building IN-1-5. The tanks are visible on 1951 aerial photographs but not on photographs from 1960.

Name *AST_3*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
AST-11H_3	Razed Building					One of four above ground storage tanks on the west side of Building IN-1-5. The tanks are visible on 1951 aerial photographs but not on photographs from 1960.

Name *AST_4*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
AST-11N_4	Razed Building					One of four above ground storage tanks on the west side of Building IN-1-5. The tanks are visible on 1951 aerial photographs but not on photographs from 1960.

Name *AST_5*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
AST-11N_5	Razed Building					One of four above ground storage tanks on the west side of Building IN-1-5. The tanks are visible on 1951 aerial photographs but not on photographs from 1960.

Name *Building_D-1-9*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BG7-5-9	Existing Buildin		1/1/1968	1/1/1983	Central Fixtures Manufacturing Company/ Cub	Manufacturing interior display cases and shelves (woodworking) /building fixtures.
BG7-5-9	Existing Buildin		1/1/1956	1/1/1967	Grinnel Sash and Door	Appeared in Area 7 sometime prior to 1960. Located slightly northwest of Building IN-2-5.

Name *Building_Dome_1*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BG7-39	Razed Building					One of three domed areas located southwest of the warehouses in Area 7. The warehouses are listed as potential land disposal cells. Currently the site is revegetated.

Name *Building_Dome_2*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BG7-39	Razed Building					One of three domed areas located southwest of the warehouses in Area 7. The warehouses are listed as potential land disposal cells. Currently the site is revegetated.

Name *Building_Dome_3*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BG7-39	Razed Building					One of three domed areas located southwest of the warehouses in Area 7. The warehouses are listed as potential land disposal cells. Currently the site is revegetated.

Name *Building_IN-1-1*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BG7-1	Existing Buildin		1/1/1972	1/1/1973	Rend Lake Beverages, Inc.	Based on USFWS records, this building was not used by this tenant.
BG7-1	Existing Buildin		1/1/1988	1/1/1995	Olin	Probable storage of equipment and materials
BG7-1	Existing Buildin		1/1/1998	6/1/2005	John L. Rosenberger/Rod Starkweather	Storage of equipment for lake concessions
BG7-1	Existing Buildin		1/1/1984	1/1/1988	B.B. Robertson	unknown
BG7-1	Existing Buildin		1/1/1976	1/1/1980	Mental Health Services of Franklin and William	Workshop - assembly of parts by handicapped people
BG7-1	Existing Buildin		1/1/1974	1/1/1975	Pre-Hung Door Company	Specifics unknown
BG7-1	Existing Buildin		1/1/1996	1/1/1997	American Trim	Warehouse storage
BG7-1	Existing Buildin		1/1/1968	1/1/1972	Humitube Packaging, Inc.	Manufacturing paper products
BG7-1	Existing Buildin		1/1/1955	1/1/1968	General Services Administration (GSA) for the	Storage of medical, engineering, and engineering defense emergency supplies
BG7-1	Existing Buildin		1/1/1949	1/1/1954	Pickens, Roberts, and Mayor	Chemical processing and packaging
BG7-1	Existing Buildin		1/1/1942	1/1/1945	Sherwin Williams Defense Corporation	inert storage
BG7-1	Existing Buildin		1/1/1973	4/1/1974	Southern Illinois Manufacturing Company, Inc.	unknown

Name *Building_IN-1-2*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BG7-2	Existing Buildin		5/1/1957	3/1/1965	Norge	Warehousing washers and dryers
BG7-2	Existing Buildin		1/1/1966	1/1/1972	Allen Industries	Probably same activities as first lease (warehousing and production of rug underlay samples and for warehousing of packing materials).
BG7-2	Existing Buildin		1/1/1955	1/1/1956	Allen Industries	Warehousing and production of rug underlay samples and for warehousing of packing materials.
BG7-2	Existing Buildin		1/1/1949	1/1/1950	Hercules Powder	Storage of linter for explosive powder production. Linter consisted of cotton fibers and fuzz escaping removal in the ginning operation.
BG7-2	Existing Buildin		1/1/1949	1/1/1949	USFWS	Grain storage
BG7-2	Existing Buildin		1/1/1942	1/1/1945	Sherwin Williams Defense Corporation	Inert storage
BG7-2	Existing Buildin		1/1/2001	6/1/2005	MDM (The Party Shop)	Storage of party supplies
BG7-2	Existing Buildin		1/1/1973	1/1/1980	Turco Manufacturing Company	Storing finished, boxed gym sets; bar stools; and/or other finished, boxed toy products.
BG7-2	Existing Buildin		1/1/1980	1/1/1999	Olin/Primex	Storage of inert materials and surplus equipment

Crab Orchard Building Summary *Area: 7*

Name *Building_IN-1-3*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BG7-3	Existing Buildin		1/1/1971	1/1/1971	Pennzoil Co.	Warehousing motor oil, barrel washing operations, oil products distributorship.
BG7-3	Existing Buildin		1/1/1956	1/1/1957	Allen Industries	Warehousing and production of rug underlay samples and for warehousing of packing materials.
BG7-3	Existing Buildin	technical aldrin, 94-97%; technical bidrin; ciodrin 2-3%; ciovap; technical dieldrin 100%; technical endrin 95-99%; technical nemagon; phosdrin; technical planavin; planavin 75%; rabon; vapona 1%; technical vapona; allyl alcohol; azordin; compound 4072; halbard; technical nethyl parathion; 10% parathion 1% telodrin; niran 10-G; SD-8447 2lb/gal solution XP-837; SD-8447 4lb/gal solution XP-783; SD-8447 75% wettable powder code 3-15-24-1; vapona smear XP-246; vapona in petrolatum XP-507; vapona 50% solution XP-465; vapona 90% solution XP-409; 20% vapona resin XP-555; vapona 0.5% dieldrin-0.5% spray solution; verdan senescence inhibitor	1/1/1961	1/1/1966	Great Lakes Terminal and Transport Corpora	Storage of packaged agricultural chemicals (pesticides).
BG7-3	Existing Buildin		1/1/1963	1/1/1964	Norge	Warehousing washers and dryers
BG7-3	Existing Buildin		1/1/1942	1/1/1945	Sherwin Williams Defense Corporation	Inert storage
BG7-3	Existing Buildin		1/1/1976	1/1/1981	Federal Prison Industries - U.S. Department of	Warehousing of prison products
BG7-3	Existing Buildin		6/1/2005	6/1/2005	Maytag Appliances	Storage of service parts for equipment that is no longer manufactured.
BG7-3	Existing Buildin		1/1/1949	1/1/1950	Hercules Powder	Storage of linter for explosive powder production. Linter consisted of cotton fibers and fuzz escaping removal in the ginning operation.
BG7-3	Existing Buildin	MSMA, malathion	1/1/1986	1/1/1990	Little Egypt Grain Co.	Storage of bushels of corn. Little Egypt Grain Co. hired Cape-Kil Pest Control Co. to apply herbicides and pesticides to their storage facilities.
BG7-3	Existing Buildin		1/1/1970	1/1/1971	Mark Twain Marine Industries	Manufacturing boats and boat accessories
BG7-3	Existing Buildin		1/1/1966	1/1/1967	Norge	Warehousing washers and dryers

Name *Building_IN-1-4*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BG7-4	Existing Buildin	technical aldrin, 94-97%; technical bidrin; ciodrin 2-3%; ciovap; technical dieldrin 100%; technical endrin 95-99%; technical nemagon; phosdrin; technical planavin; planavin 75%; rabon; vapona 1%; technical vapona; allyl alcohol; azordin; compound 4072; halbard; technical nethyl parathion; 10% parathion 1% telodrin; niran 10-G; SD-8447 2lb/gal solution XP-837; SD-8447 4lb/gal solution XP-783; SD-8447 75% wettable powder code 3-15-24-1; vapona smear XP-246; vapona in petrolatum XP-507; vapona 50% solution XP-465; vapona 90% solution XP-409; 20% vapona resin XP-555; vapona 0.5% dieldrin-0.5% spray solution; verdan senescence inhibitor	1/1/1961	1/1/1971	Great Lakes Terminal and Transport	Pesticide storage
BG7-4	Existing Buildin		1/1/1971	1/1/1971	Pennzoil	Warehousing motor oil, barrel washing operations, oil products distributorship.
BG7-4	Existing Buildin		11/1/1971	5/1/1976	Olin	Storage of ordnance explosives and ordnance materials
BG7-4	Existing Buildin		1/1/1956	1/1/1957	Allen Industries	Warehousing and production of rug underlay samples and for warehousing of packing materials.
BG7-4	Existing Buildin		1/1/1942	1/1/1945	Sherwin Williams Defense Corporation	Inert storage
BG7-4	Existing Buildin		1/1/1976	1/1/1980	Royal Crown (R.C.) Bottling Company	Storage of vehicles and other items
BG7-4	Existing Buildin		1/1/1949	1/1/1950	Hercules Powder	Storage of linter for explosive powder production. Linter consisted of cotton fibers and fuzz escaping removal in the ginning operation.

Name *Building_IN-1-5*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BG7-5	Existing Buildin		1/1/1942	1/1/1945	Sherwin Williams Defense Corporation	Inert storage
BG7-5	Existing Buildin	MSMA, malathion	1/1/1986	1/1/1990	Little Egypt Grain Co.	Storage of bushels of corn. Little Egypt Grain Co. hired Cape-Kil Pest Control Co. to apply herbicides and pesticides to their storage facilities.
BG7-5	Existing Buildin		1/1/1971	1/1/1983	Central Fixtures Manufacturing Company later	Woodworking
BG7-5	Existing Buildin		1/1/1949	1/1/1950	Hercules Powder	Storage of linter for explosive powder production. Linter consisted of cotton fibers and fuzz escaping removal in the ginning operation.
BG7-5	Existing Buildin	technical aldrin, 94-97%; technical bidrin; ciodrin 2-3%; ciovap; technical dieldrin 100%; technical endrin 95-99%; technical nemagon; phosdrin; technical planavin; planavin 75%; rabon; vapona 1%; technical vapona; allyl alcohol; azordin; compound 4072; halbard; technical nethyl parathion; 10% parathion 1% telodrin; niran 10-G; SD-8447 2lb/gal solution XP-837; SD-8447 4lb/gal solution XP-783; SD-8447 75% wettable powder code 3-15-24-1; vapona smear XP-246; vapona in petrolatum XP-507; vapona 50% solution XP-465; vapona 90% solution XP-409; 20% vapona resin XP-555; vapona 0.5% dieldrin-0.5% spray solution; verdan senescence inhibitor	1/1/1951	1/1/1971	Great Lakes Terminal and Transport	Grain storage. Little Egypt Grain Co. hired Cape-Kil Pest Control Co. to apply herbicides and pesticides to their storage facilities.

Name *Building_IN-1-6*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BG7-6	Existing Buildin		1/1/1942	1/1/1945	Sherwin Williams Defense Corporation	Inert storage
BG7-6	Existing Buildin		1/1/1999	6/1/2005	MDM (The Party Shop)	Storage of party supplies
BG7-6	Existing Buildin		1/1/1949	1/1/1950	Hercules Powder	Storage of linter for explosive powder production. Linter consisted of cotton fibers and fuzz escaping removal in the ginning operation.
BG7-6	Existing Buildin		1/1/1971	1/1/1972	Central Fixtures Manufacturing Company/Cubi	Manufacturing interior display cases and shelves (woodworking) /building fixtures.
BG7-6	Existing Buildin		1/1/1972	1/1/1974	Southern Illinois Manufacturing Company	unknown
BG7-6	Existing Buildin		1/1/1974	1/1/1980	Pre-Hung Door Company	Manufacturing wooden doors.
BG7-6	Existing Buildin		1/1/1980	1/1/1983	Central Fixtures Manufacturing Company/Cubi	Manufacturing interior display cases and shelves (woodworking) /building fixtures.
BG7-6	Existing Buildin		1/1/1951	1/1/1971	Great Lakes Terminal and Transport	Pesticide storage. Little Egypt Grain Co. hired Cape-Kil Pest Control Co. to apply herbicides and pesticides to their storage facilities.
BG7-6	Existing Buildin	MSMA, malathion	1/1/1986	1/1/1990	Little Egypt Grain Co.	Grain storage. Little Egypt Grain Co. hired Cape-Kil Pest Control Co. to apply herbicides and pesticides to their storage facilities.
BG7-6	Existing Buildin		1/1/1985	1/1/1985	Midwest Woodworking and Fixture	Not specified

Name *Building_IN-2-1*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BG7-7	Existing Buildin		1/1/1983	6/1/2005	Hospital and Physicians Consulting Service, In	Listed as "medical manuals".
BG7-7	Existing Buildin		1/1/1942	1/1/1945	Sherwin Williams Defense Corporation	Inert storage
BG7-7	Existing Buildin		1/1/1949	1/1/1954	Pickens, Roberts, and Mayor	Chemical processing and packaging.
BG7-7	Existing Buildin		1/1/1955	1/1/1968	General Services Administration (GSA) for the	Storage of medical, engineering, and defense emergency supplies.
BG7-7	Existing Buildin		1/1/1968	1/1/1972	Humitube Packaging, Inc.	Manufacturing paper products.
BG7-7	Existing Buildin		1/1/1972	1/1/1974	Southern Illinois Manufacturing Company, Inc.	Unknown
BG7-7	Existing Buildin		1/1/1976	1/1/1980	Mental Health Services of Franklin and William	Workshop - assembly of parts by handicapped people
BG7-7	Existing Buildin		1/1/1981	1/1/1983	McBrides Express	Unknown

Name *Building_IN-2-2*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BG7-8	Existing Buildin		1/1/1951	1/1/1952	Allen Industries	Warehousing and production of rug underlay samples and for warehousing of packing materials.
BG7-8	Existing Buildin		1/1/1942	1/1/1945	Sherwin Williams Defense Corporation	Inert storage
BG7-8	Existing Buildin		1/1/1949	1/1/1950	Hercules Powder	Storage of linter for explosive powder production. Linter consisted of cotton fibers and fuzz escaping removal in the ginning operation.
BG7-8	Existing Buildin		1/1/1958	1/1/1964	Norge	Warehousing washers and dryers
BG7-8	Existing Buildin		1/1/1972	12/1/2000	Norge (later became Magic Chef in 1979, then	Warehousing washers and dryers
BG7-8	Existing Buildin		1/1/1967	1/1/1972	Allen Industries	Warehousing and production of rug underlay samples and for warehousing of packing materials.

Name *Building_IN-2-5*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BG7-11	Existing Buildin		1/1/1984	1/1/1998	Midwest Woodworking and Fixture	Not specified.
BG7-11	Existing Buildin		1/1/1998	1/1/2000	Orpack Stone Corporation	Manufacturing, assembly, and storage of boxes.
BG7-11	Existing Buildin		1/1/1968	1/1/1983	Central Fixtures Manufacturing Company/ Cub	Manufacturing interior display cases and shelves (woodworking) /building fixtures.
BG7-11	Existing Buildin		1/1/1956	1/1/1967	Grinnel Sash and Door	Manufacturing of wooden sash and doorframes, and blinds.
BG7-11	Existing Buildin		1/1/1949	1/1/1950	Hercules Powder	Storage of linter for explosive powder production. Linter consisted of cotton fibers and fuzz escaping removal in the ginning operation.
BG7-11	Existing Buildin		1/1/1942	1/1/1945	Sherwin Williams Defense Corporation	Inert storage

Name *Building_IN-2-6*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BG7-12	Existing Buildin		1/1/1949	1/1/1950	Hercules Powder	Storage of linter for explosive powder production. Linter consisted of cotton fibers and fuzz escaping removal in the ginning operation.
BG7-12	Existing Buildin		1/1/1956	1/1/1967	Grinnel Sash and Door	Manufacturing of wooden sash and doorframes, and blinds.
BG7-12	Existing Buildin		1/1/1968	1/1/1983	Central Fixtures Manufacturing Company/ Cub	Manufacturing interior display cases and shelves (woodworking) /building fixtures.
BG7-12	Existing Buildin		1/1/1984	1/1/1998	Midwest Woodworking and Fixture	Not specified.
BG7-12	Existing Buildin		1/1/1998	1/1/2000	Orpack Stone Corporation	Manufacturing, assembly, and storage of boxes.
BG7-12	Existing Buildin		1/1/1942	1/1/1945	Sherwin Williams Defense Corporation	Inert storage

Name *Building_IN-3-1*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BG7-13	Existing Buildin		1/1/1968	1/1/1972	Humitube Packaging, Inc.	Manufacturing paper products. Building supposedly burned down in December of 1971.
BG7-13	Existing Buildin		1/1/1942	1/1/1945	Sherwin Williams Defense Corporation	Inert storage
BG7-13	Existing Buildin		1/1/1955	1/1/1968	General Services Administration (GSA) for the	Storage of medical, engineering, and defense emergency supplies.

Name *Building_IN-3-2*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BG7-14	Existing Buildin		1/1/1948	1/1/1950	ACME Equipment Co.	Warehousing
BG7-14	Existing Buildin		1/1/1958	1/1/1964	Norge (later became Magic Chef in 1979, then	Warehousing washers and dryers
BG7-14	Existing Buildin		10/1/1965	9/1/1966	Commercial Solvents Corporation	Storage of bagged fertilizer
BG7-14	Existing Buildin		1/1/1967	1/1/1972	Allen Industries	Warehousing and production of rug underlay samples and for warehousing of packing materials.
BG7-14	Existing Buildin		1/1/1974	1/1/1981	Turco Manufacturing Company	Storing finished, boxed gym sets; bar stools; and/or other finished, boxed toy products.
BG7-14	Existing Buildin		1/1/1986	1/1/1990	Little Egypt Grain Co.	Grain storage. Little Egypt Grain Co. hired Cape-Kil Pest Control Co. to apply herbicides and pesticides to their storage facilities.
BG7-14	Existing Buildin		1/1/1990	1/1/2000	Orpack Stone Corporation	Manufacturing, assembly, and storage of boxes.
BG7-14	Existing Buildin		1/1/1942	1/1/1945	Sherwin Williams Defense Corporation	Inert storage

Name *Building_IN-3-3*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BG7-15	Existing Buildin		1/1/1957	1/1/1965	Norge (later became Magic Chef in 1979, then	Warehousing washers and dryers
BG7-15	Existing Buildin		1/1/1999	1/1/2000	Orpack Stone Corporation	Manufacturing, assembly, and storage of boxes.
BG7-15	Existing Buildin		1/1/1980	1/1/1999	Olin/Primex	Storage of inert materials and surplus equipment.
BG7-15	Existing Buildin		1/1/1974	1/1/1980	Turco Manufacturing Company	Storing finished, boxed gym sets; bar stools; and/or other finished, boxed toy products.
BG7-15	Existing Buildin		1/1/1967	1/1/1972	Allen Industries	Warehousing and production of rug underlay samples and for warehousing of packing materials.
BG7-15	Existing Buildin		1/1/1956	1/1/1967	Grinnel Sash and Door	Manufacturing of wooden sash and doorframes, and blinds.
BG7-15	Existing Buildin		1/1/1949	1/1/1950	Hercules Powder	Storage of linter for explosive powder production. Linter consisted of cotton fibers and fuzz escaping removal in the ginning operation.
BG7-15	Existing Buildin		1/1/1942	1/1/1945	Sherwin Williams Defense Corporation	Inert storage
BG7-15	Existing Buildin		1/1/1973	1/1/1974	Norge (later became Magic Chef in 1979, then	Warehousing washers and dryers

Name *Building_IN-3-4*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BG7-16	Existing Buildin		1/1/1987	1/1/1988	Little Egypt Grain Co.	Grain storage. Little Egypt Grain Co. hired Cape-Kil Pest Control Co. to apply herbicides and pesticides to their storage facilities.
BG7-16	Existing Buildin		1/1/1942	1/1/1945	Sherwin Williams Defense Corporation	Inert storage
BG7-16	Existing Buildin		1/1/1946	1/1/1951	Radionic Products Inc./Supreme Transformer/	Specifics unknown
BG7-16	Existing Buildin		1/1/1957	1/1/1959	Radionic Products Inc./Supreme Transformer/	Specifics unknown
BG7-16	Existing Buildin		1/1/1964	1/1/1971	Allen Industries	Warehousing and production of rug underlay samples and for warehousing of packing materials.
BG7-16	Existing Buildin		1/1/1971	1/1/1986	Pennzoil	Warehousing motor oil, barrel washing operations, oil products distributorship.

Crab Orchard Building Summary *Area: 7*

Name *Building_IN-3-5*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BG7-17	Razed Building		1/1/1981	1/1/1986	Pennzoil	Warehousing motor oil, barrel washing operations, oil products distributorship.
BG7-17	Razed Building		1/1/1974	1/1/1977	Dura-Plex	Manufacture of fiberglass panel houses.
BG7-17	Razed Building		1/1/1977	1/1/1980	Turco Manufacturing Company	Storing finished, boxed gym sets; bar stools; and/or other finished, boxed toy products.
BG7-17	Razed Building		1/1/1967	1/1/1974	Seyer Buckner Tool and Machine Co./Belos	Precision machining, stamping, welding and dies or manufacturing pallets.
BG7-17	Razed Building				Egyptian Woodcrafts	Piano Manufacturing
BG7-17	Razed Building		1/1/1965	1/1/1966	Whitby Brothers Piano, Inc.	Piano Manufacturing
BG7-17	Razed Building		1/1/1964	1/1/1964	Permanent Homes	Specifics unknown. Permanent Homes is a prefabricated homebuilder.
BG7-17	Razed Building		1/1/1956	1/1/1956	Castellano Construction Co.	Manufacturing pre-fabricated housing.
BG7-17	Razed Building		1/1/1956	1/1/1956	Allen Industries	Warehousing and production of rug underlay samples and for warehousing of packing materials.
BG7-17	Razed Building		1/1/1950	1/1/1951	Towal Manufacturing Company	Specifics unknown. Towal is a manufacturer of ice vending machines.
BG7-17	Razed Building		1/1/1942	1/1/1945	Sherwin Williams Defense Corporation	Inert storage
BG7-17	Razed Building		1/1/1961	1/1/1963	Permanent Homes	Specifics unknown. Permanent Homes is a prefabricated homebuilder.
BG7-17	Razed Building		1/1/1987	1/1/1990	Little Egypt Grain Co.	Grain storage. Little Egypt Grain Co. hired Cape-Kil Pest Control Co. to apply herbicides and pesticides to their storage facilities.

Name *Building_IN-3-6*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BG7-18	Existing Buildin		1/1/1961	1/1/1963	Olin	Probable storage of equipment and materials
BG7-18	Existing Buildin		1/1/1942	1/1/1945	Sherwin Williams Defense Corporation	Inert storage
BG7-18	Existing Buildin		1/1/1987	1/1/1990	Little Egypt Grain Co.	Grain storage. Little Egypt Grain Co. hired Cape-Kil Pest Control Co. to apply herbicides and pesticides to their storage facilities.
BG7-18	Existing Buildin		1/1/1982	1/1/1992	Castel Properties	Manufacturing
BG7-18	Existing Buildin		1/1/1974	1/1/1980	Dura-Plex	Manufacture of fiberglass panel houses.
BG7-18	Existing Buildin		1/1/1967	1/1/1974	Seyer Buckner Tool and Machine Co./Belos	Precision machining, stamping, welding, and dies or manufacturing pallets.
BG7-18	Existing Buildin		1/1/1964	1/1/1964	Norge (later became Magic Chef in 1979, then	Warehousing washers and dryers
BG7-18	Existing Buildin		1/1/1965	1/1/1966	Whitby Brothers Pianos, Inc.	Piano manufacturing

Name *Building_IN-4-1*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BG7-19	Existing Buildin		1/1/1968	1/1/1972	Humitube Packaging, Inc.	Manufacturing paper products
BG7-19	Existing Buildin		7/1/1972	1/1/1997	Olin	Storage
BG7-19	Existing Buildin		1/1/1997	6/1/2005	Olin (East Alton)	Specifics unknown
BG7-19	Existing Buildin		1/1/1942	1/1/1945	Sherwin Williams Defense Corporation	Inert storage
BG7-19	Existing Buildin		1/1/1955	1/1/1968	General Services Administration (GSA) for the	Storage of medical, engineering, and defense emergency supplies.
BG7-19	Existing Buildin		1/1/1949	1/1/1950	Hercules Powder	Storage of linter for explosive powder production. Linter consisted of cotton fibers and fuzz escaping removal in the ginning operation.

Crab Orchard Building Summary *Area: 7*

Name *Building_IN-4-2*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BG7-20	Existing Buildin		1/1/1949	1/1/1951	ACME Equipment Co.	Warehousing
BG7-20	Existing Buildin		1/1/1957	1/1/1986	Allen Industries	Warehousing and production of rug underlay samples and for warehousing of packing materials.
BG7-20	Existing Buildin		1/1/1986	1/1/1990	Little Egypt Grain Co.	Grain storage. Little Egypt Grain Co. hired Cape-Kil Pest Control Co. to apply herbicides and pesticides to their storage facilities.
BG7-20	Existing Buildin		1/1/1990	1/1/2000	Orpack Stone Corporation	Manufacturing, assembly, and storage of boxes.
BG7-20	Existing Buildin		1/1/1942	1/1/1945	Sherwin Williams Defense Corporation	Inert storage

Name *Building_IN-4-3*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BG7-21	Existing Buildin		1/1/1990	1/1/2000	Orpack Stone Corporation	Manufacturing, assembly, and storage of boxes.
BG7-21	Existing Buildin		1/1/1942	1/1/1945	Sherwin Williams Defense Corporation	Inert storage
BG7-21	Existing Buildin		1/1/1949	1/1/1950	Hercules Powder	Storage of linter for explosive powder production. Linter consisted of cotton fibers and fuzz escaping removal in the ginning operation.
BG7-21	Existing Buildin		1/1/1957	1/1/1986	Allen Industries	Warehousing and production of rug underlay samples and for warehousing of packing materials.
BG7-21	Existing Buildin		1/1/1986	1/1/1990	Little Egypt Grain Co.	Grain storage. Little Egypt Grain Co. hired Cape-Kil Pest Control Co. to apply herbicides and pesticides to their storage facilities.

Name *Building_IN-4-4*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BG7-22	Razed Building		1/1/1971	1/1/1986	Pennzoil	Warehousing motor oil, barrel washing operations, oil products distributorship.
BG7-22	Razed Building		1/1/1965	1/1/1966	United Church Builders, Inc.	Specifics unknown. United Church Builders, Inc. are manufacturers of pre-fabricated churches.
BG7-22	Razed Building		1/1/1942	1/1/1945	Sherwin Williams Defense Corporation	Inert storage
BG7-22	Razed Building		1/1/1949	1/1/1951	Radionic Products Inc.	Specifics unknown

Name *Building_IN-4-5*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BG7-23	Existing Buildin		1/1/1980	6/1/2005	Olin/Primex/GDO and TS	Specifics not known for Olin. For Primex/GDO & TS - Storage of inert materials and surplus equipment.
BG7-23	Existing Buildin		1/1/1942	1/1/1945	Sherwin Williams Defense Corporation	Inert storage
BG7-23	Existing Buildin		1/1/1953	1/1/1957	GTE	Temporary storage of materials and supplies.
BG7-23	Existing Buildin		1/1/1956	1/1/1963	Oxford Electric	Electrical equipment and possibly for manufacturing transformers.
BG7-23	Existing Buildin		1/1/1963	1/1/1964	Norge (later became Magic Chef in 1979, then	Warehousing washers and dryers
BG7-23	Existing Buildin		1/1/1972	1/1/1973	Ram Fiber Glass	Storage of plastics (fabricated or molded products).
BG7-23	Existing Buildin		1/1/1968	1/1/1972	Southern Illinois Paper Co.	Sales of National Tape Co. Products, also some manufacturing.
BG7-23	Existing Buildin		1/1/1973	1/1/1974	Norge (later became Magic Chef in 1979, then	Warehousing washers and dryers
BG7-23	Existing Buildin		1/1/1975	1/1/1976	Dolan Machinery Co.	Rebuilding mining equipment.
BG7-23	Existing Buildin		1/1/1976	1/1/1980	Turco Manufacturing Company	Storing finished, boxed gym sets; bar stools; and/or other finished, boxed toy products.
BG7-23	Existing Buildin		4/1/1965	4/1/1967	Commercial Solvents Corporation	Storage of bagged fertilizer.

Name *Building_IN-4-6*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BG7-24	Existing Buildin		1/1/1972	6/1/2005	Olin (East Alton)	Storage
BG7-24	Existing Buildin		1/1/1970	1/1/1971	Mark Twain Marine Industries	Manufacturing boats and boat accessories.
BG7-24	Existing Buildin		1/1/1966	1/1/1967	Norge (later became Magic Chef in 1979, then	Warehousing washers and dryers
BG7-24	Existing Buildin		1/1/1961	1/1/1963	Olin	Specifics not known
BG7-24	Existing Buildin		1/1/1942	1/1/1945	Sherwin Williams Defense Corporation	Inert storage

Name *Building_IN-5-1*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BG7-25	Existing Buildin		1/1/1997	1/1/1999	Primex Technologies, Inc.	Cold storage of inert materials and surplus equipment.
BG7-25	Existing Buildin		1/1/1942	1/1/1945	Sherwin Williams Defense Corporation	Inert storage
BG7-25	Existing Buildin		1/1/1955	1/1/1970	General Services Administration (GSA) for the	Storage of medical, engineering, and defense emergency supplies.
BG7-25	Existing Buildin		1/1/1986	1/1/1990	Little Egypt Grain Co.	Grain storage. Little Egypt Grain Co. hired Cape-Kil Pest Control Co. to apply herbicides and pesticides to their storage facilities.
BG7-25	Existing Buildin		1/1/1999	6/1/2005	U.S. Department of Justice, Federal Bureau of	Unknown
BG7-25	Existing Buildin		1/1/1970	1/1/1980	Turco Manufacturing Company	Storing finished, boxed gym sets; bar stools; and/or other finished, boxed toy products.
BG7-25	Existing Buildin		1/1/1980	1/1/1985	Diagraph	Warehouse
BG7-25	Existing Buildin		1/1/1949	1/1/1950	Hercules Powder	Storage of linter for explosive powder production. Linter consisted of cotton fibers and fuzz escaping removal in the ginning operation.

Name *Building_IN-5-2*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BG7-26	Existing Buildin		1/1/1976	1/1/1987	R.A. Wilkie Machine and Plating Company	Manufacturing and rebuilding mining equipment. The Helical Bit Company, Inc. changed to R.A. Wilkie Machine and Plating Company in 1976.
BG7-26	Existing Buildin		1/1/1958	1/1/1964	Norge (later became Magic Chef in 1979, then	Warehousing washers and dryers
BG7-26	Existing Buildin		1/1/1987	1/1/1988	Little Egypt Grain Co.	Grain storage. Little Egypt Grain Co. hired Cape-Kil Pest Control Co. to apply herbicides and pesticides to their storage facilities.
BG7-26	Existing Buildin		1/1/1973	1/1/1976	Helical Bit Company, Inc.	Manufacturing and rebuilding mining equipment.
BG7-26	Existing Buildin		1/1/1972	1/1/1973	Olin	Manufacturing and other business concerns. Olin had metal fabrication processes going on in the building. During this time Olin connected buildings IN-5-2 and IN-5-3.
BG7-26	Existing Buildin		10/1/1965	9/1/1966	Commercial Solvents Corporation	Storage of bagged fertilizer
BG7-26	Existing Buildin		1/1/1949	1/1/1951	ACME Equipment Co.	Warehousing
BG7-26	Existing Buildin		1/1/1942	1/1/1945	Sherwin Williams Defense Corporation	Inert storage
BG7-26	Existing Buildin		1/1/1969	1/1/1971	Olin	Manufacturing and other business concerns. Olin had metal fabrication processes going on in the building. During this time Olin connected buildings IN-5-2 and IN-5-3.

Name *Building_IN-5-3*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BG7-27	Razed Building		1/1/1976	1/1/1987	R.A. Wilkie Machine and Plating Company	Manufacturing and rebuilding mining equipment. The Helical Bit Company, Inc. changed to R.A. Wilkie Machine and Plating Company in 1976.
BG7-27	Razed Building		1/1/1942	1/1/1945	Sherwin Williams Defense Corporation	Inert storage
BG7-27	Razed Building		1/1/1987	1/1/1988	Little Egypt Grain Co.	Grain storage. Little Egypt Grain Co. hired Cape-Kil Pest Control Co. to apply herbicides and pesticides to their storage facilities. Facility destroyed by fire in 1988.
BG7-27	Razed Building		1/1/1973	1/1/1976	Helical Bit Company, Inc.	Manufacturing and rebuilding mining equipment.
BG7-27	Razed Building		1/1/1972	1/1/1973	Olin	Manufacturing and other business concerns. Olin had metal fabrication processes going on in the building. During this time Olin connected buildings IN-5-2 and IN-5-3.
BG7-27	Razed Building		1/1/1969	1/1/1971	Olin	Manufacturing and other business concerns. Olin had metal fabrication processes going on in the building. During this time Olin connected buildings IN-5-2 and IN-5-3.
BG7-27	Razed Building		10/1/1963	4/1/1969	Commercial Solvents Corporation	Storage of bagged fertilizer.
BG7-27	Razed Building		1/1/1948	1/1/1952	ACME Equipment Co.	Warehousing
BG7-27	Razed Building		1/1/1961	1/1/1963	Olin	Specifics not found.

Name *Building_IN-5-4*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BG7-28	Existing Buildin		1/1/1942	1/1/1945	Sherwin Williams Defense Corporation	Inert storage
BG7-28	Existing Buildin		1/1/1964	1/1/1976	Norge (later became Magic Chef in 1979, then	Warehousing washers and dryers
BG7-28	Existing Buildin		1/1/1970	1/1/1971	City Distributing Company, Inc.	Storage.
BG7-28	Existing Buildin		1/1/1971	1/1/1975	Rend Lake Beverages, Inc.	Unknown
BG7-28	Existing Buildin		1/1/1984	1/1/1985	Norge (later became Magic Chef in 1979, then	Warehousing washers and dryers
BG7-28	Existing Buildin		1/1/1986	1/1/1990	Little Egypt Grain Co.	Grain storage. Little Egypt Grain Co. hired Cape-Kil Pest Control Co. to apply herbicides and pesticides to their storage facilities. Facility destroyed by fire in 1988.
BG7-28	Existing Buildin		1/1/1997	1/1/1999	Primex Technologies, Inc.	Cold storage of inert materials and surplus equipment.

Name *Building_IN-5-5*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BG7-29	Razed Building		1/1/1987	1/1/1990	Little Egypt Grain Co.	Grain storage. Little Egypt Grain Co. hired Cape-Kil Pest Control Co. to apply herbicides and pesticides to their storage facilities. Facility destroyed by fire in 1988.
BG7-29	Razed Building		1/1/1964	1/1/1964	Norge (later became Magic Chef in 1979, then	Warehousing washers and dryers
BG7-29	Razed Building		1/1/1979	1/1/1982	Turco Manufacturing Company	Storing finished, boxed gym sets; bar stools; and/or other finished, boxed toy products.
BG7-29	Razed Building		1/1/1982	1/1/1987	Castel Properties	Cold storage
BG7-29	Razed Building		10/1/1973	9/1/1979	The Federal Prison Industries - U.S. Departme	Warehousing of prison products.
BG7-29	Razed Building		1/1/1942	1/1/1945	Sherwin Williams Defense Corporation	Inert storage
BG7-29	Razed Building		1/1/1970	1/1/1973	Mark Twain Marine Industries	Manufacturing boats and boat accessories.

Name *Building_IN-5-6*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BG7-30	Existing Buildin		1/1/1942	1/1/1945	Sherwin Williams Defense Corporation	Inert storage
BG7-30	Existing Buildin		1/1/1970	1/1/1973	Mark Twain Marine Industries	Manufacturing boats and boat accessories
BG7-30	Existing Buildin		1/1/1975	1/1/1976	Crab Orchard Field and Trial Club	Horse Barn
BG7-30	Existing Buildin		10/1/1973	9/1/1979	The Federal Prison Industries - U.S. Departme	Warehousing of prison products
BG7-30	Existing Buildin		1/1/1976	1/1/1981	Turco Manufacturing Company	Storing finished, boxed gym sets; bar stools; and/or other finished, boxed toy products.
BG7-30	Existing Buildin		1/1/1986	1/1/1990	Little Egypt Grain Co.	Grain storage. Little Egypt Grain Co. hired Cape-Kil Pest Control Co. to apply herbicides and pesticides to their storage facilities. Facility destroyed by fire in 1988.
BG7-30	Existing Buildin		1/1/2001	6/1/2005	Operating Engineers Union Local 318	Classroom storage

Name *Building_IN-5-7*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BG7-31	Razed Building		1/1/1942	1/1/1945	Sherwin Williams Defense Corporation	Inert storage
BG7-31	Razed Building		1/1/1948	1/1/1963	Crab Orchard Field and Trial Club	Horse barn. Building destroyed by fire in May of 1963.
BG7-31	Razed Building		6/1/1972	5/1/1973	Olin	Olin used the pad from the destroyed building for storage of tube-steel.

Name *Building_IN-6-1*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BG7-32	Existing Buildin		1/1/1976	1/1/1981	The Federal Prison Industries - U.S. Departme	Warehousing of prison products
BG7-32	Existing Buildin		1/1/1982	1/1/1985	Diagraph Corporation	Warehouse
BG7-32	Existing Buildin			6/1/2005	U.S. Department of Justice, Federal Bureau of	Unknown
BG7-32	Existing Buildin		1/1/1974	1/1/1975	Southern Illinois Plating	Unknown
BG7-32	Existing Buildin		1/1/1970	1/1/1974	Southern Illinois University - Employment Train	Storage facility for Employment Training Center
BG7-32	Existing Buildin		1/1/1955	1/1/1970	General Services Administration (GSA) for the	Storage of medical, engineering, and defense emergency supplies.
BG7-32	Existing Buildin		1/1/1942	1/1/1945	Sherwin Williams Defense Corporation	Inert storage
BG7-32	Existing Buildin		1/1/1949	1/1/1950	Hercules Powder	Storage of linter for explosive powder production. Linter consisted of cotton fibers and fuzz escaping removal in the ginning operation.

Name *Building_IN-6-2*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BG7-33	Existing Buildin		1/1/1942	1/1/1945	Sherwin Williams Defense Corporation	Inert storage
BG7-33	Existing Buildin		1/1/1990	1/1/2000	Orpack Stone Corp.	Manufacturing, assembly, and storage of boxes.
BG7-33	Existing Buildin		1/1/1949	1/1/1951	ACME Equipment Co.	Warehousing
BG7-33	Existing Buildin		1/1/1955	1/1/1956	Allen Industries	Warehousing and production of rug underlay samples and for warehousing of packing materials.
BG7-33	Existing Buildin		1/1/1956	1/1/1957	Marion Metal and Roofing Company	Warehousing roofing materials.
BG7-33	Existing Buildin		1/1/1957	1/1/1967	Allen Industries	Warehousing and production of rug underlay samples and for warehousing of packing materials.
BG7-33	Existing Buildin		1/1/1967	1/1/1976	Olin	Unknown
BG7-33	Existing Buildin		1/1/1976	1/1/1982	R.A. Wilkie Machine and Plating Co.	Storage
BG7-33	Existing Buildin		1/1/1986	1/1/1990	Little Egypt Grain Co.	Grain storage. Little Egypt Grain Co. hired Cape-Kil Pest Control Co. to apply herbicides and pesticides to their storage facilities. Facility destroyed by fire in 1988.

Name *Building_IN-6-3*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BG7-34	MISC					Never actually built

Name *Building_IN-6-4*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BG7-35	Razed Building		1/1/1972	1/1/1973	Ram Fiber Glass	Not known.
BG7-35	Razed Building		1/1/1951	1/1/1952	National Distributing Company	Unknown
BG7-35	Razed Building		1/1/1965	1/1/1966	Southern Illinois Woodworking	Building burned down between 1951 and 1960. Foundation was used for storage.
BG7-35	Razed Building		1/1/1942	1/1/1945	Sherwin Williams Defense Corporation	Inert storage

Name *Building_IN-6-5*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BG7-36	Existing Buildin		1/1/1976	1/1/1981	Martell Truck Body and Boat Manufacturing	Mine car rebuilding
BG7-36	Existing Buildin		1/1/1982	1/1/1992	Castel Properties	Manufacturing
BG7-36	Existing Buildin		1/1/1972	1/1/1973	Ram Fiber Glass	Warehouse for storage of plastics (fabricated or molded products)
BG7-36	Existing Buildin		1/1/1973	1/1/1975	B and J Distributing	Unknown
BG7-36	Existing Buildin		1/1/1968	1/1/1973	National Tape Corporation	Manufacturing pressure sensitive tape
BG7-36	Existing Buildin		1/1/1967	1/1/1968	Vern, Inc.	Planned manufacture mobile homes; however, according to the USFWS they never began manufacturing.
BG7-36	Existing Buildin		1/1/1966	1/1/1966	Egyptian Woodcrafts	Specifics not known
BG7-36	Existing Buildin		1/1/1964	1/1/1966	Southern Illinois Woodworking	Specifics not known
BG7-36	Existing Buildin		1/1/1964	1/1/1964	Norge (later became Magic Chef in 1979, then	Warehousing washers and dryers
BG7-36	Existing Buildin		1/1/1951	1/1/1952	National Distributing Company	Unknown
BG7-36	Existing Buildin		1/1/1942	1/1/1945	Sherwin Williams Defense Corporation	Inert storage
BG7-36	Existing Buildin		1/1/1967	6/1/2005	Primex Technologies, Inc./GDO and TS	Cold storage of inert materials and surplus equipment

Name *Building_IN-6-6*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BG7-37	Razed Building		1/1/1973	1/1/1975	B and J Distributing	Unknown
BG7-37	Razed Building		1/1/1968	1/1/1971	National Tape Corporation	Manufacturing pressure sensitive tape
BG7-37	Razed Building		1/1/1967	1/1/1968	Vern, Inc.	Planned manufacture of mobile homes; however, according to the USFWS they never began manufacturing.
BG7-37	Razed Building		1/1/1964	1/1/1966	Southern Illinois Woodworking	Specifics not known
BG7-37	Razed Building		1/1/1951	1/1/1952	National Distributing Company	Unknown
BG7-37	Razed Building		1/1/1942	1/1/1945	Sherwin Williams Defense Corporation	Inert storage
BG7-37	Razed Building		1/1/1972	1/1/1973	Olin (foundation only)	Storage

Name *Building_IN-6-7*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BG7-38	Razed Building		1/1/1942	1/1/1945	Sherwin Williams Defense Corporation	Inert storage
BG7-38	Razed Building		1/1/1948	1/1/1969	Crab Orchard Field and Trial Club	Foundation was used for dog kennels, also a small support structure was built. Building was moved to Area 12 in 1946.

Name *Building_P-1-13*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BG7-5-13	Razed Building				Great Lakes Terminal and Transport	Building moved from Area 2P to the middle of the south side of Building IN-1-5.

Name *Furnace_1*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
F7-1	Existing Buildin		1/1/1968	1/1/1972	Humitube Packaging, Inc.	One of two No. 2 oil-fired furnaces.

Name *Furnace_2*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
F7-2	Existing Buildin		1/1/1968	1/1/1972	Humitube Packaging, Inc.	One of two No. 2 oil-fired furnaces.

Name *UST_1*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
UST7-1	Existing Buildin		1/1/1968	1/1/1972	Humitube Packaging, Inc.	A 10000 gallon capacity fuel oil underground storage tank associated with Building IN-1-1. Exact location unknown.

Name *AST_1*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
AST7-1	AST		1/1/1942	1/1/1945	SWDC/War Department	An above ground storage tank associated with the boiler house, Building III-1-24. Later aerial photographs show pools of oil near where the tank existed.

Name *Building_III-1-1*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BG8-1	Razed Building					Building taken from aerials and CAD drawings.

Name *Building_III-1-10*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BG8-10	Razed Building	TNT	1/1/1942	1/1/1945	SWDC/War Department	The TNT Service Building served as the location for receiving TNT deliveries. TNT was also staged in this building.
BG8-10	Razed Building		6/1/1969	11/1/1970	CTI	CTI produced pyrotechnic devices and explosive products.
BG8-10	Razed Building		1/1/1960	1/1/1962	Olin	unknown

Name *Building_III-1-10A*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BG8-10A	Razed Building		8/1/1944	1/1/1945	SWDC/War Department	Service Magazine
BG8-10A	Razed Building		6/1/1969	11/1/1970	CTI	CTI produced pyrotechnic devices and explosive products.
BG8-10A	Razed Building	ammonium nitrate	1/1/1960	1/1/1962	Olin	Storage of ammonium nitrate

Name *Building_III-1-11*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BG8-11	Razed Building	TNT	1/1/1942	1/1/1945	SWDC/War Department	The TNT Cooling Building housed newly manufactured bombs during cooling.
BG8-11	Razed Building		1/1/1959	1/1/1962	Olin	unknown
BG8-11	Razed Building		1/1/1969	1/1/1970	CTI	CTI produced pyrotechnic devices and explosive products. Could possibly have been used as an open storage/disposal area. Destroyed by accidental fire (4/13/1975) as a cigarette ignited explosive residue

Name *Building_III-1-12*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BG8-12	Razed Building		1/1/1974	1/1/1981	American Fiber Lite	Used for the manufacture of fibreglass products.
BG8-12	Razed Building		1/1/1969	1/1/1970	CTI	CTI produced pyrotechnic devices and explosive products.
BG8-12	Razed Building		1/1/1942	1/1/1945	SWDC/War Department	The TNT Cooling Building housed newly manufactured bombs during cooling.
BG8-12	Razed Building	Ammonium nitrate	1/1/1959	1/1/1962	Olin	Storage of ammonium nitrate.

Name *Building_III-1-12A*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BG8-12A	Razed Building		8/1/1944	1/1/1945	SWDC/War Department	Cooling building
BG8-12A	Razed Building	Ammonium nitrate	1/1/1959	1/1/1962	Olin	Storage of ammonium nitrate fertilizer
BG8-12A	Razed Building		6/1/1969	11/1/1970	CTI	CTI produced pyrotechnic devices and explosive products.
BG8-12A	Razed Building		11/1/1975	1/1/1976	U.S. Army Armament Command	Decontamination by the U.S. Army Armament Command.
BG8-12A	Razed Building		1/1/1976	3/1/1981	American Fiber Lite	Used for the manufacture of fibreglass products.

Name *Building_III-1-13*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BG8-13	Razed Building		6/1/1969	11/1/1970	CTI	CTI produced pyrotechnic devices and explosive products.
BG8-13	Razed Building	Ammonium nitrate	1/1/1959	1/1/1962	Olin	Storage of ammonium nitrate fertilizer
BG8-13	Razed Building		6/1/1971	6/30/1971	Surrey Homes, Inc.	Manufacturing Plant
BG8-13	Razed Building		4/1/1973	3/1/1981	American Fiber Lite	Used for the manufacture of fibreglass products.
BG8-13	Razed Building	smokeless powder	1/1/1965	1/1/1968	Petrof Trading Company	Grinding of smokeless powder
BG8-13	Razed Building	TNT, tetryl	1/1/1942	1/1/1945	SWDC/War Department	The TNT Melting Building may have been used to top off bombs with TNT. Tetryl boosters were inserted into bombs and metal base caps were placed on the bombs in this building.

Name *Building_III-1-14*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BG8-14	Razed Building	TNT	1/1/1942	1/1/1945	SWDC/War Department	TNT Screening Building
BG8-14	Razed Building		1/1/1976	3/1/1981	American Fiber Lite	Used for the manufacture of fibreglass products.
BG8-14	Razed Building		6/1/1969	11/1/1970	CTI	CTI produced pyrotechnic devices and explosive products.
BG8-14	Razed Building		1/1/1959	1/1/1962	Olin	Storage of ammonium nitrate fertilizer

Name *Building_III-1-15*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BG8-15	Razed Building	TNT	1/1/1942	1/1/1945	SWDC/War Department	TNT was delivered to and staged in the TNT Service Magazine.
BG8-15	Razed Building	Ammonium nitrate	1/1/1959	1/1/1962	Olin	Storage of ammonium nitrate fertilizer.
BG8-15	Razed Building		6/1/1969	11/1/1970	CTI	CTI produced pyrotechnic devices and explosive products.
BG8-15	Razed Building		1/1/1976	3/1/1981	American Fiber Lite	Used for the manufacture of fibreglass products.

Name *Building_III-1-16*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BG8-16	Razed Building	Ammonium nitrate	1/1/1959	1/1/1962	Olin	Storage of ammonium nitrate fertilizer.
BG8-16	Razed Building		6/1/1969	11/1/1970	CTI	CTI produced pyrotechnic devices and explosive products.
BG8-16	Razed Building		1/1/1942	1/1/1945	SWDC/War Department	The Booster Service Magazine was used for the temporary storage of boosters and may have also been used for the installation of boosters.
BG8-16	Razed Building		4/1/1973	3/1/1981	American Fiber Lite	Used for the manufacture of fibreglass products.
BG8-16	Razed Building	smokeless powder	1/1/1965	1/1/1968	Petrof Trading Company	Grinding of smokeless powder.

Name *Building_III-1-17*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BG8-17	Razed Building		1/1/1976	3/1/1981	American Fiber Lite	Used for the manufacture of fibreglass products.
BG8-17	Razed Building		1/1/1942	1/1/1945	SWDC/War Department	Component Service Magazine
BG8-17	Razed Building		1/1/1960	1/1/1962	Olin	unknown
BG8-17	Razed Building		6/1/1969	11/1/1970	CTI	CTI produced pyrotechnic devices and explosive products.

Name *Building_III-1-18*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BG8-18	Razed Building		6/1/1969	11/1/1970	CTI	CTI produced pyrotechnic devices and explosive products.
BG8-18	Razed Building		1/1/1960	1/1/1962	Olin	unknown
BG8-18	Razed Building		1/1/1942	1/1/1945	SWDC/War Department	Used for the inspection and shipping of bombs. Known as the Assembly, Packing, and Shipping Building. Building razed prior to 1960.

Name *Building_III-1-19*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BG8-19	Razed Building		1/1/1960	1/1/1962	Olin	unknown
BG8-19	Razed Building		1/1/1942	1/1/1945	SWDC/War Department	Paint Storage Magazine
BG8-19	Razed Building		6/1/1969	11/1/1970	CTI	CTI produced pyrotechnic devices and explosive products. Building razed by 1980.

Name *Building_III-1-2*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BG8-2	Razed Building					Building taken from aerials and CAD drawings.

Name *Building_III-1-20*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BG8-20	Razed Building		1/1/1960	1/1/1962	Olin	unknown
BG8-20	Razed Building		1/1/1942	1/1/1945	SWDC/War Department	Guard House

Name *Building_III-1-21*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BG8-21	Razed Building		6/1/1969	11/1/1970	CTI	CTI produced pyrotechnic devices and explosive products.
BG8-21	Razed Building		6/1/1976	1/1/1977	The Department of Justice - Bureau of Prisons	Emergency detention center for prisoners.
BG8-21	Razed Building		5/1/1972	1/1/1973	International Sign and Manufacturing Compan	unknown
BG8-21	Razed Building		1/1/1960	1/1/1962	Olin	unknown
BG8-21	Razed Building		1/1/1942	1/1/1945	SWDC/War Department	A Change House containing locker rooms and lunchrooms. All drains were connected to sewers.

Name *Building_III-1-22*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BG8-22	Razed Building		1/1/1942	1/1/1945	SWDC/War Department	The Timekeepers Building contained office space, utility rooms, and time clock rooms. Razed sometime between 1951 and 1960.
BG8-22	Razed Building		1/1/1960	1/1/1962	Olin	Cylinder shaped objects seen in aerial photo of site.

Name *Building_III-1-23*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BG8-23	Razed Building		1/1/1942	1/1/1945	SWDC/War Department	A Change House containing locker rooms and lunchrooms. All drains were connected to sewers.
BG8-23	Razed Building		1/1/1978	1/1/1980	Diagraph	unknown

Name *Building_III-1-24*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BG8-24	Razed Building		1/1/1942	1/1/1945	SWDC/War Department	The Boiler House contained a sump pit, a fuel oil pump, a compressor, a feedwater heater tank, two boilers and a condensate storage tank. The building had four USTs associated with it. Scarred ground areas and standing liquid viewed near the building.

Name *Building_III-1-26*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BG8-26	Razed Building					Building taken from aerials and CAD drawings.

Name *Building_III-1-28*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BG8-28	Razed Building		1/1/1960	1/1/1962	Olin	unknown
BG8-28	Razed Building		1/1/1942	1/1/1945	SWDC/War Department	Condensate Pump House

Name *Building_III-1-29*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BG8-29	Razed Building		1/1/1960	1/1/1962	Olin	unknown
BG8-29	Razed Building		6/1/1969	11/1/1970	CTI	CTI produced pyrotechnic devices and explosive products.
BG8-29	Razed Building		1/1/1942	1/1/1945	SWDC/War Department	Condensate Pump House

Name *Building_III-1-3*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BG8-3	Razed Building					Building taken from aerials and CAD drawings.

Name *Building_III-1-30*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BG8-30	Razed Building		1/1/1960	1/1/1962	Olin	unknown
BG8-30	Razed Building		1/1/1942	1/1/1945	SWDC/War Department	Condensate Pump House

Name *Building_III-1-5*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BG8-5	Razed Building					Building taken from aerials and CAD drawings.

Name *Building_III-1-6*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BG8-6	Razed Building		1/1/1960	1/1/1962	Olin	unknown
BG8-6	Razed Building		1/1/1942	1/1/1945	SWDC/War Department	Booster Service Magazine used to store boosters.
BG8-6	Razed Building		1/1/1978	1/1/1980	Diagraph	unknown

Name *Building_III-1-7*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BG8-7	Razed Building	TNT, amatol, ammonium nitrate	1/1/1942	1/1/1945	SWDC/War Department	Building III-1-7 contained equipment for the melting and pouring for the manufacturing of 500 lb bombs. The building contained equipment for heating and mixing, cleaning, pouring and cleaning, cooling, and settling and evaporation.
BG8-7	Razed Building	TNT, amatol, ammonium nitrate	1/1/1960	1/1/1962	Olin	Storage of ammonium nitrate
BG8-7	Razed Building	TNT, amatol, ammonium nitrate		1/1/1975	Diagraph	Storage of materials

Name *Building_III-1-8*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BG8-8	Razed Building	TNT, ammonium nitrate	1/1/1942	1/1/1945	SWDC/War Department	This screening building contained four screening machines used for the screening of TNT and ammonium nitrate.
BG8-8	Razed Building		1/1/1960	1/1/1962	Olin	unknown
BG8-8	Razed Building	nitroglycerin, powder	6/1/1969	11/1/1970	CTI	CTI produced pyrotechnic devices and explosive products.

Name *Building_III-1-9*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BG8-9	Razed Building		1/1/1960	1/1/1962	Olin	unknown
BG8-9	Razed Building	TNT, ammonium nitrate	1/1/1942	1/1/1945	SWDC/War Department	Used for the staging of TNT and ammonium nitrate.
BG8-9	Razed Building		1/1/1949	1/1/1953	Hoosier Cardinal Corporation	Manufactured and finished decorative equipment for stoves, refrigerators, and automobiles. Also manufactured Ford emblems.

Name *LandfillDump_1*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
LD8-1	Landfill/Dump	black powder	1/1/1968	10/1/2003	USFWS	Black powder was left in the buildings when Petrof left the area. All remaining black powder was buried in a hole by the USFWS and the area fenced off.

Name *PitLagoon_1*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
PL8-1	Pits/Lagoons		1/1/1965			pond

Name *PitLagoon_2*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
PL0065-2	Pits/Lagoons		1/1/1971			pond

Name *PitLagoon_3*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
PL8-1	Pits/Lagoons		1/1/1993			pond

Name *UST_1*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
UST7-1	UST	oil	1/1/1942	1/1/1945	SWDC/War Department	An underground oil storage tank associated with the boiler house, Building III-1-24. It is unknown whether or not the storage tanks have been removed.

Name *UST_2*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
UST-A4E_2	UST	oil	1/1/1942	1/1/1945	SWDC/War Department	An underground oil storage tank associated with the boiler house, Building III-1-24. It is unknown whether or not the storage tanks have been removed.

Name *UST_3*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
UST-9-3	UST	oil	1/1/1942	1/1/1945	SWDC/War Department	An underground oil storage tank associated with the boiler house, Building III-1-24. It is unknown whether or not the storage tanks have been removed.

Name *UST_4*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
UST-9-4	UST	oil	1/1/1942	1/1/1945	SWDC/War Department	An underground oil storage tank associated with the boiler house, Building III-1-24. It is unknown whether or not the storage tanks have been removed.

Crab Orchard Building Summary *Area: 9*

Name *Building_I-1-1*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BG9-2	Existing Buildin	iron powder, aluminum stearate, soda ash, asbestos, T-2342, curing agent, toluenediamine, Epon 828, Epirez 505 and 510, red and white dyes	1/1/1942	1/1/1945	Sherwin Williams Defense Corporation	Inert storage building for various substances
BG9-2	Existing Buildin		1/1/1965	1/1/1983	Southern Illinois University School of Technical	Possible painting operation
BG9-2	Existing Buildin	iron powder, aluminum stearate, soda ash, asbestos, T-2342, curing agent, toluenediamine, Epon 828, Epirez 505 and 510, red and white dyes	1/1/1967	1/1/1996	Olin	Phalanx Operations
BG9-2	Existing Buildin	iron powder, aluminum stearate, soda ash, asbestos, T-2342, curing agent, toluenediamine, Epon 828, Epirez 505 and 510, red and white dyes	1/1/1946	1/1/1952	Sangamo Electric Company	Inert storage building for various substances
BG9-2	Existing Buildin	iron powder, aluminum stearate, soda ash, asbestos, T-2342, curing agent, toluenediamine, Epon 828, Epirez 505 and 510, red and white dyes	1/1/1996	10/1/2003	Primex	

Name *Building_I-1-10*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BG9-10	Razed Building	ammonium nitrate	1/1/1942	1/1/1945	Sherwin Williams Defense Corporation	Ammonium nitrate service building which served as an ammonium nitrate staging area.

Name *Building_I-1-101*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BG9-101	Existing Buildin		1/1/1971	1/1/1997	Olin	Building used for explosives-related activities since the building is surrounded by a berm. By the late 1970s Olin used the building for HEI pellet storage. Also referred to as Olin Building I-1-35.
BG9-101	Existing Buildin		1/1/1997	10/1/2003	Primex	Building used for cold storage purposes and hazardous waste storage. Also referred to as Olin Building I-1-35.

Name *Building_I-1-101An1*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BG9-101An1	Existing Buildin		1/1/1998	10/1/2003	Primex	unknown

Name *Building_I-1-102*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BG9-102	Existing Buildin		1/1/1998	10/1/2003	Primex	unknown

Name *Building_I-1-103*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BG9-103	Existing Buildin		1/1/1998	10/1/2003	Primex	unknown

Name *Building_I-1-104*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BG9-104	Existing Buildin		1/1/1998	10/1/2003	Primex	unknown

Name *Building_I-1-105*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BG9-105	Existing Buildin		1/1/1998	10/1/2003	Primex	unknown

Name *Building_I-1-106*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BG9-106	Existing Buildin		1/1/1998	10/1/2003	Primex	unknown

Name *Building_I-1-107*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BG9-107	Existing Buildin		1/1/1998	10/1/2003	Primex	unknown

Name *Building_I-1-108*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BG9-108	Existing Buildin		1/1/1998	10/1/2003	Primex	unknown

Name *Building_I-1-109*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BG9-109	Building		1/1/1997	10/1/2003	Primex	unknown

Name *Building_I-1-11*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BG9-11	Existing Buildin		1/1/1969	1/1/1997	Olin	Used for pyrotechnic mixing operations
BG9-11	Existing Buildin		1/1/1997	10/1/2003	Primex	Used for pyrotechnic mixing operations
BG9-11	Existing Buildin			1/1/1963	Good Luck Glove	Manufacturer of mittens, cotton flannels, jersey, leather combinations, and work gloves
BG9-11	Existing Buildin		1/1/1963	1/1/1970	Technical Tape Corp.	Gift wrap manufacturer
BG9-11	Existing Buildin		1/1/1942	1/1/1945	Sherwin Williams Defense Corporation	The Booster Service Magazine building was used to store boosters prior to insertion into shells.

Name *Building_I-1-110*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BG9-110	Building		1/1/1997	10/1/2003	Primex	unknown

Name *Building_I-1-12*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BG9-12	Existing Buildin		1/1/1963	1/1/1970	Technical Tape Corp.	Gift wrap manufacturer
BG9-12	Existing Buildin		1/1/1942	1/1/1945	Sherwin Williams Defense Corporation	Contained bays for the drilling and boostering of shells. Also contained office space.
BG9-12	Existing Buildin	pyro-propellant, explosives, ammunition, primers	1/1/1969	1/1/1997	Olin	Used as a dock for explosive scrap pickup. Building later used to load trace mix into projectiles. Dehumidification was necessary in building and collected water was discharged into surrounding soils.
BG9-12	Existing Buildin		1/1/1997	10/1/2003	Primex	Building used for manufacturing.
BG9-12	Existing Buildin			1/1/1963	Good Luck Glove	Manufacturer of mittens, cotton flannels, jersey, leather combinations, and work gloves

Name *Building_I-1-13*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BG9-13	Razed Building		1/1/1942	1/1/1945	Sherwin Williams Defense Corporation	Vacuum pump house associated with the operations within the drilling and boostering building.

Name *Building_I-1-14*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BG9-14	Razed Building		1/1/1942	1/1/1945	Sherwin Williams Defense Corporation	Vacuum pump house associated with the operations within the drilling and boostering building.

Name *Building_I-1-15*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BG9-15	Razed Building		1/1/1942	1/1/1945	Sherwin Williams Defense Corporation	Vacuum pump house associated with the operations within the drilling and boostering building.

Name *Building_I-1-16*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BG9-16	Razed Building		1/1/1942	1/1/1945	Sherwin Williams Defense Corporation	Vacuum pump house associated with the operations within the drilling and boostering building.

Name *Building_I-1-17*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BG9-17	Razed Building		1/1/1942	1/1/1945	Sherwin Williams Defense Corporation	Vacuum pump house associated with the operations within the drilling and boostering building.

Name *Building_I-1-18*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BG9-18	Razed Building		1/1/1942	1/1/1945	Sherwin Williams Defense Corporation	Vacuum pump house associated with the operations within the drilling and boostering building.

Name *Building_I-1-2*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BG9-2	Existing Buildin		1/1/1996	10/1/2003	Primex	Cold storage building
BG9-2	Existing Buildin		1/1/1967	1/1/1996	Olin	Receiving and storage building
BG9-2	Existing Buildin		1/1/1946	1/1/1952	Sangamo Electric Company	Receiving and storage building
BG9-2	Existing Buildin		1/1/1965	1/1/1983	Southern Illinois University School of Technical	vocational training school
BG9-2	Existing Buildin		1/1/1942	1/1/1945	Sherwin Williams Defense Corporation	Receiving and storage building

Name *Building_I-1-20*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BG9-20	Existing Buildin		1/1/1956	1/1/1962	Sangamo Electric Company	
BG9-20	Existing Buildin	boron, potassium nitrate, graphite, polyvinyl acetate, methylene chloride, Type A Ball Powder, Ink, Lacquer, enamel, barium, lead, azide, styphnate	1/1/1967	1/1/1997	Olin	Building used for pyrotechnic mixing operations and for the manufacturing of nose cones for 20-mm and 25-mm ammunition. In the late 1970s production related to 30MM and GAU 8/A activities took place in this building. Building also used for the .50 Caliber Trace Line and for Olin's rotor ball preparation/assembly for their M505 fuse program.
BG9-20	Existing Buildin		1/1/1997	10/1/2003	Primex	Used for cold storage purposes.
BG9-20	Existing Buildin		1/1/1942	1/1/1945	Sherwin Williams Defense Corporation	Under the assembly, packing, and shipping building designation, this building was used for the final assembly, packaging, and shipping of the shells and anti-tank mines manufactured on load line I.

Name *Building_I-1-20P*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BG9-20P	Razed Building	RS41, RDX A4	1/1/1971	1/1/1997	Olin	Likely used by Olin for the storage of explosives called RS41 and RDX A4.

Name *Building_I-1-21*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BG9-21	Razed Building		1/1/1942	1/1/1945	Sherwin Williams Defense Corporation	Used to store smokeless powder
BG9-21	Razed Building		6/1/1955	10/1/1955	Sangamo Electric Company	Used by Sangamo until the building burned down.
BG9-21	Razed Building		1/1/1948	12/31/1948	Fidelity Manufacturing	

Name *Building_I-1-21N*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BG9-21N	Razed Building		1/1/1967	1/1/1993	Olin	Renamed to I-1-23A. Used by Olin for pack out purposes for their 30MM GAU 8/A production activities. Building removed sometime after 1993.
BG9-21N	Razed Building		11/1/1955	1/1/1962	Sangamo Electric Company	Rebuilt building I-1-21 after it burned down.

Name *Building_I-1-22*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BG9-22	Existing Buildin	ammonium nitrate, TNT	1/1/1942	1/1/1945	Sherwin Williams Defense Corporation	Building used to open boxes of smokeless powder and for melting explosives and filling shells. At the eastern end of the building, TNT and ammonium nitrate were heated and mixed in kettles.
BG9-22	Existing Buildin		1/1/1967	1/1/1997	Olin	
BG9-22	Existing Buildin		1/1/1997	10/1/2003	Primex	Possibly relocated to current location. Used for cold storage purposes.

Name *Building_I-1-23*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BG9-23	Existing Buildin		1/1/1942	1/1/1945	Sherwin Williams Defense Corporation	Building contained eight assembly and crimping machines, one crimping press, and 2 arbor presses. It is assumed that primers were inserted in this building.
BG9-23	Existing Buildin		1/1/1955	1/1/1962	Sangamo Electric Company	
BG9-23	Existing Buildin	boron, potassium nitrate, graphite, polyvinyl acetate, methylene chloride, Type A Ball Powder, Ink, Lacquer, enamel	1/1/1967	1/1/1997	Olin	Processes relating to Olin's 30MM GAU 8/A production activities including primer assembly, HEI charging and fusing, cartridge loading, crimping, printing, gaging, weighing, and pack out.

Name *Building_I-1-23A*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BG9-23N	Razed Building		1/1/1967	1/1/1997	Olin	Previously known as Olin Building I-1-21N

Name *Building_I-1-23P*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BG9-23P	Razed Building		1/1/1967	1/1/1997	Olin	Used by Olin to store hazardous waste. Location of building unknown.

Name *Building_I-1-24*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BG9-24	Razed Building		1/1/1955	1/1/1962	Sangamo Electric Company	
BG9-24	Razed Building		1/1/1942	1/1/1945	Sherwin Williams Defense Corporation	Used to store primers prior to use in building I-1-23, or the Propellant Charge Building.
BG9-24	Razed Building		1/1/1967	1/1/1997	Olin	Removed sometime after 1993.

Name *Building_I-1-25*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BG9-25	Existing Buildin		1/1/1967	1/1/1997	Olin	Building used for operations relating to Olin's 20MM Phalanx Operations.
BG9-25	Existing Buildin		1/1/1956	1/1/1962	Sangamo Electric Company	
BG9-25	Existing Buildin		1/1/1942	1/1/1945	Sherwin Williams Defense Corporation	A change house that contained locker rooms and lunchrooms. Historically change sewers for ordnance plants have contained explosives residues.

Name *Building_I-1-26*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BG9-26	Razed Building		1/1/1942	1/1/1945	Sherwin Williams Defense Corporation	A change house that contained locker rooms and lunchrooms. Historically change sewers for ordnance plants have contained explosives residues. Building removed prior to 1993.
BG9-26	Razed Building		1/1/1956	12/31/1956	Pyramid Industrial Finishes	Produced industrial lacquers and paints
BG9-26	Razed Building		1/1/1961	1/1/1983	Southern Illinois University School of Technical	Vocational training for handicapped persons

Name *Building_I-1-27*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BG9-27	Razed Building		1/1/1942	1/1/1945	Sherwin Williams Defense Corporation	A change house that contained locker rooms and lunchrooms. Historically change sewers for ordnance plants have contained explosives residues. Building removed prior to 1993.
BG9-27	Razed Building		1/1/1964	12/31/1964	Engineers Explosives	Explosives-related activities
BG9-27	Razed Building		1/1/1942	1/1/1945	Sherwin Williams Defense Corporation	A change house that contained locker rooms and lunchrooms. Historically change sewers for ordnance plants have contained explosives residues. Building removed prior to 1993.

Name *Building_I-1-28*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BG9-28	Razed Building		1/1/1965	1/1/1983	SIU-STC	A change house that contained locker rooms and lunchrooms. Historically change sewers for ordnance plants have contained explosives residues. Building removed prior to 1993.
BG9-28	Razed Building		1/1/1956	1/1/1962	Sangamo Electric Company	A change house that contained locker rooms and lunchrooms. Historically change sewers for ordnance plants have contained explosives residues. Building removed prior to 1993.
BG9-28	Razed Building		1/1/1942	1/1/1945	Sherwin Williams Defense Corporation	A change house that contained locker rooms and lunchrooms. Historically change sewers for ordnance plants have contained explosives residues. Building removed prior to 1993.

Name *Building_I-1-29*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BG9-29	Razed Building		1/1/1942	1/1/1945	Sherwin Williams Defense Corporation	A boiler house containing a sump pit, fuel oil pump, compressor, feedwater heater pump, two boilers, and a condensate storage tank. Also had four underground storage tanks. Building razed sometime between 1965 and 1971.

Name *Building_I-1-3*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BG9-3	Existing Buildin		1/1/1996	10/1/2003	Primex	Cold storage
BG9-3	Existing Buildin		1/1/1942	1/1/1945	Sherwin Williams Defense Corporation	Cleaning and painting building containing one pressure-feed tank, two paint spray booths, and two drying ovens.
BG9-3	Existing Buildin		1/1/1946	1/1/1952	Sangamo Electric Company	Cleaning and painting building containing one pressure-feed tank, two paint spray booths, and two drying ovens.
BG9-3	Existing Buildin		1/1/1975	1/1/1996	Olin	Receiving and storage
BG9-3	Existing Buildin		1/1/1968	1/1/1978	Mark Twain Industries	Boat Manufacturer

Name *Building_I-1-30*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BG9-30	Razed Building		1/1/1973	1/1/1974	Midwest Brush	Brush and glue manufacturer
BG9-30	Razed Building		1/1/1974	1/1/1988	Midwest Brush	Conference room
BG9-30	Razed Building		1/1/1949	1/1/1950	Ora Collard	
BG9-30	Razed Building		1/1/1962	1/1/1962	Sangamo	Building removed sometime between 1980 and 1983.
BG9-30	Razed Building		1/1/1942	1/1/1945	Sherwin Williams Defense Corporation	The Timekeepers Building contained office space, utility rooms, and time clock rooms.
BG9-30	Razed Building		1/1/1964	1/1/1973	SIU-Geology Department	Rock sample and core drilling

Name *Building_I-1-31*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BG9-31	Razed Building		1/1/1942	1/1/1945	Sherwin Williams Defense Corporation	The Timekeepers Building contained office space, utility rooms, and time clock rooms. Removed sometime between 1971 and 1980.
BG9-31	Razed Building		1/1/1955	1/1/1966	Knute Aronson	
BG9-31	Razed Building		1/1/1966	1/1/1974	SIU-STC	Vocational training
BG9-31	Razed Building		1/1/1974	1/1/1976	Mental Health Services of Franklin and William	Manufacturing

Name *Building_I-1-32*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BG9-32	Razed Building		1/1/1942	1/1/1945	Sherwin Williams Defense Department	Northern Guard House removed sometime prior to 1965.

Name *Building_I-1-33*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BG9-33	Razed Building		1/1/1942	1/1/1945	Sherwin Williams Defense Corporation	Southern Guard House removed sometime prior to 1965.

Name *Building_I-1-34*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BG9-34	Razed Building		1/1/1942	1/1/1945	Sherwin Williams Defense Corporation	Condensate Pumping House located near the southeast corner of Building I-1-2. Removed sometime between 1971 and 1980.

Name *Building_I-1-34_An_1*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BG9-34-An1	Existing Buildin		1/1/1998	10/1/2003	Primex	PA/SI only states that Primex is the current tenant.

Name *Building_I-1-35*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BG9-35	Razed Building		1/1/1942	1/1/1945	Sherwin Williams Defense Corporation	The Condensate Pump House was removed between 1971 and 1980.

Name *Building_I-1-35A*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BG9-35A	Existing Buildin		1/1/1997	10/1/2003	Primex	Used for cold storage purposes.
BG9-35A	Existing Buildin		1/1/1975	1/1/1997	Olin	Housed up to 5000 pounds of RDX pellets.

Name *Building_I-1-35B*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BG9-36B	Existing Buildin		1/1/1997	10/1/2003	Primex	Used for cold storage purposes.
BG9-36B	Existing Buildin		1/1/1975	1/1/1997	Olin	Housed up to 5000 pounds of RDX pellets.

Name *Building_I-1-36*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BG9-36	Razed Building		1/1/1942	1/1/1945	Sherwin Williams Defense Corporation	Condensate Pump House removed sometime between 1951 and 1960.

Name *Building_I-1-37*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BG9-37	Razed Building		1/1/1942	1/1/1945	Sherwin Williams Defense Corporation	Condensate Pump House removed sometime between 1960 and 1965.

Name *Building_I-1-38*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BG9-38	Razed Building		1/1/1942	1/1/1945	Sherwin Williams Defense Corporation	Condensate Pump House removed sometime between 1965 and 1971.

Name *Building_I-1-39*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BG9-39	Razed Building		1/1/1942	1/1/1945	Sherwin Williams Defense Corporation	Condensate Pump House removed sometime between 1971 and 1980.

Name *Building_I-1-3A*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BG9-4	Existing Buildin		1/1/1997	10/1/2003	Primex	Cold Storage
BG9-4	Existing Buildin		1/1/1975	1/1/1996	Olin	Storage
BG9-4	Existing Buildin		1/1/1951	1/1/1962	Sangamo Electric Company	Storage

Name *Building_I-1-4*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BG9-5	Existing Buildin		1/1/1946	1/1/1962	Sangamo Electric Company	Paint equipment cleaning building
BG9-5	Existing Buildin	methylene chloride, isopropanol anhydrous, trichloroethylene, 529 solvent, B-625 (type of solvent), acetone	1/1/1975	1/1/1989	Olin	Used by Olin as a chemical storage building. Many spills of chemicals were noted.
BG9-5	Existing Buildin		1/1/1968	1/1/1978	Mark Twain Industries	Boat Manufacturer
BG9-5	Existing Buildin		1/1/1942	1/1/1945	Sherwin Williams Defense Corporation	Paint equipment cleaning building

Name *Building_I-1-40*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BG9-40	Existing Buildin		1/1/1971	1/1/1984	Olin	Building used for Olin's Phalanx operations until 1984.

Name *Building_I-1-41*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BG9-41	Existing Buildin		1/1/1997	10/1/2003	Primex	Building used for cold storage.
BG9-41	Existing Buildin		1/1/1971	1/1/1997	Olin	Olin housed up to 60,000 pounds of propellant in this building.

Name *Building_I-1-42*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BG9-42	Existing Buildin		1/1/1971	1/1/1997	Olin	Olin housed up to 150,000 pounds of explosives including propellant trace mix, fuses, and trace igniter in this building.
BG9-42	Existing Buildin		1/1/1997	10/1/2003	Primex	Building used for cold storage.

Name *Building_I-1-43*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BG9-43	Existing Buildin		1/1/1971	1/1/1997	Olin	Contained RDX duster filters. Maintenance junk piled behind building as well as residual left from the removal of an HEI charger.
BG9-43	Existing Buildin		1/1/1997	10/1/2003	Primex	Building used for cold storage.

Name *Building_I-1-44*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BG9-44	Existing Buildin		1/1/1997	10/1/2003	Primex	Building used for cold storage.
BG9-44	Existing Buildin		1/1/1971	1/1/1997	Olin	Used to house up to 200,000 pounds of primer.

Name *Building_I-1-45*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BG9-45	Existing Buildin		1/1/1971	1/1/1997	Olin	Used as an accumulation point for unused and unknown chemicals that needed to be disposed.
BG9-45	Existing Buildin		1/1/1997	10/1/2003	Primex	Building used for cold storage.

Name *Building_I-1-46*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BG9-46	Existing Buildin		1/1/1997	10/1/2003	Primex	Building used for cold storage.
BG9-46	Existing Buildin		1/1/1971	1/1/1997	Olin	Used for primer storage.

Name *Building_I-1-47*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BG9-47	Existing Buildin		1/1/1997	10/1/2003	Primex	Building used for cold storage.
BG9-47	Existing Buildin		1/1/1971	1/1/1997	Olin	Storage of inert pellets.

Name *Building_I-1-48*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BG9-48	Existing Buildin		1/1/1980	1/1/1997	Olin	Used by Olin for solvent storage and maintenance.
BG9-48	Existing Buildin		1/1/1997	10/1/2003	Primex	Builiding used for cold storage.

Name *Building_I-1-49*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BG9-49	Existing Buildin		1/1/1967	1/1/1997	Olin	Contained a holding tank for filtered water from Building I-1-12. Building known as Hoffman Slurry House. Up to 150 gallons of contaminated water was located within this building.
BG9-49	Existing Buildin		1/1/1997	10/1/2003	Primex	Building used for cold storage.

Name *Building_I-1-5*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BG9-6	Existing Buildin		1/1/1968	1/1/1978	Mark Twain Industries	Boat Manufacturer
BG9-6	Existing Buildin		1/1/1946	1/1/1962	Sangamo Electric Company	
BG9-6	Existing Buildin		1/1/1942	1/1/1945	Sherwin Williams Defense Corporation	As a paint storage building, paint storage and inspection, packing and shipping were done here.
BG9-6	Existing Buildin	magnesium powder, strontium nitrate, phosphoric acid, magnesium aluminum powder, engine oil, barium nitrate, barium peroxide, polyethylene, zinc stearate, strontium peroxide	1/1/1975	1/1/1989	Olin	Used as a storage facility of materials and chemicals. Spills noted in the building history.

Name *Building_I-1-52P*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BG9-52P	Existing Buildin		1/1/1997	10/1/2003	Primex	Building used for cold storage and as a site where hazardous wastes were accumulated for less than 90 days. Likely a portable building.
BG9-52P	Existing Buildin		1/1/1980	1/1/1997	Olin	Building used to store hazardous waste and for scrap collection. Likely a portable building.

Name *Building_I-1-53P*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BG9-53P	Existing Buildin		1/1/1980	1/1/1997	Olin	Building used to store hazardous waste and for scrap collection. Likely a portable building.
BG9-53P	Existing Buildin		1/1/1997	10/1/2003	Primex	Building used for cold storage and as a site where hazardous wastes were accumulated for less than 90 days. Likely a portable building.

Name *Building_I-1-54*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BG9-54	Existing Buildin		1/1/1967	1/1/1997	Olin	Likely a portable building.
BG9-54	Existing Buildin		1/1/1997	10/1/2003	Primex	Likely a portable building.

Name *Building_I-1-55*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BG9-55	Existing Buildin		1/1/1997	10/1/2003	Primex	Building used for cold storage.
BG9-55	Existing Buildin		1/1/1980	1/1/1997	Olin	unknown

Name *Building_I-1-56*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BG9-56	Existing Buildin		1/1/1997	10/1/2003	Primex	Building used for cold storage.
BG9-56	Existing Buildin		1/1/1971	1/1/1997	Olin	Used as a maintenance office.

Name *Building_I-1-57*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BG9-57	Existing Buildin		1/1/1997	10/1/2003	Primex	Used for cold storage.
BG9-57	Existing Buildin		1/1/1971	1/1/1997	Olin	unknown

Name *Building_I-1-58*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BG9-58	Existing Buildin		1/1/1971	1/1/1997	Olin	unknown

Name *Building_I-1-6*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BG9-7	Razed Building	ammonium nitrate, TNT, amatol	1/1/1942	1/1/1945	Sherwin Williams Defense Corporation	A melt loading building where melting and pouring operations were conducted to fill shells and mines with amatol and TNT.

Name *Building_I-1-61*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BG9-61	Existing Buildin		1/1/1997	10/1/2003	Primex	Building used for cold storage.
BG9-61	Existing Buildin		1/1/1980	1/1/1997	Olin	unknown

Name *Building_I-1-62*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BG9-62	Existing Buildin		1/1/1971	1/1/1997	Olin	unknown
BG9-62	Existing Buildin		1/1/1997	10/1/2003	Primex	unknown

Name *Building_I-1-63*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BG9-63	Existing Buildin		1/1/1971	1/1/1997	Olin	unknown
BG9-63	Existing Buildin		1/1/1997	10/1/2003	Primex	unknown

Name *Building_I-1-64*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BG9-64	Existing Buildin		1/1/1978	1/1/1997	Olin	unknown

Name *Building_I-1-65P*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BG9-65P	Razed Building		1/1/1965	1/1/1997	Olin	Likely a portable building.

Name *Building_I-1-66P*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BG9-66P	Razed Building		1/1/1965	1/1/1997	Olin	Likely a portable building.

Name *Building_I-1-68P*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BG9-68P	Razed Building		1/1/1967	1/1/1997	Olin	unknown

Name *Building_I-1-69P*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BG9-69P	Razed Building		1/1/1967	1/1/1997	Olin	unknown

Name *Building_I-1-70P*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BG9-70P	Razed Building		1/1/1967	1/1/1997	Olin	Building destroyed sometime after 1993.
BG9-70P	Razed Building		1/1/1997		Primex	Building destroyed sometime after 1993.

Name *Building_I-1-71P*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BG9-71P	Razed Building		1/1/1997		Primex	Building destroyed sometime after 1993.
BG9-71P	Razed Building		1/1/1967	1/1/1997	Olin	Building destroyed sometime after 1993.

Name *Building_I-1-72P*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BG9-72P	Razed Building		1/1/1997		Primex	Building destroyed sometime after 1993.
BG9-72P	Razed Building		1/1/1967	1/1/1997	Olin	Building destroyed sometime after 1993.

Name *Building_I-1-73*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BG9-73	Existing Buildin		1/1/1997	10/1/2003	Primex	Used for cold storage.
BG9-73	Existing Buildin		1/1/1971	1/1/1997	Olin	Guard Shack

Name *Building_I-1-74P*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BG9-74P	Existing Buildin		1/1/1978	1/1/1997	Olin	Storage for Olin's 20MM Phalanx operations. Likely a portable building.
BG9-74P	Existing Buildin		1/1/1997	10/1/2003	Primex	Used of cold storage. Likely a portable building.

Name *Building_I-1-75*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BG9-75	Existing Buildin		1/1/1967	1/1/1997	Olin	unknown
BG9-75	Existing Buildin		1/1/1997	10/1/2003	Primex	unknown

Name *Building_I-1-76*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BG9-76	Existing Buildin		1/1/1997	10/1/2003	Primex	unknown
BG9-76	Existing Buildin		1/1/1965	1/1/1997	Olin	unknown

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Name *Building_I-1-77*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BG9-77	Existing Buildin		1/1/1997	10/1/2003	Primex	Used for cold storage.
BG9-77	Existing Buildin		1/1/1975	1/1/1997	Olin	Guard Shack

Name *Building_I-1-78*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BG9-78	Existing Buildin		1/1/1978	1/1/1997	Olin	Possible mix house.
BG9-78	Existing Buildin		1/1/1997	10/1/2003	Primex	unknown

Name *Building_I-1-79*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BG9-79	Existing Buildin		1/1/1976	1/1/1997	Olin	Used as a pump maintenance house.
BG9-79	Existing Buildin		1/1/1997	10/1/2003	Primex	unknown

Name *Building_I-1-8*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BG9-8	Razed Building	ammonium nitrate, TNT	1/1/1942	1/1/1945	Sherwin Williams Defense Corporation	Screening of ammonium nitrate and TNT.

Name *Building_I-1-80*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BG9-80	Razed Building		1/1/1978	1/1/1997	Olin	unknown

Name *Building_I-1-81*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BG9-81	Razed Building		1/1/1978	1/1/1997	Olin	unknown

Name *Building_I-1-82*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BG9-82	Razed Building		1/1/1978	1/1/1997	Olin	unknown

Name *Building_I-1-83*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BG9-83	Razed Building		1/1/1978	1/1/1997	Olin	unknown

Name *Building_I-1-84*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BG9-84	Existing Buildin		1/1/1997	10/1/2003	Primex	unknown
BG9-84	Existing Buildin		1/1/1967	1/1/1997	Olin	unknown

Name *Building_I-1-85*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BG9-85	Existing Buildin		1/1/1967	1/1/1997	Olin	unknown
BG9-85	Existing Buildin		1/1/1997	10/1/2003	Primex	unknown

Name *Building_I-1-86*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BG9-86	Existing Buildin		1/1/1997	10/1/2003	Primex	Used for cold storage and 90-day hazardous waste accumulation.
BG9-86	Existing Buildin		1/1/1965	1/1/1997	Olin	unknown. Maybe same building as I-1-86P.

Name *Building_I-1-87*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BG9-87	Existing Buildin		1/1/1967	1/1/1972	Olin	unknown. Maybe same building as I-1-87P

Name *Building_I-1-88*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BG9-88	Existing Buildin		1/1/1981	1/1/1997	Olin	Known as solar building. Used as storage for Olin's 20MM Phalanx operations.
BG9-88	Existing Buildin		1/1/1997	10/1/2003	Primex	Used for cold storage.

Name *Building_I-1-89*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BG9-89	Existing Buildin		1/1/1967	1/1/1997	Olin	Building used for boiler maintenance.
BG9-89	Existing Buildin		1/1/1997	10/1/2003	Primex	unknown

Name *Building_I-1-9*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BG9-9	Razed Building		1/1/1947	1/1/1949	Pate Roofing and Insulating	
BG9-9	Razed Building	TNT	1/1/1942	1/1/1945	Sherwin Williams Defense Corporation	Location where TNT was staged before use in the melt loading building.

Name *Building_I-1-90*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BG9-90	Existing Buildin		1/1/1980	1/1/1997	Olin	unknown

Name *Building_I-1-91*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BG9-91	Existing Buildin		1/1/1997	10/1/2003	Primex	unknown
BG9-91	Existing Buildin		1/1/1980	1/1/1997	Olin	Olin used this building for air conditioner maintenance.

Name *Building_I-1-92*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BG9-92	Existing Buildin		1/1/1997	10/1/2003	Primex	unknown
BG9-92	Existing Buildin		1/1/1967	1/1/1997	Olin	Housed Olin's vacuum dust system.

Name *Building_I-1-93*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BG9-93	Existing Buildin		1/1/1967	1/1/1997	Olin	unknown
BG9-93	Existing Buildin		1/1/1997	10/1/2003	Primex	unknown

Crab Orchard Building Summary *Area: 9*

Name *Building_I-1-95*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BG9-95	Existing Buildin	calcium resinate, acetone, 510 damping fluid, iron powder, trichloroethylene, stearic acid, soda ash, calcium stearate, ethyl acetate	1/1/1975	1/1/1989	Olin	Building used for chemical storage.
BG9-95	Existing Buildin		1/1/1968	1/1/1978	Mark Twain Marine Industries	Building used for boat manufacturing.

Name *Building_I-1-96*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BG9-96	Existing Buildin		1/1/1947	1/1/1962	Sangamo	Used for capacitor manufacturing.
BG9-96	Existing Buildin		1/1/1975	1/1/1997	Olin	Used to store old equipment and chemicals.
BG9-96	Existing Buildin		1/1/1968	1/1/1978	Mark Twain Marine Industries	Used for boat manufacturing.

Name *Building_I-1-99*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BG9-99	Existing Buildin		1/1/1980	1/1/1997	Olin	unknown

Name *Building_I-2-34P*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BG9-34P	Unknown		1/1/967	1/1/1997	Olin	Hazardous waste storage building.

Name *Building-I-1-19*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BG9-19	Razed Building		1/1/1942	1/1/1945	Sherwin Williams Defense Corporation	Fuse Service Building used to store fuses prior to insertion into shells.

Name *OlinBuilding_I-1-15*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
OBG9-15	Existing Buildin		1/1/1998	10/1/2003	Primex	Exact use and location unknown

Name *OlinBuilding_I-1-21*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
OBG9-21	Razed Building		1/1/1980	1/1/1997	Olin	Uses unknown.
OBG9-21	Razed Building		1/1/1997	10/1/2003	Primex	Used for cold storage purposes.

Name *OlinBuilding_I-1-32*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
OBG9-32	Existing Buildin		1/1/1967	1/1/1997	Olin	Delay, fuse, and trace blending

Name *OlinBuilding_I-1-33*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
OBG9-33	Existing Buildin		1/1/1971	1/1/1997	Olin	Building used for explosives-related activities since the building is surrounded by a berm. Housed items such as "tracer" and "API".
OBG9-33	Existing Buildin		1/1/1997	10/1/2003	Primex	Used for cold storage purposes.

Name *OlinBuilding_I-1-34*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
OBG9-34	Existing Buildin		1/1/1997	10/1/2003	Primex	Primex uses building for manufacturing purposes.
OBG9-34	Existing Buildin		1/1/1967	1/1/1997	Olin	Olin used this building for the storage of HEI pellets and trace mix. Later the building was used for scrap collection.

Name *OlinBuilding_I-1-35*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
OBG9-35	Existing Buildin		1/1/1971	1/1/1997	Olin	Building used for explosives-related activities since the building is surrounded by a berm. By the late 1970s Olin used the building for HEI pellet storage.
OBG9-35	Existing Buildin		1/1/1997	10/1/2003	Primex	Building used for cold storage purposes and hazardous waste storage. Later on referred to as Building I-1-101.

Name *OlinBuilding_I-1-36*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
OBG9-36	Existing Buildin		1/1/1970	1/1/1997	Olin	Part of Olin's propellant staging vacuums system (30MM GAU 8/A)

Name *OlinBuilding_I-1-36A*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
OBG9-36A	Existing Buildin		1/1/1970	1/1/1997	Olin	Part of Olin's propellant staging vacuums system (30MM GAU 8/A)

Name *OlinBuilding_I-1-36B*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
OBG9-36B	Existing Buildin		1/1/1970	1/1/1997	Olin	Part of Olin's propellant staging vacuums system (30MM GAU 8/A)

Name *OlinBuilding_I-1-36C*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
OBG9-36C	Existing Buildin		1/1/1970	1/1/1997	Olin	Part of Olin's propellant staging vacuums system (30MM GAU 8/A)

Name *OlinBuilding_I-1-37*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
OBG9-37	Existing Buildin		1/1/1967	1/1/1997	Olin	Referred to as the Mixer Control Building which was the staging area for M36A2 primer and M505 fuses as well as storage for MK-24 scrap.

Name *OlinBuilding_I-1-38*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
OBG9-38	Existing Buildin		1/1/1967	1/1/1997	Olin	Building used for explosives-related activities. By the late 1970s, building was used for staging RDX and HEI pellets.

Name *OlinBuilding_I-1-39*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
OBG9-39	Razed Building		1/1/1967	1/1/1993	Olin	Building used for explosives-related activities. Olin also used building for staging RDX and HEI pellets. The building was removed sometime between 1980 and 1993.

Name *OlinBuilding-I-1-19*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
OBG9-19	Existing Buildin	benzene, acetone, MEK, calcium resinate, strontium peroxide, magnesium powder	1/1/1965	1/1/1997	Olin	Mixing house used to mix .50 Caliber and 20-mm mixes. Building was cleansed with water that was discharged to the sewer. Water discharges likely contained explosive residues and volatile organic cleaning solvents.
OBG9-19	Existing Buildin		1/1/1997	10/1/2003	Primex	Building used for manufacturing purposes.

Name *Tank-29-1*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
TK-9-29-1	UST		1/1/1942	1/1/1945	Sherwin Williams Defense Corporation	An underground storage tank associated with building I-1-29. Unknown whether the tanks still exist or not.

Name Tank-29-2

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
TK-9-29-2	UST		1/1/1942	1/1/1945	Sherwin Williams Defense Corporation	An underground storage tank associated with building I-1-29. Unknown whether the tanks still exist or not.

Name Tank-29-3

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
TK-9-29-3	UST		1/1/1942	1/1/1945	Sherwin Williams Defense Corporation	An underground storage tank associated with building I-1-29. Unknown whether the tanks still exist or not.

Name Tank-29-4

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
TK-9-29-4	UST		1/1/1942	1/1/1945	Sherwin Williams Defense Corporation	An underground storage tank associated with building I-1-29. Unknown whether the tanks still exist or not.

Name UST_1

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
UST7-1	UST	gasoline	1/1/1972	1/1/1996	Olin	A 9000 gallon steel gasoline UST

Name UST_2

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
UST-A4E_2	UST	gasoline	1/1/1972	1/1/1996	Olin	A 1065 gallon steel gasoline UST

Name UST_3

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
UST-9-3	UST	gasoline	1/1/1972	1/1/1996	Olin	A 550 gallon steel gasoline UST

Name UST_4

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
UST-9-4	UST	fuel oil or diesel	1/1/1967	1/1/1996	Olin	A 10000 gallon steel No. 2 Fuel Oil or Diesel UST

Name UST_5

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
UST-95	UST	fuel oil	1/1/1972	1/1/1995	Olin	A 10000 gallon steel No. 2 Fuel Oil UST that was found to be leaking at one point.

Name *BurnPit-1*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BP10-1	Burn Pit	explosives	1/1/1968	1/1/1970	Olin	Square burning pits used to burn explosive wastes

Name *BurnPit-2*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BP10-2	Burn Pit	explosives	1/1/1968	1/1/1970	Olin	Square burning pits used to burn explosive wastes

Name *BurnPit-3*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BP10-3	Burn Pit	explosives	1/1/1968	1/1/1970	Olin	Square burning pits used to burn explosive wastes

Name *BurnPit-4*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BP10-4	Burn Pit	explosives	1/1/1968	1/1/1970	Olin	Square burning pits used to burn explosive wastes

Name *FBM-1-1*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BG10-1	Razed Building	fuses and boosters	1/1/1942	1/1/1945	Sherwin Williams Defense Corporation	Storage magazines used to house fuses and boosters

Name *FBM-1-2*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BG10-2	Razed Building	fuses and boosters	1/1/1942	1/1/1945	Sherwin Williams Defense Corporation	Storage magazines used to house fuses and boosters

Name *FBM-1-3*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BG10-3	Razed Building	fuses and boosters	1/1/1942	1/1/1945	Sherwin Williams Defense Corporation	Storage magazines used to house fuses and boosters

Name *FBM-1-4*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BG10-4	Razed Building	unknown	1/1/1949	1/1/1951	Sangamo Electric Co.	Storage magazine
BG10-4	Razed Building	fuses and boosters	1/1/1942	1/1/1945	Sherwin Williams Defense Corporation	Storage magazines used to house fuses and boosters

Name *FBM-1-5*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BG10-5	Razed Building	unknown	1/1/1949	1/1/1951	Sangamo Electric Co.	Storage magazine
BG10-5	Razed Building	fuses and boosters	1/1/1942	1/1/1945	Sherwin Williams Defense Corporation	Storage magazines used to house fuses and boosters

Name *FBM-2-1*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BG10-6	Razed Building	fuses and boosters	1/1/1942	1/1/1945	Sherwin Williams Defense Corporation	Storage magazines used to house fuses and boosters

Name *FBM-2-2*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BG10-7	Razed Building	fuses and boosters	1/1/1942	1/1/1945	Sherwin Williams Defense Corporation	Storage magazines used to house fuses and boosters

Name *FBM-2-3*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BG10-8	Razed Building	fuses and boosters	1/1/1942	1/1/1945	Sherwin Williams Defense Corporation	Storage magazines used to house fuses and boosters

Name *FBM-2-4*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BG10-9	Razed Building	fuses and boosters	1/1/1942	1/1/1945	Sherwin Williams Defense Corporation	Storage magazines used to house fuses and boosters

Name *FBM-2-5*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BG10-10	Razed Building	fuses and boosters	1/1/1942	1/1/1945	Sherwin Williams Defense Corporation	Storage magazines used to house fuses and boosters

Name *FBM-3-1*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BG10-11	Razed Building	fuses and boosters	1/1/1942	1/1/1945	Sherwin Williams Defense Corporation	Storage magazines used to house fuses and boosters
BG10-11	Razed Building		1/1/1949	1/1/1956	USFWS	Storage magazine for grain

Name *FBM-3-2*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BG10-12	Razed Building		1/1/1949	1/1/1956	USFWS	Storage magazine for grain
BG10-12	Razed Building	fuses and boosters	1/1/1942	1/1/1945	Sherwin Williams Defense Corporation	Storage magazines used to house fuses and boosters

Name *FBM-3-3*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BG10-13	Razed Building		1/1/1949	1/1/1956	USFWS	Storage magazine for grain
BG10-13	Razed Building	fuses and boosters	1/1/1942	1/1/1945	Sherwin Williams Defense Corporation	Storage magazines used to house fuses and boosters

Name *FBM-4-1*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BG10-14	Razed Building	fuses and boosters	1/1/1942	1/1/1945	Sherwin Williams Defense Corporation	Storage magazines used to house fuses and boosters

Name *FBM-4-2*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BG10-15	Razed Building	fuses and boosters	1/1/1942	1/1/1945	Sherwin Williams Defense Corporation	Storage magazines used to house fuses and boosters

Name *FBM-4-3*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BG10-16	Razed Building	fuses and boosters	1/1/1942	1/1/1945	Sherwin Williams Defense Corporation	Storage magazines used to house fuses and boosters

Name *PitLagoon-1*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
PL10-1	Pits/Lagoons	unknown	1/1/1951	1/1/1993	IOP	pond observed in aerial photographs

Name *PitLagoon-2*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
PL10-2	Pits/Lagoons	unknown	1/1/1951	1/1/1993	IOP	pond observed in aerial photographs

Crab Orchard Building Summary *Area: 10*

Name *USFWS Firing Range*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
FG10-1	MISC		1/1/1999	10/1/2003	USFWS	Firing Range littered with spent ammunition

Name *Building_30*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-11A_30	Building	Ammonia, metal catalysts	1/1/1964	1/1/1982	CSC/US Powder Design	Ammonia Oxidation House: Ammonia is oxidized to sythesize Nitric acid.
BDG-11A_30	Building	Ammonia, metal catalysts	1/1/1956	1/1/1964	Olin	Ammonia Oxidation House: Ammonia is oxidized to sythesize Nitric acid.

Name *Building_31*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-11A_31	Building		1/1/1964	1/1/1982	CSC/US Powder Design	Cooling Tower & Control: Part of the process of Nitric acid synthesis
BDG-11A_31	Building		1/1/1956	1/1/1964	Olin	Cooling Tower & Control: Part of the process of Nitric acid synthesis

Name *Building_32*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-11A_32	Building		1/1/1964	1/1/1982	CSC/US Powder Design	Acid Office & Shop
BDG-11A_32	Building		1/1/1956	1/1/1964	Olin	Acid Office & Shop

Name *Building_35*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-11A_35	Building	Nitric acid, sulphuric acid	1/1/1956	1/1/1964	Olin	Nitric Acid Concentration: The synthesis of Nitric acid from Ammonia, yields a fairly week solution; therefore sulphuric acid is used in another synthesis to form a more concentrated acid.
BDG-11A_35	Building	Nitric acid, sulphuric acid	1/1/1964	1/1/1982	CSC/US Powder Design	Nitric Acid Concentration: The synthesis of Nitric acid from Ammonia, yields a fairly week solution; therefore sulphuric acid is used in another synthesis to form a more concentrated acid.

Name *Building_35-1*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-11A_35-1	Building		1/1/1964	1/1/1982	CSC/US Powder Design	Switch House Sub No. 1 (New)

Name *Building_35A*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-11A_35A	Building		1/1/1956	1/1/1964	Olin	Switch House Sub No. 1

Name *Building_37*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-11A_37	Building	ammonia	1/1/1964	1/1/1982	CSC/US Powder Design	Ammonia Compressor House
BDG-11A_37	Building	ammonia	1/1/1956	1/1/1964	Olin	Ammonia Compressor House

Name *Building_37-1*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-11A_37-1	Building	ammonia	1/1/1964	1/1/1982	CSC/US Powder Design	Ammonium Nitrate Hortensphere

Name *Building_37A*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-11A_37A	Building	ammonia	1/1/1956	1/1/1964	Olin	Ammonium Nitrate Hortensphere

Name *Building_38*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-11A_38	Building	acid byproducts	1/1/1956	1/1/1964	Olin	Spent Acid House
BDG-11A_38	Building	acid byproducts	1/1/1964	1/1/1982	CSC/US Powder Design	Spent Acid House

Name *Building_40*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-11A_40	Building	Ammonia, Nitric acid	1/1/1956	1/1/1964	Olin	Prill Tower & Wet End: This is the site of Ammonium Nitrate production.
BDG-11A_40	Building	Ammonia, Nitric acid	1/1/1964	1/1/1982	CSC/US Powder Design	Prill Tower & Wet End: This is the site of Ammonium Nitrate production.

Name *Building_40-1*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-11A_40-1	Building	ammonium nitrate	1/1/1964	1/1/1982	CSC/US Powder Design	Ammonium Nitrate Control Building

Name *Building_40A*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-11A_40A	Building	ammonium nitrate	1/1/1956	1/1/1964	Olin	Ammonium Nitrate Control Building

Name *Building_41*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-11A_41	Building	ammonium nitrate	1/1/1956	1/1/1964	Olin	Cooling & Bagging: The Ammonium Nitrate is allowed to cool and is then made ready for storage.
BDG-11A_41	Building	ammonium nitrate	1/1/1964	1/1/1982	CSC/US Powder Design	Cooling & Bagging: The Ammonium Nitrate is allowed to cool and is then made ready for storage.

Name *Building_41-1*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-11A_41-1	Building	ammonium nitrate	1/1/1964	1/1/1982	CSC/US Powder Design	Ammonium Nitrate Recovery Building: The Ammonium Nitrate is separated out from the byproducts of the synthesis.

Name *Building_41-2*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-11A_41-2	Building	ammonium nitrate	1/1/1964	1/1/1982	CSC/US Powder Design	Ammonium Nitrate Truck Dock

Name *Building_41A*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-11A_41A	Building	ammonium nitrate	1/1/1956	1/1/1964	Olin	Ammonium Nitrate Recovery Building: The Ammonium Nitrate is separated out from the byproducts of the synthesis.

Name *Building_41B*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-11A_41B	Building	ammonium nitrate	1/1/1956	1/1/1964	Olin	Ammonium Nitrate Truck Dock/Shipping; Also known as IOP Building II-1-11

Name *Building_42*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-11A_42	Building	ammonium nitrate	1/1/1956	1/1/1964	Olin	Graining Building: The synthesised Ammonium Nitrate is made into spherical grains.
BDG-11A_42	Building	ammonium nitrate	1/1/1964	1/1/1982	CSC/US Powder Design	Graining Building: The synthesised Ammonium Nitrate is made into spherical grains.

Name *Building_43*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-11A_43	Building	ammonium nitrate	1/1/1964	1/1/1982	CSC/US Powder Design	Ammonium Nitrate Laboratory
BDG-11A_43	Building	ammonium nitrate	1/1/1956	1/1/1964	Olin	Ammonium Nitrate Laboratory

Crab Orchard Building Summary *Area: 11A*

Name *Building_44*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-11A_44	Building		1/1/1956	1/1/1964	Olin	Compressor House (steam)
BDG-11A_44	Building		1/1/1964	1/1/1982	CSC/US Powder Design	Compressor House (steam)

Name *Building_45*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-11A_45	Building		1/1/1956	1/1/1964	Olin	Lunch Room
BDG-11A_45	Building		1/1/1964	1/1/1982	CSC/US Powder Design	Lunch Room

Name *Building_46*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-11A_46	Building	ammonium nitrate	1/1/1956	1/1/1964	Olin	Ammonium Nitrate Storage: According to aerial photographs, there were two possible drum storage areas next to this building. Also, the photographs show a possible liquid release north of the building. Previously known as IOP Building II-1-7.
BDG-11A_46	Building	ammonium nitrate	1/1/1964	1/1/1982	CSC/US Powder Design	Ammonium Nitrate Storage: According to aerial photographs, there were two possible drum storage areas next to this building. Also, the photographs show a possible liquid release north of the building.

Name *Building_46-1*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-11A_46-1	Building	nitric acid, ammonia, nitroglycerin	1/1/1964	1/1/1982	CSC/US Powder Design	Ammonium Nitrate Raw Material Storage

Name *Building_46A*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-11A_46A	Building	nitric acid, ammonia, nitroglycerin	1/1/1956	1/1/1964	Olin	Ammonium Nitrate Raw Material Storage / Nitroglycerin Dry House

Name *Building_47*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-11A_47	Building		1/1/1956	1/1/1964	Olin	Chemical Area Maintenance Shop
BDG-11A_47	Building		1/1/1964	1/1/1982	CSC/US Powder Design	Chemical Area Maintenance Shop

Name *Building_50*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-11A_50	Building		1/1/1956	1/1/1964	Olin	Use unknown
BDG-11A_50	Building		1/1/1964	1/1/1982	CSC/US Powder Design	Storage

Name *Building_53*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-11A_53	Building	TNT, Diesel Fuel	1/1/1956	1/1/1964	Olin	Dynoil Mix House: Dynoil is formulated by mixing dynamite and diesel oil.
BDG-11A_53	Building	TNT, Diesel Fuel	1/1/1964	1/1/1982	CSC/US Powder Design	Storage Building

Name *Building_II-1-11*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-11A_II-1-11	Building	Dupont Tetryl ?	1/1/1942	1/1/1945	IOP	Auxiliary Booster Service Magazine

Name *Building_II-1-33*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-11A_II-1-33	Building		1/1/1942	1/1/1945	IOP	Condensate Pump House: Located near the Screening Building.

Name *Building_II-1-7*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-11A_II-1-7	Building	Ammonium Nitrate, TNT, amatol	1/1/1942	1/1/1945	IOP	Screening Building: Connected to the TNT and Ammonium Nitrate Service Buildings. Building contained four screens for TNT and Ammonium Nitrate as well as charging rooms, Ammonium Nitrate pre-heaters, and a press.

Name *Building_II-1-8*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-11A_II-1-8	Building	Ammonium Nitrate	1/1/1942	1/1/1945	IOP	Ammonium Nitrate Service Building: Accepted delivery of Ammonium Nitrate; connected to TNT Service Building and Screening Building.

Name *Building_II-1-9*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-11A_II-1-9	Building	TNT, amatol	1/1/1942	1/1/1945	IOP	TNT Service Building: Accepted delivery of TNT; connected to Ammonium Nitrate Service Building and Screening Building.

Name *Pond_1*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
PL-11A_1	Pits/Lagoons		1/1/1964	1/1/1982	CSC/US Powder Design	Acid Magazine Pond: Identified in the 1960 aerial photograph. The pond was built as part of the acid manufacturing process and received runoff from the production facilities.
PL-11A_1	Pits/Lagoons		1/1/1956	1/1/1964	Olin	Acid Magazine Pond: Identified in the 1960 aerial photograph. The pond was built as part of the acid manufacturing process and received runoff from the production facilities.

Name *Ramp_32-9*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
RP-11A_32-9	Ramp		1/1/1964	1/1/1982	CSC/US Powder Design	Ramp to Ammonium Nitrate Raw Material Storage

Name *Ramp_32R*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
RP-11A_32R	Ramp		1/1/1956	1/1/1964	Olin	Ramp to Ammonium Nitrate Raw Material Storage

Name *Ramp_46-9*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
RP-11A_46-9	Ramp		1/1/1964	1/1/1982	CSC/US Powder Design	Ramp from Ramp 32 to Building II-1-7

Name *Ramp_46R*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
RP-11A_46R	Ramp		1/1/1956	1/1/1964	Olin	Ramp from Ramp 32 to Building II-1-7

Name *Tank_36-D1*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
AST-11A_36-D1	AST	nitric acid (weak)	1/1/1964	1/1/1982	CSC/US Powder Design	Off-site Tank: Aboveground storage tank for weak Nitric Acid
AST-11A_36-D1	Tank	nitric acid (weak)	1/1/1956	1/1/1964	Olin	Off-site Tank

Name *Tank_36-D10*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
AST-11A_36-D10	Tank	Oleum	1/1/1956	1/1/1964	Olin	Off-site Tank
AST-11A_36-D10	AST	Oleum	1/1/1964	1/1/1982	CSC/US Powder Design	Off-site Tank: Aboveground storage tank for Oleum

Name Tank_36-D11

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
AST-11A_36-D11	Tank	Mixed Acid ?	1/1/1956	1/1/1964	Olin	Off-site Tank
AST-11A_36-D11	AST	Mixed Acid ?	1/1/1964	1/1/1982	CSC/US Powder Design	Off-site Tank: Aboveground storage tank for mixed acid; this is probably the acid byproducts from the Nitric acid synthesis (spent acid)

Name Tank_36-D12

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
AST-11A_36-D12	Tank	Mixed Acid ?	1/1/1956	1/1/1964	Olin	Off-site Tank
AST-11A_36-D12	AST	Mixed Acid ?	1/1/1964	1/1/1982	CSC/US Powder Design	Off-site Tank: Aboveground storage tank for mixed acid; this is probably the acid byproducts from the Nitric acid synthesis (spent acid)

Name Tank_36-D13

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
AST-11A_36-D13	Tank	Mixed Acid ?	1/1/1956	1/1/1964	Olin	Off-site Tank
AST-11A_36-D13	AST	Mixed Acid ?	1/1/1964	1/1/1982	CSC/US Powder Design	Off-site Tank: Aboveground storage tank for mixed acid; this is probably the acid byproducts from the Nitric acid synthesis (spent acid)

Name Tank_36-D14

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
AST-11A_36-D14	Tank	Sulphuric acid ?	1/1/1956	1/1/1964	Olin	Off-site Tank
AST-11A_36-D14	AST	Sulphuric acid ?	1/1/1964	1/1/1982	CSC/US Powder Design	Off-site Tank: Aboveground storage tank for Sulphuric acid

Name Tank_36-D15

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
AST-11A_36-D15	AST		1/1/1956	1/1/1982	CSC/US Powder Design	Off-site Tank: Aboveground storage tank with contents unknown.

Name Tank_36-D2

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
AST-11A_36-D2	Tank	nitric acid (weak)	1/1/1956	1/1/1964	Olin	Off-site Tank
AST-11A_36-D2	AST	nitric acid (weak)	1/1/1964	1/1/1982	CSC/US Powder Design	Off-site Tank: Aboveground storage tank for weak Nitric Acid

Name Tank_36-D3

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
AST-11A_36-D3	AST	nitric acid (weak)	1/1/1964	1/1/1982	CSC/US Powder Design	Off-site Tank: Aboveground storage tank for weak Nitric Acid
AST-11A_36-D3	Tank	nitric acid (weak)	1/1/1956	1/1/1964	Olin	Off-site Tank

Name Tank_36-D4

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
AST-11A_36-D4	Tank	nitric acid (weak)	1/1/1956	1/1/1964	Olin	Off-site Tank
AST-11A_36-D4	AST	nitric acid (weak)	1/1/1964	1/1/1982	CSC/US Powder Design	Off-site Tank: Aboveground storage tank for weak Nitric Acid

Name Tank_36-D5

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
AST-11A_36-D5	Tank	nitric acid (weak)	1/1/1956	1/1/1964	Olin	Off-site Tank
AST-11A_36-D5	AST	nitric acid (weak)	1/1/1964	1/1/1982	CSC/US Powder Design	Off-site Tank: Aboveground storage tank for weak Nitric Acid

Crab Orchard Building Summary *Area: 11A*

Name *Tank_36-D6*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
AST-11A_36-D6	Tank	Sulphuric acid (68%)	1/1/1956	1/1/1964	Olin	Off-site Tank
AST-11A_36-D6	AST	Sulphuric acid (68%)	1/1/1964	1/1/1982	CSC/US Powder Design	Off-site Tank: Aboveground storage tank for 68% Sulphuric acid solution

Name *Tank_36-D7*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
AST-11A_36-D7	AST	Sulphuric acid (68%)	1/1/1964	1/1/1982	CSC/US Powder Design	Off-site Tank: Aboveground storage tank for 68% Sulphuric acid solution
AST-11A_36-D7	Tank	Sulphuric acid (68%)	1/1/1956	1/1/1964	Olin	Off-site Tank

Name *Tank_36-D8*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
AST-11A_36-D8	Tank	Sulphuric acid (68%)	1/1/1956	1/1/1964	Olin	Off-site Tank
AST-11A_36-D8	AST	Sulphuric acid (68%)	1/1/1964	1/1/1982	CSC/US Powder Design	Off-site Tank: Aboveground storage tank for 68% Sulphuric acid solution

Name *Tank_36-D9*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
AST-11A_36-D9	Tank	Oleum	1/1/1956	1/1/1964	Olin	Off-site Tank
AST-11A_36-D9	AST	Oleum	1/1/1964	1/1/1982	CSC/US Powder Design	Off-site Tank: Aboveground storage tank for Oleum

Name *AST_1*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
AST7-1	AST					Above Ground Storage Tank located between Building 7A and Building 67-1.

Name *AST_2*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
AST7-2	AST					Above Ground Storage Tank located between Building 7A and Building 67-1.

Name *AST_3*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
AST-11H_3	AST					Above Ground Storage Tank located between Building 7A and Building 67-1.

Name *Building_12*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-11H_12	Building	nitroglycerin, RDX, TNT	1/1/1956	1/1/1964	Olin	Mix House: Used to mix explosive compounds.
BDG-11H_12	Building	nitroglycerin, RDX, TNT	1/1/1964	1/1/1982	CSC/US Powder Design	Mix House No. 2 Fig. 8 Mixer (Gelatin)

Name *Building_12-2*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-11H_12-2	Building		1/1/1964	1/1/1982	CSC/US Powder Design	Storage Building

Name *Building_12-3*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-11H_12-3	Building	Softening Salts	1/1/1964	1/1/1968	CSC/US Powder Design	Water Softener Building: Eliminated excess minerals from water for easier use in chemical processes.

Name *Building_12-5*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-11H_12-5	Building		1/1/1964	1/1/1982	CSC/US Powder Design	Control House

Name *Building_12DS*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-11H_12DS	Building	dinitrotoluene (DNT)	1/1/1956	1/1/1964	Olin	DNT Storage

Name *Building_12E*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-11H_12E	Building		1/1/1956	1/1/1964	Olin	Air Condition House

Name *Building_12M*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-11H_12M	Building		1/1/1956	1/1/1964	Olin	Motor House

Name *Building_12P*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-11H_12P	Building		1/1/1956	1/1/1964	Olin	Pump House

Name *Building_13*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-11H_13	Building	nitroglycerin, RDX, TNT	1/1/1956	1/1/1964	Olin	Hall Pack House: Dry dynamite was tamped into shells.
BDG-11H_13	Building	nitroglycerin, RDX, TNT	1/1/1964	1/1/1982	CSC/US Powder Design	Hall Pack House: Dry dynamite was tamped into shells.

Name *Building_13-5*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-11H_13-5	Building		1/1/1964	1/1/1982	CSC/US Powder Design	Control House

Name *Building_13-7*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-11H_13-7	Building		1/1/1964	1/1/1982	CSC/US Powder Design	Toilet

Name *Building_13E*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-11H_13E	Building		1/1/1956	1/1/1964	Olin	Air Condition House

Name *Building_13T*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-11H_13T	Building		1/1/1956	1/1/1964	Olin	Toilet

Name *Building_14*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-11H_14	Building	nitroglycerin, RDX, TNT	1/1/1956	1/1/1964	Olin	Starrett Pack House: Dry dynamite was tamped into shells.
BDG-11H_14	Building	nitroglycerin, RDX, TNT	1/1/1964	1/1/1982	CSC/US Powder Design	LL Pack House: Dry dynamite was tamped into shells.

Name *Building_14-5*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-11H_14-5	Building		1/1/1964	1/1/1982	CSC/US Powder Design	Control House

Name *Building_14-6*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-11H_14-6	Building		1/1/1964	1/1/1982	CSC/US Powder Design	Storage Building

Name *Building_14E*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-11H_14E	Building		1/1/1956	1/1/1964	Olin	Air Condition House

Name *Building_14M*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-11H_14M	Building		1/1/1956	1/1/1964	Olin	Motor House

Name *Building_15*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-11H_15	Building	nitroglycerin, RDX, TNT	1/1/1964	1/1/1982	CSC/US Powder Design	Cil-Vibra Pack House: Cil-Vibra
BDG-11H_15	Building	nitroglycerin, RDX, TNT	1/1/1956	1/1/1964	Olin	Cil-Vibra Pack House: Cil-Vibra

Name *Building_15-2*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-11H_15-2	Building		1/1/1964	1/1/1968	CSC/US Powder Design	Storage Building

Name *Building_15-5*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-11H_15-5	Building		1/1/1964	1/1/1982	CSC/US Powder Design	Control House

Name *Building_15-7*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-11H_15-7	Building		1/1/1964	1/1/1982	CSC/US Powder Design	Toilet

Name *Building_15E*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-11H_15E	Building		1/1/1956	1/1/1964	Olin	Air Condition House

Name *Building_15M*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-11H_15M	Building		1/1/1956	1/1/1964	Olin	Motor House

Name *Building_15T*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-11H_15T	Building		1/1/1956	1/1/1964	Olin	Toilet

Name *Building_16*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-11H_16	Building	nitroglycerin, nitrocellulose, TNT	1/1/1956	1/1/1964	Olin	Gel Cartridge Pack House: Gel was extruded into cartridges and sealed.
BDG-11H_16	Building	nitroglycerin, nitrocellulose, TNT	1/1/1964	1/1/1982	CSC/US Powder Design	Gel Cartridge Pack House: Gel was extruded into cartridges and sealed.

Name *Building_16-2*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-11H_16-2	Building		1/1/1964	1/1/1968	CSC/US Powder Design	Storage Building

Name *Building_16-5*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-11H_16-5	Building		1/1/1964	1/1/1982	CSC/US Powder Design	Control House

Name *Building_16E*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-11H_16E	Building		1/1/1956	1/1/1964	Olin	Air Condition House

Name *Building_17*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-11H_17	Building	nitrocellulose	1/1/1956	1/1/1964	Olin	Talley Mix House: Used to mix explosive compounds.
BDG-11H_17	Building	nitrocellulose	1/1/1964	1/1/1982	CSC/US Powder Design	Talley Mix House: Used to mix explosive compounds.

Name *Building_17-5*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-11H_17-5	Building		1/1/1964	1/1/1982	CSC/US Powder Design	Control House

Name *Building_17E*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-11H_17E	Building		1/1/1956	1/1/1964	Olin	Air Condition House

Name *Building_18*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-11H_18	Building	MXU 4/A (and chemicals associated with its formulation), TNT, and PETN	1/1/1956	1/1/1964	Olin	Pack House / MXU 4A Mix House: Labeled as a pack hose, but identified as a mix house for a type of smokeless powder-filled starter cartridges for jet engines. Building contained a 50-gallon mixer used for slurry explosive production.
BDG-11H_18	Building	MXU 4/A (and chemicals associated with its formulation), TNT, and PETN	1/1/1964	1/1/1982	CSC/US Powder Design	Powder Stripping House

Name *Building_18-5*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-11H_18-5	Building		1/1/1964	1/1/1982	CSC/US Powder Design	Control House

Name *Building_18-7*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-11H_18-7	Building		1/1/1964	1/1/1982	CSC/US Powder Design	Toilet

Name *Building_18E*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-11H_18E	Building		1/1/1956	1/1/1964	Olin	Air Condition House / Control House

Name *Building_18T*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-11H_18T	Building		1/1/1956	1/1/1964	Olin	Toilet

Name *Building_19*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-11H_19	Building	dynamite	1/1/1956	1/1/1964	Olin	Shell House: Used for manufacturing dynamite cartridges.
BDG-11H_19	Building	dynamite	1/1/1964	1/1/1982	CSC/US Powder Design	Shell House: Used for manufacturing dynamite cartridges.

Name *Building_19-8*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-11H_19-8	Building		1/1/1964	1/1/1982	CSC/US Powder Design	Wax House: Used for spraying empty convolute and spiral wound shells.

Name *Building_19W*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-11H_19W	Building		1/1/1956	1/1/1964	Olin	Wax House: Used for spraying empty convolute and spiral wound shells.

Name *Building_20*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-11H_20	Building	nitroglycerin, RDX, TNT	1/1/1964	1/1/1982	CSC/US Powder Design	Case House #1: Explosives were sealed in wax.
BDG-11H_20	Building	nitroglycerin, RDX, TNT	1/1/1956	1/1/1964	Olin	Case House #1 with 8 inch waxers: Explosives were sealed in wax.

Name *Building_20-5*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-11H_20-5	Building		1/1/1964	1/1/1982	CSC/US Powder Design	Electrical Control House

Name *Building_20-8*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-11H_20-8	Building		1/1/1964	1/1/1982	CSC/US Powder Design	Wax House: Used for wax storage.

Name *Building_20E*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-11H_20E	Building		1/1/1956	1/1/1964	Olin	Electrical Control House

Name *Building_20W*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-11H_20W	Building		1/1/1956	1/1/1964	Olin	Wax House: Used for wax storage.

Name *Building_21*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-11H_21	Building	Ammonium Nitrate and Dynamite explosives	1/1/1956	1/1/1964	Olin	Case House #2 with large waxers and 24 inch waxers: Explosives were sealed in wax.
BDG-11H_21	Building	Ammonium Nitrate and Dynamite explosives	1/1/1964	1/1/1982	CSC/US Powder Design	Superprime & Slurry: Superprime and slurry operation. Superprime is an Ammonium Nitrate Dynamite explosive.

Name *Building_21-5*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-11H_21-5	Building		1/1/1964	1/1/1982	CSC/US Powder Design	Electrical Control House

Name *Building_21-8*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-11H_21-8	Building		1/1/1964	1/1/1982	CSC/US Powder Design	Wax House: Used for wax storage.

Name *Building_21E*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-11H_21E	Building		1/1/1956	1/1/1964	Olin	Electrical Control House

Name *Building_21W*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-11H_21W	Building		1/1/1956	1/1/1964	Olin	Wax House: Used for wax storage.

Name *Building_22*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-11H_22	Building	Torpex, RDX, TNT, Aluminum powder, nitroglycerin	1/1/1956	1/1/1964	Olin	Case House #3 with small waxers: During Olin, the building was used to case the dynamite shells with wax.
BDG-11H_22	Building	Torpex, RDX, TNT, Aluminum powder, nitroglycerin	1/1/1964	1/1/1982	CSC/US Powder Design	Torpex Operation & Storage Building: Used to manufacture the explosive Torpex.

Name *Building_22-5*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-11H_22-5	Building		1/1/1964	1/1/1982	CSC/US Powder Design	Electrical Control House

Name *Building_22-8*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-11H_22-8	Building		1/1/1964	1/1/1982	CSC/US Powder Design	Wax House: Used for wax storage.

Name *Building_22E*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-11H_22E	Building		1/1/1956	1/1/1964	Olin	Electrical Control House

Name *Building_22W*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-11H_22W	Building		1/1/1956	1/1/1964	Olin	Wax House: Used for wax storage.

Name *Building_23*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-11H_23	Building	ANOIL, Ammonium Nitrate, nitrocellulose, diesel fuel	1/1/1956	1/1/1964	Olin	ANOIL Manufacturing Building: ANOIL is a mixture of Ammonium Nitrate, ground nitrocellulose, and diesel fuel. The 1965 aerial photograph showed ground discoloration, appearing to have been the result of liquid flows.
BDG-11H_23	Building	ANOIL, Ammonium Nitrate, nitrocellulose, diesel fuel	1/1/1964	1/1/1982	CSC/US Powder Design	ANOIL Manufacturing Building: ANOIL is a mixture of Ammonium Nitrate, ground nitrocellulose, and diesel fuel. The 1965 aerial photograph showed ground discoloration, appearing to have been the result of liquid flows.

Name *Building_23-5*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-11H_23-5	Building		1/1/1964	1/1/1968	CSC/US Powder Design	Control House

Name *Building_23A*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-11H_23A	Building		1/1/1956	1/1/1964	Olin	Heated House - ANOIL Mix Building: Was the former heated house and was removed from the site. The 1965 aerial photograph showed ground discoloration, appearing to have been the result of liquid flows.

Name *Building_24*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-11H_24	Building		1/1/1956	1/1/1964	Olin	Dynamite Maintenance Shop / R&D Laboratory
BDG-11H_24	Building		1/1/1964	1/1/1982	CSC/US Powder Design	R&D Laboratory

Name *Building_24-1*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-11H_24-1	Building		1/1/1964	1/1/1982	CSC/US Powder Design	Dynamite Maintenance Shop

Name *Building_24-3*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-11H_24-3	Building	nitroglycerin, RDX, TNT	1/1/1964	1/1/1982	CSC/US Powder Design	Dynamite Parts Cleaning

Name *Building_24A*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-11H_24A	Building		1/1/1956	1/1/1964	Olin	Dynamite Maintenance Shop

Name *Building_24C*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-11H_24C	Building	nitroglycerin, RDX, TNT	1/1/1956	1/1/1964	Olin	Dynamite Parts Cleaning

Crab Orchard Building Summary *Area: 11H*

Name *Building_25*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-11H_25	Building	TNT, nitrocellulose, nitroglycerin	1/1/1956	1/1/1964	Olin	Nitrocellulose / TNT Screening House
BDG-11H_25	Building	TNT, nitrocellulose, nitroglycerin	1/1/1964	1/1/1982	CSC/US Powder Design	Nitrocellulose / TNT Screening House

Name *Building_26*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-11H_26	Building		1/1/1956	1/1/1964	Olin	Box Assembly House
BDG-11H_26	Building		1/1/1964	1/1/1982	CSC/US Powder Design	Box Assembly House

Name *Building_27*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-11H_27	Building		1/1/1964	1/1/1982	CSC/US Powder Design	Tractor House
BDG-11H_27	Building		1/1/1956	1/1/1964	Olin	Tractor House

Name *Building_29*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-11H_29	Building		1/1/1964	1/1/1968	CSC/US Powder Design	Loading Dock

Name *Building_29-1*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-11H_29-1	Building		1/1/1964	1/1/1968	CSC/US Powder Design	Storage Building

Name *Building_67*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-11H_67	Building		1/1/1964	1/1/1982	CSC/US Powder Design	Inert Stores No. 1
BDG-11H_67	Building		1/1/1956	1/1/1964	Olin	Inert Stores No. 1

Name *Building_67-1*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-11H_67-1	Building		1/1/1964	1/1/1982	CSC/US Powder Design	Apricot Pit Storage: Three aboveground storage tanks were located between this area and the Track Shed.

Name *Building_67-2*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-11H_67-2	Building	sulfur	1/1/1964	1/1/1982	CSC/US Powder Design	Bag Sulfur Storage

Name *Building_67-3*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-11H_67-3	Building	Ammonium Nitrate	1/1/1964	1/1/1968	CSC/US Powder Design	Bulk Ammonium Nitrate Loading

Name *Building_67A*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-11H_67A	Building		1/1/1956	1/1/1964	Olin	Apricot Pit Storage: Three aboveground storage tanks were located between this area and the Track Shed.

Name *Building_67B*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-11H_67B	Building	sulfur	1/1/1956	1/1/1964	Olin	Bag Sulfur Storage

Name *Building_69*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-11H_69	Building		1/1/1956	1/1/1964	Olin	Warehouse, Change House, R&D
BDG-11H_69	Building		1/1/1964	1/1/1982	CSC/US Powder Design	R&D Office and Lab

Name *Building_7*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-11H_7	Building	Ground apricot pits, sulfur, sodium nitrate	1/1/1956	1/1/1964	Olin	Dope House: The dope used to manufacture nitroglycerin dynamite was mixed here.
BDG-11H_7	Building	Ground apricot pits, sulfur, sodium nitrate	1/1/1964	1/1/1982	CSC/US Powder Design	Dope House: The dope used to manufacture nitroglycerin dynamite was mixed here.

Name *Building_7-1*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-11H_7-1	Building		1/1/1964	1/1/1982	CSC/US Powder Design	Track Shed: Three aboveground storage tanks were located between this building and the apricot pit storage area.

Name *Building_7-5*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-11H_7-5	Building		1/1/1964	1/1/1982	CSC/US Powder Design	Control House

Name *Building_7A*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-11H_7A	Building		1/1/1956	1/1/1964	Olin	Track Shed: Three aboveground storage tanks were located between this building and the apricot pit storage area.

Name *Building_7E*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-11H_7E	Building		1/1/1956	1/1/1964	Olin	Control House

Name *Building_8*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-11H_8	Building		1/1/1956	1/1/1964	Olin	Dynamite office, first aid office, and change house
BDG-11H_8	Building		1/1/1964	1/1/1982	CSC/US Powder Design	Office and First Aid

Name *Building_II-1-25*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-11H_II-1-25	Building		1/1/1946	1/1/1956	IOP	Change House: Used for workers to shower and change clothes. It also had locker and lunchroom facilities.

Name *Building_II-1-26*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-11H_II-1-26	Building		1/1/1946	1/1/1956	IOP	Change House: Used for workers to shower and change clothes. It also had locker and lunchroom facilities.

Name *Building_II-1-27*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-11H_II-1-27	Building		1/1/1946	1/1/1956	IOP	Timekeeper's Building: Contained office space, utility rooms, and time clock rooms.

Name *Building_II-1-6*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-11H_II-1-6	Building	TNT, Ammonium Nitrate	1/1/1946	1/1/1956	IOP	Melt Load Building: Used for melting explosives and filling shells. TNT and Ammonium Nitrate were heated and mixed in kettles. There are settling tanks an an evaporating basin near by; these were used as part of wash room facility of the building.

Name *Settling_Tanks*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
ST-11H_1	Pits/Lagoons					Settling Tanks

Name *West Holding Pond*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
HP-11H_1	Pits/Lagoons		1/1/1956	1/1/1964	Olin	Received drainage from the high explosives area, Area 11H.

Name *AST_1*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
AST7-1	AST					Vertical above ground storage tank located south of Building 9A.

Name *AST_2*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
AST7-2	AST					Vertical above ground storage tank located south of Building 9A.

Name *AST_3*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
AST-11H_3	AST					One of three possibly lead lined above ground storage tanks that may have been used to store spend acid.

Name *AST_4*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
AST-11N_4	AST					One of three possibly lead lined above ground storage tanks that may have been used to store spend acid.

Name *AST_5*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
AST-11N_5	AST					One of three possibly lead lined above ground storage tanks that may have been used to store spend acid.

Name *Building_10*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-11N_10	Building	Nitroglycerin	1/1/1956	1/1/1964	Olin	Nitroglycerin Storage: The 1980 aerial photograph indicates that two burning trenches were located on the site of the building after it was destroyed.
BDG-11N_10	Building	Nitroglycerin	1/1/1964	1/1/1982	CSC/US Powder Design	Nitroglycerin Storage: The 1980 aerial photograph indicates that two burning trenches were located on the site of the building after it was destroyed.

Name *Building_10-5*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-11N_10-5	Building		1/1/1964	1/1/1982	CSC/US Powder Design	Control House

Name *Building_10A*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-11N_10A	Building	Sulphuric acid	1/1/1957	1/1/1964	Olin	Catch Tank: Used if mixture overheated during the nitrating process. The nitrator would be emptied quickly into a drowning tank of sulphuric acid.

Name *Building_10B*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-11N_10B	Building		1/1/1956	1/1/1964	Olin	Control House

Name *Building_9*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-11N_9	Building	Nitric Acid, Sulphuric Acid, Glycerin, Ethylene Glycol, Nitroglycerin, acid (spent) byproducts	1/1/1956	1/1/1964	Olin	Nitrator: The Biazzi process was used for manufacturing nitroglycerin.
BDG-11N_9	Building	Nitric Acid, Sulphuric Acid, Glycerin, Ethylene Glycol, Nitroglycerin, acid (spent) byproducts	1/1/1964	1/1/1982	CSC/US Powder Design	Nitrator: The Biazzi process was used for manufacturing nitroglycerin.

Name *Building_9-1*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-11N_9-1	Building	acid byproducts	1/1/1964	1/1/1982	CSC/US Powder Design	Spent Acid House: Two vertical aboveground storage tanks were identified in a 1960 aerial photograph. The tanks were probably lead-lines, and may have been used to hold the spent acid for recycling at a later time.

Name *Building_9-2*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-11N_9-2	Building	Sodium Carbonate	1/1/1964	1/1/1982	CSC/US Powder Design	Soda House: Nitroglycerin was washed with soda ash (sodium carbonate). There is a possibility the soda ash was stored in two horizontal aboveground storage tanks.

Name *Building_9-3*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-11N_9-3	Building	softening salts	1/1/1964	1/1/1969	CSC/US Powder Design	Water Softener Building: Eliminated excess minerals from water for easier use in chemical processes.

Name *Building_9-5*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-11N_9-5	Building		1/1/1964	1/1/1982	CSC/US Powder Design	Control House

Name *Building_9A*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-11N_9A	Building	acid byproducts	1/1/1956	1/1/1964	Olin	Spent Acid House: Two vertical aboveground storage tanks were identified in a 1960 aerial photograph. The tanks were probably lead-lines, and may have been used to hold the spent acid for recycling at a later time.

Name *Building_9B*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-11N_9B	Building	Sodium Carbonate	1/1/1956	1/1/1964	Olin	Soda House: Nitroglycerin was washed with soda ash (sodium carbonate). There is a possibility the soda ash was stored in two horizontal aboveground storage tanks.

Name *Building_9E*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-11N_9E	Building		1/1/1956	1/1/1964	Olin	Control House

Name *East_Holding_Pond*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
PL_11N-1	Pits/Lagoons	ammonium nitrate, sodium nitrate, nitroglycerin	1/1/1956	1/1/1964	Olin	The East Holding Pond was the destination for drainage from the Nitroglycerin Area N, otherwise known as Area 11N.

Name *Probable_Burning_Trenches*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BT_11N_1	MISC					The 1980 aerial photograph identified eight possible burning trenches located in the area. Six of them are south of the two which are located near the Nitroglycerin Storage.

Name *Building_48*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-11P_48	Building		1/1/1956	1/1/1964	Olin	Ammonium Nitrate Warehouse, Shipping / Jet Starter Cartridge Assembly
BDG-11P_48	Building		1/1/1964	1/1/1982	CSC/US Powder Design	Storage Building

Name *Building_48-1*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-11P_48-1	Building		1/1/1964	1/1/1971	CSC/US Powder Design	Storage Building

Name *Building_48-5*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-11P_48-5	Building		1/1/1964	1/1/1971	CSC/US Powder Design	Electric Control House

Name *Building_49*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-11P_49	Building	Lead azide	1/1/1964	1/1/1971	CSC/US Powder Design	Big Inch Cap Assembly Line

Name *Building_49-1*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-11P_49-1	Building	Lead azide, RDX, lead styphnate	1/1/1964	1/1/1971	CSC/US Powder Design	Big Inch Screening House

Name *Building_49-5*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-11P_49-5	Building		1/1/1964	1/1/1971	CSC/US Powder Design	Electric Control House

Name *Building_85*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-11P_85	Building		1/1/1964	1/1/1971	CSC/US Powder Design	Storage Building

Name *Building_85-1*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-11P_85-1	Building	Lead azide, RDX, lead styphnate	1/1/1964	1/1/1971	CSC/US Powder Design	Dryer Building

Name *Building_85-2*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-11P_85-2	Building		1/1/1964	1/1/1971	CSC/US Powder Design	Compressor Building

Name *Building_85-3*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-11P_85-3	Building		1/1/1964	1/1/1971	CSC/US Powder Design	Storage Building

Name *Building_85-4*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-11P_85-4	Building		1/1/1964	1/1/1971	CSC/US Powder Design	Storage Building

Name *Building_85-5*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-11P_85-5	Building		1/1/1964	1/1/1971	CSC/US Powder Design	Electric Control House

Name *Building_86*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-11P_86	Building	Lead azide, RDX, lead styphnate	1/1/1964	1/1/1971	CSC/US Powder Design	Ingredient Storage for Big Inch Cap Line

Name *Building_87*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-11P_87	Building	Nitroglycerin	1/1/1964	1/1/1971	CSC/US Powder Design	Big Inch Cap Testing / Storage Building

Name *Building_88*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-11P_88	Building		1/1/1964	1/1/1971	CSC/US Powder Design	Storage Building

Name *Building_II-1-12*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-11P_II-1-12	Building		1/1/1942	1/1/1945	IOP	Cooling Building: Used for cooling filled shells. The shells might have been topped off with TNT or amatol as well.

Name *Building_II-1-15*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-11P_II-1-15	Building	TNT	1/1/1946	1/1/1956	IOP	TNT Screening Building: Contained one screening machine.
BDG-11P_II-1-15	Building	TNT	1/1/1956	1/1/1964	Olin	TNT Screening Building: Contained one screening machine.

Name *Building_II-1-16*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-11P_II-1-16	Building	TNT	1/1/1946	1/1/1956	IOP	TNT Service Magazine: Accepted delivery of TNT and stored until screening. Destroyed by massive explosion which came as a result of testing experimental explosive devices.

Name *Building_II-1-17*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-11P_II-1-17	Building	Ammonium nitrate, synthetic rubber, carbon black, ammonium oxalate, ammonium perchlorate, magnesium, aluminum, nitrocellulose, dioctyl phthalate, hexane, nitroglycerin, ball powder	1/1/1946	1/1/1956	IOP	Drilling & Boostering Building / Pilot Propellant Plant: During IOP, building was used to to drill out the shells or bombs and insert the boosters. Aftering painting, shells were cleaned and painted, then loaded on trucks. During Olin, the building was used to manufacture gas generators, propellants, and jet starter cartridges.
BDG-11P_II-1-17	Building	Ammonium nitrate, synthetic rubber, carbon black, ammonium oxalate, ammonium perchlorate, magnesium, aluminum, nitrocellulose, dioctyl phthalate, hexane, nitroglycerin, ball powder	1/1/1956	1/1/1964	Olin	Pilot Propellant Plant: Used to manufacture gas generators, propellants, and jet starter cartridges.

Name *Building_II-1-18*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-11P_II-1-18	Building		1/1/1956	1/1/1964	Olin	Grain Curing Building
BDG-11P_II-1-18	Building		1/1/1946	1/1/1956	IOP	Vacuum Pump House

Name *Building_II-1-19*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-11P_II-1-19	Building		1/1/1946	1/1/1956	IOP	Vacuum Pump House
BDG-11P_II-1-19	Building		1/1/1956	1/1/1964	Olin	Grain Curing Building

Name *Building_II-1-20*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-11P_II-1-20	Building		1/1/1946	1/1/1956	IOP	Vacuum Pump House
BDG-11P_II-1-20	Building		1/1/1956	1/1/1964	Olin	Grain Curing Building

Name *Building_II-1-21*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-11P_II-1-21	Building	Nitroglycerin	1/1/1946	1/1/1956	IOP	Vacuum Pump House
BDG-11P_II-1-21	Building	Nitroglycerin	1/1/1956	1/1/1964	Olin	Nitroglycerin Storage

Name *Building_II-1-22*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-11P_II-1-22	Building		1/1/1946	1/1/1956	IOP	Booster Service Magazime

Name *Building_II-1-30*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-11P_II-1-30	Building		1/1/1946	1/1/1956	IOP	Guard House

Name *Building_II-1-34*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-11P_II-1-34	Building		1/1/1942	1/1/1945	IOP	Condensate Pump House

Name *Building_II-1-35*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-11P_II-1-35	Building		1/1/1956	1/1/1964	Olin	Maintenance Shop and Stores
BDG-11P_II-1-35	Building		1/1/1946	1/1/1956	IOP	Booster Service Magazine

Name *Building_55*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-11S_55	Building	solvents, oils	1/1/1964	1/1/1982	CSC/US Powder Design	Carpenter & Machine Shop
BDG-11S_55	Building	solvents, oils	1/1/1956	1/1/1964	Olin	Carpenter & Machine Shop

Name *Building_55-1*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-11S_55-1	Building		1/1/1964	1/1/1982	CSC/US Powder Design	Steam Regulator Station

Name *Building_55A*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-11S_55A	Building		1/1/1956	1/1/1964	Olin	Steam Regulator Station

Name *Building_56*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-11S_56	Building	ammonium nitrate	1/1/1964	1/1/1982	CSC/US Powder Design	Garage (Washroom & Office): Cast MC1 generators and made ammonium nitrate mixtures for gas generators and solid propellant mixtures.
BDG-11S_56	Building	ammonium nitrate	1/1/1956	1/1/1964	Olin	Garage (Washroom & Office): Cast MC1 generators and made ammonium nitrate mixtures for gas generators and solid propellant mixtures.

Name *Building_57*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-11S_57	Building		1/1/1964	1/1/1982	CSC/US Powder Design	Welding Shop
BDG-11S_57	Building		1/1/1956	1/1/1964	Olin	Welding Shop

Name *Building_58*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-11S_58	Building		1/1/1956	1/1/1964	Olin	Salvage yard
BDG-11S_58	Building		1/1/1964	1/1/1982	CSC/US Powder Design	Salvage yard

Name *Building_60*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-11S_60	Building		1/1/1956	1/1/1964	Olin	Boiler House: On the southwest side, were four underground storage tanks.
BDG-11S_60	Building		1/1/1964	1/1/1982	CSC/US Powder Design	Boiler House: On the southwest side, were four underground storage tanks.

Name *Building_60-1*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-11S_60-1	Building		1/1/1964	1/1/1982	CSC/US Powder Design	Boiler House Shop

Name *Building_60A*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-11S_60A	Building		1/1/1956	1/1/1964	Olin	Boiler House Shop

Name *Building_65*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-11S_65	Building		1/1/1964	1/1/1982	CSC/US Powder Design	General Stores
BDG-11S_65	Building		1/1/1956	1/1/1964	Olin	General Stores

Name *Building_65-1*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-11S_65-1	Building		1/1/1964	1/1/1982	CSC/US Powder Design	Track Scale

Name *Building_66*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-11S_66	Building		1/1/1956	1/1/1964	Olin	Inert Stores No. 1
BDG-11S_66	Building		1/1/1964	1/1/1982	CSC/US Powder Design	Inert Stores No. 1: Added a new loading dock to the building.

Name *Building_68*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-11S_68	Building		1/1/1956	1/1/1964	Olin	Oil Stores
BDG-11S_68	Building		1/1/1964	1/1/1982	CSC/US Powder Design	Oil Stores

Name *Building_75*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-11S_75	Building		1/1/1956	1/1/1964	Olin	Administration Building
BDG-11S_75	Building		1/1/1964	1/1/1982	CSC/US Powder Design	Administration Building:

Name *Building_75-1*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-11S_75-1	Building		1/1/1964	1/1/1982	CSC/US Powder Design	Guard House

Name *Building_75A*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-11S_75A	Building		1/1/1956	1/1/1964	Olin	Guard House / Possible lab

Name *Building_80*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-11S_80	Building		1/1/1956	1/1/1964	Olin	Laboratory
BDG-11S_80	Building		1/1/1964	1/1/1982	CSC/US Powder Design	Quality Control Laboratory

Name *Building_80A*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-11S_80A	Building		1/1/1956	1/1/1964	Olin	Laboratory Storage

Name *Building_81*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-11S_81	Building		1/1/1964	1/1/1982	CSC/US Powder Design	Laboratory Storage

Name *Building_82*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-11S_82	Building		1/1/1964	1/1/1982	CSC/US Powder Design	Component Magazine

Crab Orchard Building Summary *Area: 11S*

Name *Building_II-1-1*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-11S_II-1-1	Building		1/1/1956	1/1/1986	Olin	Inert Storage Building: Empty shells were delivered by rail and stored.
BDG-11S_II-1-1	Building		1/1/1948	1/1/1956	Hoosier Cardinal Corporation	Manufactured and finished decorative equipment for stoves, refrigerators, and automobiles.
BDG-11S_II-1-1	Building		1/1/1946	1/1/1948	Silas Mason	Warehouse
BDG-11S_II-1-1	Building		1/1/1946	1/1/1956	IOP	Inert Storage Building: Empty shells were delivered by rail and stored.

Name *Building_II-1-2*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-11S_II-1-2	Building		1/1/1946	1/1/1956	IOP	Receiving and Storage Building: Empty shells were delivered by rail and stored.
BDG-11S_II-1-2	Building		1/1/1956	1/1/1984	Olin	Receiving and Storage Building: Empty shells were delivered by rail and stored.
BDG-11S_II-1-2	Building		1/1/1946	1/1/1948	Silas Mason	Warehouse
BDG-11S_II-1-2	Building		1/1/1948	1/1/1956	Hoosier Cardinal Corporation	Manufactured and finished decorative equipment for stoves, refrigerators, and automobiles.

Name *Building_II-1-23*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-11S_II-1-23	Building		1/1/1946	1/1/1956	IOP	Boiler House: On the southwest side, were four underground storage tanks.

Name *Building_II-1-24*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-11S_II-1-24	Building		1/1/1946	1/1/1956	IOP	Change House: Used for workers to shower and change clothes. It also had locker and lunchroom facilities.
BDG-11S_II-1-24	Building		1/1/1948	1/1/1956	Hoosier Cardinal Corporation	Manufactured and finished decorative equipment for stoves, refrigerators, and automobiles.

Name *Building_II-1-28*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-11S_II-1-28	Building		1/1/1948	1/1/1956	Hoosier Cardinal Corporation	Manufactured and finished decorative equipment for stoves, refrigerators, and automobiles.
BDG-11S_II-1-28	Building		1/1/1946	1/1/1956	IOP	Timekeeper's Building: Contained office space, utility rooms, and time clock rooms. Also used as a laboratory.

Name *Building_II-1-29*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-11S_II-1-29	Building		1/1/1946	1/1/1956	IOP	Guard House

Name *Building_II-1-3*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-11S_II-1-3	Building		1/1/1946	1/1/1956	IOP	Cleaning & Painting Building: Connected by a ramp to the Receiving and Storage Building. Here shells and casings were cleaned and painted. The 1951 aerial photograph showed evidence of a liquid release in two drainage ditches on the north side of the building.
BDG-11S_II-1-3	Building		1/1/1948	1/1/1956	Hoosier Cardinal Corporation	Manufactured and finished decorative equipment for stoves, refrigerators, and automobiles.

Name *Building_II-1-31*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-11S_II-1-31	Building		1/1/1946	1/1/1956	IOP	Pump House

Name *Building_II-1-32*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-11S_II-1-32	Building		1/1/1946	1/1/1956	IOP	Pump House

Name *Building_II-1-4*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-11S_II-1-4	Building		1/1/1946	1/1/1956	IOP	Paint Shield Cleaing Building: It has not been determined how the waste from the Cleaning and Painting Building was removed; therefore it is assumed it was done here.
BDG-11S_II-1-4	Building		1/1/1948	1/1/1956	Hoosier Cardinal Corporation	Manufactured and finished decorative equipment for stoves, refrigerators, and automobiles.

Name *Building_II-1-5*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-11S_II-1-5	Building		1/1/1948	1/1/1956	Hoosier Cardinal Corporation	Manufactured and finished decorative equipment for stoves, refrigerators, and automobiles.
BDG-11S_II-1-5	Building		1/1/1946	1/1/1956	IOP	Paint Service Building: Used for paint storage, inspection, packing, and shipping.

Name *Lot_77*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
LT-11S_77	Lot		1/1/1964	1/1/1982	CSC/US Powder Design	Employee Parking: Aerial photograph indicates a drum storage area on the eastern edge of the lot.

Name *Lot_77-1*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
LT-11S_77-1	Lot		1/1/1964	1/1/1982	CSC/US Powder Design	Visitor Parking

Name *Lot_77-2*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
LT-11S_77-2	Lot		1/1/1964	1/1/1982	CSC/US Powder Design	Vehicle Parking

Name *Tank_60*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
UST-11S_60	UST		1/1/1956	1/1/1964	Olin	Underground Storage Tanks: Four underground tanks associated with the Boiler House.
UST-11S_60	UST		1/1/1964	1/1/1982	CSC/US Powder Design	Underground Storage Tanks: Four underground tanks associated with the Boiler House.

Name *Building 28*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-12-28	Razed Building		1/1/1956	3/1/1964	Olin	Known as the Burning House
BDG-12-28	Razed Building		1/1/1956	3/1/1964	CSC	Known as the Burning House

Name *Building ANP-1-10*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-12 ANP-1-10	Razed Building		1/1/1956	3/1/1964	Olin	A change house containing locker rooms and a lunch room
BDG-12 ANP-1-10	Razed Building		8/1/1942	5/1/1943	Sherwin Williams Defense Corporation	A change house containing locker rooms and a lunch room
BDG-12 ANP-1-10	Razed Building		11/14/1946	1/1/1950	Silas Mason	A change house containing locker rooms and a lunch room

Name *Building_71*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-12_71	Razed Building				Olin	Paper stores
BDG-12_71	Razed Building				CSC	Warehouse & Paper stores

Name *Building_76*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-12_76	Razed Building	coal, fuel oil	3/1/1964	1/1/1974	Commercial Solvents Corporation	Known as the RDX separation building.

Name *Building_76-1*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-12_76-1	Razed Building		3/1/1964	1/1/1974	Commercial Solvents Corporation	Dryer Building

Name *Building_76-2*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-12_76-2	Razed Building		3/1/1964	1/1/1974	Commercial Solvents Corporation	RDX Mixer Building

Name *Building_76-3*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-12_76-3	Razed Building		3/1/1964	1/1/1974	Commercial Solvents Corporation	RDX Dryer Building

Name *Building_76-5*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-12_76-5	Razed Building		3/1/1964	1/1/1974	Commercial Solvents Corporation	Electrical Control House

Name *Building_80D*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-12_80D	Razed Building				Olin	Cap Magazine

Name *Building_80E*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-12_80E	Razed Building				Olin	Shooting House

Name *Building_83*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-12_83	Razed Building				CSC	Unnamed

Name *Building_84*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-12_84	Razed Building				CSC	Shooting House

Name *Building_ANP-1-1*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-12_ANP-1-1	Razed Building	ammonia gas, nitric acid	8/1/1942	5/1/1943	Sherwin Williams Defense Corporation	Contained 8 kettles used for stirring a solution of ammonia gas and nitric acid.
BDG-12_ANP-1-1	Razed Building	ammonia gas, nitric acid	1/1/1956	3/1/1964	Olin	Contained 8 kettles used for stirring a solution of ammonia gas and nitric acid. Razed by Olin in 1960.
BDG-12_ANP-1-1	Razed Building	ammonia gas, nitric acid	11/14/1946	1/1/1950	Silas Mason	Contained 8 kettles used for stirring a solution of ammonia gas and nitric acid.

Name *Building_ANP-1-11*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-12_ANP-1-11	Razed Building		11/14/1946	1/1/1950	Silas Mason	Office
BDG-12_ANP-1-11	Razed Building		8/1/1942	5/1/1943	Sherwin Williams Defense Corporation	A timekeeper building containing a guard room, office space, utility room and time clocks.

Name *Building_ANP-1-12*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-12_ANP-1-12	Razed Building		1/1/1956	3/1/1964	Olin	A guard house: unsure if building was present during tenure
BDG-12_ANP-1-12	Razed Building		11/14/1946	1/1/1950	Silas Mason	A guard house
BDG-12_ANP-1-12	Razed Building		8/1/1942	5/1/1943	Sherwin Williams Defense Corporation	A guard house

Name *Building_ANP-1-13*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-12_ANP-1-13	Razed Building		11/14/1946	1/1/1950	Silas Mason	A clock house.
BDG-12_ANP-1-13	Razed Building		1/1/1956	3/1/1964	Olin	A clock house.

Name *Building_ANP-1-14*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-12_ANP-1-14	Razed Building	unknown	1/1/1956	3/1/1964	Olin	A 19,200 gallon P.R.P. storage tank.
BDG-12_ANP-1-14	Razed Building	unknown	11/14/1946	1/1/1950	Silas Mason	A 19,200 gallon P.R.P. storage tank.

Name *Building_ANP-1-15*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-12_ANP-1-15	Razed Building	ammonia, nitric acid	11/14/1946	1/1/1950	Silas Mason	A central bag loading building

Name *Building_ANP-1-2*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-12_ANP-1-2	Razed Building	ammonia gas, nitric acid	11/14/1946	1/1/1950	Silas Mason	Contained four evaporating pans equipped with with air agitation and heating coils.
BDG-12_ANP-1-2	Razed Building	ammonia gas, nitric acid	8/1/1942	5/1/1943	Sherwin Williams Defense Corporation	Contained four evaporating pans equipped with with air agitation and heating coils.

Name *Building_ANP-1-3*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-12_ANP-1-3	Razed Building	ammonia gas, nitric acid	8/1/1942	5/1/1943	Sherwin Williams Defense Corporation	Contained 8 kettles used for stirring a solution of ammonia gas and nitric acid.
BDG-12_ANP-1-3	Razed Building	ammonia gas, nitric acid	11/14/1946	1/1/1950	Silas Mason	Contained 8 kettles used for stirring a solution of ammonia gas and nitric acid.

Name *Building_ANP-1-4*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-12_ANP-1-4	Razed Building	ammonia gas, nitric acid	8/1/1942	5/1/1943	Sherwin Williams Defense Corporation	Contained four evaporating pans equipped with with air agitation and heating coils.
BDG-12_ANP-1-4	Razed Building	ammonia gas, nitric acid	11/14/1946	1/1/1950	Silas Mason	Contained four evaporating pans equipped with with air agitation and heating coils.

Name *Building_ANP-1-5*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-12_ANP-1-5	Razed Building	ammonia gas, nitric acid	8/1/1942	5/1/1943	Sherwin Williams Defense Corporation	Contained 8 kettles used for stirring a solution of ammonia gas and nitric acid.
BDG-12_ANP-1-5	Razed Building	ammonia gas, nitric acid	11/14/1946	1/1/1950	Silas Mason	Contained 8 kettles used for stirring a solution of ammonia gas and nitric acid.

Name *Building_ANP-1-6*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-12_ANP-1-6	Razed Building	ammonia gas, nitric acid	11/14/1946	1/1/1950	Silas Mason	Contained four evaporating pans equipped with with air agitation and heating coils.
BDG-12_ANP-1-6	Razed Building	ammonia gas, nitric acid	8/1/1942	5/1/1943	Sherwin Williams Defense Corporation	Contained four evaporating pans equipped with with air agitation and heating coils.

Name *Building_ANP-1-7*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-12_ANP-1-7	Razed Building	ammonia, nitric acid	11/14/1946	1/1/1950	Silas Mason	The building housed large aboveground storage tanks for ammonia and nitric acid. The building also housed a heat exchanger and five pumps.
BDG-12_ANP-1-7	Razed Building	ammonia, nitric acid	1/1/1956	3/1/1964	Olin	The building housed large aboveground storage tanks for ammonia and nitric acid. The building also housed a heat exchanger and five pumps.
BDG-12_ANP-1-7	Razed Building	ammonia, nitric acid	8/1/1942	5/1/1943	Sherwin Williams Defense Corporation	The building housed large aboveground storage tanks for ammonia and nitric acid. The building also housed a heat exchanger and five pumps.

Name *Building_ANP-1-8*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-12_ANP-1-8	Razed Building	coal, fuel oil	8/1/1942	5/1/1943	Sherwin Williams Defense Corporation	Contained 2 coal-fired boilers.
BDG-12_ANP-1-8	Razed Building	coal, fuel oil	11/14/1946	1/1/1950	Silas Mason	Contained 2 coal-fired boilers.
BDG-12_ANP-1-8	Razed Building	coal, fuel oil	1/1/1956	3/1/1964	Olin	Contained 2 coal-fired boilers.

Name *Building_ANP-1-9*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-12_ANP-1-9	Razed Building		8/1/1942	5/1/1943	Sherwin Williams Defense Corporation	Office space
BDG-12_ANP-1-9	Razed Building		11/14/1946	1/1/1950	Silas Mason	Office space

Name *BurnPit*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BP-12_1	Burn Pit	explosives	1/1/1956	1/1/1964	Olin	Burn pits where wastes varying from explosives to office supplies were burned.

Name *PitLagoon_12-1*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
PL-12_12-1	Pits/Lagoons	nitric acid, lead resorcinol, lead resorcylate, lead salicylate, lead stearate, lead 2-ethyl hexoate	5/1/1960	1/1/1980	Olin	Ponds were lined with black plastic, filled with powder, and then filled with water. Ponds were decontaminated by removal and combustion of contaminants.

Name *PitLagoon_12-2*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
PL-12_12-2	Pits/Lagoons	nitric acid, lead resorcinol, lead resorcylate, lead salicylate, lead stearate, lead 2-ethyl hexoate	5/1/1960	1/1/1980	Olin	Ponds were lined with black plastic, filled with powder, and then filled with water. Ponds were decontaminated by removal and combustion of contaminants.

Name *PitLagoon_12-3*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
PL-12_12-3	Pits/Lagoons	nitric acid, lead resorcinol, lead resorcylate, lead salicylate, lead stearate, lead 2-ethyl hexoate	5/1/1960	1/1/1980	Olin	Ponds were lined with black plastic, filled with powder, and then filled with water. Ponds were decontaminated by removal and combustion of contaminants.

Name *PitLagoon_12-4*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
PL-12_12-4	Pits/Lagoons	nitric acid, lead resorcinol, lead resorcylate, lead salicylate, lead stearate, lead 2-ethyl hexoate	5/1/1960	1/1/1980	Olin	Ponds were lined with black plastic, filled with powder, and then filled with water. Ponds were decontaminated by removal and combustion of contaminants.

Name *PitLagoon_12-5*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
PL-12_12-5	Pits/Lagoons	nitric acid, lead resorcinol, lead resorcylate, lead salicylate, lead stearate, lead 2-ethyl hexoate	5/1/1960	1/1/1980	Olin	Ponds were lined with black plastic, filled with powder, and then filled with water. Ponds were decontaminated by removal and combustion of contaminants.

Name *PitLagoon_12-6-1*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
PL-12_12-6-1	Pits/Lagoons	nitric acid, lead resorcinol, lead resorcylate, lead salicylate, lead stearate, lead 2-ethyl hexoate	5/1/1960	1/1/1980	Olin	Ponds were lined with black plastic, filled with powder, and then filled with water. Ponds were decontaminated by removal and combustion of contaminants.

Name *PitLagoon_12-6-2*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
PL-12_12-6-2	Pits/Lagoons	nitric acid, lead resorcinol, lead resorcylate, lead salicylate, lead stearate, lead 2-ethyl hexoate	5/1/1960	1/1/1980	Olin	Ponds were lined with black plastic, filled with powder, and then filled with water. Ponds were decontaminated by removal and combustion of contaminants.

Name *PitLagoon_12-7*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
PL-12_12-7	Pits/Lagoons	nitric acid, lead resorcinol, lead resorcylate, lead salicylate, lead stearate, lead 2-ethyl hexoate	5/1/1960	1/1/1980	Olin	Ponds were lined with black plastic, filled with powder, and then filled with water. Ponds were decontaminated by removal and combustion of contaminants.

Name *Ponds_72*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
PL-12_72	Pits/Lagoons				CSC	Powder storage ponds 1 to 7

Name *Building_FAI-1-1*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-13_FAI-1-1	Building	PETN, TNT, cast boosters/primers, cyclotol, HBX, octol, PBX, RDX wax, TEI Cord, nitramon, composition B (approximately 60% RDX and 40% TNT), composition H-6, composition A-5, HMX	1/1/1986	10/1/2003	Ensign Bickford	Possible storage; International Minerals and Chemical Corporation was previously known as Commercial Solvents Corporation. In 1982 International Minerals and Chemical Corporation sold a portion of its explosives business to Trojan Corporation and in 1986 Trojan was acquired by Ensign Bickford.
BDG-13_FAI-1-1	Building		1/1/1942	1/1/1945	SWDC	Storage of finished ammunition
BDG-13_FAI-1-1	Building	PETN, TNT, cast boosters/primers, cyclotol, HBX, octol, PBX, RDX wax, TEI Cord, nitramon, composition B (approximately 60% RDX and 40% TNT), composition H-6, composition A-5, HMX	1/1/1982	1/1/1986	Trojan Corporation	Possible storage; International Minerals and Chemical Corporation was previously known as Commercial Solvents Corporation. In 1982 International Minerals and Chemical Corporation sold a portion of its explosives business to Trojan Corporation and in 1986 Trojan was acquired by Ensign Bickford.
BDG-13_FAI-1-1	Building		1/1/1958	1/1/1963	Olin	Storage of Ordill explosives and dynamites
BDG-13_FAI-1-1	Building	PETN, TNT, cast boosters/primers, cyclotol, HBX, octol, PBX, RDX wax, TEI Cord, nitramon, composition B (approximately 60% RDX and 40% TNT), composition H-6, composition A-5, HMX	1/1/1981	1/1/1982	International Minerals and Chemical Corporati	Possible storage; International Minerals and Chemical Corporation was previously known as Commercial Solvents Corporation. In 1982 International Minerals and Chemical Corporation sold a portion of its explosives business to Trojan Corporation and in 1986 Trojan was acquired by Ensign Bickford.
BDG-13_FAI-1-1	Building		1/1/1963	1/1/1981	Commercial Solvents Corporation	Possible storage of explosives

Name *Building_FAI-1-11*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-13_FAI-1-11	Building	Composition B (approximately 60% RDX and 40% TNT), cyclotol (70% RDX and 30% TNT), casting powder, methyl acrylate	1/1/1956	1/1/1997	Olin	Storage of explosives
BDG-13_FAI-1-11	Building		1/1/1942	1/1/1945	SWDC	Storage of finished ammunition

Name *Building_FAI-1-12*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-13_FAI-1-12	Building		1/1/1956	1/1/1997	Olin	Storage of explosives
BDG-13_FAI-1-12	Building		1/1/1942	1/1/1945	SWDC	Storage of finished ammunition
BDG-13_FAI-1-12	Building		1/1/1975	1/1/1975	Southern Illinois University	Building used in deer research

Name *Building_FAI-1-13*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-13_FAI-1-13	Building	barium peroxide, LUU-10/B casting powder	1/1/1956	1/1/1997	Olin	Storage of materials from Olin's solid propellant operations; Barium peroxide was also stored here in 1977 in badly rusted drums; LUU-10/B casting powder was stored here in 1985
BDG-13_FAI-1-13	Building		1/1/1942	1/1/1945	SWDC	Storage of finished ammunition

Name *Building_FAI-1-14*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-13_FAI-1-14	Building		1/1/1942	1/1/1945	SWDC	Storage of finished ammunition
BDG-13_FAI-1-14	Building	Grained DNT, barium carbonate, lead thiocyanate, toluene, acetone, tricholoroethylene, potassium dichromate, ethyl alcohol, xylene, toluene diisocyanate, red lead, methyl ethyl ketone, epichlorohydrin mixture	1/1/1956	1/1/1997	Olin	Storage of mixed fuels and oxidizers in 1977; Storage of hazardous wastes in 1981

Name *Building_FAI-1-2*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-13_FAI-1-2	Building	PETN, TNT, cast boosters/primers, cyclotol, HBX, octol, PBX, RDX wax, TEI Cord, nitramon, composition B (approximately 60% RDX and 40% TNT), composition H-6, composition A-5, HMX	1/1/1982	1/1/1986	Trojan Corporation	Possible storage; International Minerals and Chemical Corporation was previously known as Commercial Solvents Corporation. In 1982 International Minerals and Chemical Corporation sold a portion of its explosives business to Trojan Corporation and in 1986 Trojan was acquired by Ensign Bickford.
BDG-13_FAI-1-2	Building	PETN, TNT, cast boosters/primers, cyclotol, HBX, octol, PBX, RDX wax, TEI Cord, nitramon, composition B (approximately 60% RDX and 40% TNT), composition H-6, composition A-5, HMX	1/1/1981	1/1/1982	International Minerals and Chemical Corporati	Possible storage; International Minerals and Chemical Corporation was previously known as Commercial Solvents Corporation. In 1982 International Minerals and Chemical Corporation sold a portion of its explosives business to Trojan Corporation and in 1986 Trojan was acquired by Ensign Bickford.
BDG-13_FAI-1-2	Building	PETN, TNT, cast boosters/primers, cyclotol, HBX, octol, PBX, RDX wax, TEI Cord, nitramon, composition B (approximately 60% RDX and 40% TNT), composition H-6, composition A-5, HMX	1/1/1986	10/1/2003	Ensign Bickford	Possible storage; International Minerals and Chemical Corporation was previously known as Commercial Solvents Corporation. In 1982 International Minerals and Chemical Corporation sold a portion of its explosives business to Trojan Corporation and in 1986 Trojan was acquired by Ensign Bickford.
BDG-13_FAI-1-2	Building		1/1/1958	1/1/1963	Olin	Storage of explosives
BDG-13_FAI-1-2	Building		1/1/1942	1/1/1945	SWDC	Storage of finished ammunition
BDG-13_FAI-1-2	Building		1/1/1963	1/1/1981	Commercial Solvents Corporation	Possible storage of explosives

Name *Building_FAI-1-3*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-13_FAI-1-3	Building	PETN, TNT, cast boosters/primers, cyclotol, HBX, octol, PBX, RDX wax, TEI Cord, nitramon, composition B (approximately 60% RDX and 40% TNT), composition H-6, composition A-5, HMX	1/1/1981	1/1/1982	International Minerals and Chemical Corporati	Possible storage; International Minerals and Chemical Corporation was previously known as Commercial Solvents Corporation. In 1982 International Minerals and Chemical Corporation sold a portion of its explosives business to Trojan Corporation and in 1986 Trojan was acquired by Ensign Bickford.
BDG-13_FAI-1-3	Building	PETN, TNT, cast boosters/primers, cyclotol, HBX, octol, PBX, RDX wax, TEI Cord, nitramon, composition B (approximately 60% RDX and 40% TNT), composition H-6, composition A-5, HMX	1/1/1986	10/1/2003	Ensign Bickford	Possible storage; International Minerals and Chemical Corporation was previously known as Commercial Solvents Corporation. In 1982 International Minerals and Chemical Corporation sold a portion of its explosives business to Trojan Corporation and in 1986 Trojan was acquired by Ensign Bickford.
BDG-13_FAI-1-3	Building	PETN, TNT, cast boosters/primers, cyclotol, HBX, octol, PBX, RDX wax, TEI Cord, nitramon, composition B (approximately 60% RDX and 40% TNT), composition H-6, composition A-5, HMX	1/1/1982	1/1/1986	Trojan Corporation	Possible storage; International Minerals and Chemical Corporation was previously known as Commercial Solvents Corporation. In 1982 International Minerals and Chemical Corporation sold a portion of its explosives business to Trojan Corporation and in 1986 Trojan was acquired by Ensign Bickford.
BDG-13_FAI-1-3	Building		1/1/1963	1/1/1981	Commercial Solvents Corporation	Possible storage of explosives
BDG-13_FAI-1-3	Building	Orlite 9, dynoil, OMX-44, OMX-42	1/1/1958	1/1/1963	Olin	Storage of explosives
BDG-13_FAI-1-3	Building		1/1/1942	1/1/1945	SWDC	Storage of finished ammunition

Name *Building_FAI-1-4*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-13_FAI-1-4	Building	PETN, TNT, cast boosters/primers, cyclotol, HBX, octol, PBX, RDX wax, TEI Cord, nitramon, composition B (approximately 60% RDX and 40% TNT), composition H-6, composition A-5, HMX	1/1/1981	1/1/1982	International Minerals and Chemical Corporati	Possible storage; International Minerals and Chemical Corporation was previously known as Commercial Solvents Corporation. In 1982 International Minerals and Chemical Corporation sold a portion of its explosives business to Trojan Corporation and in 1986 Trojan was acquired by Ensign Bickford.
BDG-13_FAI-1-4	Building	Gelatins	1/1/1958	1/1/1963	Olin	Storage of explosives
BDG-13_FAI-1-4	Building	PETN, TNT, cast boosters/primers, cyclotol, HBX, octol, PBX, RDX wax, TEI Cord, nitramon, composition B (approximately 60% RDX and 40% TNT), composition H-6, composition A-5, HMX	1/1/1986	10/1/2003	Ensign Bickford	Possible storage; International Minerals and Chemical Corporation was previously known as Commercial Solvents Corporation. In 1982 International Minerals and Chemical Corporation sold a portion of its explosives business to Trojan Corporation and in 1986 Trojan was acquired by Ensign Bickford.
BDG-13_FAI-1-4	Building		1/1/1963	1/1/1981	Commercial Solvents Corporation	Possible storage of explosives
BDG-13_FAI-1-4	Building		1/1/1942	1/1/1945	SWDC	Storage of finished ammunition
BDG-13_FAI-1-4	Building	PETN, TNT, cast boosters/primers, cyclotol, HBX, octol, PBX, RDX wax, TEI Cord, nitramon, composition B (approximately 60% RDX and 40% TNT), composition H-6, composition A-5, HMX	1/1/1982	1/1/1986	Trojan Corporation	Possible storage; International Minerals and Chemical Corporation was previously known as Commercial Solvents Corporation. In 1982 International Minerals and Chemical Corporation sold a portion of its explosives business to Trojan Corporation and in 1986 Trojan was acquired by Ensign Bickford.

Name *Building_FAI-1-5*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-13_FAI-1-5	Building	PETN, TNT, cast boosters/primers, cyclotol, HBX, octol, PBX, RDX wax, TEI Cord, nitramon, composition B (approximately 60% RDX and 40% TNT), composition H-6, composition A-5, HMX	1/1/1982	1/1/1986	Trojan Corporation	Possible storage; International Minerals and Chemical Corporation was previously known as Commercial Solvents Corporation. In 1982 International Minerals and Chemical Corporation sold a portion of its explosives business to Trojan Corporation and in 1986 Trojan was acquired by Ensign Bickford.
BDG-13_FAI-1-5	Building	PETN, TNT, cast boosters/primers, cyclotol, HBX, octol, PBX, RDX wax, TEI Cord, nitramon, composition B (approximately 60% RDX and 40% TNT), composition H-6, composition A-5, HMX	1/1/1981	1/1/1982	International Minerals and Chemical Corporati	Possible storage; International Minerals and Chemical Corporation was previously known as Commercial Solvents Corporation. In 1982 International Minerals and Chemical Corporation sold a portion of its explosives business to Trojan Corporation and in 1986 Trojan was acquired by Ensign Bickford.
BDG-13_FAI-1-5	Building		1/1/1942	1/1/1945	SWDC	Storage of finished ammunition
BDG-13_FAI-1-5	Building		1/1/1963	1/1/1981	Commercial Solvents Corporation	Possible storage of explosives
BDG-13_FAI-1-5	Building	PETN, TNT, cast boosters/primers, cyclotol, HBX, octol, PBX, RDX wax, TEI Cord, nitramon, composition B (approximately 60% RDX and 40% TNT), composition H-6, composition A-5, HMX	1/1/1986	10/1/2003	Ensign Bickford	Possible storage; International Minerals and Chemical Corporation was previously known as Commercial Solvents Corporation. In 1982 International Minerals and Chemical Corporation sold a portion of its explosives business to Trojan Corporation and in 1986 Trojan was acquired by Ensign Bickford.
BDG-13_FAI-1-5	Building		1/1/1958	1/1/1963	Olin	Storage of explosives and slurry

Name *Building_FAI-1-7*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-13_FAI-1-7	Building	PETN, TNT, cast boosters/primers, cyclotol, HBX, octol, PBX, RDX wax, TEI Cord, nitramon, composition B (approximately 60% RDX and 40% TNT), composition H-6, composition A-5, HMX	1/1/1981	1/1/1982	International Minerals and Chemical Corporati	Possible storage; International Minerals and Chemical Corporation was previously known as Commercial Solvents Corporation. In 1982 International Minerals and Chemical Corporation sold a portion of its explosives business to Trojan Corporation and in 1986 Trojan was acquired by Ensign Bickford.
BDG-13_FAI-1-7	Building	PETN, TNT, cast boosters/primers, cyclotol, HBX, octol, PBX, RDX wax, TEI Cord, nitramon, composition B (approximately 60% RDX and 40% TNT), composition H-6, composition A-5, HMX	1/1/1982	1/1/1986	Trojan Corporation	Possible storage; International Minerals and Chemical Corporation was previously known as Commercial Solvents Corporation. In 1982 International Minerals and Chemical Corporation sold a portion of its explosives business to Trojan Corporation and in 1986 Trojan was acquired by Ensign Bickford.
BDG-13_FAI-1-7	Building	PETN, TNT, cast boosters/primers, cyclotol, HBX, octol, PBX, RDX wax, TEI Cord, nitramon, composition B (approximately 60% RDX and 40% TNT), composition H-6, composition A-5, HMX	1/1/1986	10/1/2003	Ensign Bickford	Possible storage; International Minerals and Chemical Corporation was previously known as Commercial Solvents Corporation. In 1982 International Minerals and Chemical Corporation sold a portion of its explosives business to Trojan Corporation and in 1986 Trojan was acquired by Ensign Bickford.
BDG-13_FAI-1-7	Building		1/1/1963	1/1/1981	Commercial Solvents Corporation	Possible storage of explosives
BDG-13_FAI-1-7	Building	OMX-40, 75% sp. Gel	1/1/1958	1/1/1963	Olin	Storage of explosives and seismograph
BDG-13_FAI-1-7	Building		1/1/1942	1/1/1945	SWDC	Storage of finished ammunition

Name *Building_FAI-1-8*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-13_FAI-1-8	Building	Composition B (approximately 60% RDX and 40% TNT), cyclotol (70% RDX and 30% TNT)	1/1/1956	1/1/1997	Olin	Storage of explosives
BDG-13_FAI-1-8	Building		1/1/1942	1/1/1945	SWDC	Storage of finished ammunition

Name *Building_FAI-1-9*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-13_FAI-1-9	Building	Composition B (approximately 60% RDX and 40% TNT), cyclotol (70% RDX and 30% TNT)	1/1/1956	1/1/1997	Olin	Storage of explosives
BDG-13_FAI-1-9	Building		1/1/1942	1/1/1945	SWDC	Storage of finished ammunition

Name *Building_FAI-2-1*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-13_FAI-2-1	Building		1/1/1942	1/1/1945	SWDC	Storage of finished ammunition
BDG-13_FAI-2-1	Building	PETN, TNT, cast boosters/primers, cyclotol, HBX, octol, PBX, RDX wax, TEI Cord, nitramon, composition B (approximately 60% RDX and 40% TNT), composition H-6, composition A-5, HMX	1/1/1982	1/1/1986	Trojan Corporation	Possible storage; International Minerals and Chemical Corporation was previously known as Commercial Solvents Corporation. In 1982 International Minerals and Chemical Corporation sold a portion of its explosives business to Trojan Corporation and in 1986 Trojan was acquired by Ensign Bickford.
BDG-13_FAI-2-1	Building		1/1/1959	1/1/1963	Olin	Storage of explosives for Olin's Solid Propellant Operations
BDG-13_FAI-2-1	Building		1/1/1963	1/1/1981	Commercial Solvents Corporation	Possible storage of explosives
BDG-13_FAI-2-1	Building	PETN, TNT, cast boosters/primers, cyclotol, HBX, octol, PBX, RDX wax, TEI Cord, nitramon, composition B (approximately 60% RDX and 40% TNT), composition H-6, composition A-5, HMX	1/1/1986	10/1/2003	Ensign Bickford	Possible storage; International Minerals and Chemical Corporation was previously known as Commercial Solvents Corporation. In 1982 International Minerals and Chemical Corporation sold a portion of its explosives business to Trojan Corporation and in 1986 Trojan was acquired by Ensign Bickford.
BDG-13_FAI-2-1	Building	PETN, TNT, cast boosters/primers, cyclotol, HBX, octol, PBX, RDX wax, TEI Cord, nitramon, composition B (approximately 60% RDX and 40% TNT), composition H-6, composition A-5, HMX	1/1/1981	1/1/1982	International Minerals and Chemical Corporati	Possible storage; International Minerals and Chemical Corporation was previously known as Commercial Solvents Corporation. In 1982 International Minerals and Chemical Corporation sold a portion of its explosives business to Trojan Corporation and in 1986 Trojan was acquired by Ensign Bickford.

Name *Building_FAI-2-10*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-13_FAI-2-10	Building	Composition A (composed of a series of RDX formulations including various amounts of desensitizing wax, stearic acid, and polyethylene), Composition B (60% RDX and 40% TNT), Composition C, cyclotol	1/1/1956	1/1/1997	Olin	Storage of explosives
BDG-13_FAI-2-10	Building		1/1/1942	1/1/1945	SWDC	Storage of finished ammunition

Name *Building_FAI-2-11*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-13_FAI-2-11	Building		1/1/1942	1/1/1945	SWDC	Storage of finished ammunition
BDG-13_FAI-2-11	Building		1/1/1956	1/1/1997	Olin	Storage of materials from Olin's solid propellant operations

Name *Building_FAI-2-12*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-13_FAI-2-12	Building		1/1/1942	1/1/1945	SWDC	Storage of finished ammunition
BDG-13_FAI-2-12	Building		1/1/1956	1/1/1997	Olin	Storage of materials from Olin's solid propellant operations

Name *Building_FAI-2-13*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-13_FAI-2-13	Building		1/1/1942	1/1/1945	SWDC	Storage of finished ammunition
BDG-13_FAI-2-13	Building		1/1/1956	1/1/1997	Olin	Storage of materials from Olin's solid propellant operations

Name *Building_FAI-2-14*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-13_FAI-2-14	Building		1/1/1942	1/1/1945	SWDC	Storage of finished ammunition
BDG-13_FAI-2-14	Building		1/1/1956	1/1/1997	Olin	Storage of materials from Olin's solid propellant operations and hazardous waste; Hazardous wastes stored in this building in 1981

Crab Orchard Building Summary *Area: 13*

Name *Building_FAI-2-2*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-13_FAI-2-2	Building		1/1/1942	1/1/1945	SWDC	Storage of finished ammunition
BDG-13_FAI-2-2	Building	PETN, TNT, cast boosters/primers, cyclotol, HBX, octol, PBX, RDX wax, TEI Cord, nitramon, composition B (approximately 60% RDX and 40% TNT), composition H-6, composition A-5, HMX	1/1/1981	1/1/1982	International Minerals and Chemical Corporati	Possible storage; International Minerals and Chemical Corporation was previously known as Commercial Solvents Corporation. In 1982 International Minerals and Chemical Corporation sold a portion of its explosives business to Trojan Corporation and in 1986 Trojan was acquired by Ensign Bickford.
BDG-13_FAI-2-2	Building		1/1/1959	1/1/1963	Olin	Storage of explosives for Olin's Solid Propellant Operations
BDG-13_FAI-2-2	Building	PETN, TNT, cast boosters/primers, cyclotol, HBX, octol, PBX, RDX wax, TEI Cord, nitramon, composition B (approximately 60% RDX and 40% TNT), composition H-6, composition A-5, HMX	1/1/1986	10/1/2003	Ensign Bickford	Possible storage; International Minerals and Chemical Corporation was previously known as Commercial Solvents Corporation. In 1982 International Minerals and Chemical Corporation sold a portion of its explosives business to Trojan Corporation and in 1986 Trojan was acquired by Ensign Bickford.
BDG-13_FAI-2-2	Building	PETN, TNT, cast boosters/primers, cyclotol, HBX, octol, PBX, RDX wax, TEI Cord, nitramon, composition B (approximately 60% RDX and 40% TNT), composition H-6, composition A-5, HMX	1/1/1982	1/1/1986	Trojan Corporation	Possible storage; International Minerals and Chemical Corporation was previously known as Commercial Solvents Corporation. In 1982 International Minerals and Chemical Corporation sold a portion of its explosives business to Trojan Corporation and in 1986 Trojan was acquired by Ensign Bickford.
BDG-13_FAI-2-2	Building		1/1/1963	1/1/1981	Commercial Solvents Corporation	Possible storage of explosives

Name *Building_FAI-2-3*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-13_FAI-2-3	Building	PETN, TNT, cast boosters/primers, cyclotol, HBX, octol, PBX, RDX wax, TEI Cord, nitramon, composition B (approximately 60% RDX and 40% TNT), composition H-6, composition A-5, HMX	1/1/1982	1/1/1986	Trojan Corporation	Possible storage; International Minerals and Chemical Corporation was previously known as Commercial Solvents Corporation. In 1982 International Minerals and Chemical Corporation sold a portion of its explosives business to Trojan Corporation and in 1986 Trojan was acquired by Ensign Bickford.
BDG-13_FAI-2-3	Building		1/1/1942	1/1/1945	SWDC	Storage of finished ammunition
BDG-13_FAI-2-3	Building	PETN, TNT, cast boosters/primers, cyclotol, HBX, octol, PBX, RDX wax, TEI Cord, nitramon, composition B (approximately 60% RDX and 40% TNT), composition H-6, composition A-5, HMX	1/1/1981	1/1/1982	International Minerals and Chemical Corporati	Possible storage; International Minerals and Chemical Corporation was previously known as Commercial Solvents Corporation. In 1982 International Minerals and Chemical Corporation sold a portion of its explosives business to Trojan Corporation and in 1986 Trojan was acquired by Ensign Bickford.
BDG-13_FAI-2-3	Building		1/1/1960	1/1/1963	Olin	Storage of explosives for Olin's Solid Propellant Operations
BDG-13_FAI-2-3	Building		1/1/1963	1/1/1981	Commercial Solvents Corporation	Possible storage of explosives
BDG-13_FAI-2-3	Building	PETN, TNT, cast boosters/primers, cyclotol, HBX, octol, PBX, RDX wax, TEI Cord, nitramon, composition B (approximately 60% RDX and 40% TNT), composition H-6, composition A-5, HMX	1/1/1986	10/1/2003	Ensign Bickford	Possible storage; International Minerals and Chemical Corporation was previously known as Commercial Solvents Corporation. In 1982 International Minerals and Chemical Corporation sold a portion of its explosives business to Trojan Corporation and in 1986 Trojan was acquired by Ensign Bickford.

Name *Building_FAI-2-5*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-13_FAI-2-5	Building	PETN, TNT, cast boosters/primers, cyclotol, HBX, octol, PBX, RDX wax, TEI Cord, nitramon, composition B (approximately 60% RDX and 40% TNT), composition H-6, composition A-5, HMX	1/1/1986	10/1/2003	Ensign Bickford	Possible storage; International Minerals and Chemical Corporation was previously known as Commercial Solvents Corporation. In 1982 International Minerals and Chemical Corporation sold a portion of its explosives business to Trojan Corporation and in 1986 Trojan was acquired by Ensign Bickford.
BDG-13_FAI-2-5	Building		1/1/1963	1/1/1981	Commercial Solvents Corporation	Possible storage of explosives
BDG-13_FAI-2-5	Building		1/1/1942	1/1/1945	SWDC	Storage of finished ammunition
BDG-13_FAI-2-5	Building	PETN, TNT, cast boosters/primers, cyclotol, HBX, octol, PBX, RDX wax, TEI Cord, nitramon, composition B (approximately 60% RDX and 40% TNT), composition H-6, composition A-5, HMX	1/1/1981	1/1/1982	International Minerals and Chemical Corporati	Possible storage; International Minerals and Chemical Corporation was previously known as Commercial Solvents Corporation. In 1982 International Minerals and Chemical Corporation sold a portion of its explosives business to Trojan Corporation and in 1986 Trojan was acquired by Ensign Bickford.
BDG-13_FAI-2-5	Building		1/1/1959	1/1/1963	Olin	Storage of explosives for Olin's Solid Propellant Operations
BDG-13_FAI-2-5	Building	PETN, TNT, cast boosters/primers, cyclotol, HBX, octol, PBX, RDX wax, TEI Cord, nitramon, composition B (approximately 60% RDX and 40% TNT), composition H-6, composition A-5, HMX	1/1/1982	1/1/1986	Trojan Corporation	Possible storage; International Minerals and Chemical Corporation was previously known as Commercial Solvents Corporation. In 1982 International Minerals and Chemical Corporation sold a portion of its explosives business to Trojan Corporation and in 1986 Trojan was acquired by Ensign Bickford.

Name *Building_FAI-2-6*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-13_FAI-2-6	Building		1/1/1963	1/1/1981	Commercial Solvents Corporation	Possible storage of explosives
BDG-13_FAI-2-6	Building	PETN, TNT, cast boosters/primers, cyclotol, HBX, octol, PBX, RDX wax, TEI Cord, nitramon, composition B (approximately 60% RDX and 40% TNT), composition H-6, composition A-5, HMX	1/1/1981	1/1/1982	International Minerals and Chemical Corporati	Possible storage; International Minerals and Chemical Corporation was previously known as Commercial Solvents Corporation. In 1982 International Minerals and Chemical Corporation sold a portion of its explosives business to Trojan Corporation and in 1986 Trojan was acquired by Ensign Bickford.
BDG-13_FAI-2-6	Building	Composition B (approximately 60% RDX and 40% TNT)	1/1/1958	1/1/1963	Olin	Storage of explosives
BDG-13_FAI-2-6	Building		1/1/1942	1/1/1945	SWDC	Storage of finished ammunition
BDG-13_FAI-2-6	Building	PETN, TNT, cast boosters/primers, cyclotol, HBX, octol, PBX, RDX wax, TEI Cord, nitramon, composition B (approximately 60% RDX and 40% TNT), composition H-6, composition A-5, HMX	1/1/1982	1/1/1986	Trojan Corporation	Possible storage; International Minerals and Chemical Corporation was previously known as Commercial Solvents Corporation. In 1982 International Minerals and Chemical Corporation sold a portion of its explosives business to Trojan Corporation and in 1986 Trojan was acquired by Ensign Bickford.
BDG-13_FAI-2-6	Building	PETN, TNT, cast boosters/primers, cyclotol, HBX, octol, PBX, RDX wax, TEI Cord, nitramon, composition B (approximately 60% RDX and 40% TNT), composition H-6, composition A-5, HMX	1/1/1986	10/1/2003	Ensign Bickford	Possible storage; International Minerals and Chemical Corporation was previously known as Commercial Solvents Corporation. In 1982 International Minerals and Chemical Corporation sold a portion of its explosives business to Trojan Corporation and in 1986 Trojan was acquired by Ensign Bickford.

Name *Building_FAI-2-7*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-13_FAI-2-7	Building		1/1/1963	1/1/1981	Commercial Solvents Corporation	Possible storage of explosives
BDG-13_FAI-2-7	Building	PETN, TNT, cast boosters/primers, cyclotol, HBX, octol, PBX, RDX wax, TEI Cord, nitramon, composition B (approximately 60% RDX and 40% TNT), composition H-6, composition A-5, HMX	1/1/1982	1/1/1986	Trojan Corporation	Possible storage; International Minerals and Chemical Corporation was previously known as Commercial Solvents Corporation. In 1982 International Minerals and Chemical Corporation sold a portion of its explosives business to Trojan Corporation and in 1986 Trojan was acquired by Ensign Bickford.
BDG-13_FAI-2-7	Building	Composition B (approximately 60% RDX and 40% TNT)	1/1/1958	1/1/1963	Olin	Storage of explosives
BDG-13_FAI-2-7	Building	PETN, TNT, cast boosters/primers, cyclotol, HBX, octol, PBX, RDX wax, TEI Cord, nitramon, composition B (approximately 60% RDX and 40% TNT), composition H-6, composition A-5, HMX	1/1/1981	1/1/1982	International Minerals and Chemical Corporati	Possible storage; International Minerals and Chemical Corporation was previously known as Commercial Solvents Corporation. In 1982 International Minerals and Chemical Corporation sold a portion of its explosives business to Trojan Corporation and in 1986 Trojan was acquired by Ensign Bickford.
BDG-13_FAI-2-7	Building	PETN, TNT, cast boosters/primers, cyclotol, HBX, octol, PBX, RDX wax, TEI Cord, nitramon, composition B (approximately 60% RDX and 40% TNT), composition H-6, composition A-5, HMX	1/1/1986	10/1/2003	Ensign Bickford	Possible storage; International Minerals and Chemical Corporation was previously known as Commercial Solvents Corporation. In 1982 International Minerals and Chemical Corporation sold a portion of its explosives business to Trojan Corporation and in 1986 Trojan was acquired by Ensign Bickford.
BDG-13_FAI-2-7	Building		1/1/1942	1/1/1945	SWDC	Storage of finished ammunition

Name *Building_FAI-2-8*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-13_FAI-2-8	Building		1/1/1942	1/1/1945	SWDC	Storage of finished ammunition
BDG-13_FAI-2-8	Building	cyclotol	1/1/1956	1/1/1997	Olin	Storage of explosives

Name *Building_FAI-2-9*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-13_FAI-2-9	Building		1/1/1942	1/1/1945	SWDC	Storage of finished ammunition
BDG-13_FAI-2-9	Building	cyclotol	1/1/1956	1/1/1997	Olin	Storage of explosives

Name *Building_FAI-3-1*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-13_FAI-3-1	Building	PETN, TNT, cast boosters/primers, cyclotol, HBX, octol, PBX, RDX wax, TEI Cord, nitramon, composition B (approximately 60% RDX and 40% TNT), composition H-6, composition A-5, HMX	1/1/1982	1/1/1986	Trojan Corporation	Possible storage; International Minerals and Chemical Corporation was previously known as Commercial Solvents Corporation. In 1982 International Minerals and Chemical Corporation sold a portion of its explosives business to Trojan Corporation and in 1986 Trojan was acquired by Ensign Bickford.
BDG-13_FAI-3-1	Building		1/1/1942	1/1/1945	SWDC	Storage of finished ammunition
BDG-13_FAI-3-1	Building		1/1/1963	1/1/1981	Commercial Solvents Corporation	Possible storage of explosives
BDG-13_FAI-3-1	Building	PETN, TNT, cast boosters/primers, cyclotol, HBX, octol, PBX, RDX wax, TEI Cord, nitramon, composition B (approximately 60% RDX and 40% TNT), composition H-6, composition A-5, HMX	1/1/1986	10/1/2003	Ensign Bickford	Possible storage; International Minerals and Chemical Corporation was previously known as Commercial Solvents Corporation. In 1982 International Minerals and Chemical Corporation sold a portion of its explosives business to Trojan Corporation and in 1986 Trojan was acquired by Ensign Bickford.
BDG-13_FAI-3-1	Building	PETN, TNT, cast boosters/primers, cyclotol, HBX, octol, PBX, RDX wax, TEI Cord, nitramon, composition B (approximately 60% RDX and 40% TNT), composition H-6, composition A-5, HMX	1/1/1981	1/1/1982	International Minerals and Chemical Corporati	Possible storage; International Minerals and Chemical Corporation was previously known as Commercial Solvents Corporation. In 1982 International Minerals and Chemical Corporation sold a portion of its explosives business to Trojan Corporation and in 1986 Trojan was acquired by Ensign Bickford.
BDG-13_FAI-3-1	Building	TNT	1/1/1960	1/1/1963	Olin	Storage of explosives

Name *Building_FAI-3-10*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-13_FAI-3-10	Building	Composition B (60% RDX and 40% TNT)	1/1/1956	1/1/1997	Olin	Storage of explosives; Hazardous waste was stored here previous to 1988
BDG-13_FAI-3-10	Building		1/1/1942	1/1/1945	SWDC	Storage of finished ammunition

Name *Building_FAI-3-11*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-13_FAI-3-11	Building	Composition A (composed of a series of RDX formulations including various amounts of desensitizing wax, stearic acid, and polyethylene), Composition B (60% RDX and 40% TNT), ball powder	1/1/1956	1/1/1997	Olin	Storage of explosives
BDG-13_FAI-3-11	Building		1/1/1942	1/1/1945	SWDC	Storage of finished ammunition

Name *Building_FAI-3-13*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-13_FAI-3-13	Building	Composition A (composed of a series of RDX formulations including various amounts of desensitizing wax, stearic acid, and polyethylene), Composition B (60% RDX and 40% TNT), hazardous waste, lead, asbestos, MOCA, toluenediamine, lead beta resorcylate	1/1/1956	1/1/1997	Olin	Storage of explosives; Hazardous waste was stored here previous to 1988
BDG-13_FAI-3-13	Building		1/1/1942	1/1/1945	SWDC	Storage of finished ammunition

Name *Building_FAI-3-14*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-13_FAI-3-14	Building		1/1/1942	1/1/1945	SWDC	Storage of finished ammunition
BDG-13_FAI-3-14	Building	Composition A (composed of a series of RDX formulations including various amounts of desensitizing wax, stearic acid, and polyethylene), Composition B (60% RDX and 40% TNT)	1/1/1956	1/1/1997	Olin	Storage of explosives

Name *Building_FAI-3-15*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-13_FAI-3-15	Building		1/1/1942	1/1/1945	SWDC	Storage of finished ammunition
BDG-13_FAI-3-15	Building	Composition A (composed of a series of RDX formulations including various amounts of desensitizing wax, stearic acid, and polyethylene), Composition B (60% RDX and 40% TNT)	1/1/1956	1/1/1997	Olin	Storage of explosives

Name *Building_FAI-3-2*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-13_FAI-3-2	Building	PETN, TNT, cast boosters/primers, cyclotol, HBX, octol, PBX, RDX wax, TEI Cord, nitramon, composition B (approximately 60% RDX and 40% TNT), composition H-6, composition A-5, HMX	1/1/1986	10/1/2003	Ensign Bickford	Possible storage; International Minerals and Chemical Corporation was previously known as Commercial Solvents Corporation. In 1982 International Minerals and Chemical Corporation sold a portion of its explosives business to Trojan Corporation and in 1986 Trojan was acquired by Ensign Bickford.
BDG-13_FAI-3-2	Building	TNT	1/1/1960	1/1/1963	Olin	Storage of explosives
BDG-13_FAI-3-2	Building		1/1/1963	1/1/1981	Commercial Solvents Corporation	Possible storage of explosives
BDG-13_FAI-3-2	Building		1/1/1942	1/1/1945	SWDC	Storage of finished ammunition
BDG-13_FAI-3-2	Building	PETN, TNT, cast boosters/primers, cyclotol, HBX, octol, PBX, RDX wax, TEI Cord, nitramon, composition B (approximately 60% RDX and 40% TNT), composition H-6, composition A-5, HMX	1/1/1981	1/1/1982	International Minerals and Chemical Corporati	Possible storage; International Minerals and Chemical Corporation was previously known as Commercial Solvents Corporation. In 1982 International Minerals and Chemical Corporation sold a portion of its explosives business to Trojan Corporation and in 1986 Trojan was acquired by Ensign Bickford.
BDG-13_FAI-3-2	Building	PETN, TNT, cast boosters/primers, cyclotol, HBX, octol, PBX, RDX wax, TEI Cord, nitramon, composition B (approximately 60% RDX and 40% TNT), composition H-6, composition A-5, HMX	1/1/1982	1/1/1986	Trojan Corporation	Possible storage; International Minerals and Chemical Corporation was previously known as Commercial Solvents Corporation. In 1982 International Minerals and Chemical Corporation sold a portion of its explosives business to Trojan Corporation and in 1986 Trojan was acquired by Ensign Bickford.

Name *Building_FAI-3-3*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-13_FAI-3-3	Building	PETN, TNT, cast boosters/primers, cyclotol, HBX, octol, PBX, RDX wax, TEI Cord, nitramon, composition B (approximately 60% RDX and 40% TNT), composition H-6, composition A-5, HMX	1/1/1981	1/1/1982	International Minerals and Chemical Corporati	Possible storage; International Minerals and Chemical Corporation was previously known as Commercial Solvents Corporation. In 1982 International Minerals and Chemical Corporation sold a portion of its explosives business to Trojan Corporation and in 1986 Trojan was acquired by Ensign Bickford.
BDG-13_FAI-3-3	Building		1/1/1942	1/1/1945	SWDC	Storage of finished ammunition
BDG-13_FAI-3-3	Building		1/1/1959	1/1/1963	Olin	Storage of materials from Olin's solid propellant operations
BDG-13_FAI-3-3	Building		1/1/1963	1/1/1981	Commercial Solvents Corporation	Possible storage of explosives
BDG-13_FAI-3-3	Building	PETN, TNT, cast boosters/primers, cyclotol, HBX, octol, PBX, RDX wax, TEI Cord, nitramon, composition B (approximately 60% RDX and 40% TNT), composition H-6, composition A-5, HMX	1/1/1986	10/1/2003	Ensign Bickford	Possible storage; International Minerals and Chemical Corporation was previously known as Commercial Solvents Corporation. In 1982 International Minerals and Chemical Corporation sold a portion of its explosives business to Trojan Corporation and in 1986 Trojan was acquired by Ensign Bickford.
BDG-13_FAI-3-3	Building	PETN, TNT, cast boosters/primers, cyclotol, HBX, octol, PBX, RDX wax, TEI Cord, nitramon, composition B (approximately 60% RDX and 40% TNT), composition H-6, composition A-5, HMX	1/1/1982	1/1/1986	Trojan Corporation	Possible storage; International Minerals and Chemical Corporation was previously known as Commercial Solvents Corporation. In 1982 International Minerals and Chemical Corporation sold a portion of its explosives business to Trojan Corporation and in 1986 Trojan was acquired by Ensign Bickford.

Name *Building_FAI-3-4*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-13_FAI-3-4	Building		1/1/1963	1/1/1981	Commercial Solvents Corporation	Possible storage of explosives
BDG-13_FAI-3-4	Building	PETN, TNT, cast boosters/primers, cyclotol, HBX, octol, PBX, RDX wax, TEI Cord, nitramon, composition B (approximately 60% RDX and 40% TNT), composition H-6, composition A-5, HMX	1/1/1981	1/1/1982	International Minerals and Chemical Corporati	Possible storage; International Minerals and Chemical Corporation was previously known as Commercial Solvents Corporation. In 1982 International Minerals and Chemical Corporation sold a portion of its explosives business to Trojan Corporation and in 1986 Trojan was acquired by Ensign Bickford.
BDG-13_FAI-3-4	Building	PETN, TNT, cast boosters/primers, cyclotol, HBX, octol, PBX, RDX wax, TEI Cord, nitramon, composition B (approximately 60% RDX and 40% TNT), composition H-6, composition A-5, HMX	1/1/1982	1/1/1986	Trojan Corporation	Possible storage; International Minerals and Chemical Corporation was previously known as Commercial Solvents Corporation. In 1982 International Minerals and Chemical Corporation sold a portion of its explosives business to Trojan Corporation and in 1986 Trojan was acquired by Ensign Bickford.
BDG-13_FAI-3-4	Building	PETN, TNT, cast boosters/primers, cyclotol, HBX, octol, PBX, RDX wax, TEI Cord, nitramon, composition B (approximately 60% RDX and 40% TNT), composition H-6, composition A-5, HMX	1/1/1986	10/1/2003	Ensign Bickford	Possible storage; International Minerals and Chemical Corporation was previously known as Commercial Solvents Corporation. In 1982 International Minerals and Chemical Corporation sold a portion of its explosives business to Trojan Corporation and in 1986 Trojan was acquired by Ensign Bickford.
BDG-13_FAI-3-4	Building		1/1/1960	1/1/1963	Olin	Storage of materials from Olin's solid propellant operations
BDG-13_FAI-3-4	Building		1/1/1942	1/1/1945	SWDC	Storage of finished ammunition

Name *Building_FAI-3-5*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-13_FAI-3-5	Building	PETN, TNT, cast boosters/primers, cyclotol, HBX, octol, PBX, RDX wax, TEI Cord, nitramon, composition B (approximately 60% RDX and 40% TNT), composition H-6, composition A-5, HMX	1/1/1981	1/1/1982	International Minerals and Chemical Corporati	Possible storage; International Minerals and Chemical Corporation was previously known as Commercial Solvents Corporation. In 1982 International Minerals and Chemical Corporation sold a portion of its explosives business to Trojan Corporation and in 1986 Trojan was acquired by Ensign Bickford.
BDG-13_FAI-3-5	Building	PETN, TNT, cast boosters/primers, cyclotol, HBX, octol, PBX, RDX wax, TEI Cord, nitramon, composition B (approximately 60% RDX and 40% TNT), composition H-6, composition A-5, HMX	1/1/1982	1/1/1986	Trojan Corporation	Possible storage; International Minerals and Chemical Corporation was previously known as Commercial Solvents Corporation. In 1982 International Minerals and Chemical Corporation sold a portion of its explosives business to Trojan Corporation and in 1986 Trojan was acquired by Ensign Bickford.
BDG-13_FAI-3-5	Building		1/1/1960	1/1/1963	Olin	Storage of explosives
BDG-13_FAI-3-5	Building		1/1/1963	1/1/1981	Commercial Solvents Corporation	Possible storage of explosives
BDG-13_FAI-3-5	Building	PETN, TNT, cast boosters/primers, cyclotol, HBX, octol, PBX, RDX wax, TEI Cord, nitramon, composition B (approximately 60% RDX and 40% TNT), composition H-6, composition A-5, HMX	1/1/1986	10/1/2003	Ensign Bickford	Possible storage; International Minerals and Chemical Corporation was previously known as Commercial Solvents Corporation. In 1982 International Minerals and Chemical Corporation sold a portion of its explosives business to Trojan Corporation and in 1986 Trojan was acquired by Ensign Bickford.
BDG-13_FAI-3-5	Building		1/1/1975	1/1/1975	Southern Illinois University	Building used in deer research
BDG-13_FAI-3-5	Building		1/1/1942	1/1/1945	SWDC	Storage of finished ammunition

Name *Building_FAI-3-6*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-13_FAI-3-6	Building	PETN, TNT, cast boosters/primers, cyclotol, HBX, octol, PBX, RDX wax, TEI Cord, nitramon, composition B (approximately 60% RDX and 40% TNT), composition H-6, composition A-5, HMX	1/1/1986	10/1/2003	Ensign Bickford	Possible storage; International Minerals and Chemical Corporation was previously known as Commercial Solvents Corporation. In 1982 International Minerals and Chemical Corporation sold a portion of its explosives business to Trojan Corporation and in 1986 Trojan was acquired by Ensign Bickford.
BDG-13_FAI-3-6	Building	PETN, TNT, cast boosters/primers, cyclotol, HBX, octol, PBX, RDX wax, TEI Cord, nitramon, composition B (approximately 60% RDX and 40% TNT), composition H-6, composition A-5, HMX	1/1/1981	1/1/1982	International Minerals and Chemical Corporati	Possible storage; International Minerals and Chemical Corporation was previously known as Commercial Solvents Corporation. In 1982 International Minerals and Chemical Corporation sold a portion of its explosives business to Trojan Corporation and in 1986 Trojan was acquired by Ensign Bickford.
BDG-13_FAI-3-6	Building		1/1/1959	1/1/1963	Olin	Storage of materials from Olin's solid propellant operations
BDG-13_FAI-3-6	Building		1/1/1963	1/1/1981	Commercial Solvents Corporation	Possible storage of explosives
BDG-13_FAI-3-6	Building		1/1/1942	1/1/1945	SWDC	Storage of finished ammunition
BDG-13_FAI-3-6	Building	PETN, TNT, cast boosters/primers, cyclotol, HBX, octol, PBX, RDX wax, TEI Cord, nitramon, composition B (approximately 60% RDX and 40% TNT), composition H-6, composition A-5, HMX	1/1/1982	1/1/1986	Trojan Corporation	Possible storage; International Minerals and Chemical Corporation was previously known as Commercial Solvents Corporation. In 1982 International Minerals and Chemical Corporation sold a portion of its explosives business to Trojan Corporation and in 1986 Trojan was acquired by Ensign Bickford.

Name *Building_FAI-3-7*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-13_FAI-3-7	Building	PETN, TNT, cast boosters/primers, cyclotol, HBX, octol, PBX, RDX wax, TEI Cord, nitramon, composition B (approximately 60% RDX and 40% TNT), composition H-6, composition A-5, HMX	1/1/1986	10/1/2003	Ensign Bickford	Possible storage; International Minerals and Chemical Corporation was previously known as Commercial Solvents Corporation. In 1982 International Minerals and Chemical Corporation sold a portion of its explosives business to Trojan Corporation and in 1986 Trojan was acquired by Ensign Bickford.
BDG-13_FAI-3-7	Building		1/1/1959	1/1/1963	Olin	Storage of materials from Olin's solid propellant operations
BDG-13_FAI-3-7	Building		1/1/1963	1/1/1981	Commercial Solvents Corporation	Possible storage of explosives
BDG-13_FAI-3-7	Building	PETN, TNT, cast boosters/primers, cyclotol, HBX, octol, PBX, RDX wax, TEI Cord, nitramon, composition B (approximately 60% RDX and 40% TNT), composition H-6, composition A-5, HMX	1/1/1981	1/1/1982	International Minerals and Chemical Corporati	Possible storage; International Minerals and Chemical Corporation was previously known as Commercial Solvents Corporation. In 1982 International Minerals and Chemical Corporation sold a portion of its explosives business to Trojan Corporation and in 1986 Trojan was acquired by Ensign Bickford.
BDG-13_FAI-3-7	Building	PETN, TNT, cast boosters/primers, cyclotol, HBX, octol, PBX, RDX wax, TEI Cord, nitramon, composition B (approximately 60% RDX and 40% TNT), composition H-6, composition A-5, HMX	1/1/1982	1/1/1986	Trojan Corporation	Possible storage; International Minerals and Chemical Corporation was previously known as Commercial Solvents Corporation. In 1982 International Minerals and Chemical Corporation sold a portion of its explosives business to Trojan Corporation and in 1986 Trojan was acquired by Ensign Bickford.
BDG-13_FAI-3-7	Building		1/1/1942	1/1/1945	SWDC	Storage of finished ammunition

Name *Building_FAI-3-8*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-13_FAI-3-8	Building	PETN, TNT, cast boosters/primers, cyclotol, HBX, octol, PBX, RDX wax, TEI Cord, nitramon, composition B (approximately 60% RDX and 40% TNT), composition H-6, composition A-5, HMX	1/1/1986	10/1/2003	Ensign Bickford	Possible storage; International Minerals and Chemical Corporation was previously known as Commercial Solvents Corporation. In 1982 International Minerals and Chemical Corporation sold a portion of its explosives business to Trojan Corporation and in 1986 Trojan was acquired by Ensign Bickford.
BDG-13_FAI-3-8	Building		1/1/1960	1/1/1963	Olin	Storage of materials from Olin's solid propellant operations
BDG-13_FAI-3-8	Building		1/1/1963	1/1/1981	Commercial Solvents Corporation	Possible storage of explosives
BDG-13_FAI-3-8	Building	PETN, TNT, cast boosters/primers, cyclotol, HBX, octol, PBX, RDX wax, TEI Cord, nitramon, composition B (approximately 60% RDX and 40% TNT), composition H-6, composition A-5, HMX	1/1/1982	1/1/1986	Trojan Corporation	Possible storage; International Minerals and Chemical Corporation was previously known as Commercial Solvents Corporation. In 1982 International Minerals and Chemical Corporation sold a portion of its explosives business to Trojan Corporation and in 1986 Trojan was acquired by Ensign Bickford.
BDG-13_FAI-3-8	Building	PETN, TNT, cast boosters/primers, cyclotol, HBX, octol, PBX, RDX wax, TEI Cord, nitramon, composition B (approximately 60% RDX and 40% TNT), composition H-6, composition A-5, HMX	1/1/1981	1/1/1982	International Minerals and Chemical Corporati	Possible storage; International Minerals and Chemical Corporation was previously known as Commercial Solvents Corporation. In 1982 International Minerals and Chemical Corporation sold a portion of its explosives business to Trojan Corporation and in 1986 Trojan was acquired by Ensign Bickford.
BDG-13_FAI-3-8	Building		1/1/1942	1/1/1945	SWDC	Storage of finished ammunition

Name *Building_FAI-3-9*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-13_FAI-3-9	Building	Composition A (composed of a series of RDX formulations including various amounts of desensitizing wax, stearic acid, and polyethylene), Composition B (60% RDX and 40% TNT), hazardous waste	1/1/1956	1/1/1997	Olin	Storage of explosives; Hazardous waste was stored here previous to 1988
BDG-13_FAI-3-9	Building		1/1/1942	1/1/1945	SWDC	Storage of finished ammunition

Name *Building_FAI-4-1*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-13_FAI-4-1	Building		1/1/1963	1/1/1981	Commercial Solvents Corporation	Possible storage of explosives
BDG-13_FAI-4-1	Building		1/1/1960	1/1/1963	Olin	Storage of explosives
BDG-13_FAI-4-1	Building	PETN, TNT, cast boosters/primers, cyclotol, HBX, octol, PBX, RDX wax, TEI Cord, nitramon, composition B (approximately 60% RDX and 40% TNT), composition H-6, composition A-5, HMX	1/1/1981	1/1/1982	International Minerals and Chemical Corporati	Possible storage; International Minerals and Chemical Corporation was previously known as Commercial Solvents Corporation. In 1982 International Minerals and Chemical Corporation sold a portion of its explosives business to Trojan Corporation and in 1986 Trojan was acquired by Ensign Bickford.
BDG-13_FAI-4-1	Building	PETN, TNT, cast boosters/primers, cyclotol, HBX, octol, PBX, RDX wax, TEI Cord, nitramon, composition B (approximately 60% RDX and 40% TNT), composition H-6, composition A-5, HMX	1/1/1982	1/1/1986	Trojan Corporation	Possible storage; International Minerals and Chemical Corporation was previously known as Commercial Solvents Corporation. In 1982 International Minerals and Chemical Corporation sold a portion of its explosives business to Trojan Corporation and in 1986 Trojan was acquired by Ensign Bickford.
BDG-13_FAI-4-1	Building		1/1/1942	1/1/1945	SWDC	Storage of finished ammunition
BDG-13_FAI-4-1	Building	PETN, TNT, cast boosters/primers, cyclotol, HBX, octol, PBX, RDX wax, TEI Cord, nitramon, composition B (approximately 60% RDX and 40% TNT), composition H-6, composition A-5, HMX	1/1/1986	10/1/2003	Ensign Bickford	Possible storage; International Minerals and Chemical Corporation was previously known as Commercial Solvents Corporation. In 1982 International Minerals and Chemical Corporation sold a portion of its explosives business to Trojan Corporation and in 1986 Trojan was acquired by Ensign Bickford.

Name *Building_FAI-4-10*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-13_FAI-4-10	Building		1/1/1942	1/1/1945	SWDC	Storage of finished ammunition
BDG-13_FAI-4-10	Building	Composition B (60% RDX and 40% TNT)	1/1/1956	1/1/1997	Olin	Storage of explosives

Name *Building_FAI-4-11*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-13_FAI-4-11	Building		1/1/1956	1/1/1997	Olin	Storage of explosives
BDG-13_FAI-4-11	Building		1/1/1942	1/1/1945	SWDC	Storage of finished ammunition

Name *Building_FAI-4-12*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-13_FAI-4-12	Building		1/1/1942	1/1/1945	SWDC	Storage of finished ammunition
BDG-13_FAI-4-12	Building	Composition B (60% RDX and 40% TNT)	1/1/1956	1/1/1997	Olin	Storage of explosives

Name *Building_FAI-4-13*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-13_FAI-4-13	Building	Composition B (60% RDX and 40% TNT)	1/1/1956	1/1/1997	Olin	Storage of explosives
BDG-13_FAI-4-13	Building		1/1/1942	1/1/1945	SWDC	Storage of finished ammunition

Name *Building_FAI-4-14*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-13_FAI-4-14	Building		1/1/1956	1/1/1997	Olin	Storage of explosives
BDG-13_FAI-4-14	Building		1/1/1942	1/1/1945	SWDC	Storage of finished ammunition

Name *Building_FAI-4-15*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-13_FAI-4-15	Building		1/1/1942	1/1/1945	SWDC	Storage of finished ammunition
BDG-13_FAI-4-15	Building		1/1/1956	1/1/1997	Olin	Storage of explosives

Name *Building_FAI-4-16*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-13_FAI-4-16	Building		1/1/1942	1/1/1945	SWDC	Storage of finished ammunition
BDG-13_FAI-4-16	Building		1/1/1956	1/1/1997	Olin	Storage of explosives

Name *Building_FAI-4-2*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-13_FAI-4-2	Building		1/1/1942	1/1/1945	SWDC	Storage of finished ammunition
BDG-13_FAI-4-2	Building	PETN, TNT, cast boosters/primers, cyclotol, HBX, octol, PBX, RDX wax, TEI Cord, nitramon, composition B (approximately 60% RDX and 40% TNT), composition H-6, composition A-5, HMX	1/1/1982	1/1/1986	Trojan Corporation	Possible storage; International Minerals and Chemical Corporation was previously known as Commercial Solvents Corporation. In 1982 International Minerals and Chemical Corporation sold a portion of its explosives business to Trojan Corporation and in 1986 Trojan was acquired by Ensign Bickford.
BDG-13_FAI-4-2	Building		1/1/1963	1/1/1981	Commercial Solvents Corporation	Possible storage of explosives
BDG-13_FAI-4-2	Building	PETN, TNT, cast boosters/primers, cyclotol, HBX, octol, PBX, RDX wax, TEI Cord, nitramon, composition B (approximately 60% RDX and 40% TNT), composition H-6, composition A-5, HMX	1/1/1986	10/1/2003	Ensign Bickford	Possible storage; International Minerals and Chemical Corporation was previously known as Commercial Solvents Corporation. In 1982 International Minerals and Chemical Corporation sold a portion of its explosives business to Trojan Corporation and in 1986 Trojan was acquired by Ensign Bickford.
BDG-13_FAI-4-2	Building	PETN, TNT, cast boosters/primers, cyclotol, HBX, octol, PBX, RDX wax, TEI Cord, nitramon, composition B (approximately 60% RDX and 40% TNT), composition H-6, composition A-5, HMX	1/1/1981	1/1/1982	International Minerals and Chemical Corporati	Possible storage; International Minerals and Chemical Corporation was previously known as Commercial Solvents Corporation. In 1982 International Minerals and Chemical Corporation sold a portion of its explosives business to Trojan Corporation and in 1986 Trojan was acquired by Ensign Bickford.
BDG-13_FAI-4-2	Building		1/1/1960	1/1/1963	Olin	Storage of explosives

Crab Orchard Building Summary *Area: 13*

Name *Building_FAI-4-3*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-13_FAI-4-3	Building	PETN, TNT, cast boosters/primers, cyclotol, HBX, octol, PBX, RDX wax, TEI Cord, nitramon, composition B (approximately 60% RDX and 40% TNT), composition H-6, composition A-5, HMX	1/1/1981	1/1/1982	International Minerals and Chemical Corporati	Possible storage; International Minerals and Chemical Corporation was previously known as Commercial Solvents Corporation. In 1982 International Minerals and Chemical Corporation sold a portion of its explosives business to Trojan Corporation and in 1986 Trojan was acquired by Ensign Bickford.
BDG-13_FAI-4-3	Building		1/1/1960	1/1/1963	Olin	Storage of explosives
BDG-13_FAI-4-3	Building	PETN, TNT, cast boosters/primers, cyclotol, HBX, octol, PBX, RDX wax, TEI Cord, nitramon, composition B (approximately 60% RDX and 40% TNT), composition H-6, composition A-5, HMX	1/1/1982	1/1/1986	Trojan Corporation	Possible storage; International Minerals and Chemical Corporation was previously known as Commercial Solvents Corporation. In 1982 International Minerals and Chemical Corporation sold a portion of its explosives business to Trojan Corporation and in 1986 Trojan was acquired by Ensign Bickford.
BDG-13_FAI-4-3	Building		1/1/1942	1/1/1945	SWDC	Storage of finished ammunition
BDG-13_FAI-4-3	Building		1/1/1963	1/1/1981	Commercial Solvents Corporation	Possible storage of explosives
BDG-13_FAI-4-3	Building	PETN, TNT, cast boosters/primers, cyclotol, HBX, octol, PBX, RDX wax, TEI Cord, nitramon, composition B (approximately 60% RDX and 40% TNT), composition H-6, composition A-5, HMX	1/1/1986	10/1/2003	Ensign Bickford	Possible storage; International Minerals and Chemical Corporation was previously known as Commercial Solvents Corporation. In 1982 International Minerals and Chemical Corporation sold a portion of its explosives business to Trojan Corporation and in 1986 Trojan was acquired by Ensign Bickford.

Name *Building_FAI-4-4*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-13_FAI-4-4	Building		1/1/1963	1/1/1981	Commercial Solvents Corporation	Possible storage of explosives
BDG-13_FAI-4-4	Building		1/1/1942	1/1/1945	SWDC	Storage of finished ammunition
BDG-13_FAI-4-4	Building		1/1/1960	1/1/1963	Olin	Storage of explosives
BDG-13_FAI-4-4	Building	PETN, TNT, cast boosters/primers, cyclotol, HBX, octol, PBX, RDX wax, TEI Cord, nitramon, composition B (approximately 60% RDX and 40% TNT), composition H-6, composition A-5, HMX	1/1/1981	1/1/1982	International Minerals and Chemical Corporati	Possible storage; International Minerals and Chemical Corporation was previously known as Commercial Solvents Corporation. In 1982 International Minerals and Chemical Corporation sold a portion of its explosives business to Trojan Corporation and in 1986 Trojan was acquired by Ensign Bickford.
BDG-13_FAI-4-4	Building	PETN, TNT, cast boosters/primers, cyclotol, HBX, octol, PBX, RDX wax, TEI Cord, nitramon, composition B (approximately 60% RDX and 40% TNT), composition H-6, composition A-5, HMX	1/1/1982	1/1/1986	Trojan Corporation	Possible storage; International Minerals and Chemical Corporation was previously known as Commercial Solvents Corporation. In 1982 International Minerals and Chemical Corporation sold a portion of its explosives business to Trojan Corporation and in 1986 Trojan was acquired by Ensign Bickford.
BDG-13_FAI-4-4	Building	PETN, TNT, cast boosters/primers, cyclotol, HBX, octol, PBX, RDX wax, TEI Cord, nitramon, composition B (approximately 60% RDX and 40% TNT), composition H-6, composition A-5, HMX	1/1/1986	10/1/2003	Ensign Bickford	Possible storage; International Minerals and Chemical Corporation was previously known as Commercial Solvents Corporation. In 1982 International Minerals and Chemical Corporation sold a portion of its explosives business to Trojan Corporation and in 1986 Trojan was acquired by Ensign Bickford.

Name *Building_FAI-4-5*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-13_FAI-4-5	Building		1/1/1942	1/1/1945	SWDC	Storage of finished ammunition
BDG-13_FAI-4-5	Building	PETN, TNT, cast boosters/primers, cyclotol, HBX, octol, PBX, RDX wax, TEI Cord, nitramon, composition B (approximately 60% RDX and 40% TNT), composition H-6, composition A-5, HMX	1/1/1981	1/1/1982	International Minerals and Chemical Corporati	Possible storage; International Minerals and Chemical Corporation was previously known as Commercial Solvents Corporation. In 1982 International Minerals and Chemical Corporation sold a portion of its explosives business to Trojan Corporation and in 1986 Trojan was acquired by Ensign Bickford.
BDG-13_FAI-4-5	Building	PETN, TNT, cast boosters/primers, cyclotol, HBX, octol, PBX, RDX wax, TEI Cord, nitramon, composition B (approximately 60% RDX and 40% TNT), composition H-6, composition A-5, HMX	1/1/1982	1/1/1986	Trojan Corporation	Possible storage; International Minerals and Chemical Corporation was previously known as Commercial Solvents Corporation. In 1982 International Minerals and Chemical Corporation sold a portion of its explosives business to Trojan Corporation and in 1986 Trojan was acquired by Ensign Bickford.
BDG-13_FAI-4-5	Building	PETN, TNT, cast boosters/primers, cyclotol, HBX, octol, PBX, RDX wax, TEI Cord, nitramon, composition B (approximately 60% RDX and 40% TNT), composition H-6, composition A-5, HMX	1/1/1986	10/1/2003	Ensign Bickford	Possible storage; International Minerals and Chemical Corporation was previously known as Commercial Solvents Corporation. In 1982 International Minerals and Chemical Corporation sold a portion of its explosives business to Trojan Corporation and in 1986 Trojan was acquired by Ensign Bickford.
BDG-13_FAI-4-5	Building		1/1/1963	1/1/1981	Commercial Solvents Corporation	Possible storage of explosives
BDG-13_FAI-4-5	Building		1/1/1960	1/1/1963	Olin	Storage of explosives

Name *Building_FAI-4-6*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-13_FAI-4-6	Building		1/1/1963	1/1/1981	Commercial Solvents Corporation	Possible storage of explosives
BDG-13_FAI-4-6	Building		1/1/1960	1/1/1963	Olin	Storage of explosives
BDG-13_FAI-4-6	Building	PETN, TNT, cast boosters/primers, cyclotol, HBX, octol, PBX, RDX wax, TEI Cord, nitramon, composition B (approximately 60% RDX and 40% TNT), composition H-6, composition A-5, HMX	1/1/1986	10/1/2003	Ensign Bickford	Possible storage; International Minerals and Chemical Corporation was previously known as Commercial Solvents Corporation. In 1982 International Minerals and Chemical Corporation sold a portion of its explosives business to Trojan Corporation and in 1986 Trojan was acquired by Ensign Bickford.
BDG-13_FAI-4-6	Building	PETN, TNT, cast boosters/primers, cyclotol, HBX, octol, PBX, RDX wax, TEI Cord, nitramon, composition B (approximately 60% RDX and 40% TNT), composition H-6, composition A-5, HMX	1/1/1981	1/1/1982	International Minerals and Chemical Corporati	Possible storage; International Minerals and Chemical Corporation was previously known as Commercial Solvents Corporation. In 1982 International Minerals and Chemical Corporation sold a portion of its explosives business to Trojan Corporation and in 1986 Trojan was acquired by Ensign Bickford.
BDG-13_FAI-4-6	Building	PETN, TNT, cast boosters/primers, cyclotol, HBX, octol, PBX, RDX wax, TEI Cord, nitramon, composition B (approximately 60% RDX and 40% TNT), composition H-6, composition A-5, HMX	1/1/1982	1/1/1986	Trojan Corporation	Possible storage; International Minerals and Chemical Corporation was previously known as Commercial Solvents Corporation. In 1982 International Minerals and Chemical Corporation sold a portion of its explosives business to Trojan Corporation and in 1986 Trojan was acquired by Ensign Bickford.
BDG-13_FAI-4-6	Building		1/1/1942	1/1/1945	SWDC	Storage of finished ammunition

Name *Building_FAI-4-7*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-13_FAI-4-7	Building		1/1/1963	1/1/1981	Commercial Solvents Corporation	Possible storage of explosives
BDG-13_FAI-4-7	Building	PETN, TNT, cast boosters/primers, cyclotol, HBX, octol, PBX, RDX wax, TEI Cord, nitramon, composition B (approximately 60% RDX and 40% TNT), composition H-6, composition A-5, HMX	1/1/1986	10/1/2003	Ensign Bickford	Possible storage; International Minerals and Chemical Corporation was previously known as Commercial Solvents Corporation. In 1982 International Minerals and Chemical Corporation sold a portion of its explosives business to Trojan Corporation and in 1986 Trojan was acquired by Ensign Bickford.
BDG-13_FAI-4-7	Building	PETN, TNT, cast boosters/primers, cyclotol, HBX, octol, PBX, RDX wax, TEI Cord, nitramon, composition B (approximately 60% RDX and 40% TNT), composition H-6, composition A-5, HMX	1/1/1982	1/1/1986	Trojan Corporation	Possible storage; International Minerals and Chemical Corporation was previously known as Commercial Solvents Corporation. In 1982 International Minerals and Chemical Corporation sold a portion of its explosives business to Trojan Corporation and in 1986 Trojan was acquired by Ensign Bickford.
BDG-13_FAI-4-7	Building	PETN, TNT, cast boosters/primers, cyclotol, HBX, octol, PBX, RDX wax, TEI Cord, nitramon, composition B (approximately 60% RDX and 40% TNT), composition H-6, composition A-5, HMX	1/1/1981	1/1/1982	International Minerals and Chemical Corporati	Possible storage; International Minerals and Chemical Corporation was previously known as Commercial Solvents Corporation. In 1982 International Minerals and Chemical Corporation sold a portion of its explosives business to Trojan Corporation and in 1986 Trojan was acquired by Ensign Bickford.
BDG-13_FAI-4-7	Building		1/1/1960	1/1/1963	Olin	Storage of explosives
BDG-13_FAI-4-7	Building		1/1/1942	1/1/1945	SWDC	Storage of finished ammunition

Name *Building_FAI-4-8*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-13_FAI-4-8	Building		1/1/1942	1/1/1945	SWDC	Storage of finished ammunition
BDG-13_FAI-4-8	Building	Composition B (60% RDX and 40% TNT)	1/1/1956	1/1/1997	Olin	Storage of explosives

Name *Building_FAI-4-9*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-13_FAI-4-9	Building		1/1/1942	1/1/1945	SWDC	Storage of finished ammunition
BDG-13_FAI-4-9	Building		1/1/1956	1/1/1997	Olin	Storage of explosives and a dynamite control laboratory

Name *Building_FAI-5-1*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-13_FAI-5-1	Building	PETN, TNT, cast boosters/primers, cyclotol, HBX, octol, PBX, RDX wax, TEI Cord, nitramon, composition B (approximately 60% RDX and 40% TNT), composition H-6, composition A-5, HMX	1/1/1981	1/1/1982	International Minerals and Chemical Corporati	Possible storage; International Minerals and Chemical Corporation was previously known as Commercial Solvents Corporation. In 1982 International Minerals and Chemical Corporation sold a portion of its explosives business to Trojan Corporation and in 1986 Trojan was acquired by Ensign Bickford.
BDG-13_FAI-5-1	Building	PETN, TNT, cast boosters/primers, cyclotol, HBX, octol, PBX, RDX wax, TEI Cord, nitramon, composition B (approximately 60% RDX and 40% TNT), composition H-6, composition A-5, HMX	1/1/1982	1/1/1986	Trojan Corporation	Possible storage; International Minerals and Chemical Corporation was previously known as Commercial Solvents Corporation. In 1982 International Minerals and Chemical Corporation sold a portion of its explosives business to Trojan Corporation and in 1986 Trojan was acquired by Ensign Bickford.
BDG-13_FAI-5-1	Building		1/1/1960	1/1/1963	Olin	Storage of explosives from Olin's solid propellant operations
BDG-13_FAI-5-1	Building		1/1/1942	1/1/1945	SWDC	Storage of finished ammunition
BDG-13_FAI-5-1	Building	PETN, TNT, cast boosters/primers, cyclotol, HBX, octol, PBX, RDX wax, TEI Cord, nitramon, composition B (approximately 60% RDX and 40% TNT), composition H-6, composition A-5, HMX	1/1/1986	10/1/2003	Ensign Bickford	Possible storage; International Minerals and Chemical Corporation was previously known as Commercial Solvents Corporation. In 1982 International Minerals and Chemical Corporation sold a portion of its explosives business to Trojan Corporation and in 1986 Trojan was acquired by Ensign Bickford.
BDG-13_FAI-5-1	Building		1/1/1963	1/1/1981	Commercial Solvents Corporation	Possible storage of explosives

Name *Building_FAI-5-12*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-13_FAI-5-12	Building		1/1/1956	1/1/1997	Olin	Storage of explosives
BDG-13_FAI-5-12	Building		1/1/1942	1/1/1945	SWDC	Storage of finished ammunition

Name *Building_FAI-5-13*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-13_FAI-5-13	Building		1/1/1956	1/1/1997	Olin	Storage of explosives
BDG-13_FAI-5-13	Building		1/1/1942	1/1/1945	SWDC	Storage of finished ammunition

Name *Building_FAI-5-14*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-13_FAI-5-14	Building		1/1/1942	1/1/1945	SWDC	Storage of finished ammunition
BDG-13_FAI-5-14	Building		1/1/1956	1/1/1997	Olin	Storage of explosives

Name *Building_FAI-5-15*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-13_FAI-5-15	Building		1/1/1956	1/1/1997	Olin	Storage of explosives
BDG-13_FAI-5-15	Building		1/1/1942	1/1/1945	SWDC	Storage of finished ammunition

Name *Building_FAI-5-2*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-13_FAI-5-2	Building	PETN, TNT, cast boosters/primers, cyclotol, HBX, octol, PBX, RDX wax, TEI Cord, nitramon, composition B (approximately 60% RDX and 40% TNT), composition H-6, composition A-5, HMX	1/1/1981	1/1/1982	International Minerals and Chemical Corporati	Possible storage; International Minerals and Chemical Corporation was previously known as Commercial Solvents Corporation. In 1982 International Minerals and Chemical Corporation sold a portion of its explosives business to Trojan Corporation and in 1986 Trojan was acquired by Ensign Bickford.
BDG-13_FAI-5-2	Building		1/1/1963	1/1/1981	Commercial Solvents Corporation	Possible storage of explosives
BDG-13_FAI-5-2	Building		1/1/1942	1/1/1945	SWDC	Storage of finished ammunition
BDG-13_FAI-5-2	Building	PETN, TNT, cast boosters/primers, cyclotol, HBX, octol, PBX, RDX wax, TEI Cord, nitramon, composition B (approximately 60% RDX and 40% TNT), composition H-6, composition A-5, HMX	1/1/1982	1/1/1986	Trojan Corporation	Possible storage; International Minerals and Chemical Corporation was previously known as Commercial Solvents Corporation. In 1982 International Minerals and Chemical Corporation sold a portion of its explosives business to Trojan Corporation and in 1986 Trojan was acquired by Ensign Bickford.
BDG-13_FAI-5-2	Building		1/1/1960	1/1/1963	Olin	Storage of explosives
BDG-13_FAI-5-2	Building	PETN, TNT, cast boosters/primers, cyclotol, HBX, octol, PBX, RDX wax, TEI Cord, nitramon, composition B (approximately 60% RDX and 40% TNT), composition H-6, composition A-5, HMX	1/1/1986	10/1/2003	Ensign Bickford	Possible storage; International Minerals and Chemical Corporation was previously known as Commercial Solvents Corporation. In 1982 International Minerals and Chemical Corporation sold a portion of its explosives business to Trojan Corporation and in 1986 Trojan was acquired by Ensign Bickford.

Name *Building_FAI-5-3*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-13_FAI-5-3	Building		1/1/1942	1/1/1945	SWDC	Storage of finished ammunition
BDG-13_FAI-5-3	Building	PETN, TNT, cast boosters/primers, cyclotol, HBX, octol, PBX, RDX wax, TEI Cord, nitramon, composition B (approximately 60% RDX and 40% TNT), composition H-6, composition A-5, HMX	1/1/1981	1/1/1982	International Minerals and Chemical Corporati	Possible storage; International Minerals and Chemical Corporation was previously known as Commercial Solvents Corporation. In 1982 International Minerals and Chemical Corporation sold a portion of its explosives business to Trojan Corporation and in 1986 Trojan was acquired by Ensign Bickford.
BDG-13_FAI-5-3	Building	PETN, TNT, cast boosters/primers, cyclotol, HBX, octol, PBX, RDX wax, TEI Cord, nitramon, composition B (approximately 60% RDX and 40% TNT), composition H-6, composition A-5, HMX	1/1/1982	1/1/1986	Trojan Corporation	Possible storage; International Minerals and Chemical Corporation was previously known as Commercial Solvents Corporation. In 1982 International Minerals and Chemical Corporation sold a portion of its explosives business to Trojan Corporation and in 1986 Trojan was acquired by Ensign Bickford.
BDG-13_FAI-5-3	Building	Explosive R, Explosive D	1/1/1960	1/1/1963	Olin	Storage of explosives
BDG-13_FAI-5-3	Building		1/1/1963	1/1/1981	Commercial Solvents Corporation	Possible storage of explosives
BDG-13_FAI-5-3	Building	PETN, TNT, cast boosters/primers, cyclotol, HBX, octol, PBX, RDX wax, TEI Cord, nitramon, composition B (approximately 60% RDX and 40% TNT), composition H-6, composition A-5, HMX	1/1/1986	10/1/2003	Ensign Bickford	Possible storage; International Minerals and Chemical Corporation was previously known as Commercial Solvents Corporation. In 1982 International Minerals and Chemical Corporation sold a portion of its explosives business to Trojan Corporation and in 1986 Trojan was acquired by Ensign Bickford.

Name *Building_FAI-5-4*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-13_FAI-5-4	Building		1/1/1960	1/1/1963	Olin	Storage of explosives
BDG-13_FAI-5-4	Building		1/1/1942	1/1/1945	SWDC	Storage of finished ammunition
BDG-13_FAI-5-4	Building		1/1/1963	1/1/1981	Commercial Solvents Corporation	Possible storage of explosives
BDG-13_FAI-5-4	Building	PETN, TNT, cast boosters/primers, cyclotol, HBX, octol, PBX, RDX wax, TEI Cord, nitramon, composition B (approximately 60% RDX and 40% TNT), composition H-6, composition A-5, HMX	1/1/1981	1/1/1982	International Minerals and Chemical Corporati	Possible storage; International Minerals and Chemical Corporation was previously known as Commercial Solvents Corporation. In 1982 International Minerals and Chemical Corporation sold a portion of its explosives business to Trojan Corporation and in 1986 Trojan was acquired by Ensign Bickford.
BDG-13_FAI-5-4	Building	PETN, TNT, cast boosters/primers, cyclotol, HBX, octol, PBX, RDX wax, TEI Cord, nitramon, composition B (approximately 60% RDX and 40% TNT), composition H-6, composition A-5, HMX	1/1/1982	1/1/1986	Trojan Corporation	Possible storage; International Minerals and Chemical Corporation was previously known as Commercial Solvents Corporation. In 1982 International Minerals and Chemical Corporation sold a portion of its explosives business to Trojan Corporation and in 1986 Trojan was acquired by Ensign Bickford.
BDG-13_FAI-5-4	Building	PETN, TNT, cast boosters/primers, cyclotol, HBX, octol, PBX, RDX wax, TEI Cord, nitramon, composition B (approximately 60% RDX and 40% TNT), composition H-6, composition A-5, HMX	1/1/1986	10/1/2003	Ensign Bickford	Possible storage; International Minerals and Chemical Corporation was previously known as Commercial Solvents Corporation. In 1982 International Minerals and Chemical Corporation sold a portion of its explosives business to Trojan Corporation and in 1986 Trojan was acquired by Ensign Bickford.

Name *Building_FAI-5-5*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-13_FAI-5-5	Building	PETN, TNT, cast boosters/primers, cyclotol, HBX, octol, PBX, RDX wax, TEI Cord, nitramon, composition B (approximately 60% RDX and 40% TNT), composition H-6, composition A-5, HMX	1/1/1982	1/1/1986	Trojan Corporation	Possible storage; International Minerals and Chemical Corporation was previously known as Commercial Solvents Corporation. In 1982 International Minerals and Chemical Corporation sold a portion of its explosives business to Trojan Corporation and in 1986 Trojan was acquired by Ensign Bickford.
BDG-13_FAI-5-5	Building		1/1/1963	1/1/1981	Commercial Solvents Corporation	Possible storage of explosives
BDG-13_FAI-5-5	Building	PETN, TNT, cast boosters/primers, cyclotol, HBX, octol, PBX, RDX wax, TEI Cord, nitramon, composition B (approximately 60% RDX and 40% TNT), composition H-6, composition A-5, HMX	1/1/1981	1/1/1982	International Minerals and Chemical Corporati	Possible storage; International Minerals and Chemical Corporation was previously known as Commercial Solvents Corporation. In 1982 International Minerals and Chemical Corporation sold a portion of its explosives business to Trojan Corporation and in 1986 Trojan was acquired by Ensign Bickford.
BDG-13_FAI-5-5	Building	PETN, TNT, cast boosters/primers, cyclotol, HBX, octol, PBX, RDX wax, TEI Cord, nitramon, composition B (approximately 60% RDX and 40% TNT), composition H-6, composition A-5, HMX	1/1/1986	10/1/2003	Ensign Bickford	Possible storage; International Minerals and Chemical Corporation was previously known as Commercial Solvents Corporation. In 1982 International Minerals and Chemical Corporation sold a portion of its explosives business to Trojan Corporation and in 1986 Trojan was acquired by Ensign Bickford.
BDG-13_FAI-5-5	Building		1/1/1942	1/1/1945	SWDC	Storage of finished ammunition
BDG-13_FAI-5-5	Building		1/1/1960	1/1/1963	Olin	Storage of explosives

Name *Building_FAI-5-6*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-13_FAI-5-6	Building	PETN, TNT, cast boosters/primers, cyclotol, HBX, octol, PBX, RDX wax, TEI Cord, nitramon, composition B (approximately 60% RDX and 40% TNT), composition H-6, composition A-5, HMX	1/1/1986	10/1/2003	Ensign Bickford	Possible storage; International Minerals and Chemical Corporation was previously known as Commercial Solvents Corporation. In 1982 International Minerals and Chemical Corporation sold a portion of its explosives business to Trojan Corporation and in 1986 Trojan was acquired by Ensign Bickford.
BDG-13_FAI-5-6	Building		1/1/1963	1/1/1981	Commercial Solvents Corporation	Possible storage of explosives
BDG-13_FAI-5-6	Building		1/1/1942	1/1/1945	SWDC	Storage of finished ammunition
BDG-13_FAI-5-6	Building	PETN, TNT, cast boosters/primers, cyclotol, HBX, octol, PBX, RDX wax, TEI Cord, nitramon, composition B (approximately 60% RDX and 40% TNT), composition H-6, composition A-5, HMX	1/1/1981	1/1/1982	International Minerals and Chemical Corporati	Possible storage; International Minerals and Chemical Corporation was previously known as Commercial Solvents Corporation. In 1982 International Minerals and Chemical Corporation sold a portion of its explosives business to Trojan Corporation and in 1986 Trojan was acquired by Ensign Bickford.
BDG-13_FAI-5-6	Building	PETN, TNT, cast boosters/primers, cyclotol, HBX, octol, PBX, RDX wax, TEI Cord, nitramon, composition B (approximately 60% RDX and 40% TNT), composition H-6, composition A-5, HMX	1/1/1982	1/1/1986	Trojan Corporation	Possible storage; International Minerals and Chemical Corporation was previously known as Commercial Solvents Corporation. In 1982 International Minerals and Chemical Corporation sold a portion of its explosives business to Trojan Corporation and in 1986 Trojan was acquired by Ensign Bickford.
BDG-13_FAI-5-6	Building		1/1/1960	1/1/1963	Olin	Storage of explosives

Name *Building_FAI-5-7*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-13_FAI-5-7	Building	PETN, TNT, cast boosters/primers, cyclotol, HBX, octol, PBX, RDX wax, TEI Cord, nitramon, composition B (approximately 60% RDX and 40% TNT), composition H-6, composition A-5, HMX	1/1/1981	1/1/1982	International Minerals and Chemical Corporati	Possible storage; International Minerals and Chemical Corporation was previously known as Commercial Solvents Corporation. In 1982 International Minerals and Chemical Corporation sold a portion of its explosives business to Trojan Corporation and in 1986 Trojan was acquired by Ensign Bickford.
BDG-13_FAI-5-7	Building		1/1/1942	1/1/1945	SWDC	Storage of finished ammunition
BDG-13_FAI-5-7	Building	PETN, TNT, cast boosters/primers, cyclotol, HBX, octol, PBX, RDX wax, TEI Cord, nitramon, composition B (approximately 60% RDX and 40% TNT), composition H-6, composition A-5, HMX	1/1/1986	10/1/2003	Ensign Bickford	Possible storage; International Minerals and Chemical Corporation was previously known as Commercial Solvents Corporation. In 1982 International Minerals and Chemical Corporation sold a portion of its explosives business to Trojan Corporation and in 1986 Trojan was acquired by Ensign Bickford.
BDG-13_FAI-5-7	Building	Rework dynamite, cruciforms rocket powder, orlite rework	1/1/1960	1/1/1963	Olin	Storage of explosives
BDG-13_FAI-5-7	Building	PETN, TNT, cast boosters/primers, cyclotol, HBX, octol, PBX, RDX wax, TEI Cord, nitramon, composition B (approximately 60% RDX and 40% TNT), composition H-6, composition A-5, HMX	1/1/1982	1/1/1986	Trojan Corporation	Possible storage; International Minerals and Chemical Corporation was previously known as Commercial Solvents Corporation. In 1982 International Minerals and Chemical Corporation sold a portion of its explosives business to Trojan Corporation and in 1986 Trojan was acquired by Ensign Bickford.
BDG-13_FAI-5-7	Building		1/1/1963	1/1/1981	Commercial Solvents Corporation	Possible storage of explosives

Name *Building_FAI-5-8*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-13_FAI-5-8	Building		1/1/1963	1/1/1981	Commercial Solvents Corporation	Possible storage of explosives
BDG-13_FAI-5-8	Building		1/1/1960	1/1/1963	Olin	Storage of explosives
BDG-13_FAI-5-8	Building	PETN, TNT, cast boosters/primers, cyclotol, HBX, octol, PBX, RDX wax, TEI Cord, nitramon, composition B (approximately 60% RDX and 40% TNT), composition H-6, composition A-5, HMX	1/1/1981	1/1/1982	International Minerals and Chemical Corporati	Possible storage; International Minerals and Chemical Corporation was previously known as Commercial Solvents Corporation. In 1982 International Minerals and Chemical Corporation sold a portion of its explosives business to Trojan Corporation and in 1986 Trojan was acquired by Ensign Bickford.
BDG-13_FAI-5-8	Building	PETN, TNT, cast boosters/primers, cyclotol, HBX, octol, PBX, RDX wax, TEI Cord, nitramon, composition B (approximately 60% RDX and 40% TNT), composition H-6, composition A-5, HMX	1/1/1982	1/1/1986	Trojan Corporation	Possible storage; International Minerals and Chemical Corporation was previously known as Commercial Solvents Corporation. In 1982 International Minerals and Chemical Corporation sold a portion of its explosives business to Trojan Corporation and in 1986 Trojan was acquired by Ensign Bickford.
BDG-13_FAI-5-8	Building	PETN, TNT, cast boosters/primers, cyclotol, HBX, octol, PBX, RDX wax, TEI Cord, nitramon, composition B (approximately 60% RDX and 40% TNT), composition H-6, composition A-5, HMX	1/1/1986	10/1/2003	Ensign Bickford	Possible storage; International Minerals and Chemical Corporation was previously known as Commercial Solvents Corporation. In 1982 International Minerals and Chemical Corporation sold a portion of its explosives business to Trojan Corporation and in 1986 Trojan was acquired by Ensign Bickford.
BDG-13_FAI-5-8	Building		1/1/1942	1/1/1945	SWDC	Storage of finished ammunition

Name *Building_FAI-6-1*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-13_FAI-6-1	Building	PETN, TNT, cast boosters/primers, cyclotol, HBX, octol, PBX, RDX wax, TEI Cord, nitramon, composition B (approximately 60% RDX and 40% TNT), composition H-6, composition A-5, HMX	1/1/1982	1/1/1986	Trojan Corporation	Possible storage; International Minerals and Chemical Corporation was previously known as Commercial Solvents Corporation. In 1982 International Minerals and Chemical Corporation sold a portion of its explosives business to Trojan Corporation and in 1986 Trojan was acquired by Ensign Bickford.
BDG-13_FAI-6-1	Building	Explosive R, Explosive D	1/1/1959	1/1/1963	Olin	Storage of explosives
BDG-13_FAI-6-1	Building	PETN, TNT, cast boosters/primers, cyclotol, HBX, octol, PBX, RDX wax, TEI Cord, nitramon, composition B (approximately 60% RDX and 40% TNT), composition H-6, composition A-5, HMX	1/1/1986	10/1/2003	Ensign Bickford	Possible storage; International Minerals and Chemical Corporation was previously known as Commercial Solvents Corporation. In 1982 International Minerals and Chemical Corporation sold a portion of its explosives business to Trojan Corporation and in 1986 Trojan was acquired by Ensign Bickford.
BDG-13_FAI-6-1	Building		1/1/1963	1/1/1981	Commercial Solvents Corporation	Possible storage of explosives
BDG-13_FAI-6-1	Building		1/1/1942	1/1/1945	SWDC	Storage of finished ammunition
BDG-13_FAI-6-1	Building	PETN, TNT, cast boosters/primers, cyclotol, HBX, octol, PBX, RDX wax, TEI Cord, nitramon, composition B (approximately 60% RDX and 40% TNT), composition H-6, composition A-5, HMX	1/1/1981	1/1/1982	International Minerals and Chemical Corporati	Possible storage; International Minerals and Chemical Corporation was previously known as Commercial Solvents Corporation. In 1982 International Minerals and Chemical Corporation sold a portion of its explosives business to Trojan Corporation and in 1986 Trojan was acquired by Ensign Bickford.

Name *Building_FAI-6-10*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-13_FAI-6-10	Building		1/1/1942	1/1/1945	SWDC	Storage of finished ammunition
BDG-13_FAI-6-10	Building		1/1/1956	1/1/1997	Olin	Storage of explosives

Name *Building_FAI-6-11*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-13_FAI-6-11	Building		1/1/1942	1/1/1945	SWDC	Storage of finished ammunition
BDG-13_FAI-6-11	Building		1/1/1956	1/1/1997	Olin	Storage of explosives

Name *Building_FAI-6-12*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-13_FAI-6-12	Building		1/1/1942	1/1/1945	SWDC	Storage of finished ammunition
BDG-13_FAI-6-12	Building		1/1/1956	1/1/1997	Olin	Storage of explosives

Name *Building_FAI-6-13*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-13_FAI-6-13	Building		1/1/1942	1/1/1945	SWDC	Storage of finished ammunition
BDG-13_FAI-6-13	Building		1/1/1956	1/1/1997	Olin	Storage of explosives: Sales magazine (caps and fuses)

Name *Building_FAI-6-14*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-13_FAI-6-14	Building		1/1/1942	1/1/1945	SWDC	Storage of finished ammunition
BDG-13_FAI-6-14	Building		1/1/1956	1/1/1997	Olin	Storage of explosives: Sales magazine (super prime and primacord), hazardous waste

Name *Building_FAI-6-2*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-13_FAI-6-2	Building		1/1/1942	1/1/1945	SWDC	Storage of finished ammunition
BDG-13_FAI-6-2	Building	PETN, TNT, cast boosters/primers, cyclotol, HBX, octol, PBX, RDX wax, TEI Cord, nitramon, composition B (approximately 60% RDX and 40% TNT), composition H-6, composition A-5, HMX	1/1/1986	10/1/2003	Ensign Bickford	Possible storage; International Minerals and Chemical Corporation was previously known as Commercial Solvents Corporation. In 1982 International Minerals and Chemical Corporation sold a portion of its explosives business to Trojan Corporation and in 1986 Trojan was acquired by Ensign Bickford.
BDG-13_FAI-6-2	Building		1/1/1959	1/1/1963	Olin	Nitrocotton storage
BDG-13_FAI-6-2	Building	PETN, TNT, cast boosters/primers, cyclotol, HBX, octol, PBX, RDX wax, TEI Cord, nitramon, composition B (approximately 60% RDX and 40% TNT), composition H-6, composition A-5, HMX	1/1/1981	1/1/1982	International Minerals and Chemical Corporati	Possible storage; International Minerals and Chemical Corporation was previously known as Commercial Solvents Corporation. In 1982 International Minerals and Chemical Corporation sold a portion of its explosives business to Trojan Corporation and in 1986 Trojan was acquired by Ensign Bickford.
BDG-13_FAI-6-2	Building	PETN, TNT, cast boosters/primers, cyclotol, HBX, octol, PBX, RDX wax, TEI Cord, nitramon, composition B (approximately 60% RDX and 40% TNT), composition H-6, composition A-5, HMX	1/1/1982	1/1/1986	Trojan Corporation	Possible storage; International Minerals and Chemical Corporation was previously known as Commercial Solvents Corporation. In 1982 International Minerals and Chemical Corporation sold a portion of its explosives business to Trojan Corporation and in 1986 Trojan was acquired by Ensign Bickford.
BDG-13_FAI-6-2	Building		1/1/1963	1/1/1981	Commercial Solvents Corporation	Possible storage of explosives

Name *Building_FAI-6-3*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-13_FAI-6-3	Building		1/1/1959	1/1/1963	Olin	Storage of explosives
BDG-13_FAI-6-3	Building		1/1/1963	1/1/1981	Commercial Solvents Corporation	Possible storage of explosives
BDG-13_FAI-6-3	Building	PETN, TNT, cast boosters/primers, cyclotol, HBX, octol, PBX, RDX wax, TEI Cord, nitramon, composition B (approximately 60% RDX and 40% TNT), composition H-6, composition A-5, HMX	1/1/1986	10/1/2003	Ensign Bickford	Possible storage; International Minerals and Chemical Corporation was previously known as Commercial Solvents Corporation. In 1982 International Minerals and Chemical Corporation sold a portion of its explosives business to Trojan Corporation and in 1986 Trojan was acquired by Ensign Bickford.
BDG-13_FAI-6-3	Building	PETN, TNT, cast boosters/primers, cyclotol, HBX, octol, PBX, RDX wax, TEI Cord, nitramon, composition B (approximately 60% RDX and 40% TNT), composition H-6, composition A-5, HMX	1/1/1981	1/1/1982	International Minerals and Chemical Corporati	Possible storage; International Minerals and Chemical Corporation was previously known as Commercial Solvents Corporation. In 1982 International Minerals and Chemical Corporation sold a portion of its explosives business to Trojan Corporation and in 1986 Trojan was acquired by Ensign Bickford.
BDG-13_FAI-6-3	Building		1/1/1942	1/1/1945	SWDC	Storage of finished ammunition
BDG-13_FAI-6-3	Building	PETN, TNT, cast boosters/primers, cyclotol, HBX, octol, PBX, RDX wax, TEI Cord, nitramon, composition B (approximately 60% RDX and 40% TNT), composition H-6, composition A-5, HMX	1/1/1982	1/1/1986	Trojan Corporation	Possible storage; International Minerals and Chemical Corporation was previously known as Commercial Solvents Corporation. In 1982 International Minerals and Chemical Corporation sold a portion of its explosives business to Trojan Corporation and in 1986 Trojan was acquired by Ensign Bickford.

Name *Building_FAI-6-5*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-13_FAI-6-5	Building	OMX-51A slurry, seismograph F.C., dynamite	1/1/1959	1/1/1963	Olin	Storage of explosives
BDG-13_FAI-6-5	Building	PETN, TNT, cast boosters/primers, cyclotol, HBX, octol, PBX, RDX wax, TEI Cord, nitramon, composition B (approximately 60% RDX and 40% TNT), composition H-6, composition A-5, HMX	1/1/1986	10/1/2003	Ensign Bickford	Possible storage; International Minerals and Chemical Corporation was previously known as Commercial Solvents Corporation. In 1982 International Minerals and Chemical Corporation sold a portion of its explosives business to Trojan Corporation and in 1986 Trojan was acquired by Ensign Bickford.
BDG-13_FAI-6-5	Building	PETN, TNT, cast boosters/primers, cyclotol, HBX, octol, PBX, RDX wax, TEI Cord, nitramon, composition B (approximately 60% RDX and 40% TNT), composition H-6, composition A-5, HMX	1/1/1981	1/1/1982	International Minerals and Chemical Corporati	Possible storage; International Minerals and Chemical Corporation was previously known as Commercial Solvents Corporation. In 1982 International Minerals and Chemical Corporation sold a portion of its explosives business to Trojan Corporation and in 1986 Trojan was acquired by Ensign Bickford.
BDG-13_FAI-6-5	Building	PETN, TNT, cast boosters/primers, cyclotol, HBX, octol, PBX, RDX wax, TEI Cord, nitramon, composition B (approximately 60% RDX and 40% TNT), composition H-6, composition A-5, HMX	1/1/1982	1/1/1986	Trojan Corporation	Possible storage; International Minerals and Chemical Corporation was previously known as Commercial Solvents Corporation. In 1982 International Minerals and Chemical Corporation sold a portion of its explosives business to Trojan Corporation and in 1986 Trojan was acquired by Ensign Bickford.
BDG-13_FAI-6-5	Building		1/1/1963	1/1/1981	Commercial Solvents Corporation	Possible storage of explosives
BDG-13_FAI-6-5	Building		1/1/1942	1/1/1945	SWDC	Storage of finished ammunition

Name *Building_FAI-6-6*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-13_FAI-6-6	Building		1/1/1963	1/1/1981	Commercial Solvents Corporation	Possible storage of explosives
BDG-13_FAI-6-6	Building	TNT	1/1/1959	1/1/1963	Olin	Storage of explosives
BDG-13_FAI-6-6	Building	PETN, TNT, cast boosters/primers, cyclotol, HBX, octol, PBX, RDX wax, TEI Cord, nitramon, composition B (approximately 60% RDX and 40% TNT), composition H-6, composition A-5, HMX	1/1/1981	1/1/1982	International Minerals and Chemical Corporati	Possible storage; International Minerals and Chemical Corporation was previously known as Commercial Solvents Corporation. In 1982 International Minerals and Chemical Corporation sold a portion of its explosives business to Trojan Corporation and in 1986 Trojan was acquired by Ensign Bickford.
BDG-13_FAI-6-6	Building	PETN, TNT, cast boosters/primers, cyclotol, HBX, octol, PBX, RDX wax, TEI Cord, nitramon, composition B (approximately 60% RDX and 40% TNT), composition H-6, composition A-5, HMX	1/1/1986	10/1/2003	Ensign Bickford	Possible storage; International Minerals and Chemical Corporation was previously known as Commercial Solvents Corporation. In 1982 International Minerals and Chemical Corporation sold a portion of its explosives business to Trojan Corporation and in 1986 Trojan was acquired by Ensign Bickford.
BDG-13_FAI-6-6	Building	PETN, TNT, cast boosters/primers, cyclotol, HBX, octol, PBX, RDX wax, TEI Cord, nitramon, composition B (approximately 60% RDX and 40% TNT), composition H-6, composition A-5, HMX	1/1/1982	1/1/1986	Trojan Corporation	Possible storage; International Minerals and Chemical Corporation was previously known as Commercial Solvents Corporation. In 1982 International Minerals and Chemical Corporation sold a portion of its explosives business to Trojan Corporation and in 1986 Trojan was acquired by Ensign Bickford.
BDG-13_FAI-6-6	Building		1/1/1942	1/1/1945	SWDC	Storage of finished ammunition

Name *Building_FAI-6-7*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-13_FAI-6-7	Building	TNT	1/1/1959	1/1/1963	Olin	Storage of explosives
BDG-13_FAI-6-7	Building	PETN, TNT, cast boosters/primers, cyclotol, HBX, octol, PBX, RDX wax, TEI Cord, nitramon, composition B (approximately 60% RDX and 40% TNT), composition H-6, composition A-5, HMX	1/1/1986	10/1/2003	Ensign Bickford	Possible storage; International Minerals and Chemical Corporation was previously known as Commercial Solvents Corporation. In 1982 International Minerals and Chemical Corporation sold a portion of its explosives business to Trojan Corporation and in 1986 Trojan was acquired by Ensign Bickford.
BDG-13_FAI-6-7	Building	PETN, TNT, cast boosters/primers, cyclotol, HBX, octol, PBX, RDX wax, TEI Cord, nitramon, composition B (approximately 60% RDX and 40% TNT), composition H-6, composition A-5, HMX	1/1/1981	1/1/1982	International Minerals and Chemical Corporati	Possible storage; International Minerals and Chemical Corporation was previously known as Commercial Solvents Corporation. In 1982 International Minerals and Chemical Corporation sold a portion of its explosives business to Trojan Corporation and in 1986 Trojan was acquired by Ensign Bickford.
BDG-13_FAI-6-7	Building		1/1/1942	1/1/1945	SWDC	Storage of finished ammunition
BDG-13_FAI-6-7	Building		1/1/1963	1/1/1981	Commercial Solvents Corporation	Possible storage of explosives
BDG-13_FAI-6-7	Building	PETN, TNT, cast boosters/primers, cyclotol, HBX, octol, PBX, RDX wax, TEI Cord, nitramon, composition B (approximately 60% RDX and 40% TNT), composition H-6, composition A-5, HMX	1/1/1982	1/1/1986	Trojan Corporation	Possible storage; International Minerals and Chemical Corporation was previously known as Commercial Solvents Corporation. In 1982 International Minerals and Chemical Corporation sold a portion of its explosives business to Trojan Corporation and in 1986 Trojan was acquired by Ensign Bickford.

Name *Building_FAI-6-8*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-13_FAI-6-8	Building		1/1/1956	1/1/1997	Olin	Storage of explosives
BDG-13_FAI-6-8	Building		1/1/1942	1/1/1945	SWDC	Storage of finished ammunition

Name *Building_FAI-6-9*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-13_FAI-6-9	Building		1/1/1942	1/1/1945	SWDC	Storage of finished ammunition
BDG-13_FAI-6-9	Building		1/1/1956	1/1/1997	Olin	Storage of explosives

Name *Building_FAI-7-1*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-13_FAI-7-1	Building	PETN, TNT, cast boosters/primers, cyclotol, HBX, octol, PBX, RDX wax, TEI Cord, nitramon, composition B (approximately 60% RDX and 40% TNT), composition H-6, composition A-5, HMX	1/1/1986	10/1/2003	Ensign Bickford	Possible storage; International Minerals and Chemical Corporation was previously known as Commercial Solvents Corporation. In 1982 International Minerals and Chemical Corporation sold a portion of its explosives business to Trojan Corporation and in 1986 Trojan was acquired by Ensign Bickford.
BDG-13_FAI-7-1	Building		1/1/1942	1/1/1945	SWDC	Storage of finished ammunition
BDG-13_FAI-7-1	Building		1/1/1963	1/1/1981	Commercial Solvents Corporation	Possible storage of explosives
BDG-13_FAI-7-1	Building		1/1/1960	1/1/1963	Olin	Storage of explosives
BDG-13_FAI-7-1	Building	PETN, TNT, cast boosters/primers, cyclotol, HBX, octol, PBX, RDX wax, TEI Cord, nitramon, composition B (approximately 60% RDX and 40% TNT), composition H-6, composition A-5, HMX	1/1/1982	1/1/1986	Trojan Corporation	Possible storage; International Minerals and Chemical Corporation was previously known as Commercial Solvents Corporation. In 1982 International Minerals and Chemical Corporation sold a portion of its explosives business to Trojan Corporation and in 1986 Trojan was acquired by Ensign Bickford.
BDG-13_FAI-7-1	Building	PETN, TNT, cast boosters/primers, cyclotol, HBX, octol, PBX, RDX wax, TEI Cord, nitramon, composition B (approximately 60% RDX and 40% TNT), composition H-6, composition A-5, HMX	1/1/1981	1/1/1982	International Minerals and Chemical Corporati	Possible storage; International Minerals and Chemical Corporation was previously known as Commercial Solvents Corporation. In 1982 International Minerals and Chemical Corporation sold a portion of its explosives business to Trojan Corporation and in 1986 Trojan was acquired by Ensign Bickford.

Name *Building_FAI-7-12*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-13_FAI-7-12	Building		1/1/1956	1/1/1997	Olin	Storage of explosives
BDG-13_FAI-7-12	Building		1/1/1942	1/1/1945	SWDC	Storage of finished ammunition

Name *Building_FAI-7-2*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-13_FAI-7-2	Building		1/1/1963	1/1/1981	Commercial Solvents Corporation	Possible storage of explosives
BDG-13_FAI-7-2	Building	PETN, TNT, cast boosters/primers, cyclotol, HBX, octol, PBX, RDX wax, TEI Cord, nitramon, composition B (approximately 60% RDX and 40% TNT), composition H-6, composition A-5, HMX	1/1/1982	1/1/1986	Trojan Corporation	Possible storage; International Minerals and Chemical Corporation was previously known as Commercial Solvents Corporation. In 1982 International Minerals and Chemical Corporation sold a portion of its explosives business to Trojan Corporation and in 1986 Trojan was acquired by Ensign Bickford.
BDG-13_FAI-7-2	Building	PETN, TNT, cast boosters/primers, cyclotol, HBX, octol, PBX, RDX wax, TEI Cord, nitramon, composition B (approximately 60% RDX and 40% TNT), composition H-6, composition A-5, HMX	1/1/1981	1/1/1982	International Minerals and Chemical Corporati	Possible storage; International Minerals and Chemical Corporation was previously known as Commercial Solvents Corporation. In 1982 International Minerals and Chemical Corporation sold a portion of its explosives business to Trojan Corporation and in 1986 Trojan was acquired by Ensign Bickford.
BDG-13_FAI-7-2	Building	Composition B (60% RDX and 40% TNT)	1/1/1960	1/1/1963	Olin	Storage of explosives
BDG-13_FAI-7-2	Building		1/1/1942	1/1/1945	SWDC	Storage of finished ammunition
BDG-13_FAI-7-2	Building	PETN, TNT, cast boosters/primers, cyclotol, HBX, octol, PBX, RDX wax, TEI Cord, nitramon, composition B (approximately 60% RDX and 40% TNT), composition H-6, composition A-5, HMX	1/1/1986	10/1/2003	Ensign Bickford	Possible storage; International Minerals and Chemical Corporation was previously known as Commercial Solvents Corporation. In 1982 International Minerals and Chemical Corporation sold a portion of its explosives business to Trojan Corporation and in 1986 Trojan was acquired by Ensign Bickford.

Name *Building_FAI-7-3*

Alias	*Type*	*chemicals*	*MinDate*	*MaxDate*	*Opr_Own*	*Activity*
BDG-13_FAI-7-3	Building	Composition B (60% RDX and 40% TNT)	1/1/1959	1/1/1963	Olin	Storage of explosives
BDG-13_FAI-7-3	Building	PETN, TNT, cast boosters/primers, cyclotol, HBX, octol, PBX, RDX wax, TEI Cord, nitramon, composition B (approximately 60% RDX and 40% TNT), composition H-6, composition A-5, HMX	1/1/1981	1/1/1982	International Minerals and Chemical Corporati	Possible storage; International Minerals and Chemical Corporation was previously known as Commercial Solvents Corporation. In 1982 International Minerals and Chemical Corporation sold a portion of its explosives business to Trojan Corporation and in 1986 Trojan was acquired by Ensign Bickford.
BDG-13_FAI-7-3	Building		1/1/1942	1/1/1945	SWDC	Storage of finished ammunition
BDG-13_FAI-7-3	Building	PETN, TNT, cast boosters/primers, cyclotol, HBX, octol, PBX, RDX wax, TEI Cord, nitramon, composition B (approximately 60% RDX and 40% TNT), composition H-6, composition A-5, HMX	1/1/1986	10/1/2003	Ensign Bickford	Possible storage; International Minerals and Chemical Corporation was previously known as Commercial Solvents Corporation. In 1982 International Minerals and Chemical Corporation sold a portion of its explosives business to Trojan Corporation and in 1986 Trojan was acquired by Ensign Bickford.
BDG-13_FAI-7-3	Building		1/1/1963	1/1/1981	Commercial Solvents Corporation	Possible storage of explosives
BDG-13_FAI-7-3	Building	PETN, TNT, cast boosters/primers, cyclotol, HBX, octol, PBX, RDX wax, TEI Cord, nitramon, composition B (approximately 60% RDX and 40% TNT), composition H-6, composition A-5, HMX	1/1/1982	1/1/1986	Trojan Corporation	Possible storage; International Minerals and Chemical Corporation was previously known as Commercial Solvents Corporation. In 1982 International Minerals and Chemical Corporation sold a portion of its explosives business to Trojan Corporation and in 1986 Trojan was acquired by Ensign Bickford.

Name *Building_FAI-7-4*

Alias	*Type*	*chemicals*	*MinDate*	*MaxDate*	*Opr_Own*	*Activity*
BDG-13_FAI-7-4	Building	PETN, TNT, cast boosters/primers, cyclotol, HBX, octol, PBX, RDX wax, TEI Cord, nitramon, composition B (approximately 60% RDX and 40% TNT), composition H-6, composition A-5, HMX	1/1/1981	1/1/1982	International Minerals and Chemical Corporati	Possible storage; International Minerals and Chemical Corporation was previously known as Commercial Solvents Corporation. In 1982 International Minerals and Chemical Corporation sold a portion of its explosives business to Trojan Corporation and in 1986 Trojan was acquired by Ensign Bickford.
BDG-13_FAI-7-4	Building	PETN, TNT, cast boosters/primers, cyclotol, HBX, octol, PBX, RDX wax, TEI Cord, nitramon, composition B (approximately 60% RDX and 40% TNT), composition H-6, composition A-5, HMX	1/1/1982	1/1/1986	Trojan Corporation	Possible storage; International Minerals and Chemical Corporation was previously known as Commercial Solvents Corporation. In 1982 International Minerals and Chemical Corporation sold a portion of its explosives business to Trojan Corporation and in 1986 Trojan was acquired by Ensign Bickford.
BDG-13_FAI-7-4	Building		1/1/1942	1/1/1945	SWDC	Storage of finished ammunition
BDG-13_FAI-7-4	Building		1/1/1963	1/1/1981	Commercial Solvents Corporation	Possible storage of explosives
BDG-13_FAI-7-4	Building	Composition B (60% RDX and 40% TNT)	1/1/1959	1/1/1963	Olin	Storage of explosives
BDG-13_FAI-7-4	Building	PETN, TNT, cast boosters/primers, cyclotol, HBX, octol, PBX, RDX wax, TEI Cord, nitramon, composition B (approximately 60% RDX and 40% TNT), composition H-6, composition A-5, HMX	1/1/1986	10/1/2003	Ensign Bickford	Possible storage; International Minerals and Chemical Corporation was previously known as Commercial Solvents Corporation. In 1982 International Minerals and Chemical Corporation sold a portion of its explosives business to Trojan Corporation and in 1986 Trojan was acquired by Ensign Bickford.

Name *Building_FAI-7-5*

Alias	*Type*	*chemicals*	*MinDate*	*MaxDate*	*Opr_Own*	*Activity*
BDG-13_FAI-7-5	Building	PETN, TNT, cast boosters/primers, cyclotol, HBX, octol, PBX, RDX wax, TEI Cord, nitramon, composition B (approximately 60% RDX and 40% TNT), composition H-6, composition A-5, HMX	1/1/1981	1/1/1982	International Minerals and Chemical Corporati	Possible storage; International Minerals and Chemical Corporation was previously known as Commercial Solvents Corporation. In 1982 International Minerals and Chemical Corporation sold a portion of its explosives business to Trojan Corporation and in 1986 Trojan was acquired by Ensign Bickford.
BDG-13_FAI-7-5	Building		1/1/1942	1/1/1945	SWDC	Storage of finished ammunition
BDG-13_FAI-7-5	Building	PETN, TNT, cast boosters/primers, cyclotol, HBX, octol, PBX, RDX wax, TEI Cord, nitramon, composition B (approximately 60% RDX and 40% TNT), composition H-6, composition A-5, HMX	1/1/1986	10/1/2003	Ensign Bickford	Possible storage; International Minerals and Chemical Corporation was previously known as Commercial Solvents Corporation. In 1982 International Minerals and Chemical Corporation sold a portion of its explosives business to Trojan Corporation and in 1986 Trojan was acquired by Ensign Bickford.
BDG-13_FAI-7-5	Building	Composition B (60% RDX and 40% TNT)	1/1/1959	1/1/1963	Olin	Storage of explosives
BDG-13_FAI-7-5	Building	PETN, TNT, cast boosters/primers, cyclotol, HBX, octol, PBX, RDX wax, TEI Cord, nitramon, composition B (approximately 60% RDX and 40% TNT), composition H-6, composition A-5, HMX	1/1/1982	1/1/1986	Trojan Corporation	Possible storage; International Minerals and Chemical Corporation was previously known as Commercial Solvents Corporation. In 1982 International Minerals and Chemical Corporation sold a portion of its explosives business to Trojan Corporation and in 1986 Trojan was acquired by Ensign Bickford.
BDG-13_FAI-7-5	Building		1/1/1963	1/1/1981	Commercial Solvents Corporation	Possible storage of explosives

Name *Building_FAI-7-8*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-13_FAI-7-8	Building		1/1/1942	1/1/1945	SWDC	Storage of finished ammunition
BDG-13_FAI-7-8	Building	Composition B (60% RDX and 40% TNT)	1/1/1960	1/1/1963	Olin	Storage of explosives
BDG-13_FAI-7-8	Building	PETN, TNT, cast boosters/primers, cyclotol, HBX, octol, PBX, RDX wax, TEI Cord, nitramon, composition B (approximately 60% RDX and 40% TNT), composition H-6, composition A-5, HMX	1/1/1982	1/1/1986	Trojan Corporation	Possible storage; International Minerals and Chemical Corporation was previously known as Commercial Solvents Corporation. In 1982 International Minerals and Chemical Corporation sold a portion of its explosives business to Trojan Corporation and in 1986 Trojan was acquired by Ensign Bickford.
BDG-13_FAI-7-8	Building		1/1/1963	1/1/1981	Commercial Solvents Corporation	Possible storage of explosives
BDG-13_FAI-7-8	Building	PETN, TNT, cast boosters/primers, cyclotol, HBX, octol, PBX, RDX wax, TEI Cord, nitramon, composition B (approximately 60% RDX and 40% TNT), composition H-6, composition A-5, HMX	1/1/1986	10/1/2003	Ensign Bickford	Possible storage; International Minerals and Chemical Corporation was previously known as Commercial Solvents Corporation. In 1982 International Minerals and Chemical Corporation sold a portion of its explosives business to Trojan Corporation and in 1986 Trojan was acquired by Ensign Bickford.
BDG-13_FAI-7-8	Building	PETN, TNT, cast boosters/primers, cyclotol, HBX, octol, PBX, RDX wax, TEI Cord, nitramon, composition B (approximately 60% RDX and 40% TNT), composition H-6, composition A-5, HMX	1/1/1981	1/1/1982	International Minerals and Chemical Corporati	Possible storage; International Minerals and Chemical Corporation was previously known as Commercial Solvents Corporation. In 1982 International Minerals and Chemical Corporation sold a portion of its explosives business to Trojan Corporation and in 1986 Trojan was acquired by Ensign Bickford.

Name *Building_FAI-7-9*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-13_FAI-7-9	Building	TEDGN, sodium picrate, black powder	1/1/1956	1/1/1997	Olin	Storage of explosives: Sales magazine (salable dynamite); In 1985 this building was used to store TEDGN, sodium picrate, and black powder
BDG-13_FAI-7-9	Building		1/1/1942	1/1/1945	SWDC	Storage of finished ammunition

Name *Building_FAI-8-1*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-13_FAI-8-1	Building		1/1/1942	1/1/1945	SWDC	Storage of finished ammunition

Name *LandfullDump-1*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
LD0062-1	Landfill/Dump				2	

Name *PitLagoon_1*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
PL8-1	Pits/lagoons					A depression in the ground containing the foundation of a former building. The depression also contains debris and a steel culvert.

Name *PitLagoon_2*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
PL0065-2	Pits/lagoons					A depression in the ground containing the foundation of a former building.

Name *LandfillDump_1*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
LD8-1	Landfill/Dump					Under earlier aerial photos, there was some apparent activity in this area. Currently the site contains a danger sign and red brick rubble. This area may have been a test site for the detonation of ordnace during and after World War II.

Name *Area_AUS-0067*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
AR_AUS-0067	MISC					Site was included primarily because of suspect fencing and signage. Might have been used by the Army for detonation of ordanance. During a site investigation a cistern, some construction debris, and some soil mounds were observed on site.

Name *Area_AUS-0069*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
AR_AUS-0069	Dump					Originally described as "dump near south shore of Crab Orchard Lake". The following types of material were observed: culverts, corrugated asbestos sheeting, concrete rubble, clay blocks, bricks, steel scrap, piping, and soil mounds.

Name *Building_A-3-1*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-1_A-3-1	Building		1/1/1948	1/1/1959	Crab Orchard Sportsman's Association	The Crab Orchard Sportsmen's Association used the building as its headquarters from 1948-1959, and hosted an supervised retriever dog trials on the Refuge. The building was razed sometime between 1971 and 1980.
BDG-1_A-3-1	Building		1/1/1942	1/1/1945	SWDC/War Dept	IOP Police and Fire Headquarters or Fire Station No. 1: The site currently consists of a large parking area, four or five building foundations and some debris. Just west of the foundation is another building foundation. This building looked like two sheds in historical aerial photographs. These two sheds were razed sometime between 1943 and 1951. Based on the layout of this foundation and the piping, it is possible that one of these sheds was a former boiler house. Dark-toned ground discoloration was noted in the 1943 aerial photographIt is possible that there was an old fuel oil underground storage tank (UST).

Name *Building_A-3-2*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-1_A-3-2	Building		1/1/1948	1/1/1959	Crab Orchard Sportsman's Association	The Crab Orchard Sportsmen's Association was authorized to construct kennels, dog pens, and fences as were necessary to adequately accommodate the dogs that were entered in or being trained for the field trials. As observed in historical aerial photographs, what were likely the kennels, were constructed sometime between 1951 and 1960, to the west of Building A-3-1. The foundation for these kennels is still present on site and it is located approximately 150 ft west of the former shed(s).

Name *AUS-0002*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
AUS-0002	Building		1/1/1942	1/1/1945	SWDC/War Dept	During the IOP era, this small wastewater treatment plant (WWTP) served the Administration Area (Area 1). The WWTP consisted of a blockhouse with four treatment pits (on the west side of the building) and an assumed underground sewer line to the west emptying into two small lagoons. The blockhouse and the four treatment pits were razed sometime between 1980 and 1993 according to historical aerial photographs. The building debris may be buried on site. The lagoons do not appear to have outlet drains. Solids that were discharged in the wastewater to the two lagoons may have contained some metals and explosives if this WWTP received wastewater from Area 2, as is suspected.

Name *Building_Y-1-1*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BG18-1	Existing Buildin		1/1/1965	1/1/1980	Marion Civil Defense Agency	
BG18-1	Existing Buildin		1/1/1942	1/1/1945	Sherwin Williams Defense Corporation	
BG18-1	Existing Buildin		1/1/1949	1/1/1949	State of Illinois Natural History Survey	
BG18-1	Existing Buildin		10/1/1963	12/1/1963	Commercial Solvents Corporation	
BG18-1	Existing Buildin		3/1/1969	2/1/1971	Trojan - U.S. Powder/Commercial Solvents Co	
BG18-1	Existing Buildin		1/1/1980	1/1/1990	Emergency Service and Disaster Agency	
BG18-1	Existing Buildin		1/1/1958	9/1/1963	Olin	

Name *Building_Y-1-2*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BG18-2	Existing Buildin		3/1/1969	2/1/1971	Trojan - U.S. Powder/Commercial Solvents Co	
BG18-2	Existing Buildin		1/1/1949	1/1/1949	State of Illinois Natural History Survey	
BG18-2	Existing Buildin		1/1/1980	1/1/1990	Emergency Service and Disaster Agency	
BG18-2	Existing Buildin		1/1/1942	1/1/1945	Sherwin Williams Defense Corporation	
BG18-2	Existing Buildin		1/1/1958	9/1/1963	Olin	

Name *Building_Y-1-3*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BG18-3	Existing Buildin		1/1/1942	1/1/1945	Sherwin Williams Defense Corporation	
BG18-3	Existing Buildin		1/1/1949	1/1/1949	State of Illinois Natural History Survey	
BG18-3	Existing Buildin		3/1/1969	2/1/1971	Trojan - U.S. Powder/Commercial Solvents Co	
BG18-3	Existing Buildin		1/1/1980	1/1/1990	Emergency Service and Disaster Agency	
BG18-3	Existing Buildin		1/1/1958	9/1/1963	Olin	

Name *Building_Y-1-4*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BG18-4	Existing Buildin		1/1/1949	1/1/1949	State of Illinois Natural History Survey	
BG18-4	Existing Buildin		1/1/1958	9/1/1963	Olin	
BG18-4	Existing Buildin		3/1/1969	2/1/1971	Trojan - U.S. Powder/Commercial Solvents Co	
BG18-4	Existing Buildin		1/1/1980	1/1/1990	Emergency Service and Disaster Agency	
BG18-4	Existing Buildin		1/1/1942	1/1/1945	Sherwin Williams Defense Corporation	

Name *Fire_Station_No._4*

Alias	*Type*	*chemicals*	*MinDate*	*MaxDate*	*Opr_Own*	*Activity*
BG43-1	Razed Building		1/1/1942	1/1/1945	Sherwin Williams Defense Corporation	Fire station number 4 contained a coal bin, a boiler room, an office, a toilet (with showers), a locker room, an apparatus room, a work room, and a fireman's room (with 16 bunks). There were two possible sumps located within the footprint of the building--one located on the northwest corner, the other in the former boiler room.

Name *Steel_Stack*

Alias	*Type*	*chemicals*	*MinDate*	*MaxDate*	*Opr_Own*	*Activity*
BG43-2	Razed Building		1/1/1942	1/1/1945	Sherwin Williams Defense Corporation	Steel stack on the west side of the fire station that appears to have been used for burning unknown materials.

Name *FS-1-1*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
FS-60-1-1	Building		1/1/1970		Olin	Olin used these igloos for general storage.
FS-60-1-1	Building	lead azide, mercury fulminate	1/1/1942	1/1/1945	SWDC/War Dept	AUS-0060 is IOP Area 14 – Lead Azide/Mercury Fulminate Storage Igloos. There are four storage igloos on site, each of which likely has a lead-lined floor. There is a 6- by 8-ft concrete pad located just outside each igloo where loading and unloading would occur. An 8-ft chain-link fence surrounds the site.
FS-60-1-1	Building	trinitrotoluene (TNT), tetryl, nitrocellulose, mercury fulminate, lead azide, lead styphnate, explosives	1/1/1956	1/1/1964	UMC	Used to store other compounds including trinitrotoluene (TNT), tetryl, and nitrocellulose. They may have also stored lead azide and/or lead styphnate in these igloos.

Name *FS-1-2*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
FS-60-1-2	Building	lead azide, mercury fulminate	1/1/1942	1/1/1945	SWDC/War Dept	AUS-0060 is IOP Area 14 – Lead Azide/Mercury Fulminate Storage Igloos. There are four storage igloos on site, each of which likely has a lead-lined floor.
FS-60-1-2	Building	trinitrotoluene (TNT), tetryl, nitrocellulose, mercury fulminate, lead azide, lead styphnate, explosives	1/1/1956	1/1/1964	UMC	Used to store other compounds including trinitrotoluene (TNT), tetryl, and nitrocellulose. They may have also stored lead azide and/or lead styphnate in these igloos.
FS-60-1-2	Building		1/1/1970		Olin	Used these igloos for general storage.

Name *FS-1-3*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
FS-60-1-3	Building		1/1/1970		Olin	Assumed to be original guard shack for AUS-0060/Area 14.
FS-60-1-3	Building		1/1/1956	1/1/1964	UMC	Assumed to be original guard shack for AUS-0060/Area 14.
FS-60-1-3	Building		1/1/1942	1/1/1945	SWDC/War Dept	Assumed to be original guard shack for AUS-0060/Area 14.

Name *FS-2-1*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
FS-60-2-1	Building	trinitrotoluene (TNT), tetryl, nitrocellulose, mercury fulminate, lead azide, lead styphnate, explosives	1/1/1956	1/1/1964	UMC	Used to store other compounds including trinitrotoluene (TNT), tetryl, and nitrocellulose. One of the materials stored in this area was mercury fulminate, along with other high explosives and propellants. They may have also stored lead azide and/or lead styphnate in these igloos.
FS-60-2-1	Building		1/1/1970		Olin	Used these igloos for general storage.
FS-60-2-1	Building	lead azide, mercury fulminate	1/1/1942	1/1/1945	SWDC/War Dept	AUS-0060 is IOP Area 14 – Lead Azide/Mercury Fulminate Storage Igloos. There are four storage igloos on site, each of which likely has a lead-lined floor.

Name *FS-2-2*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
FS-60-2-2	Building	blackpowder, M6 propellant, electric squibs	1/1/1970		Wildlife Materials, Inc.	Storage of "2FG, 3FG and 4FG blackpowder, in powder form; M6 propellant (240 mm Howitzer) in solid pellet form; and electric squibs (matches) in solid form with lead wires attached.
FS-60-2-2	Building	lead azide, mercury fulminate	1/1/1942	1/1/1945	SWDC/War Dept	AUS-0060 is IOP Area 14 – Lead Azide/Mercury Fulminate Storage Igloos. There are four storage igloos on site, each of which likely has a lead-lined floor.
FS-60-2-2	Building	trinitrotoluene (TNT), tetryl, nitrocellulose, mercury fulminate, lead azide, lead styphnate, explosives	1/1/1956	1/1/1964	UMC	Used to store other compounds including trinitrotoluene (TNT), tetryl, and nitrocellulose. One of the materials stored in this area was mercury fulminate, along with other high explosives and propellants. They may have also stored lead azide and/or lead styphnate in these igloos.
FS-60-2-2	Building		1/1/1970		Olin	Used these igloos for general storage.

Name *AUS_0061*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
AUS_0061	Building		1/1/1942	1/1/1945	SWDC/War Dept	This site was apparently used during the Illinois Ordnance Plant (IOP) era for testing explosives and disposal. There are three concrete structures on the explosives testing portion of the site. The disposal portion of the site covers about 20 acres and located is adjacent to the PCB Operable Unit (PCB OU) Site 17, the JobCorps Landfill (JCLF). “IOP Detonation and Disposal Area” is not an official IOP designation. The two westernmost structures are probable detonation pits and the easternmost structure is a probable firing pit. These conclusions are based on the layout and configuration of the structures, not on IOP records. The IOP Disposal Area portion of this site was observed in the 1943 historical aerial photographs.

Name *FAM_1-1*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-3_1-1	Building		1/1/1942	1/1/1945	SWDC/War Dept	Stored Ordnance 1946
BDG-3_1-1	Building		1/1/1997		Primex	Cold Storage
BDG-3_1-1	Building		10/15/1970	2/28/1971	Phelps Dodge	Unknown
BDG-3_1-1	Building	ammonium nitrate fertilizer, sulfate of ammonia, urea	3/28/1960	8/31/1968	Monsanto	Stored ammonium nitrate fertilizer, sulfate of ammonia, and urea
BDG-3_1-1	Building	explosives, fuel oil, mineral spirits, fertilizers, explosives, propellents, fuzes, oxidizers, waste ammunition, aluminum dichromate, lead styphnate, zirconium hydride, zirconium metal, acetone, MEK, toluene diamine, TCE, asbestos, aluminum powder, calcium resonate, barium nitrate, potassium perchlorate, magnesium, strontium nitrate, strontium peroxide, potassium nitrate, calcium resinate	3/1/1972	12/31/1996	Olin	Olin used for cold storage, possible chemicals are extensive.

Name *FAM_1-10*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-3_1-10	Building		9/1/1963	8/31/1968	Monsanto	Loading Ramp

Name *FAM_1-2*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-3_1-2	Building		1/1/1997		Primex	Cold Storage
BDG-3_1-2	Building	explosives, fuel oil, mineral spirits, fertilizers, explosives, propellents, fuzes, oxidizers, waste ammunition, aluminum dichromate, lead styphnate, zirconium hydride, zirconium metal, acetone, MEK, toluene diamine, TCE, asbestos, aluminum powder, calcium resonate, barium nitrate, potassium perchlorate, magnesium, strontium nitrate, strontium peroxide, potassium nitrate, calcium resinate	8/1/1961	12/31/1996	Olin	Olin used for cold storage, possible chemicals are extensive.
BDG-3_1-2	Building		1/1/1942	1/1/1945	SWDC/War Dept	Stored Ordnance (1946), has a railroad loading dock.

Name *FAM_1-3*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-3_1-3	Razed Building	Epon 828, Epirez 505, Epirez 510, cure agent, LUU-10/B, explosives, fuel oil, mineral spirits, fertilizers, explosives, propellents, fuzes, oxidizers, waste ammunition, aluminum dichromate, lead styphnate, zirconium hydride, zirconium metal, acetone, MEK, toluene diamine, TCE, asbestos, aluminum powder, calcium resonate, barium nitrate, potassium perchlorate, magnesium, strontium nitrate, strontium peroxide, potassium nitrate, calcium resinate	5/1/1969	12/31/1996	Olin	Stored Epon 828, Epirez 505, Epirez 510 (all three are epoxys); cure agent, asbestos insulation tubes stored here. Fire destroyed building on 7/3/96; with estimated 267,000 pounds propellant (gunpowder) stored inside. Building was a total loss, but no explosions occured. Building materials contained asphalt and asbestos; subsequent sampling of ash on ground identified asbestos; letter says asbestos contractor will be hired to clean up fire site.
BDG-3_1-3	Building		1/1/1942	1/1/1945	SWDC/War Dept	Stored ordnance (1946)
BDG-3_1-3	Building		1/1/1997		Primex	Cold Storage

Name *FAM_1-4*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-3_1-4	Building		1/1/1942	1/1/1945	SWDC/War Dept	Stored Ordnance (1946), has a railroad loading dock.
BDG-3_1-4	Building		1/1/1997		Primex	Cold Storage
BDG-3_1-4	Building	Toluene diamine, explosives, fuel oil, mineral spirits, fertilizers, explosives, propellents, fuzes, oxidizers, waste ammunition, aluminum dichromate, lead styphnate, zirconium hydride, zirconium metal, acetone, MEK, toluene diamine, TCE, asbestos, aluminum powder, calcium resonate, barium nitrate, potassium perchlorate, magnesium, strontium nitrate, strontium peroxide, potassium nitrate, calcium resinate	4/1/1959	12/31/1996	Olin	Olin used for cold storage; stored Toluene diamine. Toluene diamine used as intermediaries for dyes, polyurethanes, and impact-resistent resins.

Name *FAM_1-5*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-3_1-5	Building	explosives, fuel oil, mineral spirits, fertilizers, explosives, propellents, fuzes, oxidizers, waste ammunition, aluminum dichromate, lead styphnate, zirconium hydride, zirconium metal, acetone, MEK, toluene diamine, TCE, asbestos, aluminum powder, calcium resonate, barium nitrate, potassium perchlorate, magnesium, strontium nitrate, strontium peroxide, potassium nitrate, calcium resinate	3/1/1959	12/31/1996	Olin	Olin used for cold storage, possible chemicals are extensive.
BDG-3_1-5	Building		1/1/1942	1/1/1945	SWDC/War Dept	Stored ordnance (1946)
BDG-3_1-5	Building		1/1/1997		Primex	Cold Storage

Name *FAM_1-6*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-3_1-6	Building		1/1/1942	1/1/1945	SWDC/War Dept	Stored ordnance (1946)
BDG-3_1-6	Building		1/1/1997		Primex	Cold Storage
BDG-3_1-6	Building		8/1/1970	4/27/1984	Phelps Dodge	Unknown
BDG-3_1-6	Building	ammonium nitrate fertilizer, sulfate of ammonia, urea	5/12/1959	8/31/1968	Monsanto	Stored ammonium nitrate fertilizer, sulfate of ammonia, and urea
BDG-3_1-6	Building				Olin	General Storage
BDG-3_1-6	Building		4/27/1984	9/30/2000	Cablec Corp.	Unknown

Name *FAM_1-7*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-3_1-7	Building	ammonium nitrate fertilizer, sulfate of ammonia, urea	12/15/1958	8/31/1968	Monsanto	Stored ammonium nitrate fertilizer, sulfate of ammonia, and urea
BDG-3_1-7	Building		1/1/1942	1/1/1945	SWDC/War Dept	Stored Ordnance 1946, has a railroad loading dock.
BDG-3_1-7	Building		1/1/1997		Primex	Cold Storage
BDG-3_1-7	Building	explosives, fuel oil, mineral spirits, fertilizers, explosives, propellents, fuzes, oxidizers, waste ammunition, aluminum dichromate, lead styphnate, zirconium hydride, zirconium metal, acetone, MEK, toluene diamine, TCE, asbestos, aluminum powder, calcium resonate, barium nitrate, potassium perchlorate, magnesium, strontium nitrate, strontium peroxide, potassium nitrate, calcium resinate	1/1/1967	12/31/1996	Olin	Olin used for cold storage, possible chemicals are extensive.

Name *FAM_2-1*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-3_2-1	Building		1/1/1942	1/1/1945	SWDC/War Dept	Stored ordnance (1946)
BDG-3_2-1	Building		1/1/1997		Primex	Cold Storage
BDG-3_2-1	Building				Olin	Olin used former FAM 2-1 pad for storage, empty wood and metal boxes on pad in 1995.
BDG-3_2-1	Building		6/1/1951	1/1/1983	SIUC	Unknown

Name *FAM_2-2*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-3_2-2	Building		1/1/1942	1/1/1945	SWDC/War Dept	Stored ordnance (1946)
BDG-3_2-2	Building		6/1/1951	1/1/1983	SIUC	Unknown
BDG-3_2-2	Building				Olin	Olin used former FAM 2-2 pad for storage

Name *FAM_2-3*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-3_2-3	Building				Olin	Olin used former FAM 2-3 pad for storage
BDG-3_2-3	Building		1/1/1942	1/1/1945	SWDC/War Dept	Stored ordnance (1946)

Name *FAM_2-4*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-3_2-4	Building		11/1/1970	4/30/1978	Diagraph Bradley	Used for boat storage
BDG-3_2-4	Building		12/1/1978	8/31/1979	Turco Mfg	Unknown
BDG-3_2-4	Building		1/1/1997		Primex	Cold Storage
BDG-3_2-4	Building				Olin	General Storage
BDG-3_2-4	Building		1/1/1942	1/1/1945	SWDC/War Dept	Stored ordnance (1946)

Name *FAM_2-5*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-3_2-5	Building	ammonium nitrate, red dye, white dye, explosives, fuel oil, mineral spirits, fertilizers, explosives, propellents, fuzes, oxidizers, waste ammunition, aluminum dichromate, lead styphnate, zirconium hydride, zirconium metal, acetone, MEK, toluene diamine, TCE, asbestos, aluminum powder, calcium resonate, barium nitrate, potassium perchlorate, magnesium, strontium nitrate, strontium peroxide, potassium nitrate, calcium resinate	2/1/1968	12/31/1996	Olin	1 cup of ammonium nitrate spilled on 10/17/83. 27 bags of AN also stored here.
BDG-3_2-5	Building		1/1/1942	1/1/1945	SWDC/War Dept	Stored ordnance (1946)
BDG-3_2-5	Building		1/1/1997		Primex	Cold Storage

Name *FAM_2-6*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-3_2-6	Building	explosives, fuel oil, mineral spirits, fertilizers, explosives, propellents, fuzes, oxidizers, waste ammunition, aluminum dichromate, lead styphnate, zirconium hydride, zirconium metal, acetone, MEK, toluene diamine, TCE, asbestos, aluminum powder, calcium resonate, barium nitrate, potassium perchlorate, magnesium, strontium nitrate, strontium peroxide, potassium nitrate, calcium resinate	2/1/1966	6/30/1976	Olin	Olin used for cold storage, possible chemicals are extensive.
BDG-3_2-6	Building		1/1/1942	1/1/1945	SWDC/War Dept	Stored ordnance (1946)
BDG-3_2-6	Building		7/1/1976	1/1/1980	Turco Mfg	Unknown
BDG-3_2-6	Building		1/1/1997		Primex	Cold Storage

Name *FAM_2-7*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-3_2-7	Building		1/1/1997		Primex	Cold Storage
BDG-3_2-7	Building				USFWS	Unknown
BDG-3_2-7	Building		6/1/1966	7/1/1967	Norge	Unknown
BDG-3_2-7	Building		10/1/1975	9/30/1976	Federal Prison Ind.	Unknown
BDG-3_2-7	Building		1/1/1942	1/1/1945	SWDC/War Dept	Stored ordnance (1946)

Crab Orchard Building Summary *Area: 3*

Name *FAM_3-1*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-3_3-1	Building		6/1/1951	1/1/1983	SIUC	Unknown
BDG-3_3-1	Building				USFWS	USFWS used pad for storage
BDG-3_3-1	Building		1/1/1942	1/1/1945	SWDC/War Dept	Stored ordnance (1946)
BDG-3_3-1	Building				Olin	General Storage

Name *FAM_3-2*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-3_3-2	Building				USFWS	USFWS used pad for storage
BDG-3_3-2	Building		7/1/1974	6/30/1979	East Side Lumber	Storage
BDG-3_3-2	Building				Olin	General Storage
BDG-3_3-2	Building		1/1/1942	1/1/1945	SWDC/War Dept	Stored ordnance (1946)

Name *FAM_3-3*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-3_3-3	Building		8/1/1957	11/30/1965	Norge	Unknown
BDG-3_3-3	Building				USFWS	USFWS used pad for storage
BDG-3_3-3	Building		1/1/1942	1/1/1945	SWDC/War Dept	Stored ordnance (1946)

Name *FAM_3-4*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-3_3-4	Building				USFWS	USFWS used pad for storage
BDG-3_3-4	Building		1/1/1942	1/1/1945	SWDC/War Dept	Stored ordnance (1946)
BDG-3_3-4	Building				Olin	General Storage

Name *FAM_3-5*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-3_3-5	Building			8/31/1951	Sangmo Electric Company	Unknown
BDG-3_3-5	Building				USFWS	USFWS used pad for storage
BDG-3_3-5	Building		1/1/1942	1/1/1945	SWDC/War Dept	Stored ordnance (1946)

Name *FAM_3-6*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-3_3-6	Building			8/31/1951	Sangmo Electric Company	Unknown
BDG-3_3-6	Building				USFWS	USFWS used pad for storage
BDG-3_3-6	Building		1/1/1942	1/1/1945	SWDC/War Dept	Stored ordnance (1946)

Name *FAM_3-7*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-3_3-7	Building		1/1/1942	1/1/1945	SWDC/War Dept	Stored ordnance (1946)
BDG-3_3-7	Building				USFWS	USFWS used pad for storage
BDG-3_3-7	Building			8/31/1951	Sangmo Electric Company	Unknown

Crab Orchard Building Summary *Area: 3*

Name *FAM_4-1*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-3_4-1	Building		1/1/1942	1/1/1945	SWDC/War Dept	Stored ordnance (1946)
BDG-3_4-1	Building		1/1/1997		Primex	Cold Storage
BDG-3_4-1	Building		5/1/1974	1/20/1976	Federal Prison Ind.	Storage of materials
BDG-3_4-1	Building		12/1/1977	4/7/1980	Turco Mfg	Unknown
BDG-3_4-1	Building				USFWS	USFWS used building for storage

Name *FAM_4-2*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-3_4-2	Building				USFWS	USFWS used building for storage
BDG-3_4-2	Building				Olin	General Storage
BDG-3_4-2	Building		1/1/1997		Primex	Cold Storage
BDG-3_4-2	Building		1/1/1942	1/1/1945	SWDC/War Dept	Stored ordnance (1946)

Name *FAM_4-3*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-3_4-3	Building		1/1/1997		Primex	Cold Storage
BDG-3_4-3	Building		3/1/1987		Olin	General Storage
BDG-3_4-3	Building				USFWS	USFWS used pad for storage
BDG-3_4-3	Building		1/1/1942	1/1/1945	SWDC/War Dept	Stored ordnance (1946)

Name *FAM_4-4*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-3_4-4	Building		1/1/1942	1/1/1945	SWDC/War Dept	Stored ordnance (1946)
BDG-3_4-4	Building				USFWS	USFWS used pad for storage
BDG-3_4-4	Building				Olin	Olin stored shredded wood material from ammo boxes 1990s.
BDG-3_4-4	Building		6/1/1951	1/1/1983	SIUC	Unknown

Name *FAM_4-5*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-3_4-5	Building		1/1/1942	1/1/1945	SWDC/War Dept	Stored ordnance (1946)
BDG-3_4-5	Building				USFWS	USFWS used pad for storage
BDG-3_4-5	Building			8/31/1951	Sangmo Electric Company	Unknown

Name *FAM_4-6*

Alias	Type	chemicals	MinDate	MaxDate	Opr_Own	Activity
BDG-3_4-6	Building			8/31/1951	Sangmo Electric Company	Unknown
BDG-3_4-6	Building				USFWS	USFWS used pad for storage
BDG-3_4-6	Building		1/1/1942	1/1/1945	SWDC/War Dept	Stored ordnance (1946)

1.0 DESCRIPTION AND PURPOSE

This Phase I Groundwater Investigation Work Plan Supplement has been developed as a complement to the Draft Final RI/FS Work Plan. It has been prepared as a result of discussions with Agency representatives during 2005. This document's premise acknowledges that much of the existing groundwater data is incomplete, although solvent based groundwater contaminants along with inorganic compounds have been identified in exceedance of regulatory limits at several areas. Consequently, it is anticipated several investigation steps will be required before groundwater characterization is completed.

Section 4.2.3.2 described the approach that will be used to determine which soil constituents should be further investigated in groundwater via the STG pathway. Section 4.2.3.5 described the groundwater data collection approach that will be followed throughout the RI to support the risk assessment and to assess compliance with ARARs. This supplement further defines the procedures that will be followed for groundwater sample collection and data evaluation during Phase I of the RI. It describes the proposed sampling approach at each AUS OU area where groundwater will be further investigated as a result of the initial findings made during the PA/SI.

2.0 PHASE I GROUNDWATER INVESTIGATION METHODOLOGY

Phase I is designed to define lithologic conditions of the overburden from the ground surface to bedrock. This program will be iterative, developed over two stages. Stage 1 will define lithology from the ground surface into the shallow portions of the aquifer (depth ranging from 2 to 20 feet). Stage 2 will investigate the saturated zone to bedrock (from 20 feet to 50 feet below the surface), including an evaluation of vertical flow.

Bedrock hydrogeology and any additional overburden hydrogeology data gaps will be addressed in Phase II. Although some bedrock wells were installed at several of the AUS areas during the PA/SI, it is anticipated these wells will be utilized only during the Phase II effort. The Phase II investigation will not be initiated until the Phase I characterization of the overburden aquifer is complete. However, ongoing monitoring of the overburden aquifer will continue during the Phase II program.

The following section describes the groundwater data collection activities addressed in this work plan supplement related to the following:

- Aquifer classification,
- Groundwater constituent screening for additional investigations,
- Proposed monitoring well installation,
- Proposed soil sampling at CVOC groundwater and STG screening locations,
- Proposed piezometer installation, and

- Proposed groundwater analytical data collection activities.

2.1 Aquifer Classification

Single well hydraulic response tests (slug tests) were conducted on monitoring wells in several of the AUS areas during the PA/SI to aid in determining the appropriate IEPA groundwater classification. Table 5-258 lists the arithmetic mean of the hydraulic conductivity results from the PA/SI and the proposed RI/FS data collection activities for each of the AUS areas based on the results of the previous data collection activities.

Aquifer classification of the overburden aquifer will be part of the Phase I program. Lithologic characterization of the overburden from the surface to the water table will be completed during this initial mobilization. Single well aquifer response tests for all water table wells will also be performed as part of the Stage 1 program. Lithologic characterization for the saturated zone will be completed during Stage 2 by advancing at least one boring to bedrock at each AUS area. Single well aquifer response tests will be performed on the deep Stage 2 piezometers following groundwater sampling on these wells to complete aquifer characterization for the overburden.

2.2 Groundwater Constituent Screening for Additional Investigations

The constituents detected in groundwater during the PA/SI were screened using the groundwater constituent screening approach described in Section 4.2.3.5 to determine which constituents potentially require additional characterization activities. Tables 5-259 through 5-266 summarize the information used to identify which groundwater constituents potentially require additional data collection for each AUS area. These tables list the following for each area:

- The constituents detected in PA/SI groundwater samples,
- The maximum groundwater concentration detected for the constituent,
- The appropriate groundwater screening criteria based on the IEPA aquifer classification, and
- Comments pertaining to the screening.

The detected groundwater constituents that are highlighted in Tables 5-259 through 5-266 require additional investigation, based on the approach presented in RI/FS Workplan Section 4.0. A discussion of proposed sampling as a result of exceedances of the screening criteria is included in Section 2.4 of this supplement. Although this investigation rationale addresses groundwater exceedances, all VOCs detected during the PA/SI will be evaluated. Data developed during this Stage 1 investigation will be combined with the PA/SI data for further characterization during future stages of investigation.

2.3 Proposed Monitoring Wells and Geoprobe/Temporary Well Groundwater Samples

Monitoring wells and geoprobe/temporary well groundwater samples are included in this work plan supplement and will be installed to:

- Collect groundwater data at several other potential release points;
- Determine if groundwater has been impacted by soil constituents exceeding the soil to groundwater screening criteria as discussed in RI/FS Workplan Section 5.3.3, and
- Determine flow conditions for Phase I hydrogeologic characterization at each AUS area.

Monitoring wells and geoprobe/temporary wells proposed for installation are based on the other potential release points as discussed in RI/FS Workplan Section 5.1.3 and the approach outlined in RI/FS Workplan Section 4.0. Monitoring wells installed to investigate other potential release points will be placed at the location most likely impacted from these releases, or in the likely downgradient groundwater flow direction from the release points or series of release points (i.e., buried buildings).

Proposed well and geoprobe/temporary well sample locations are described for each AUS OU area in Section 2.7 of this workplan supplement. Installation procedures for the permanent and geoprobe/temporary wells are included in the Field Sampling Plan.

2.4 Proposed Soil Sampling at CVOC Groundwater and STG Screening Criteria Locations

Soil sampling and analyses will be performed for the appropriate CVOCs and STG screening COCs at all locations where permanent and geoprobe temporary wells will be installed. Samples will be collected at the same intervals (0 – 0.5 feet, 0.5 – 2.0 feet, 2 – 6 feet and 6 – 10 feet) as specified at other soil sampling locations. The same parameters specified for the proposed well will be analyzed for the individual soil samples collected.

2.5 Proposed Groundwater and Surface Water Elevation Data

As discussed in RI/FS Workplan Section 4.2.3.5, piezometers and surface water staff gauges are proposed to be installed to aid in determining the dynamics of groundwater flow in AUS areas 0A2B, 0A2D, 0A2F, 0A2P, 0A11A, 0A11H, 0A11N, 0A11S, and 12 (surface water staff gauges are limited to Area 11). These areas have yielded contaminant levels. The locations of these proposed additional piezometers are shown on the appropriate figures for these areas. Groundwater elevation data will be collected from all monitoring points during both the first and second stage of Phase I proposed groundwater sampling (see Section 2.6 of this workplan supplement).[1] This data will be

[1] Groundwater elevation data will be collected from all accessible wells within the AUS areas, including those installed prior to the PA/SI. Once accessibility to these older wells is determined, they will be properly surveyed and located on the site GIS and all project figures.

collected, to the extent possible, on the same day at each designated sampling area, or if that is not possible within two days during a period of no precipitation. During Phase I, this water level measurement program will occur with the first round of groundwater samples collected at Area 2, and remeasured for each sampling area every six months. Alternatively, the program will be optimized for water levels to be measured during the seasonal high and seasonal low water level regimes.

2.6 Proposed Groundwater Analytical Data Collection Activities

The locations for the existing and proposed monitoring wells in the AUS areas are shown on the proposed sampling program figures (Figures 5-1 through 5-39[2]). All existing PA/SI and proposed RI/FS monitoring wells installed due to potential critical features and STG exceedances will be sampled for the analytes listed in Table 5-256. The complete suite of analytes measured for each compound group noted in the table will be duplicated in the Phase I investigation (where metals are listed, the complete list of metals analyzed for the PA/SI will also be analyzed for this Phase I investigation). Sampling procedures and laboratory analysis methods are discussed in Volume II of the Draft Final RI/FS Work Plan, which includes the FSP and QAPP.

2.7 Phase I Sampling Sequence

The Phase I groundwater investigation will focus on potential critical features. The sampling procedure will be as follows:

- Stage 1 - Install permanent monitoring wells to evaluate potential release areas, primary STG screening data, plus additional wells (for hydraulic data only) for potentiometric surface characterization; collect soil samples for the same COCs as the associated monitoring wells;
- Stage 1 – Install geoprobe/temporary wells to evaluate secondary STG screening data and the horizontal extent of potential solvent contamination;[3] soil samples will be collected following the same protocol as permanent monitoring wells;
- Collect analytical data from all existing and new permanent and temporary wells; includes water quality sampling and analysis, water levels from all wells, piezometers and stream gauges, and slug tests on new wells/piezometers (completion of Stage 1);[4]

[2] AUS areas 0A03, 0018, 0060, and 0062 will not be included in the Phase I groundwater investigations because of a lack of potential impacts measured in the PA/SI. Consequently, figures for these areas do not include proposed groundwater monitoring points.

[3] Permanent monitoring wells will be installed at release points where elevated levels of solvents (VOCs), SVOCs, explosives, pesticides or metals were confirmed in soil samples (primary STG screening), and where historic activities identify likely releases (degreasing operations); geoprobe/temporary monitoring wells will be installed where lower levels of SVOCs, explosives, pesticides or metals (secondary STG screening where exceedance values were measured, but approaching the limit) were confirmed in soil samples, and to evaluate horizontal characterization of VOCs measured at wells installed during the PA/SI.

[4] Stage 1 will include water table wells only; deep monitoring wells/well nests will be included in Stage 2.

- Reach consensus with FWS regarding initial Stage 1 characterization data; formulate and document Stage 2 sampling plan;[5]
- Stage 2 – install permanent monitoring wells at confirmed STG exceedance points; install permanent wells at both horizontal and vertical locations (limited to the overburden aquifer) where confirmed releases are measured; advance at least one boring to bedrock at each AUS area where complete overburden is undefined;
- Stage 2 – collect analytical data from all wells, including newly installed Stage 2 wells; perform slug tests on Stage 2 wells;
- Stage 2 – confirm aquifer characterization of the overburden aquifer (completion of Stage 2 field effort).

Further hydrogeologic characterization and water quality analyses are anticipated for a second Phase RI investigation. The Phase II investigation would follow the formal "data needs" (i.e, data gap) analyses and will include additional well installations (e.g., bedrock wells), pump tests, and multiple rounds of water quality samples.[6] The data developed from both phases of investigation would then be analyzed for the risk assessments prior to preparation of the RI report.

2.8 Phase I Sampling Program by AUS OU Area

The following AUS OU Area descriptions provide the sampling rationale for the Phase I/Stage 1 groundwater monitoring. This narrative describes the location of the proposed monitoring points referenced to existing landmarks (for a few locations with no existing landmarks, references were made to former known structures). Measurements were calculated based upon the Crab Orchard site GIS. Where available, groundwater flow information at each proposed point is also provided. The narrative includes the total number of monitoring wells (existing and proposed permanent wells) at each AUS area that will be part of the Phase I monitoring program. The description also includes the geoprobe/temporary wells proposed for Stage 1 installation and sampling that will either be replaced by a permanent well during Stage 2 or abandoned. A description of the suite of water quality parameters to be analyzed for each individual sample is also provided. The narrative is limited to a discussion of proposed sampling points and the rationale for each. Existing wells, which include wells installed during the PA/SI,[7] will be sampled for those suites of parameters previously identified as COPCs during the PA/SI.

[5] The Stage 2 sampling plan will likely include the installation of permanent monitoring wells at locations where temporary wells installed during Stage 1 identify either STG exceedances or CVOC contamination in groundwater requiring further characterization. This will include investigation in both the vertical and horizontal direction.

[6] The scope of work for the Phase II investigation will be included in the Preliminary Site Characterization Summary. It is assumed that the Phase II groundwater investigation will include additional rounds of sample collection. These will add to the two rounds collected during Phase I to allow adequate time-trend analyses of plume movement. The complete Phase I and Phase II data set will then be used to prepare the risk assessments and draft RI report.

[7] A discussion of existing wells installed during the PA/SI is included in Section 2.1.3.2 of the RI/FS Work Plan. Wells installed prior to the PA/SI determined to be accessible will be used for water levels only.

A list of existing and proposed monitoring wells/temporary wells/piezometers for sampling during this Phase I program is included in Table 5-257. The table also includes the suite of parameters proposed for sampling at each monitoring well. This parameter list was based on the results of the PA/SI. This table also includes an abbreviated version of the discussion included in the following narrative. The compounds and associated concentrations that exceeded the Class I aquifer standards during the PA/SI at each well, along with a brief comment explaining the proposed sampling rationale at each location, is also included in the table.

Following receipt of the data for designated subsections of the 32 Crab Orchard AUS areas, a technical meeting will be held with FWS to discuss the results and reach consensus on an ongoing plan for Stage 2 sampling.[8] The discussions and action plans for each meeting will be documented. Upon completion of the Stage 1 data collection activities, Stage 2 will be initiated. This will include installation of permanent monitoring wells for horizontal and vertical groundwater characterization of the overburden aquifer, lithologic characterization of soils from the water table to the bedrock surface, an additional round of samples collected from all wells, and slug tests performed on the newly installed Stage 2 wells. Following completion of the Stage 2 sampling and analyses program, the Phase I Preliminary Site Characterization Summary Report will be prepared for draft review by FWS. This report will include a Phase II Groundwater Work Plan Supplement Addenda and associated schedule. The plan will propose additional monitoring wells (including bedrock monitoring wells as needed) for further horizontal and vertical groundwater characterization, along with a plan for regular groundwater monitoring.

<u>AUS – 0A2B</u>

Proposed Permanent Wells

Five new permanent monitoring wells will be installed at Area 2B. The total water quality monitoring permanent well network (existing and proposed) will include seven wells. The rationale for each new well placement is as follows:

- Well 0A2B-W04 (W04) will be installed adjacent and downgradient (northwest) from Building B-2-2. This location is approximately 725 feet northwest of existing well W01 across a potential groundwater divide. The well will be installed on the southwest corner of the intersection of the main Area 0A2B access road artery and the Area entrance road. The well will be sampled for VOCs and perchlorate.

[8] The total number of meetings during the Stage 1 program may change; however, at least four meetings will be convened to discuss the results of the data developed for the 32 AUS areas during the Stage 1 program.

- Well W05 will be installed adjacent to Building B-2-13 (north) about 200 feet northwest of existing well W-02 and about 250 feet northeast of existing well W03. Proposed well W05 will be installed to evaluate STG criteria for VOCs and metals at boring 0A2B-021. It is downgradient from W02 which yielded VOC exceedance values. The well will be sampled for VOCs, metals and perchlorate.
- Well W06 will be installed adjacent to Olin Building B-2-15 (west) about 150 feet southeast of existing well W03. It will be installed to evaluate STG screening criteria for VOCs found at boring 0A2B-009. The well will be sampled for VOCs and perchlorate.
- Well W07 will be installed adjacent to IOP Building B-2-9 (south), about 400 feet west of existing well W01. The well will be sampled for VOCs and perchlorate.
- Well W08 will be installed adjacent in the downgradient direction from razed Building B-2-6 (east), about 500 feet north of existing well W01. The well will be sampled for VOCs, as well as STG criteria for metals at boring 0A2B-004.
- Well W11 will be installed adjacent and downgradient from Building B-2-1 (west), in the area of boring 0A2B-012. It will be installed approximately 1,000 feet southwest of existing well W03 and approximately 1,000 feet north-northwest of existing well W01. The well will be sampled for VOCs and perchlorate.

Geoprobe/Temporary Wells

Temporary wells will be installed during Stage 1 to evaluate STG conditions and potential release areas identified during the PA/SI. The following eight wells will be included:

- Well W09 will be installed in the area of boring 0A2B-008, about 850 feet west-southwest of existing well W03. It will be sampled for STG criteria for metals.
- Well W10 will be installed in the area of boring 0A2B-016, approximately 100 feet west-northwest of existing well W01. It will be sampled for STG criteria for metals.
- Wells W12 through W17 are a cluster of wells that will be installed radially surrounding existing well W02 to evaluate horizontal extent for VOCs. These wells will be installed at distances from the well varying from 20 to 60 feet. W02 yielded exceedances of PCE, TCE and cis – 1, 2 DCE.

Proposed Piezometers

Two piezometers will be installed at Area 2B for water level/flow information as follows:

- Piezometer 0A2B-PZ01 (PZ01) will be installed approximately 450 feet northwest (downgradient) of existing well W03, about 110 feet northwest of Building B-2-26.
- Piezometer PZ02 will be installed approximately 440 feet south-southwest (downgradient) of existing well W03, and about 500 feet east-northeast of Building B-2-9. It will be installed along the main access road.

AUS – 0A2D

Proposed Wells

Six new permanent wells will be installed at Area 2D. The network will include 12 permanent wells. The new wells are as follows:

- Well 0A2D-W07 (W07) will be installed about 80 feet south and sidegradient of existing well W03. It will be installed to evaluate STG criteria for metals at boring 0A2D-012. It will also be sampled for VOCs and perchlorate and used with the data from the nearby geoprobe cluster around W07.
- Well W08 will be installed about 140 feet west northwest and downgradient of existing well W06. It will be installed to evaluate STG criteria for SVOCs at boring 0A2D-025. It will be sampled for VOCs, SVOCs, metals, explosives, and perchlorate.
- Well W09 will be installed about 560 feet southeast of existing well W03 and 680 feet east-northeast of existing well W06 (downgradient from both), in the southeast corner of Area 2D. It will be installed to evaluate STG criteria for metals at boring 0A2D-36. It will be sampled for metals and perchlorate.
- Well W10 will be installed north of Building D-1-81, about 250 feet north-northwest of existing well W06 and 170 feet east of existing well W04. This proposed well is sidegradient of W06 and upgradient of W04. It will evaluate STG criteria for SVOCs at boring 0A2D-022. It will be sampled for VOCs, SVOCs, metals, explosives, and perchlorate.
- Well W11 will be installed adjacent to Building 1-90A (east), about 670 feet west and downgradient of existing well W02. It will evaluate STG criteria for metals at boring 0A2D-017. It will be sampled for metals and perchlorate.
- Well W12 will be installed about 550 feet west and downgradient of existing well W04. It will evaluate STG criteria for metals at boring 0A2D-017. It will be sampled for metals and perchlorate.
- Well W14 will be installed downgradient (west) of Building D-1-7. It will be installed approximately 300 feet west-southwest of existing well W01 and about 220 feet west-northwest of existing well W02. It will be sampled for VOCs, perchlorate and STG criteria for explosives.
- Well W15 will be installed downgradient (west) of Building D-1-6. It will be installed approximately 400 feet west-southwest of existing well W01 and about 360 feet west-northwest of existing well W02. It will be sampled for VOCs and perchlorate.
- Well W16 will be installed adjacent and downgradient (west) of Building D-1-35. This well will be installed about 500 feet west-northwest of existing well W01, and sampled for VOCs and perchlorate.

Temporary Wells

Eleven temporary wells will be installed, as follows:

- Well W13 will be installed about 570 feet south of existing well W03, in the area of boring 0A2D-028. It will be sampled for STG criteria for explosives.
- Wells W17 through W21 will be a cluster of temporary wells installed radially surrounding existing well W01 to evaluate horizontal extent for VOCs. The wells will vary in distance from the existing well by 50 to 90 feet. Existing well W01 yielded TCE, cis 1,2-DCE and vinyl chloride.
- Wells W22 through W26 will be installed downgradient (east, north and west) from exiting well W03 at distances varying from 50 to 100 feet. The wells will be analyzed for VOCs. Existing well W03 yielded PCE, TCE, cis 1,2-DCE and vinyl chloride.

Proposed Piezometers

Five piezometers will be installed at Area 2D as follows:

- Piezometer PZ01 will be installed north of the north boundary of the area approximately 550 feet northeast of existing well W01, about 430 feet east of Building D-1-74.
- Piezometer PZ02 will be installed approximately 560 feet northwest of existing well W01, about 175 feet north-northwest of Building D-1-35. It will be installed along the main access road to the area.
- Piezometer PZ03 will be installed approximately 260 feet north of existing well W01, and about 125 feet east-northeast of Building D-1-36 (along the main access road).
- Piezometer PZ04 will be installed about 325 feet northeast of existing well W03, immediately south of Building D-1-91and D-1-65.
- Piezometer PZ05 will be installed approximately 475 feet west-northwest of existing well W02, and 525 feet west of existing well W01. It will be installed along the access road just west of Building D-1-61.

Each of the above piezometers are located downgradient from a groundwater topographic high measured at existing well W02.

AUS – 0A2F

Proposed Wells

Two new permanent wells will be installed at Area 2F, as follows:

- Well W04 will be installed about 800 feet west-southwest of existing well W02. It will evaluate potential releases from historic ASTs that appeared on the 1965 aerial photo. The well will be sampled for VOCs,
- Well W05 will be installed about 570 feet west-southwest of existing well W02. This proposed well is adjacent (south) of Building F-6-45 which reportedly contained a TCE degreaser. The well will be sampled for VOCs.

Temporary Wells

Eight temporary wells will be installed, as follows:

- Wells W06 through W13 will be a cluster of eight geoprobe borings installed radially surrounding existing well 0A2F-W02, at distances varying from 25 to 100 feet. The wells will be sampled for VOCs to evaluate exceedances of TCE and cis-1,2 DCE in well W02.

Proposed Piezometers

Four piezometers will be installed at Area 2F as follows:

- Piezometer PZ01 will be installed approximately 700 feet northwest (downgradient) of existing W01. It will be installed about 100 feet south of Building B-2-19 along an access road to this building.
- Piezometer PZ02 will be installed about 480 feet west (sidegradient) of existing well W01. It will be placed at the intersection of two access roads immediately east of Building F-6-45.
- Piezometer PZ03 will be installed approximately 320 feet north-northeast (downgradient) of existing well W01 along a main access road for the area.
- Piezometer PZ04 will be installed approximately 475 feet south-southwest (downgradient) of existing well W03. This piezometer will be placed along the main area access road just south of Building F-2-1.

AUS – 0A2P

Proposed Wells

One new permanent well will be installed at Area 2P. The network will total seven permanent wells.

- Well W07 will be installed approximately 230 feet southwest of existing well of W05. It will evaluate STG criteria for metals found at boring 0A2P-010. It will also be evaluated for perchlorate and nitrogen as nitrate-nitrate (for all proposed sampling locations, nitrate-nitrate results between 1 and 10 mg/kg will be flagged as uncertainties if the groundwater at the sampled locations meets a Class 1 aquifer designation; for these conditions, further investigation during a future sampling effort will be performed). It is approximately coincident to the same groundwater ridge described at W02 and W03.

Temporary Wells

Ten temporary wells will be installed as follows:

- A widespread cluster of temporary wells (W08 through W017) will be installed around and downgradient from existing wells 0A2P-W02 and -W03 to evaluate horizontal extent of VOCs. The existing wells appear to be located along a groundwater ridge. The locations of the proposed temporary wells vary across the active operations area northwest and southeast (downgradient) from existing wells W02 and W03. Well W03 yielded high levels of TCE. Other chlorinated compounds were also detected. This existing well is located adjacent to Building 0A2P-1-3 that reportedly had a large degreaser.

Proposed Piezometers

Five piezometers will be installed at Area 2P as follows:

- Piezometer PZ01 will be installed approximately 145 feet northwest of existing well W02, and about 225 feet north of existing well W03. Both wells are upgradient from the proposed piezometer. It will be placed along the area access road north of Building P-1-3.
- Piezometer PZ02 will be installed approximately 300 feet west-northwest (downgradient) of existing well W03 along an access road northeast of Building P-1-8.
- Piezometer PZ03 will be installed approximately 185 feet east-southeast of existing well W02 and about 265 feet east-northeast of existing well W03. The

proposed piezometer is located downgradient from both existing wells. It will be placed about 60 feet east of Building P-1-13.

- Piezometer PZ04 will be installed approximately 175 feet southwest of existing well W04 and about 200 feet west-southwest of existing well W06. The proposed piezometer is downgradient from both wells. It will be placed about 90 feet southwest of Building P-1-1.
- Piezometer PZ05 will be installed about 245 feet east-southeast (downgradient) of existing well W06, along the main access road for the area.

AUS - 0A2R

Proposed Wells

One permanent monitoring well is proposed:

- Well W01 will be installed adjacent to boring 0A2R-004. It is approximately 300 feet north of the north end of the off-loading dock area of the former rail spur. It will evaluate STG criteria for PAHs measured in samples from this boring. The well will be sampled for PAHs.

AUS - 0A03

Groundwater sampling is not proposed at Area AUS-0A03 as part of the Phase I investigation.

AUS - 0A4E

Proposed Wells

Two new permanent wells will be installed. The entire Area 0A4E well network will include five wells:

- Well W04 will be installed about 380 feet south-southeast from existing well W02. It will be installed immediately downgradient (north) of Building S 4-4 to evaluate potential oil storage. The well will be sampled for VOCs.
- Well W05 will be installed about 435 feet south-southwest of existing well W02. It will be installed immediately downgradient (north) of Building S 4-5 to evaluate potential oil storage. The well will be sampled for VOCs.

Groundwater flow information at Area 0A4E is based on water level data from the existing wells.

AUS - 0A4W

Proposed Wells

Two new permanent wells will be installed, and comprise the entire Area 0A4W well network:

- Well W01 will be installed about 285 feet west of State Highway 148, and 330 feet south-southwest of Building S-3-3. It will be installed to evaluate STG criteria for metals at boring 0A4W-003. The well will be sampled for metals.
- Well W02 will be installed about 90 feet north of the former Wood Treatment building, and about 80 feet west of Building S-1-1. It will be installed to evaluate downgradient (based on topography) impact from Building S-1-1 (a diesel engine repair facility). The well will be sampled for VOCs.

AUS-0A4E is adjacent to AUS-0A4W; therefore, water level information from these two areas will be combined to interpret groundwater flow information for both areas.

AUS - 0A06

Proposed Wells

Five new permanent wells are proposed for Area 0A06. This will comprise the entire well network:

- Well W01 will be installed adjacent to Igloo HE-5-8. It will evaluate STG criteria for PAHs measured at boring 0A06-016. It will also be sampled for perchlorate.
- Well W02 will be installed adjacent to Igloo HE-2-5. It will evaluate STG criteria for SVOCs at boring 0A06-005. It will also be sampled for perchlorate.
- Well W03 will be installed adjacent to Igloo HE-6-2. It will evaluate STG criteria for SVOCs at boring 0A06-025. It will also be sampled for perchlorate.
- Well W04 will be installed adjacent to Igloo HE-7-10. It will evaluate STG criteria for PAHs at boring 0A06-25. It will also be sampled for perchlorate.
- Well W05 will be installed adjacent to Igloo HE-7-9. It will evaluate STG criteria for explosives at boring 0A06-024. It will also be sampled for perchlorate.

AUS - 0A07

Proposed Wells

Seven new permanent wells will be installed at Area 0A07[9]:

- Well W01 will be installed adjacent to Building IN-1-5 and P-1-13. It will evaluate STG criteria for VOCs and pesticides at boring 0A07-047.
- Well W02 will be installed adjacent to Building IN-1-6. It will evaluate STG criteria for VOCs and pesticides at boring 0A07-002.
- Well W03 will be installed adjacent to Building IN-2-6. It will evaluate STG criteria for VOCs and metals at boring 0A07-010.
- Well W04 will be installed adjacent to Building IN-1-1. It will evaluate STG criteria for VOCs at borings 0A07-027 and 0A07-028.
- Well W05 will be installed between Buildings IN-4-2 and IN-4-3. It will evaluate STG criteria for VOCs at boring 0A07-023.
- Well W06 will be installed adjacent to Building IN-2-1. It will evaluate STG criteria for VOCs at boring 0A07-011.
- Well W07 will be installed adjacent to Building IN-4-1. It will evaluate STG criteria for VOCs at boring 0A07-015.

Temporary Wells

Three temporary wells will be installed as follows:

- Well W08 will be installed adjacent to the northwest corner of Building IN-1-5. It will evaluate STG criteria for pesticides and VOCs at boring 0A07-004.
- Well W09 will be installed adjacent to the southwest corner of Building IN-1-3. It will evaluate STG criteria for pesticides and VOCs at boring 0A07-073.
- Well W10 will be installed adjacent to the southeast corner of Building IN-1-5. It will evaluate STG criteria for pesticides and VOCs at boring 0A07-051.

AUS - 0A8S

Proposed Wells

[9] Please note that because of high pesticide contamination encountered at Area 7 during the PA/SI, particular care will be exercised during decontamination procedures to minimize the potential for cross-contamination during drilling and well-installation.

Four new permanent wells will be added to the network, which will consist of a total of 10 permanent wells:

- Well W07 will be installed approximately 440 feet south (sidegradient) of existing well W01 and 420 feet east-northeast (upgradient) of existing well W02. It will evaluate STG criteria for explosives at boring 0A8S-017. It will also be sampled for perchlorate.
- W08 will be installed about 175 feet south-southwest (downgradient) of existing well W02 and 140 feet southeast (sidegradient) of existing well W03. It will evaluate STG criteria for explosives at boring 0A8S-019. It will also be sampled for perchlorate.
- W09 will be installed about 535 feet northwest (downgradient) of existing well W01. It will evaluate STG criteria for nitrogen and nitrate-nitrite. It will also be sampled for perchlorate.
- W10 will be installed approximately 90 feet west-northwest of the bedrock well nest BDRK-09D ,-09I. It will evaluate STG criteria for explosives at sample 0A8S-032. It will also be sampled for perchlorate.

Temporary Wells

One temporary well will be installed:

- Well W11 will be installed approximately 150 feet south-southeast of existing well W04. It will be used to evaluate STG criteria for explosives at sediment sample 0A8S-032. It will also be sampled for possible perchlorate.

<u>AUS - 0A9W</u>

Proposed Wells

Three new permanent wells will be added to the network. This will bring the total permanent well network to four wells:[10]

- Well W02 will be installed immediately east of existing Building I-1-12, about 30 feet north of existing Building I-1-43. This well will be placed about 540 feet south-southeast (upgradient) from existing well W01. It will evaluate STG criteria for explosives at boring A09-012. It will also be sampled for perchlorate.

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[10] Several other monitoring wells are located within Area 0A9W. These wells were installed as part of an ongoing investigation of the TCE plume associated with the PCB OU. These wells will not be sampled for water quality as part of this Phase I investigation. However, access to these wells for water levels to better refine flow information for the Phase I report (and the planned Phase II investigation) is planned.

- Well W03 will be installed between buildings I-1-11 and I-1-49 east of the main access road. The well be installed about 800 feet south-southeast (upgradient) of existing well W01. It will evaluate STG criteria for explosives at boring A09-015. It will also be sampled for perchlorate.
- Well W04 will be installed immediately east of exist Building I-1-20, about 100 feet south of existing Building I-1-73. This well will be installed approximately 430 feet north-northwest (downgradient) of existing well W01. It will evaluate STG criteria for explosives at boring A09-006. It will also be sampled for perchlorate.

Temporary Wells

Two temporary wells will be installed, as follows:

- Well W05 will be installed about 50 feet east of existing well W01. It will be sampled for VOCs (well W01 yielded TCE during the PA/SI).
- Well W06 will be installed about 50 feet north-northwest of existing well W01. It will be sampled for VOCs.

AUS – 0A10

Proposed Wells

One new permanent well will be installed at Area 10:

- Well W01 will be installed at former Burn Pit 2 east of the existing FWS firing range. It will evaluate STG criteria for VOCs at boring 0A10-002. It will also be sampled for perchlorate.

Temporary Wells

One temporary well will be installed at Area 10:

- Well W02 will be installed at former Burn Pit 4 north of the existing FWS firing range. It will be sampled for STG criteria for metals at boring 0A10-001. It will also be sampled for perchlorate.

AUS - A11A

Proposed Wells

Five new permanent wells will be installed at Area A11A. This will bring the total number of permanent wells in the Area network to seven:

- Well W03 will be installed about 440 feet northeast of existing well W02. It will evaluate STG criteria for metals at boring A11A-030. It will also be sampled for perchlorate.
- Well W04 will be installed along the north boundary of the Area adjacent and downgradient (north) of acid magazine Pond 1. It will evaluate groundwater conditions for a suite of contaminants including explosives, metals, sulfates, and perchlorate.
- Well W05 will be installed about 200 feet northeast of existing well W02. It will evaluate the possible release from former ASTs at an acid storage area. The sample will be evaluated for VOCs, metals and perchlorate.
- Well W06 will be installed about 200 feet south-southwest of existing well W02. It will evaluate the former location of a prill tower and wet end (Olin Building 40 which reportedly engaged in ammonium nitrate production). It will evaluate VOCs, SVOCs, metals, perchlorate and explosives.
- Well W07 will be installed approximately 275 feet north-northeast of existing well W02. It will be placed at the location of former Building 38, a spent acid house. It will be evaluated for VOCs, SVOCs, metals and perchlorate.

Temporary Wells

Three temporary wells will be installed:

- Well W08 will be installed about 200 feet east-southeast of existing well W01. It will evaluate STG criteria for metals at sediment sample A11A-008. It will also be sampled for perchlorate.
- Well W09 will be installed approximately 120 feet south-southeast of well W02. It will evaluate STG criteria for PAHs at sediment sample A11A-036.
- Well W10 will be installed about 320 feet north-northwest of existing well W02. It will evaluate STG criteria for chromium and pentachlorophenol at sediment sample A11A-026. It will also be sampled for the list of SVOCs and metals, and perchlorate.

Proposed Piezometers and Surface Water Staff Gauges

One piezometer and one staff gauge will be installed as follows:

- Piezometer PZ01 will be installed approximately 540 feet north-northwest of existing well W01, and about 940 feet northwest of existing well W02. It will be placed along the northern boundary of Area 11A, downgradient from both existing wells.
- A staff gauge (A11A-SG01) will be placed at acid magazine Pond 1 to monitor surface water levels at the Pond.

<u>AUS - A11H</u>

Proposed Wells

Six new permanent wells will be added to Area A11H, which will bring the total number of permanent wells in the Area to seven:

- Well W02 will be installed approximately 375 feet northeast of existing well W01. It will be installed at the location of the former Building 29 loading dock, part of the buried building complex. It will evaluate STG criteria for explosives at boring A11H-013. It will also be sampled for perchlorate, metals, VOCs and SVOCs.
- Well W03 will be installed approximately 725 feet southeast of existing well W01. It will be installed at the location of the former Building 22 and 22W, part of the buried building complex. It will evaluate STG criteria for metals and SVOCs at boring A11H-053. It will also be sampled for explosives, perchlorate, and VOCs.
- Well W04 will be installed about 880 feet northeast of existing well W01. It will be installed at the location of former Building 24-3 (US Powder designation 24-3; Olin designation 24-C), used for parts cleaning by both US Powder and Olin. It will evaluate STG criteria for metals and VOCs at boring A11H-028. It will also be sampled for explosives, perchlorate and SVOCs.
- Well W05 will be installed about 975 feet southeast of existing well W01 (340 feet east of proposed well W03). It will be installed near Building 17, part of the buried building complex. It will evaluate potential contaminants from this building operation. It will be sampled for explosives, perchlorate, metals, VOCs and SVOCs.
- Well W06 will be installed about 770 feet east southeast of existing well W01 (400 feet north of proposed well W05). It will be installed at former Building 15, part of the buried building complex. It will evaluate potential contaminants from

this building operation. It will be sampled for explosives, perchlorate, metals, VOCs and SVOCs.

- Well W07 will be installed approximately 510 feet northeast of existing well W01 (190 feet north of proposed well W02). It will be installed near the location of Building 24, a dynamite maintenance shop and research and development facility. It will evaluate STG criteria for explosives in sediment sample A11H-022. It will also be sampled for explosives, VOCs, metals, and perchlorate.

Temporary Wells

Six new temporary wells will be added as follows:

- Well W08 will be installed in the northeast lobe of the Area about 1,500 feet north-northeast of existing well W01. It will be installed adjacent to trench water sample A11H-061 to verify concentrations of constituents detected in the trench water sample. It will evaluate explosives, perchlorate, metals, VOCs and SVOCs.
- Well W09 will be installed about 600 feet northeast of W01. It will be installed to evaluate STG criteria for explosives in sediment sample A11H-024. It will also be sampled for perchlorate.
- Well W10 will be installed about 500 feet north-northeast of well W01 along the northern boundary of the Area. It will evaluate STG criteria for SVOCs, explosives, and metals in sediment sample A11H-020. It will also be sampled for perchlorate.
- Well W11 will be installed approximately 525 feet southeast of existing well W01. It will evaluate STG criteria for cadmium in sediment sample A11H-007. It will also be sampled for the other site specific metals.
- Well W12 will be installed approximately 400 feet southeast of existing well W01. It will evaluate STG criteria for explosives in sediment sample A11H-008. It will also be sampled for perchlorate.
- Well W13 will be installed about 850 feet east-southeast of existing well W01. It will evaluate STG criteria for chromium in sediment sample A11H-041. It will also be sampled for the other site metals.

Proposed Staff Gauge

- One proposed staff gauge (A11H-SG01) will be installed at the large pond located along the western boundary of Area 11H. This pond is downgradient from the former industrial activities at both Areas 11 and 12.

<u>AUS - A11N</u>

Proposed Wells

Three new permanent wells are proposed, which will comprise the entire network:

- Well W01 will be installed 570 feet north-northeast of existing well 0A12-W01. It will be installed north (downgradient) from former disposal trenches. It will be sampled for explosives, perchlorate, metals, nitrates, sulfates, VOCs, and SVOCs.
- Well W02 will be installed 900 feet northeast of existing well 0A12-W01 (300 feet northeast of proposed well W01). It will be installed north (downgradient) of former Building 9, a Nitrator operation. It will be sampled for explosives, perchlorate, metals, nitrates, sulfates, VOCs, and SVOCs.
- Well W03 will be installed 885 feet north of existing well 0A12-W01 (335 north-northwest of proposed well W01). It will be installed downgradient of former Building 10, a nitroglycerin storage facility, and associate trenches. It will be sampled for explosives, perchlorate, metals, nitrates, sulfates, VOCs, and SVOCs.

Proposed Piezometers

One piezometer (PZ01) will be installed approximately 1,200 feet northeast (downgradient) of existing well 0A12-W01. It will be installed along a former access road, about 190 feet northeast of former Buildings 9-1 and 9A.

<u>AUS - A11P</u>

Proposed Wells

Three new permanent wells are proposed. The entire Area wide network will consist of four permanent wells:

- Well W02 will be installed 140 feet north-northwest of existing well W01. It will be installed downgradient (northwest) of the Building 85 complex, a powder design and storage operation. It will be sampled for explosives and perchlorate.
- Well W03 will be installed about 550 feet northwest of existing well W01, along the northwest boundary of Area A11P. The final location of this well will be determined based on the results of Phase I soil sampling.
- Well W04 will be installed about 1,000 feet north-northeast of existing well W01, near the northeast corner of Area A11P. The final location of this well will be determined based on the results of Phase I soil sampling.

Temporary Wells

One temporary well will be installed:

- Well W05 will be installed about 600 feet northeast of existing well W01. It will evaluate STG criteria for explosives in sewer line sample A11P-027. It will also be sampled for metals and perchlorate.

AUS – A11S

Proposed Wells

Two new permanent wells are proposed. The entire Area wide permanent well network will consist of six wells:

- Well W05 will be installed approximately 230 feet northwest of existing well W04, and about 200 feet west of W02. It will evaluate STG criteria for explosives in boring A11S-048. It will also be sampled for perchlorate.
- Well W06 will be installed approximately 600 feet south of existing well W04 along the southwest boundary between Area A11S and A11N. It will be installed downgradient from Areas A11H and A11N to evaluate potential plumes from these areas. The well will be sampled for VOCs, explosives and perchlorate.

Temporary Wells

- Well W07 will be installed approximately 150 feet west of existing well W01. It will evaluate STG criteria for cadmium in soil sample A11S-004. It will also be sampled for the other site metals.
- Well W08 will be installed about 700 feet northwest of existing well W01, outside the north Area boundary. It will evaluate STG criteria for metals in sediment sample A11S-044.
- Well W09 will be installed about 370 feet east-northeast of well W03. It will be installed to evaluate STG criteria for SVOCs in sewer line sample A11S-030. It will also be sampled for perchlorate.
- Well W10 will be installed about 65 feet southwest of existing well W03. It will evaluate STG criteria for metals in soil sample A11S-035. It will also be sampled for perchlorate.
- Well W11 will be installed about 100 feet east of existing well W03. It will evaluate STG criteria for metals in soil sample A11S-027.
- Wells W12 through W20 include a cluster of nine will surround existing wells W02 and W04 to characterize horizontal extent for VOCs. Well W02 yielded high levels of TCE indicating potential free-product. Razed buildings that operated from the 1940’s through 1980’s were located near these wells. The samples will be evaluated for TCE and associated daughter products (e.g., cis 1,2-DCE and others).

- Wells W21 through W24 include a cluster of four wells radially surrounding existing well W01 for horizontal extent of VOCs. This well yielded high levels of TCE. The samples will be evaluated for TCE and cis 1, 2-DCE.
- Well W25 will be installed about 220 feet north of existing well W03. It will evaluate STG criteria for metals in soil sample A11S-021.

Proposed Piezometers

Two piezometers will be installed at Area 11S as follows:

- Piezometer PZ01 will be installed approximately 450 feet northeast (downgradient) of existing well W01, along the main access road to Area 11S. It will be placed along the northern boundary of the area.
- Piezometer PZ02 will be installed approximately 575 feet east (downgradient) of existing well W01.

<u>AUS - 0A12</u>

Proposed Wells

Ten new permanent wells will be installed in Area 0A12. This will bring the entire permanent Area well network to 12 wells. Proposed wells are as follows:

- Well W03 will be installed approximately 450 feet northwest of existing well COP4-2, and about 420 feet southeast of COP4-4 (midway between the two wells). It will evaluate STG criteria for chromium in boring 0A12-011. This well will also be sampled for metals, VOCs, explosives, perchlorate, sulfates and nitrate.
- Well W04 will be installed approximately 330 feet southeast of existing well COP4-4. It will evaluate groundwater screening criteria for VOCs and chrysene in trench water sample 0A12-008. It will also be sampled for PAHs, explosives, perchlorate, sulfates and nitrate.
- Well W05 will be installed approximately 300 feet east-northeast of existing well COP4-2. It will evaluate STG criteria for SVOCs at boring 0A12-031. It will also be sampled for explosives, sulfates and nitrate.
- Well W06 will be installed about 110 feet south-southwest of existing well COP4-4. It will evaluate STG criteria for VOCs at boring 0A12-002. It will also be sampled for explosives, perchlorate, sulfates and nitrate.
- Well W07 will be installed on the western flank of Area A12 about 1,200 feet west (downgradient) of existing well COP4-4. It is proposed to be installed about 450 feet southwest of the main east-west access road between Areas 11 and 12. It

will evaluate STG criteria for 2,4-DNT at sediment sample 0A12-080. It will also be analyzed for explosives, perchlorate, sulfates and nitrate.

- Well W08 will be installed about 520 feet northwest of existing well COP4-2 and bout 410 feet east-southeast of existing well COP4-4. It will evaluate groundwater screening criteria for VOCs in trench water sample 0A12-100. It will also be sampled for explosives, perchlorate, sulfates and nitrate.
- Well W09 will be installed about 275 feet south from existing well COP4-4. It is located downgradient from historic burning grounds. It will be sampled for VOCs, explosives, perchlorate, sulfates and nitrate.
- Well W10 will be installed approximately 400 feet east-northeast from existing well COP4-2. It is located adjacent to trench sample 0A12-035. It will be sampled for explosives, perchlorate, sulfates and nitrate.
- Well W11 will be installed approximately 225 feet northeast (downgradient) of existing well W01. It will be placed about 100 feet north-northwest of former propellant ponds in accordance with an Agency request. It will be sampled for VOCs, explosives, perchlorate, sulfates and nitrate.
- Well W12 will be installed about 400 feet south-southeast of existing well W01 south and southwest of former propellant ponds. It will be sampled for VOCs, explosives, perchlorate, sulfates and nitrate.

Temporary Wells

Five temporary wells will be installed as follows:

- Well W13 will be placed about 420 feet east-northeast of existing well COP4-2. It will evaluate STG criteria for explosives and SVOCs in sample 0A12-032. It will also be sampled for perchlorate.
- Well W14 will be installed approximately 520 feet south-southwest of existing well W02. It will evaluate STG criteria for metals in sample 0A12-069.
- Well W15 will be installed about 660 feet east-northeast of existing well COP4-2. It will evaluate STG criteria for metals in sample 0A12-052.
- Well W16 will be installed about 180 feet southeast of existing well COP4-4. It will evaluate STG criteria for explosives in sample 0A12-006. It will also be sampled for perchlorate.
- Well W17 will be installed approximately 670 feet east-southeast of existing well COP4-2. It will evaluate STG criteria for metals in sample 0A12-056. It will also be sampled for perchlorate.

Proposed Piezometers

- One piezometer will be installed at Area 12. Piezometer Z01 will be installed approximately 1,275 feet west northwest of existing well COP4-4, about 350 feet southwest of the main east-west access road between Areas 11 and 12. It is proposed to be installed about 100 feet northwest of proposed monitoring well W07.

AUS – 0A13

Proposed Wells

Four new permanent wells are proposed, which will comprise the entire network:

- Well W01 will be installed adjacent to storage bunker FAI-6-1. It will evaluate STG criteria for SVOCs and explosives at boring 0A13-004. It will also be sampled for perchlorate.
- Well W02 will be installed about 420 feet northwest of storage bunker FAI-5-12. It will evaluate STG criteria for explosives and SVOCs at boring 0A13-029. It will also be sampled for perchlorate.
- Well W03 will be installed adjacent to storage bunker FAI-1-2. It will evaluate STG criteria for SVOCs at boring 0A13-029. It will also be sampled for perchlorate.
- Well W04 will be installed adjacent to storage bunker FAI-4-2. It will evaluate STG criteria for metals at boring 0A13-014. It will also be sampled for perchlorate.

AUS - 0001

Groundwater sampling is not proposed at Area AUS-0001 as part of the Phase I investigation.

AUS - 0002

Proposed Wells

One new permanent well is proposed:

- Well W01 will be installed approximately 400 feet west-northwest of the former wastewater plant administration building that was located at AUS-0002. The proposed well is located near boring 0002-001. This facility operated with a series of treatment lagoons located in this area. The well will be located south of the two lagoons. (The building operated during the 1940's. It is no longer present, but debris may be present.) The well will be installed and sampled for VOCs, SVOCs and metals to evaluate the potential impact of the former lagoons.

Temporary Wells

One temporary well is proposed:

- Well W02 will be installed at the location of sample 0002-003. It will be located between the former lagoons. It will be evaluated for STG criteria for metals.

AUS - 0018

Groundwater sampling is not proposed at Area AUS-0018 as part of the Phase I investigation.

AUS – 0043

Proposed Wells

One new permanent well is proposed, which will comprise the entire network:

- Well W01 will be installed adjacent to a former stack associated with burn operations at the former Fire Station No. 4. This Fire Station operated at the Area during the 1940's. The well will be used to evaluate STG criteria for explosives at boring 0042-002. It will also be sampled for perchlorate.

AUS - 0060

Groundwater sampling is not proposed at Area AUS-0060 as part of the Phase I investigation.

AUS – 0061

Proposed Wells

Two new permanent wells are proposed, bringing the total number of wells in the network to five:[11]

- Well W01 will be installed approximately 980 feet west of Wolf Creek Road, at the point it intersects the northwest property corner of Area 2B. It will be installed south of the former Job Corps Landfill, which operated during the

[11] Three existing monitoring wells (17-MWC-01, -02 and -03) were installed as part of the ongoing PCB OU investigation outside of Area 9. These wells will be sampled during the Phase I monitoring program for the analytes listed on Table 5-251.

1940’s. The well will evaluate STG criteria for metals and PAHs at boring 0061-002.

- Well W02 will be installed 70 feet south of proposed well W01. It will evaluate STG criteria for metals and PAHs at boring 0061-001.

<u>AUS - 0062</u>

Groundwater sampling is not proposed at Area AUS-0062 as part of the Phase I investigation.

<u>AUS – 0065</u>

Proposed Wells

One new permanent well is proposed, which will comprise the entire network:

- Well W01 will be installed 40 feet southeast and 30 feet south-southwest, respectively, from two separate depressions formed from the foundations of former buildings. It will evaluate STG criteria for PAHs at boring 0065-002

<u>AUS - 0066</u>

Temporary Wells

One temporary well will be installed, which will comprise the entire Area groundwater sampling:

- Well W01 will be installed at the sample 0066-004 location. It will evaluate STG criteria for metals.

<u>AUS - 0067</u>

Proposed Wells

One new permanent well is proposed, which will comprise the entire network:

- Well W01 will be installed adjacent to a cistern where a groundwater sample (0067-002) yielded explosives. It will be sampled for the same suite of compounds. It will also be sampled for perchlorate.

AUS - 0069

Proposed Wells

One new permanent well is proposed:

- W01 will be located about 1,200 feet east of Wolf Creek Road, approximately 125 feet south of the shoreline of Crab Orchard Lake. This Area was a dump site during the 1940s. The well will evaluate STG criteria for PAHs at boring 0069-012.

Temporary Wells

One temporary well is proposed:

- Well W02 will be installed about 1,300 feet east of Wolf Creek Road, approximately 60 feet south of the shoreline of Crab Orchard Lake. The well will be sampled to evaluate STG criteria for metals in sediment sample 0069-010.

AUS – 106A

Proposed Wells

Three new wells are proposed, which will comprise the entire network:

- Well W01 will be installed approximately 1,100 feet northeast of existing Area 0A12 well W02 and 1,125 feet west of State Highway 148. This is a former landfill/drum disposal area that operated in the 1950s. The well will evaluate STG criteria for metals and VOCs in borings 106A-001 through -004.
- Well W02 will be installed approximately 75 feet southeast of proposed well W01. It will evaluate STG criteria for metals and VOCs in borings 106A-006 and 106A-007.
- Well W03 will be installed approximately 30 feet east of proposed well W01. It will evaluate STG criteria for metals and VOCs, potentially released as part of the former drum disposal activities.

2.9 Phase I – Preliminary Site Characterization Summary

Receipt of all Phase I groundwater data will allow completion of the Preliminary Site Characterization Summary. In accordance with the proposed schedule, the Summary report will include the Data Gap Analysis and Phase II Work Plan Addendum. Following Agency approval of the Addendum, the Phase II program will be initiated.

2.10 Phase II Sampling Program

The Phase II groundwater sampling program is anticipated to include additional quarterly sampling of the entire well network. Other related Phase II activities will include a soil-gas migration evaluation, if needed.

Validated data for both Phase I and Phase I will be submitted to the Agency as it is received from the validator through the AOC-mandated monthly reports.

Appendix C
1998 USEPA Soil Sample Results

Max of Result										
Area	**Sample ID**	**Constituent**	**Total**	**CE**	**Soil Bkg 95UTL**	**ESV Std**	**HH Std**	**EPA STG (DAF=20)**	**IEPA Class I**	**Unit**
6	20-01	**Aluminum**	13000	B E	9.1E+03	5.0E+01	1.0E+05			MG/KG
		Barium	97		2.4E+02	5.0E+02	6.7E+03	1.6E+03	1.5E+03	MG/KG
		Beryllium	0.7	B	4.9E-01	1.0E+01	1.9E+02	6.3E+01	2.2E+01	MG/KG
		Calcium	1600		2.9E+03					MG/KG
		Chromium	17	B E	1.4E+01	5.0E+00	4.2E+02	3.8E+01	4.0E+01	MG/KG
		Cobalt	7.5		9.3E+00	2.0E+01	1.9E+03			MG/KG
		Copper	11	B	9.4E+00	3.1E+01	4.1E+03		5.9E+04	MG/KG
		Iron	21000	B E	2.0E+04	2.0E+02	3.1E+04			MG/KG
		Magnesium	2200	B	1.8E+03					MG/KG
		Manganese	620	E	2.4E+03	1.0E+02	1.9E+03			MG/KG
		Mercury	0.04		2.8E-01	1.5E-01	3.1E+01		8.9E-01	MG/KG
		Nickel	13	B	1.3E+01	3.0E+01	2.0E+03	1.3E+02	1.0E+02	MG/KG
		Potassium	860	B	6.9E+02					MG/KG
		Vanadium	36	B	3.1E+01	4.6E+01	7.2E+02	6.0E+03	9.8E+02	MG/KG
		Zinc	32		4.1E+01	1.2E+02	3.1E+04	1.2E+04	5.1E+03	MG/KG
	20-02	Aluminum	8100	E	9.1E+03	5.0E+01	1.0E+05			MG/KG
		Barium	170		2.4E+02	5.0E+02	6.7E+03	1.6E+03	1.5E+03	MG/KG
		Benzo[b]fluoranthene	2000	E		1.2E+03	2.1E+03	5.0E+03	5.0E+03	UG/KG
		Benzo[k]fluoranthene	2000			9.0E+04	2.1E+04	4.9E+04	4.9E+04	UG/KG
		Beryllium	0.7	B	4.9E-01	1.0E+01	1.9E+02	6.3E+01	2.2E+01	MG/KG
		Calcium	14000	B	2.9E+03					MG/KG
		Chromium	12	E	1.4E+01	5.0E+00	4.2E+02	3.8E+01	4.0E+01	MG/KG
		Cobalt	9		9.3E+00	2.0E+01	1.9E+03			MG/KG
		Copper	11	B	9.4E+00	3.1E+01	4.1E+03		5.9E+04	MG/KG
		Dibenz[a,h]anthracene	1100	H		1.8E+04	2.1E+02	2.0E+03	2.0E+03	UG/KG
		Fluoranthene	600			1.0E+05	2.2E+06	4.3E+06	4.3E+06	UG/KG
		Indeno[1,2,3-c,d]pyrene	1600			9.0E+04	2.1E+03	1.4E+04	1.4E+04	UG/KG
		Iron	13000	E	2.0E+04	2.0E+02	3.1E+04			MG/KG
		Lead	110	B	2.6E+01	4.3E+02	4.0E+02			MG/KG
		Magnesium	7500	B	1.8E+03					MG/KG
		Manganese	750	E	2.4E+03	1.0E+02	1.9E+03			MG/KG
		Mercury	0.05		2.8E-01	1.5E-01	3.1E+01		8.9E-01	MG/KG
		Nickel	15	B	1.3E+01	3.0E+01	2.0E+03	1.3E+02	1.0E+02	MG/KG
		Potassium	902	B	6.9E+02					MG/KG
		Pyrene	700			7.9E+04	2.9E+06	4.2E+06	4.2E+06	UG/KG
		Vanadium	21		3.1E+01	4.6E+01	7.2E+02	6.0E+03	9.8E+02	MG/KG
		Zinc	140	B E	4.1E+01	1.2E+02	3.1E+04	1.2E+04	5.1E+03	MG/KG
10	41-01	**Aluminum**	18000	B E	9.1E+03	5.0E+01	1.0E+05			MG/KG
		Arsenic	43	B E H W1 W2	1.3E+01	9.0E+00	1.6E+00	2.9E+01	2.9E+01	MG/KG
		Barium	110		2.4E+02	5.0E+02	6.7E+03	1.6E+03	1.5E+03	MG/KG
		Beryllium	0.6	B	4.9E-01	1.0E+01	1.9E+02	6.3E+01	2.2E+01	MG/KG
		Calcium	1200		2.9E+03					MG/KG
		Chromium	20	B E	1.4E+01	5.0E+00	4.2E+02	3.8E+01	4.0E+01	MG/KG
		Cobalt	6.1		9.3E+00	2.0E+01	1.9E+03			MG/KG
		Copper	470	B E	9.4E+00	3.1E+01	4.1E+03		5.9E+04	MG/KG
		Iron	24000	B E	2.0E+04	2.0E+02	3.1E+04			MG/KG
		Lead	65000	B E H	2.6E+01	4.3E+02	4.0E+02			MG/KG
		Magnesium	3200	B	1.8E+03					MG/KG
		Manganese	370	E	2.4E+03	1.0E+02	1.9E+03			MG/KG
		Mercury	0.05		2.8E-01	1.5E-01	3.1E+01		8.9E-01	MG/KG
		Nickel	16	B	1.3E+01	3.0E+01	2.0E+03	1.3E+02	1.0E+02	MG/KG
		Potassium	1600	B	6.9E+02					MG/KG
		Silver	1.9	B	6.9E-01	2.0E+00	5.1E+02	3.4E+01	4.4E+00	MG/KG
		Vanadium	37	B	3.1E+01	4.6E+01	7.2E+02	6.0E+03	9.8E+02	MG/KG
		Zinc	140	B E	4.1E+01	1.2E+02	3.1E+04	1.2E+04	5.1E+03	MG/KG

Notes:
Shading indicates an exceedance of criteria

Max of Result

Area	Sample ID	Constituent	Total	CE	Soil Bkg 95UTL	ESV Std	HH Std	EPA STG (DAF=20)	IEPA Class I	Unit
10	42-01	**Aluminum**	15000	B E	9.1E+03	5.0E+01	1.0E+05			MG/KG
		Barium	760	B E	2.4E+02	5.0E+02	6.7E+03	1.6E+03	1.5E+03	MG/KG
		Beryllium	0.5	B	4.9E-01	1.0E+01	1.9E+02	6.3E+01	2.2E+01	MG/KG
		Cadmium	2	B E	3.5E-01	3.7E-01	4.5E+01	8.0E+00	5.2E+00	MG/KG
		Calcium	9700	B	2.9E+03					MG/KG
		Chromium	38	B E	1.4E+01	5.0E+00	4.2E+02	3.8E+01	4.0E+01	MG/KG
		Cobalt	8.6		9.3E+00	2.0E+01	1.9E+03			MG/KG
		Copper	280	B E	9.4E+00	3.1E+01	4.1E+03		5.9E+04	MG/KG
		Iron	18000	E	2.0E+04	2.0E+02	3.1E+04			MG/KG
		Lead	55	B	2.6E+01	4.3E+02	4.0E+02			MG/KG
		Magnesium	15000	B	1.8E+03					MG/KG
		Manganese	530	E	2.4E+03	1.0E+02	1.9E+03			MG/KG
		Nickel	14	B	1.3E+01	3.0E+01	2.0E+03	1.3E+02	1.0E+02	MG/KG
		Potassium	1300	B	6.9E+02					MG/KG
		Silver	8.6	B E W2	6.9E-01	2.0E+00	5.1E+02	3.4E+01	4.4E+00	MG/KG
		Sodium	420	B	8.5E+01					MG/KG
		Vanadium	30		3.1E+01	4.6E+01	7.2E+02	6.0E+03	9.8E+02	MG/KG
		Zinc	230	B E	4.1E+01	1.2E+02	3.1E+04	1.2E+04	5.1E+03	MG/KG
	42-02	Acenaphthene	500			8.3E+03	2.9E+06	5.7E+05	5.7E+05	UG/KG
		Aluminum	14000	B E	9.1E+03	5.0E+01	1.0E+05			MG/KG
		Barium	3900	B E W1 W2	2.4E+02	5.0E+02	6.7E+03	1.6E+03	1.5E+03	MG/KG
		Benzo[b]fluoranthene	800			1.2E+03	2.1E+03	5.0E+03	5.0E+03	UG/KG
		Benzo[k]fluoranthene	800			9.0E+04	2.1E+04	4.9E+04	4.9E+04	UG/KG
		Beryllium	0.6	B	4.9E-01	1.0E+01	1.9E+02	6.3E+01	2.2E+01	MG/KG
		Bis(2-Ethylhexyl)phthalate	250			9.3E+02	1.2E+05		3.6E+06	UG/KG
		Calcium	16000	B	2.9E+03					MG/KG
		Chromium	52	B E W1 W2	1.4E+01	5.0E+00	4.2E+02	3.8E+01	4.0E+01	MG/KG
		Cobalt	16	B	9.3E+00	2.0E+01	1.9E+03			MG/KG
		Copper	120	B E	9.4E+00	3.1E+01	4.1E+03		5.9E+04	MG/KG
		Iron	31000	B E	2.0E+04	2.0E+02	3.1E+04			MG/KG
		Lead	34	B	2.6E+01	4.3E+02	4.0E+02			MG/KG
		Magnesium	41000	B	1.8E+03					MG/KG
		Manganese	1100	E	2.4E+03	1.0E+02	1.9E+03			MG/KG
		Mercury	0.06		2.8E-01	1.5E-01	3.1E+01		8.9E-01	MG/KG
		Nickel	15	B	1.3E+01	3.0E+01	2.0E+03	1.3E+02	1.0E+02	MG/KG
		Potassium	1300	B	6.9E+02					MG/KG
		Pyrene	600			7.9E+04	2.9E+06	4.2E+06	4.2E+06	UG/KG
		Silver	32	B E W2	6.9E-01	2.0E+00	5.1E+02	3.4E+01	4.4E+00	MG/KG
		Sodium	1300	B	8.5E+01					MG/KG
		Vanadium	34	B	3.1E+01	4.6E+01	7.2E+02	6.0E+03	9.8E+02	MG/KG
		Zinc	170	B E	4.1E+01	1.2E+02	3.1E+04	1.2E+04	5.1E+03	MG/KG
12	51-01	**Aluminum**	10000	B E	9.1E+03	5.0E+01	1.0E+05			MG/KG
		Barium	75		2.4E+02	5.0E+02	6.7E+03	1.6E+03	1.5E+03	MG/KG
		Beryllium	0.5	B	4.9E-01	1.0E+01	1.9E+02	6.3E+01	2.2E+01	MG/KG
		Calcium	3100	B	2.9E+03					MG/KG
		Chromium	14	B E	1.4E+01	5.0E+00	4.2E+02	3.8E+01	4.0E+01	MG/KG
		Cobalt	7.9		9.3E+00	2.0E+01	1.9E+03			MG/KG
		Copper	9.9	B	9.4E+00	3.1E+01	4.1E+03		5.9E+04	MG/KG
		Iron	15000	E	2.0E+04	2.0E+02	3.1E+04			MG/KG
		Magnesium	1400		1.8E+03					MG/KG
		Manganese	550	E	2.4E+03	1.0E+02	1.9E+03			MG/KG
		Mercury	0.08		2.8E-01	1.5E-01	3.1E+01		8.9E-01	MG/KG
		Nickel	10		1.3E+01	3.0E+01	2.0E+03	1.3E+02	1.0E+02	MG/KG
		Potassium	760	B	6.9E+02					MG/KG
		Vanadium	27		3.1E+01	4.6E+01	7.2E+02	6.0E+03	9.8E+02	MG/KG
		Zinc	48	B	4.1E+01	1.2E+02	3.1E+04	1.2E+04	5.1E+03	MG/KG

Notes:
Shading indicates an exceedance of criteria

Appendix C
1998 USEPA Soil Sample Results

Max of Result										
Area	**Sample ID**	**Constituent**	**Total**	**CE**	**Soil Bkg 95UTL**	**ESV Std**	**HH Std**	**EPA STG (DAF=20)**	**IEPA Class I**	**Unit**
12	51-02	**Aluminum**	12000	B E	9.1E+03	5.0E+01	1.0E+05			MG/KG
		Barium	120		2.4E+02	5.0E+02	6.7E+03	1.6E+03	1.5E+03	MG/KG
		Beryllium	0.6	B	4.9E-01	1.0E+01	1.9E+02	6.3E+01	2.2E+01	MG/KG
		Bis(2-Ethylhexyl)phthalate	230			9.3E+02	1.2E+05		3.6E+06	UG/KG
		Calcium	2500		2.9E+03					MG/KG
		Chromium	17	B E	1.4E+01	5.0E+00	4.2E+02	3.8E+01	4.0E+01	MG/KG
		Cobalt	7.8		9.3E+00	2.0E+01	1.9E+03			MG/KG
		Copper	9.9	B	9.4E+00	3.1E+01	4.1E+03		5.9E+04	MG/KG
		Iron	16000	E	2.0E+04	2.0E+02	3.1E+04			MG/KG
		Magnesium	2000	B	1.8E+03					MG/KG
		Manganese	510	E	2.4E+03	1.0E+02	1.9E+03			MG/KG
		Mercury	0.05		2.8E-01	1.5E-01	3.1E+01		8.9E-01	MG/KG
		Nickel	11		1.3E+01	3.0E+01	2.0E+03	1.3E+02	1.0E+02	MG/KG
		Potassium	970	B	6.9E+02					MG/KG
		Silver	1.4	B	6.9E-01	2.0E+00	5.1E+02	3.4E+01	4.4E+00	MG/KG
		Vanadium	28		3.1E+01	4.6E+01	7.2E+02	6.0E+03	9.8E+02	MG/KG
		Zinc	53	B	4.1E+01	1.2E+02	3.1E+04	1.2E+04	5.1E+03	MG/KG
	52-01	**Aluminum**	14000	B E	9.1E+03	5.0E+01	1.0E+05			MG/KG
		Barium	120		2.4E+02	5.0E+02	6.7E+03	1.6E+03	1.5E+03	MG/KG
		Beryllium	0.6	B	4.9E-01	1.0E+01	1.9E+02	6.3E+01	2.2E+01	MG/KG
		Bis(2-Ethylhexyl)phthalate	240			9.3E+02	1.2E+05		3.6E+06	UG/KG
		Calcium	4800	B	2.9E+03					MG/KG
		Chromium	25	B E	1.4E+01	5.0E+00	4.2E+02	3.8E+01	4.0E+01	MG/KG
		Cobalt	7.1		9.3E+00	2.0E+01	1.9E+03			MG/KG
		Copper	49	B E	9.4E+00	3.1E+01	4.1E+03		5.9E+04	MG/KG
		Iron	32000	B E H	2.0E+04	2.0E+02	3.1E+04			MG/KG
		Lead	110	B	2.6E+01	4.3E+02	4.0E+02			MG/KG
		Magnesium	3200	B	1.8E+03					MG/KG
		Manganese	1000	E	2.4E+03	1.0E+02	1.9E+03			MG/KG
		Mercury	0.08		2.8E-01	1.5E-01	3.1E+01		8.9E-01	MG/KG
		Nickel	23	B	1.3E+01	3.0E+01	2.0E+03	1.3E+02	1.0E+02	MG/KG
		Potassium	1000	B	6.9E+02					MG/KG
		Silver	1.3	B	6.9E-01	2.0E+00	5.1E+02	3.4E+01	4.4E+00	MG/KG
		Vanadium	28		3.1E+01	4.6E+01	7.2E+02	6.0E+03	9.8E+02	MG/KG
		Zinc	230	B E	4.1E+01	1.2E+02	3.1E+04	1.2E+04	5.1E+03	MG/KG
	52-02	**Aluminum**	11000	B E	9.1E+03	5.0E+01	1.0E+05			MG/KG
		Barium	120		2.4E+02	5.0E+02	6.7E+03	1.6E+03	1.5E+03	MG/KG
		Beryllium	0.7	B	4.9E-01	1.0E+01	1.9E+02	6.3E+01	2.2E+01	MG/KG
		Bis(2-Ethylhexyl)phthalate	430			9.3E+02	1.2E+05		3.6E+06	UG/KG
		Calcium	5200	B	2.9E+03					MG/KG
		Chromium	15	B E	1.4E+01	5.0E+00	4.2E+02	3.8E+01	4.0E+01	MG/KG
		Cobalt	6.6		9.3E+00	2.0E+01	1.9E+03			MG/KG
		Copper	27	B	9.4E+00	3.1E+01	4.1E+03		5.9E+04	MG/KG
		Iron	14000	E	2.0E+04	2.0E+02	3.1E+04			MG/KG
		Lead	42	B	2.6E+01	4.3E+02	4.0E+02			MG/KG
		Magnesium	2700	B	1.8E+03					MG/KG
		Manganese	640	E	2.4E+03	1.0E+02	1.9E+03			MG/KG
		Mercury	0.05		2.8E-01	1.5E-01	3.1E+01		8.9E-01	MG/KG
		Nickel	16	B	1.3E+01	3.0E+01	2.0E+03	1.3E+02	1.0E+02	MG/KG
		Potassium	880	B	6.9E+02					MG/KG
		Silver	1.4	B	6.9E-01	2.0E+00	5.1E+02	3.4E+01	4.4E+00	MG/KG
		Vanadium	26		3.1E+01	4.6E+01	7.2E+02	6.0E+03	9.8E+02	MG/KG
		Zinc	150	B E	4.1E+01	1.2E+02	3.1E+04	1.2E+04	5.1E+03	MG/KG

Notes:
Shading indicates an exceedance of criteria

Appendix C
1998 USEPA Soil Sample Results

Max of Result										
Area	**Sample ID**	**Constituent**	**Total**	**CE**	**Soil Bkg 95UTL**	**ESV Std**	**HH Std**	**EPA STG (DAF=20)**	**IEPA Class I**	**Unit**
12	58-01	Aluminum	3500	E	9.1E+03	5.0E+01	1.0E+05			MG/KG
		Arsenic	17	B E H	1.3E+01	9.0E+00	1.6E+00	2.9E+01	2.9E+01	MG/KG
		Barium	49		2.4E+02	5.0E+02	6.7E+03	1.6E+03	1.5E+03	MG/KG
		Benzo[a]pyrene	2500	H		3.3E+03	2.1E+02	8.0E+03	8.0E+03	UG/KG
		Benzo[b]fluoranthene	2500	E H		1.2E+03	2.1E+03	5.0E+03	5.0E+03	UG/KG
		Benzo[k]fluoranthene	2500			9.0E+04	2.1E+04	4.9E+04	4.9E+04	UG/KG
		Beryllium	3.6	B	4.9E-01	1.0E+01	1.9E+02	6.3E+01	2.2E+01	MG/KG
		Bis(2-Ethylhexyl)phthalate	170			9.3E+02	1.2E+05		3.6E+06	UG/KG
		Calcium	1900		2.9E+03					MG/KG
		Chromium	100	B E W1 W2	1.4E+01	5.0E+00	4.2E+02	3.8E+01	4.0E+01	MG/KG
		Cobalt	48	B E	9.3E+00	2.0E+01	1.9E+03			MG/KG
		Copper	150	B E	9.4E+00	3.1E+01	4.1E+03		5.9E+04	MG/KG
		Dibenz[a,h]anthracene	1200	H		1.8E+04	2.1E+02	2.0E+03	2.0E+03	UG/KG
		Di-n-butylphthalate	240			7.1E+02	2.3E+06	2.3E+06	2.3E+06	UG/KG
		Indeno[1,2,3-c,d]pyrene	3000	H		9.0E+04	2.1E+03	1.4E+04	1.4E+04	UG/KG
		Iron	320000	B E H	2.0E+04	2.0E+02	3.1E+04			MG/KG
		Magnesium	800		1.8E+03					MG/KG
		Manganese	1500	E	2.4E+03	1.0E+02	1.9E+03			MG/KG
		Mercury	0.06		2.8E-01	1.5E-01	3.1E+01		8.9E-01	MG/KG
		Nickel	41	B E	1.3E+01	3.0E+01	2.0E+03	1.3E+02	1.0E+02	MG/KG
		Potassium	390		6.9E+02					MG/KG
		Vanadium	8.6		3.1E+01	4.6E+01	7.2E+02	6.0E+03	9.8E+02	MG/KG
		Zinc	24		4.1E+01	1.2E+02	3.1E+04	1.2E+04	5.1E+03	MG/KG
13	59-01	**Aluminum**	12000	B E	9.1E+03	5.0E+01	1.0E+05			MG/KG
		Barium	140		2.4E+02	5.0E+02	6.7E+03	1.6E+03	1.5E+03	MG/KG
		Beryllium	0.7	B	4.9E-01	1.0E+01	1.9E+02	6.3E+01	2.2E+01	MG/KG
		Calcium	7500	B	2.9E+03					MG/KG
		Chromium	14	B E	1.4E+01	5.0E+00	4.2E+02	3.8E+01	4.0E+01	MG/KG
		Cobalt	9.8	B	9.3E+00	2.0E+01	1.9E+03			MG/KG
		Copper	7		9.4E+00	3.1E+01	4.1E+03		5.9E+04	MG/KG
		Iron	17000	E	2.0E+04	2.0E+02	3.1E+04			MG/KG
		Magnesium	5000	B	1.8E+03					MG/KG
		Manganese	1300	E	2.4E+03	1.0E+02	1.9E+03			MG/KG
		Mercury	0.05		2.8E-01	1.5E-01	3.1E+01		8.9E-01	MG/KG
		Nickel	13	B	1.3E+01	3.0E+01	2.0E+03	1.3E+02	1.0E+02	MG/KG
		Potassium	870	B	6.9E+02					MG/KG
		Silver	1.5	B	6.9E-01	2.0E+00	5.1E+02	3.4E+01	4.4E+00	MG/KG
		Vanadium	33	B	3.1E+01	4.6E+01	7.2E+02	6.0E+03	9.8E+02	MG/KG
		Zinc	38		4.1E+01	1.2E+02	3.1E+04	1.2E+04	5.1E+03	MG/KG

Notes:
Shading indicates an exceedance of criteria

Appendix C
1998 USEPA Soil Sample Results

Max of Result										
Area	**Sample ID**	**Constituent**	**Total**	**CE**	**Soil Bkg 95UTL**	**ESV Std**	**HH Std**	**EPA STG (DAF=20)**	**IEPA Class I**	**Unit**
0001	1-01	**Aluminum**	11000	B E	9.1E+03	5.0E+01	1.0E+05			MG/KG
		Arsenic	130	B E H W1 W2	1.3E+01	9.0E+00	1.6E+00	2.9E+01	2.9E+01	MG/KG
		Barium	180		2.4E+02	5.0E+02	6.7E+03	1.6E+03	1.5E+03	MG/KG
		Benzo[a]pyrene	110			3.3E+03	2.1E+02	8.0E+03	8.0E+03	UG/KG
		Benzo[b]fluoranthene	400			1.2E+03	2.1E+03	5.0E+03	5.0E+03	UG/KG
		Beryllium	0.8	B	4.9E-01	1.0E+01	1.9E+02	6.3E+01	2.2E+01	MG/KG
		Calcium	3800	B	2.9E+03					MG/KG
		Chromium	27	B E	1.4E+01	5.0E+00	4.2E+02	3.8E+01	4.0E+01	MG/KG
		Chrysene	240			4.7E+03	2.1E+05	1.6E+05	1.6E+05	UG/KG
		Cobalt	13	B	9.3E+00	2.0E+01	1.9E+03			MG/KG
		Copper	43	B E	9.4E+00	3.1E+01	4.1E+03		5.9E+04	MG/KG
		Di-n-butylphthalate	110			7.1E+02	2.3E+06	2.3E+06	2.3E+06	UG/KG
		Fluoranthene	230			1.0E+05	2.2E+06	4.3E+06	4.3E+06	UG/KG
		Iron	67000	B E H	2.0E+04	2.0E+02	3.1E+04			MG/KG
		Lead	210	B	2.6E+01	4.3E+02	4.0E+02			MG/KG
		Magnesium	2400	B	1.8E+03					MG/KG
		Manganese	1000	E	2.4E+03	1.0E+02	1.9E+03			MG/KG
		Mercury	0.12		2.8E-01	1.5E-01	3.1E+01		8.9E-01	MG/KG
		Nickel	33	B E	1.3E+01	3.0E+01	2.0E+03	1.3E+02	1.0E+02	MG/KG
		Potassium	920	B	6.9E+02					MG/KG
		Vanadium	35	B	3.1E+01	4.6E+01	7.2E+02	6.0E+03	9.8E+02	MG/KG
		Zinc	310	B E	4.1E+01	1.2E+02	3.1E+04	1.2E+04	5.1E+03	MG/KG
0018	18-01	Acenaphthene	800			8.3E+03	2.9E+06	5.7E+05	5.7E+05	UG/KG
		Acenaphthylene	700			8.3E+03	1.8E+03	8.4E+04		UG/KG
		Aluminum	3600	E	9.1E+03	5.0E+01	1.0E+05			MG/KG
		Anthracene	900			1.0E+04	2.4E+07	1.2E+07	1.2E+07	UG/KG
		Arsenic	120	B E H W1 W2	1.3E+01	9.0E+00	1.6E+00	2.9E+01	2.9E+01	MG/KG
		Barium	66		2.4E+02	5.0E+02	6.7E+03	1.6E+03	1.5E+03	MG/KG
		Benzo[a]pyrene	600	H		3.3E+03	2.1E+02	8.0E+03	8.0E+03	UG/KG
		Benzo[b]fluoranthene	1900	E		1.2E+03	2.1E+03	5.0E+03	5.0E+03	UG/KG
		Benzo[k]fluoranthene	1900			9.0E+04	2.1E+04	4.9E+04	4.9E+04	UG/KG
		Beryllium	0.9	B	4.9E-01	1.0E+01	1.9E+02	6.3E+01	2.2E+01	MG/KG
		Cadmium	4.5	B E	3.5E-01	3.7E-01	4.5E+01	8.0E+00	5.2E+00	MG/KG
		Calcium	7900	B	2.9E+03					MG/KG
		Chromium	22	B E	1.4E+01	5.0E+00	4.2E+02	3.8E+01	4.0E+01	MG/KG
		Chrysene	500			4.7E+03	2.1E+05	1.6E+05	1.6E+05	UG/KG
		Cobalt	18	B	9.3E+00	2.0E+01	1.9E+03			MG/KG
		Copper	110	B E	9.4E+00	3.1E+01	4.1E+03		5.9E+04	MG/KG
		Dibenz[a,h]anthracene	1200	H		1.8E+04	2.1E+02	2.0E+03	2.0E+03	UG/KG
		Fluoranthene	700			1.0E+05	2.2E+06	4.3E+06	4.3E+06	UG/KG
		Indeno[1,2,3-c,d]pyrene	1500			9.0E+04	2.1E+03	1.4E+04	1.4E+04	UG/KG
		Iron	42000	B E H	2.0E+04	2.0E+02	3.1E+04			MG/KG
		Lead	4500	B E H	2.6E+01	4.3E+02	4.0E+02			MG/KG
		Magnesium	4200	B	1.8E+03					MG/KG
		Manganese	250	E	2.4E+03	1.0E+02	1.9E+03			MG/KG
		Mercury	0.32	B E	2.8E-01	1.5E-01	3.1E+01		8.9E-01	MG/KG
		Nickel	26	B	1.3E+01	3.0E+01	2.0E+03	1.3E+02	1.0E+02	MG/KG
		Phenanthrene	1300			1.8E+04	2.9E+06	4.2E+06		UG/KG
		Potassium	500		6.9E+02					MG/KG
		Pyrene	800			7.9E+04	2.9E+06	4.2E+06	4.2E+06	UG/KG
		Silver	2	B	6.9E-01	2.0E+00	5.1E+02	3.4E+01	4.4E+00	MG/KG
		Vanadium	23		3.1E+01	4.6E+01	7.2E+02	6.0E+03	9.8E+02	MG/KG
		Zinc	1600	B E	4.1E+01	1.2E+02	3.1E+04	1.2E+04	5.1E+03	MG/KG

Notes:
Shading indicates an exceedance of criteria

Appendix C
1998 USEPA Soil Sample Results

Max of Result										
Area	Sample ID	Constituent	Total	CE	Soil Bkg 95UTL	ESV Std	HH Std	EPA STG (DAF=20)	IEPA Class I	Unit
0043	43-01	**Aluminum**	13000	B E	9.1E+03	5.0E+01	1.0E+05			MG/KG
		Arsenic	10	E H	1.3E+01	9.0E+00	1.6E+00	2.9E+01	2.9E+01	MG/KG
		Barium	140		2.4E+02	5.0E+02	6.7E+03	1.6E+03	1.5E+03	MG/KG
		Beryllium	0.7	B	4.9E-01	1.0E+01	1.9E+02	6.3E+01	2.2E+01	MG/KG
		Bis(2-Ethylhexyl)phthalate	170			9.3E+02	1.2E+05		3.6E+06	UG/KG
		Calcium	4300	B	2.9E+03					MG/KG
		Chromium	18	B E	1.4E+01	5.0E+00	4.2E+02	3.8E+01	4.0E+01	MG/KG
		Cobalt	8.1		9.3E+00	2.0E+01	1.9E+03			MG/KG
		Copper	11	B	9.4E+00	3.1E+01	4.1E+03		5.9E+04	MG/KG
		Iron	19000	E	2.0E+04	2.0E+02	3.1E+04			MG/KG
		Lead	150	B	2.6E+01	4.3E+02	4.0E+02			MG/KG
		Magnesium	2700	B	1.8E+03					MG/KG
		Manganese	710	E	2.4E+03	1.0E+02	1.9E+03			MG/KG
		Nickel	17	B	1.3E+01	3.0E+01	2.0E+03	1.3E+02	1.0E+02	MG/KG
		Potassium	1300	B	6.9E+02					MG/KG
		Vanadium	30		3.1E+01	4.6E+01	7.2E+02	6.0E+03	9.8E+02	MG/KG
		Zinc	220	B E	4.1E+01	1.2E+02	3.1E+04	1.2E+04	5.1E+03	MG/KG
0060	60-1	**Aluminum**	12000	B E	9.1E+03	5.0E+01	1.0E+05			MG/KG
		Arsenic	180	B E H W1 W2	1.3E+01	9.0E+00	1.6E+00	2.9E+01	2.9E+01	MG/KG
		Barium	99		2.4E+02	5.0E+02	6.7E+03	1.6E+03	1.5E+03	MG/KG
		Beryllium	0.4		4.9E-01	1.0E+01	1.9E+02	6.3E+01	2.2E+01	MG/KG
		Calcium	61000	B	2.9E+03					MG/KG
		Chromium	17	B E	1.4E+01	5.0E+00	4.2E+02	3.8E+01	4.0E+01	MG/KG
		Cobalt	7.3		9.3E+00	2.0E+01	1.9E+03			MG/KG
		Copper	10	B	9.4E+00	3.1E+01	4.1E+03		5.9E+04	MG/KG
		Di-n-butylphthalate	430			7.1E+02	2.3E+06	2.3E+06	2.3E+06	UG/KG
		Iron	17000	E	2.0E+04	2.0E+02	3.1E+04			MG/KG
		Lead	470	B E H	2.6E+01	4.3E+02	4.0E+02			MG/KG
		Magnesium	23000	B	1.8E+03					MG/KG
		Manganese	580	E	2.4E+03	1.0E+02	1.9E+03			MG/KG
		Nickel	12		1.3E+01	3.0E+01	2.0E+03	1.3E+02	1.0E+02	MG/KG
		Potassium	1200	B	6.9E+02					MG/KG
		Vanadium	29		3.1E+01	4.6E+01	7.2E+02	6.0E+03	9.8E+02	MG/KG
		Zinc	66	B	4.1E+01	1.2E+02	3.1E+04	1.2E+04	5.1E+03	MG/KG

Notes:
Shading indicates an exceedance of criteria

Appendix C
1998 USEPA Soil Sample Results

Max of Result										
Area	**Sample ID**	**Constituent**	**Total**	**CE**	**Soil Bkg 95UTL**	**ESV Std**	**HH Std**	**EPA STG (DAF=20)**	**IEPA Class I**	**Unit**
0061	61-1	Acenaphthene	600			8.3E+03	2.9E+06	5.7E+05	5.7E+05	UG/KG
		Acenaphthylene	1500			8.3E+03	1.8E+03	8.4E+04		UG/KG
		Aluminum	8900	E	9.1E+03	5.0E+01	1.0E+05			MG/KG
		Anthracene	2000			1.0E+04	2.4E+07	1.2E+07	1.2E+07	UG/KG
		Barium	150		2.4E+02	5.0E+02	6.7E+03	1.6E+03	1.5E+03	MG/KG
		Benzo[a]anthracene	4100	E H W1 W2		3.0E+03	2.1E+03	2.0E+03	2.0E+03	UG/KG
		Benzo[a]pyrene	5400	E H		3.3E+03	2.1E+02	8.0E+03	8.0E+03	UG/KG
		Benzo[b]fluoranthene	18000	E H W1 W2		1.2E+03	2.1E+03	5.0E+03	5.0E+03	UG/KG
		Benzo[g,h,i]perylene	4100			1.0E+05				UG/KG
		Benzo[k]fluoranthene	18000			9.0E+04	2.1E+04	4.9E+04	4.9E+04	UG/KG
		Benzoic Acid	500				1.0E+08	4.0E+05	4.0E+05	UG/KG
		Beryllium	0.9	B	4.9E-01	1.0E+01	1.9E+02	6.3E+01	2.2E+01	MG/KG
		Cadmium	55	B E H W1 W2	3.5E-01	3.7E-01	4.5E+01	8.0E+00	5.2E+00	MG/KG
		Calcium	16000	B	2.9E+03					MG/KG
		Carbazole	710	W1 W2		1.3E+04	8.6E+04	6.0E+02	6.0E+02	UG/KG
		Chromium	19	B E	1.4E+01	5.0E+00	4.2E+02	3.8E+01	4.0E+01	MG/KG
		Chrysene	6500	E		4.7E+03	2.1E+05	1.6E+05	1.6E+05	UG/KG
		Cobalt	8.3		9.3E+00	2.0E+01	1.9E+03			MG/KG
		Copper	20	B	9.4E+00	3.1E+01	4.1E+03		5.9E+04	MG/KG
		Dibenz[a,h]anthracene	2300	H W1 W2		1.8E+04	2.1E+02	2.0E+03	2.0E+03	UG/KG
		Dibenzofuran	150			2.5E+04	3.1E+05			UG/KG
		Fluoranthene	11000			1.0E+05	2.2E+06	4.3E+06	4.3E+06	UG/KG
		Fluorene	160			2.2E+04	2.6E+06	5.6E+05	5.6E+05	UG/KG
		Indeno[1,2,3-c,d]pyrene	5000	H		9.0E+04	2.1E+03	1.4E+04	1.4E+04	UG/KG
		Iron	21000	B E	2.0E+04	2.0E+02	3.1E+04			MG/KG
		Lead	420	B H	2.6E+01	4.3E+02	4.0E+02			MG/KG
		Magnesium	1400		1.8E+03					MG/KG
		Manganese	2100	E H	2.4E+03	1.0E+02	1.9E+03			MG/KG
		Mercury	0.13		2.8E-01	1.5E-01	3.1E+01		8.9E-01	MG/KG
		Naphthalene	310			4.6E+04	1.8E+03	8.4E+04	1.2E+04	UG/KG
		Nickel	23	B	1.3E+01	3.0E+01	2.0E+03	1.3E+02	1.0E+02	MG/KG
		Phenanthrene	5700			1.8E+04	2.9E+06	4.2E+06		UG/KG
		Potassium	1000	B	6.9E+02					MG/KG
		Pyrene	9200			7.9E+04	2.9E+06	4.2E+06	4.2E+06	UG/KG
		Silver	1.4	B	6.9E-01	2.0E+00	5.1E+02	3.4E+01	4.4E+00	MG/KG
		Vanadium	20		3.1E+01	4.6E+01	7.2E+02	6.0E+03	9.8E+02	MG/KG
		Zinc	440	B E	4.1E+01	1.2E+02	3.1E+04	1.2E+04	5.1E+03	MG/KG
	61-2	**Aluminum**	9100	B E	9.1E+03	5.0E+01	1.0E+05			MG/KG
		Barium	120		2.4E+02	5.0E+02	6.7E+03	1.6E+03	1.5E+03	MG/KG
		Benzo[b]fluoranthene	900			1.2E+03	2.1E+03	5.0E+03	5.0E+03	UG/KG
		Benzo[k]fluoranthene	900			9.0E+04	2.1E+04	4.9E+04	4.9E+04	UG/KG
		Beryllium	0.6	B	4.9E-01	1.0E+01	1.9E+02	6.3E+01	2.2E+01	MG/KG
		Cadmium	5.2	B E	3.5E-01	3.7E-01	4.5E+01	8.0E+00	5.2E+00	MG/KG
		Calcium	1900		2.9E+03					MG/KG
		Chromium	12	E	1.4E+01	5.0E+00	4.2E+02	3.8E+01	4.0E+01	MG/KG
		Cobalt	10	B	9.3E+00	2.0E+01	1.9E+03			MG/KG
		Copper	8.9		9.4E+00	3.1E+01	4.1E+03		5.9E+04	MG/KG
		Dibenz[a,h]anthracene	600	H		1.8E+04	2.1E+02	2.0E+03	2.0E+03	UG/KG
		Indeno[1,2,3-c,d]pyrene	1100			9.0E+04	2.1E+03	1.4E+04	1.4E+04	UG/KG
		Iron	17000	E	2.0E+04	2.0E+02	3.1E+04			MG/KG
		Lead	25		2.6E+01	4.3E+02	4.0E+02			MG/KG
		Magnesium	1400		1.8E+03					MG/KG
		Manganese	1500	E	2.4E+03	1.0E+02	1.9E+03			MG/KG
		Nickel	9.9		1.3E+01	3.0E+01	2.0E+03	1.3E+02	1.0E+02	MG/KG
		Potassium	700	B	6.9E+02					MG/KG
		Vanadium	28		3.1E+01	4.6E+01	7.2E+02	6.0E+03	9.8E+02	MG/KG
		Zinc	59	B	4.1E+01	1.2E+02	3.1E+04	1.2E+04	5.1E+03	MG/KG

Notes:
Shading indicates an exceedance of criteria

Appendix C
1998 USEPA Soil Sample Results

Max of Result										
Area	**Sample ID**	**Constituent**	**Total**	**CE**	**Soil Bkg 95UTL**	**ESV Std**	**HH Std**	**EPA STG (DAF=20)**	**IEPA Class I**	**Unit**
0061	61-3	Acenaphthene	900			8.3E+03	2.9E+06	5.7E+05	5.7E+05	UG/KG
		Aluminum	14000	B E	9.1E+03	5.0E+01	1.0E+05			MG/KG
		Barium	430	B	2.4E+02	5.0E+02	6.7E+03	1.6E+03	1.5E+03	MG/KG
		Benzo[a]pyrene	900	H		3.3E+03	2.1E+02	8.0E+03	8.0E+03	UG/KG
		Benzoic Acid	280				1.0E+08	4.0E+05	4.0E+05	UG/KG
		Beryllium	0.9	B	4.9E-01	1.0E+01	1.9E+02	6.3E+01	2.2E+01	MG/KG
		Cadmium	7.3	B E W2	3.5E-01	3.7E-01	4.5E+01	8.0E+00	5.2E+00	MG/KG
		Calcium	1600		2.9E+03					MG/KG
		Chromium	17	B E	1.4E+01	5.0E+00	4.2E+02	3.8E+01	4.0E+01	MG/KG
		Chrysene	600			4.7E+03	2.1E+05	1.6E+05	1.6E+05	UG/KG
		Cobalt	21	B E	9.3E+00	2.0E+01	1.9E+03			MG/KG
		Copper	15	B	9.4E+00	3.1E+01	4.1E+03		5.9E+04	MG/KG
		Iron	25000	B E	2.0E+04	2.0E+02	3.1E+04			MG/KG
		Lead	160	B	2.6E+01	4.3E+02	4.0E+02			MG/KG
		Magnesium	1900	B	1.8E+03					MG/KG
		Manganese	4400	B E H	2.4E+03	1.0E+02	1.9E+03			MG/KG
		Mercury	0.05		2.8E-01	1.5E-01	3.1E+01		8.9E-01	MG/KG
		Nickel	16	B	1.3E+01	3.0E+01	2.0E+03	1.3E+02	1.0E+02	MG/KG
		Potassium	980	B	6.9E+02					MG/KG
		Silver	2	B	6.9E-01	2.0E+00	5.1E+02	3.4E+01	4.4E+00	MG/KG
		Vanadium	42	B	3.1E+01	4.6E+01	7.2E+02	6.0E+03	9.8E+02	MG/KG
		Zinc	67	B	4.1E+01	1.2E+02	3.1E+04	1.2E+04	5.1E+03	MG/KG
	61-4	Acenaphthene	2900			8.3E+03	2.9E+06	5.7E+05	5.7E+05	UG/KG
		Aluminum	8600	E	9.1E+03	5.0E+01	1.0E+05			MG/KG
		Anthracene	800			1.0E+04	2.4E+07	1.2E+07	1.2E+07	UG/KG
		Barium	120		2.4E+02	5.0E+02	6.7E+03	1.6E+03	1.5E+03	MG/KG
		Benzo[a]anthracene	6800	E H W1 W2		3.0E+03	2.1E+03	2.0E+03	2.0E+03	UG/KG
		Benzo[a]pyrene	900	H		3.3E+03	2.1E+02	8.0E+03	8.0E+03	UG/KG
		Benzo[b]fluoranthene	3500	E H		1.2E+03	2.1E+03	5.0E+03	5.0E+03	UG/KG
		Benzo[g,h,i]perylene	500			1.0E+05				UG/KG
		Benzo[k]fluoranthene	3500			9.0E+04	2.1E+04	4.9E+04	4.9E+04	UG/KG
		Beryllium	0.6	B	4.9E-01	1.0E+01	1.9E+02	6.3E+01	2.2E+01	MG/KG
		Cadmium	4.6	B E	3.5E-01	3.7E-01	4.5E+01	8.0E+00	5.2E+00	MG/KG
		Calcium	1500		2.9E+03					MG/KG
		Chromium	11	E	1.4E+01	5.0E+00	4.2E+02	3.8E+01	4.0E+01	MG/KG
		Chrysene	600			4.7E+03	2.1E+05	1.6E+05	1.6E+05	UG/KG
		Cobalt	8		9.3E+00	2.0E+01	1.9E+03			MG/KG
		Copper	14	B	9.4E+00	3.1E+01	4.1E+03		5.9E+04	MG/KG
		Dibenz[a,h]anthracene	1100	H		1.8E+04	2.1E+02	2.0E+03	2.0E+03	UG/KG
		Fluoranthene	800			1.0E+05	2.2E+06	4.3E+06	4.3E+06	UG/KG
		Indeno[1,2,3-c,d]pyrene	1600			9.0E+04	2.1E+03	1.4E+04	1.4E+04	UG/KG
		Iron	14000	E	2.0E+04	2.0E+02	3.1E+04			MG/KG
		Lead	76	B	2.6E+01	4.3E+02	4.0E+02			MG/KG
		Magnesium	1100		1.8E+03					MG/KG
		Manganese	1600	E	2.4E+03	1.0E+02	1.9E+03			MG/KG
		Mercury	0.16	E	2.8E-01	1.5E-01	3.1E+01		8.9E-01	MG/KG
		Nickel	9.4		1.3E+01	3.0E+01	2.0E+03	1.3E+02	1.0E+02	MG/KG
		Potassium	600		6.9E+02					MG/KG
		Pyrene	1000			7.9E+04	2.9E+06	4.2E+06	4.2E+06	UG/KG
		Silver	1.4	B	6.9E-01	2.0E+00	5.1E+02	3.4E+01	4.4E+00	MG/KG
		Vanadium	25		3.1E+01	4.6E+01	7.2E+02	6.0E+03	9.8E+02	MG/KG
		Zinc	53	B	4.1E+01	1.2E+02	3.1E+04	1.2E+04	5.1E+03	MG/KG

Notes:
Shading indicates an exceedance of criteria

Appendix C
1998 USEPA Soil Sample Results

Max of Result

Area	Sample ID	Constituent	Total	CE	Soil Bkg 95UTL	ESV Std	HH Std	EPA STG (DAF=20)	IEPA Class I	Unit
0061	61-5	Aluminum	7100	E	9.1E+03	5.0E+01	1.0E+05			MG/KG
		Barium	110		2.4E+02	5.0E+02	6.7E+03	1.6E+03	1.5E+03	MG/KG
		Beryllium	0.6	B	4.9E-01	1.0E+01	1.9E+02	6.3E+01	2.2E+01	MG/KG
		Bis(2-Ethylhexyl)phthalate	120			9.3E+02	1.2E+05		3.6E+06	UG/KG
		Cadmium	2.7	B E	3.5E-01	3.7E-01	4.5E+01	8.0E+00	5.2E+00	MG/KG
		Calcium	2700		2.9E+03					MG/KG
		Chromium	11	E	1.4E+01	5.0E+00	4.2E+02	3.8E+01	4.0E+01	MG/KG
		Cobalt	8.2		9.3E+00	2.0E+01	1.9E+03			MG/KG
		Copper	17	B	9.4E+00	3.1E+01	4.1E+03		5.9E+04	MG/KG
		Iron	12000	E	2.0E+04	2.0E+02	3.1E+04			MG/KG
		Lead	40	B	2.6E+01	4.3E+02	4.0E+02			MG/KG
		Magnesium	1100		1.8E+03					MG/KG
		Manganese	1200	E	2.4E+03	1.0E+02	1.9E+03			MG/KG
		Nickel	11		1.3E+01	3.0E+01	2.0E+03	1.3E+02	1.0E+02	MG/KG
		Potassium	610		6.9E+02					MG/KG
		Silver	1.3	B	6.9E-01	2.0E+00	5.1E+02	3.4E+01	4.4E+00	MG/KG
		Vanadium	28		3.1E+01	4.6E+01	7.2E+02	6.0E+03	9.8E+02	MG/KG
		Zinc	63	B	4.1E+01	1.2E+02	3.1E+04	1.2E+04	5.1E+03	MG/KG
	61-6	Aluminum	5800	E	9.1E+03	5.0E+01	1.0E+05			MG/KG
		Barium	71		2.4E+02	5.0E+02	6.7E+03	1.6E+03	1.5E+03	MG/KG
		Benzo[b]fluoranthene	900			1.2E+03	2.1E+03	5.0E+03	5.0E+03	UG/KG
		Benzo[k]fluoranthene	900			9.0E+04	2.1E+04	4.9E+04	4.9E+04	UG/KG
		Beryllium	0.7	B	4.9E-01	1.0E+01	1.9E+02	6.3E+01	2.2E+01	MG/KG
		Bis(2-Ethylhexyl)phthalate	730			9.3E+02	1.2E+05		3.6E+06	UG/KG
		Calcium	8300	B	2.9E+03					MG/KG
		Chromium	6.7	E	1.4E+01	5.0E+00	4.2E+02	3.8E+01	4.0E+01	MG/KG
		Cobalt	5.4		9.3E+00	2.0E+01	1.9E+03			MG/KG
		Copper	11	B	9.4E+00	3.1E+01	4.1E+03		5.9E+04	MG/KG
		Dibenz[a,h]anthracene	700	H		1.8E+04	2.1E+02	2.0E+03	2.0E+03	UG/KG
		Iron	5600	E	2.0E+04	2.0E+02	3.1E+04			MG/KG
		Lead	22		2.6E+01	4.3E+02	4.0E+02			MG/KG
		Magnesium	1100		1.8E+03					MG/KG
		Manganese	450	E	2.4E+03	1.0E+02	1.9E+03			MG/KG
		Mercury	0.08		2.8E-01	1.5E-01	3.1E+01		8.9E-01	MG/KG
		Nickel	17	B	1.3E+01	3.0E+01	2.0E+03	1.3E+02	1.0E+02	MG/KG
		Potassium	810	B	6.9E+02					MG/KG
		Sodium	210	B	8.5E+01					MG/KG
		Vanadium	12		3.1E+01	4.6E+01	7.2E+02	6.0E+03	9.8E+02	MG/KG
		Zinc	130	B E	4.1E+01	1.2E+02	3.1E+04	1.2E+04	5.1E+03	MG/KG
	61-7	Benzo[b]fluoranthene	700			1.2E+03	2.1E+03	5.0E+03	5.0E+03	UG/KG
		Benzo[k]fluoranthene	700			9.0E+04	2.1E+04	4.9E+04	4.9E+04	UG/KG
0062	62-01C	**Aluminum**	11000	B E	9.1E+03	5.0E+01	1.0E+05			MG/KG
		Barium	110		2.4E+02	5.0E+02	6.7E+03	1.6E+03	1.5E+03	MG/KG
		Beryllium	0.6	B	4.9E-01	1.0E+01	1.9E+02	6.3E+01	2.2E+01	MG/KG
		Calcium	2900	B	2.9E+03					MG/KG
		Chromium	25	B E	1.4E+01	5.0E+00	4.2E+02	3.8E+01	4.0E+01	MG/KG
		Cobalt	9.5	B	9.3E+00	2.0E+01	1.9E+03			MG/KG
		Copper	18	B	9.4E+00	3.1E+01	4.1E+03		5.9E+04	MG/KG
		Iron	30000	B E	2.0E+04	2.0E+02	3.1E+04			MG/KG
		Lead	19		2.6E+01	4.3E+02	4.0E+02			MG/KG
		Magnesium	2300	B	1.8E+03					MG/KG
		Manganese	390	E	2.4E+03	1.0E+02	1.9E+03			MG/KG
		Mercury	0.04		2.8E-01	1.5E-01	3.1E+01		8.9E-01	MG/KG
		Nickel	39	B E	1.3E+01	3.0E+01	2.0E+03	1.3E+02	1.0E+02	MG/KG
		Potassium	1100	B	6.9E+02					MG/KG
		Silver	1.6	B	6.9E-01	2.0E+00	5.1E+02	3.4E+01	4.4E+00	MG/KG
		Vanadium	46	B	3.1E+01	4.6E+01	7.2E+02	6.0E+03	9.8E+02	MG/KG
		Zinc	50	B	4.1E+01	1.2E+02	3.1E+04	1.2E+04	5.1E+03	MG/KG

Notes:
Shading indicates an exceedance of criteria

Appendix C
1998 USEPA Soil Sample Results

Max of Result										
Area	**Sample ID**	**Constituent**	**Total**	**CE**	**Soil Bkg 95UTL**	**ESV Std**	**HH Std**	**EPA STG (DAF=20)**	**IEPA Class I**	**Unit**
0062	62-02C	**Aluminum**	15000	B E	9.1E+03	5.0E+01	1.0E+05			MG/KG
		Barium	73		2.4E+02	5.0E+02	6.7E+03	1.6E+03	1.5E+03	MG/KG
		Beryllium	0.7	B	4.9E-01	1.0E+01	1.9E+02	6.3E+01	2.2E+01	MG/KG
		Bis(2-Ethylhexyl)phthalate	110			9.3E+02	1.2E+05		3.6E+06	UG/KG
		Calcium	1800		2.9E+03					MG/KG
		Chromium	23	B E	1.4E+01	5.0E+00	4.2E+02	3.8E+01	4.0E+01	MG/KG
		Cobalt	4.5		9.3E+00	2.0E+01	1.9E+03			MG/KG
		Copper	7.9		9.4E+00	3.1E+01	4.1E+03		5.9E+04	MG/KG
		Iron	16000	E	2.0E+04	2.0E+02	3.1E+04			MG/KG
		Magnesium	2100	B	1.8E+03					MG/KG
		Manganese	140	E	2.4E+03	1.0E+02	1.9E+03			MG/KG
		Mercury	0.04		2.8E-01	1.5E-01	3.1E+01		8.9E-01	MG/KG
		Nickel	210	B E W1 W2	1.3E+01	3.0E+01	2.0E+03	1.3E+02	1.0E+02	MG/KG
		Potassium	1000	B	6.9E+02					MG/KG
		Vanadium	36	B	3.1E+01	4.6E+01	7.2E+02	6.0E+03	9.8E+02	MG/KG
		Zinc	32		4.1E+01	1.2E+02	3.1E+04	1.2E+04	5.1E+03	MG/KG
0063	63-01	**Aluminum**	15000	B E	9.1E+03	5.0E+01	1.0E+05			MG/KG
		Arsenic	10	E H	1.3E+01	9.0E+00	1.6E+00	2.9E+01	2.9E+01	MG/KG
		Barium	150		2.4E+02	5.0E+02	6.7E+03	1.6E+03	1.5E+03	MG/KG
		Beryllium	0.9	B	4.9E-01	1.0E+01	1.9E+02	6.3E+01	2.2E+01	MG/KG
		Cadmium	3.4	B E	3.5E-01	3.7E-01	4.5E+01	8.0E+00	5.2E+00	MG/KG
		Calcium	1800		2.9E+03					MG/KG
		Chromium	24	B E	1.4E+01	5.0E+00	4.2E+02	3.8E+01	4.0E+01	MG/KG
		Cobalt	13	B	9.3E+00	2.0E+01	1.9E+03			MG/KG
		Copper	16	B	9.4E+00	3.1E+01	4.1E+03		5.9E+04	MG/KG
		Iron	25000	B E	2.0E+04	2.0E+02	3.1E+04			MG/KG
		Magnesium	2000	B	1.8E+03					MG/KG
		Manganese	470	E	2.4E+03	1.0E+02	1.9E+03			MG/KG
		Mercury	0.04		2.8E-01	1.5E-01	3.1E+01		8.9E-01	MG/KG
		Nickel	32	B E	1.3E+01	3.0E+01	2.0E+03	1.3E+02	1.0E+02	MG/KG
		Potassium	1600	B	6.9E+02					MG/KG
		Silver	1.3	B	6.9E-01	2.0E+00	5.1E+02	3.4E+01	4.4E+00	MG/KG
		Vanadium	52	B E	3.1E+01	4.6E+01	7.2E+02	6.0E+03	9.8E+02	MG/KG
		Zinc	140	B E	4.1E+01	1.2E+02	3.1E+04	1.2E+04	5.1E+03	MG/KG
0064	64-01	**Aluminum**	14000	B E	9.1E+03	5.0E+01	1.0E+05			MG/KG
		Barium	180		2.4E+02	5.0E+02	6.7E+03	1.6E+03	1.5E+03	MG/KG
		Beryllium	1.1	B	4.9E-01	1.0E+01	1.9E+02	6.3E+01	2.2E+01	MG/KG
		Calcium	5100	B	2.9E+03					MG/KG
		Chromium	19	B E	1.4E+01	5.0E+00	4.2E+02	3.8E+01	4.0E+01	MG/KG
		Cobalt	13	B	9.3E+00	2.0E+01	1.9E+03			MG/KG
		Copper	13	B	9.4E+00	3.1E+01	4.1E+03		5.9E+04	MG/KG
		Iron	21000	B E	2.0E+04	2.0E+02	3.1E+04			MG/KG
		Magnesium	3800	B	1.8E+03					MG/KG
		Manganese	560	E	2.4E+03	1.0E+02	1.9E+03			MG/KG
		Nickel	19	B	1.3E+01	3.0E+01	2.0E+03	1.3E+02	1.0E+02	MG/KG
		Potassium	950	B	6.9E+02					MG/KG
		Silver	1.2	B	6.9E-01	2.0E+00	5.1E+02	3.4E+01	4.4E+00	MG/KG
		Sodium	300	B	8.5E+01					MG/KG
		Vanadium	35	B	3.1E+01	4.6E+01	7.2E+02	6.0E+03	9.8E+02	MG/KG
		Zinc	72	B	4.1E+01	1.2E+02	3.1E+04	1.2E+04	5.1E+03	MG/KG

Notes:
Shading indicates an exceedance of criteria

Appendix C
1998 USEPA Soil Sample Results

Max of Result										
Area	**Sample ID**	**Constituent**	**Total**	**CE**	**Soil Bkg 95UTL**	**ESV Std**	**HH Std**	**EPA STG (DAF=20)**	**IEPA Class I**	**Unit**
0065	65-01	2-Methylnaphthalene	130			4.6E+04	1.8E+03	8.4E+04		UG/KG
		Aluminum	7700	E	9.1E+03	5.0E+01	1.0E+05			MG/KG
		Barium	72		2.4E+02	5.0E+02	6.7E+03	1.6E+03	1.5E+03	MG/KG
		Beryllium	0.5	B	4.9E-01	1.0E+01	1.9E+02	6.3E+01	2.2E+01	MG/KG
		Bis(2-Ethylhexyl)phthalate	140			9.3E+02	1.2E+05		3.6E+06	UG/KG
		Calcium	66000	B	2.9E+03					MG/KG
		Chromium	12	E	1.4E+01	5.0E+00	4.2E+02	3.8E+01	4.0E+01	MG/KG
		Cobalt	6.6		9.3E+00	2.0E+01	1.9E+03			MG/KG
		Copper	7.8		9.4E+00	3.1E+01	4.1E+03		5.9E+04	MG/KG
		Dibenzofuran	110			2.5E+04	3.1E+05			UG/KG
		Iron	14000	E	2.0E+04	2.0E+02	3.1E+04			MG/KG
		Magnesium	5800	B	1.8E+03					MG/KG
		Manganese	480	E	2.4E+03	1.0E+02	1.9E+03			MG/KG
		Mercury	0.04		2.8E-01	1.5E-01	3.1E+01		8.9E-01	MG/KG
		Nickel	13	B	1.3E+01	3.0E+01	2.0E+03	1.3E+02	1.0E+02	MG/KG
		Phenanthrene	96			1.8E+04	2.9E+06	4.2E+06		UG/KG
		Potassium	1200	B	6.9E+02					MG/KG
		Vanadium	23		3.1E+01	4.6E+01	7.2E+02	6.0E+03	9.8E+02	MG/KG
		Zinc	49	B	4.1E+01	1.2E+02	3.1E+04	1.2E+04	5.1E+03	MG/KG
	65-02	2-Methylnaphthalene	120			4.6E+04	1.8E+03	8.4E+04		UG/KG
		Acenaphthylene	240			8.3E+03	1.8E+03	8.4E+04		UG/KG
		Aluminum	13000	B E	9.1E+03	5.0E+01	1.0E+05			MG/KG
		Anthracene	170			1.0E+04	2.4E+07	1.2E+07	1.2E+07	UG/KG
		Barium	120		2.4E+02	5.0E+02	6.7E+03	1.6E+03	1.5E+03	MG/KG
		Benzo[a]anthracene	750			3.0E+03	2.1E+03	2.0E+03	2.0E+03	UG/KG
		Benzo[a]pyrene	620	H		3.3E+03	2.1E+02	8.0E+03	8.0E+03	UG/KG
		Benzo[b]fluoranthene	1100			1.2E+03	2.1E+03	5.0E+03	5.0E+03	UG/KG
		Benzo[g,h,i]perylene	200			1.0E+05				UG/KG
		Benzo[k]fluoranthene	350			9.0E+04	2.1E+04	4.9E+04	4.9E+04	UG/KG
		Beryllium	0.6	B	4.9E-01	1.0E+01	1.9E+02	6.3E+01	2.2E+01	MG/KG
		Calcium	3500	B	2.9E+03					MG/KG
		Carbazole	230			1.3E+04	8.6E+04	6.0E+02	6.0E+02	UG/KG
		Chromium	17	B E	1.4E+01	5.0E+00	4.2E+02	3.8E+01	4.0E+01	MG/KG
		Chrysene	1200			4.7E+03	2.1E+05	1.6E+05	1.6E+05	UG/KG
		Cobalt	12	B	9.3E+00	2.0E+01	1.9E+03			MG/KG
		Copper	12	B	9.4E+00	3.1E+01	4.1E+03		5.9E+04	MG/KG
		Dibenz[a,h]anthracene	110			1.8E+04	2.1E+02	2.0E+03	2.0E+03	UG/KG
		Dibenzofuran	190			2.5E+04	3.1E+05			UG/KG
		Fluoranthene	2100			1.0E+05	2.2E+06	4.3E+06	4.3E+06	UG/KG
		Fluorene	320			2.2E+04	2.6E+06	5.6E+05	5.6E+05	UG/KG
		Indeno[1,2,3-c,d]pyrene	260			9.0E+04	2.1E+03	1.4E+04	1.4E+04	UG/KG
		Iron	18000	E	2.0E+04	2.0E+02	3.1E+04			MG/KG
		Lead	21		2.6E+01	4.3E+02	4.0E+02			MG/KG
		Magnesium	2000	B	1.8E+03					MG/KG
		Manganese	970	E	2.4E+03	1.0E+02	1.9E+03			MG/KG
		Mercury	0.23	E	2.8E-01	1.5E-01	3.1E+01		8.9E-01	MG/KG
		Nickel	15	B	1.3E+01	3.0E+01	2.0E+03	1.3E+02	1.0E+02	MG/KG
		Phenanthrene	2600			1.8E+04	2.9E+06	4.2E+06		UG/KG
		Potassium	1500	B	6.9E+02					MG/KG
		Pyrene	1400			7.9E+04	2.9E+06	4.2E+06	4.2E+06	UG/KG
		Silver	1.3	B	6.9E-01	2.0E+00	5.1E+02	3.4E+01	4.4E+00	MG/KG
		Vanadium	32	B	3.1E+01	4.6E+01	7.2E+02	6.0E+03	9.8E+02	MG/KG
		Zinc	150	B E	4.1E+01	1.2E+02	3.1E+04	1.2E+04	5.1E+03	MG/KG

Notes:
Shading indicates an exceedance of criteria

Appendix C
1998 USEPA Soil Sample Results

Max of Result										
Area	**Sample ID**	**Constituent**	**Total**	**CE**	**Soil Bkg 95UTL**	**ESV Std**	**HH Std**	**EPA STG (DAF=20)**	**IEPA Class I**	**Unit**
0066	66-01	**Aluminum**	11000	B E	9.1E+03	5.0E+01	1.0E+05			MG/KG
		Barium	100		2.4E+02	5.0E+02	6.7E+03	1.6E+03	1.5E+03	MG/KG
		Beryllium	0.6	B	4.9E-01	1.0E+01	1.9E+02	6.3E+01	2.2E+01	MG/KG
		Calcium	600		2.9E+03					MG/KG
		Chromium	19	B E	1.4E+01	5.0E+00	4.2E+02	3.8E+01	4.0E+01	MG/KG
		Cobalt	7		9.3E+00	2.0E+01	1.9E+03			MG/KG
		Copper	10	B	9.4E+00	3.1E+01	4.1E+03		5.9E+04	MG/KG
		Di-n-butylphthalate	230			7.1E+02	2.3E+06	2.3E+06	2.3E+06	UG/KG
		Iron	19000	E	2.0E+04	2.0E+02	3.1E+04			MG/KG
		Magnesium	1700		1.8E+03					MG/KG
		Manganese	240	E	2.4E+03	1.0E+02	1.9E+03			MG/KG
		Mercury	0.05		2.8E-01	1.5E-01	3.1E+01		8.9E-01	MG/KG
		Nickel	14	B	1.3E+01	3.0E+01	2.0E+03	1.3E+02	1.0E+02	MG/KG
		Potassium	1100	B	6.9E+02					MG/KG
		Silver	1.5	B	6.9E-01	2.0E+00	5.1E+02	3.4E+01	4.4E+00	MG/KG
		Vanadium	32	B	3.1E+01	4.6E+01	7.2E+02	6.0E+03	9.8E+02	MG/KG
		Zinc	44	B	4.1E+01	1.2E+02	3.1E+04	1.2E+04	5.1E+03	MG/KG
106A	57-01	**Aluminum**	15000	B E	9.1E+03	5.0E+01	1.0E+05			MG/KG
		Barium	150		2.4E+02	5.0E+02	6.7E+03	1.6E+03	1.5E+03	MG/KG
		Beryllium	0.7	B	4.9E-01	1.0E+01	1.9E+02	6.3E+01	2.2E+01	MG/KG
		Bis(2-Ethylhexyl)phthalate	160			9.3E+02	1.2E+05		3.6E+06	UG/KG
		Calcium	930		2.9E+03					MG/KG
		Chromium	21	B E	1.4E+01	5.0E+00	4.2E+02	3.8E+01	4.0E+01	MG/KG
		Cobalt	8.5		9.3E+00	2.0E+01	1.9E+03			MG/KG
		Copper	16	B	9.4E+00	3.1E+01	4.1E+03		5.9E+04	MG/KG
		Iron	22000	B E	2.0E+04	2.0E+02	3.1E+04			MG/KG
		Magnesium	2600	B	1.8E+03					MG/KG
		Manganese	400	E	2.4E+03	1.0E+02	1.9E+03			MG/KG
		Mercury	0.04		2.8E-01	1.5E-01	3.1E+01		8.9E-01	MG/KG
		Nickel	16	B	1.3E+01	3.0E+01	2.0E+03	1.3E+02	1.0E+02	MG/KG
		Potassium	1300	B	6.9E+02					MG/KG
		Vanadium	34	B	3.1E+01	4.6E+01	7.2E+02	6.0E+03	9.8E+02	MG/KG
		Zinc	58	B	4.1E+01	1.2E+02	3.1E+04	1.2E+04	5.1E+03	MG/KG
	76-01	Silver	1.4	B	6.9E-01	2.0E+00	5.1E+02	3.4E+01	4.4E+00	MG/KG
11A	49-02	**Aluminum**	13000	B E	9.1E+03	5.0E+01	1.0E+05			MG/KG
		Barium	120		2.4E+02	5.0E+02	6.7E+03	1.6E+03	1.5E+03	MG/KG
		Benzo[a]anthracene	130			3.0E+03	2.1E+03	2.0E+03	2.0E+03	UG/KG
		Benzo[a]pyrene	130			3.3E+03	2.1E+02	8.0E+03	8.0E+03	UG/KG
		Benzo[b]fluoranthene	220			1.2E+03	2.1E+03	5.0E+03	5.0E+03	UG/KG
		Beryllium	0.9	B	4.9E-01	1.0E+01	1.9E+02	6.3E+01	2.2E+01	MG/KG
		Bis(2-Ethylhexyl)phthalate	2200	E		9.3E+02	1.2E+05		3.6E+06	UG/KG
		Calcium	19000	B	2.9E+03					MG/KG
		Chromium	66	B E W1 W2	1.4E+01	5.0E+00	4.2E+02	3.8E+01	4.0E+01	MG/KG
		Chrysene	150			4.7E+03	2.1E+05	1.6E+05	1.6E+05	UG/KG
		Cobalt	14	B	9.3E+00	2.0E+01	1.9E+03			MG/KG
		Copper	18	B	9.4E+00	3.1E+01	4.1E+03		5.9E+04	MG/KG
		Di-n-butylphthalate	130			7.1E+02	2.3E+06	2.3E+06	2.3E+06	UG/KG
		Fluoranthene	330			1.0E+05	2.2E+06	4.3E+06	4.3E+06	UG/KG
		Iron	22000	B E	2.0E+04	2.0E+02	3.1E+04			MG/KG
		Lead	27	B	2.6E+01	4.3E+02	4.0E+02			MG/KG
		Magnesium	4400	B	1.8E+03					MG/KG
		Manganese	990	E	2.4E+03	1.0E+02	1.9E+03			MG/KG
		Mercury	0.17	E	2.8E-01	1.5E-01	3.1E+01		8.9E-01	MG/KG
		Nickel	26	B	1.3E+01	3.0E+01	2.0E+03	1.3E+02	1.0E+02	MG/KG
		Phenanthrene	130			1.8E+04	2.9E+06	4.2E+06		UG/KG
		Potassium	1100	B	6.9E+02					MG/KG
		Pyrene	260			7.9E+04	2.9E+06	4.2E+06	4.2E+06	UG/KG
		Vanadium	35	B	3.1E+01	4.6E+01	7.2E+02	6.0E+03	9.8E+02	MG/KG
		Zinc	180	B E	4.1E+01	1.2E+02	3.1E+04	1.2E+04	5.1E+03	MG/KG

Notes:
Shading indicates an exceedance of criteria

Appendix C
1998 USEPA Soil Sample Results

Max of Result										
Area	**Sample ID**	**Constituent**	**Total**	**CE**	**Soil Bkg 95UTL**	**ESV Std**	**HH Std**	**EPA STG (DAF=20)**	**IEPA Class I**	**Unit**
11H	47-01C	**Aluminum**	9800	B E	9.1E+03	5.0E+01	1.0E+05			MG/KG
		Barium	170		2.4E+02	5.0E+02	6.7E+03	1.6E+03	1.5E+03	MG/KG
		Beryllium	0.8	B	4.9E-01	1.0E+01	1.9E+02	6.3E+01	2.2E+01	MG/KG
		Calcium	11000	B	2.9E+03					MG/KG
		Chromium	17	B E	1.4E+01	5.0E+00	4.2E+02	3.8E+01	4.0E+01	MG/KG
		Cobalt	8.9		9.3E+00	2.0E+01	1.9E+03			MG/KG
		Copper	31	B	9.4E+00	3.1E+01	4.1E+03		5.9E+04	MG/KG
		Iron	25000	B E	2.0E+04	2.0E+02	3.1E+04			MG/KG
		Lead	19		2.6E+01	4.3E+02	4.0E+02			MG/KG
		Magnesium	4500	B	1.8E+03					MG/KG
		Manganese	560	E	2.4E+03	1.0E+02	1.9E+03			MG/KG
		Mercury	0.05		2.8E-01	1.5E-01	3.1E+01		8.9E-01	MG/KG
		Nickel	25	B	1.3E+01	3.0E+01	2.0E+03	1.3E+02	1.0E+02	MG/KG
		Potassium	910	B	6.9E+02					MG/KG
		Vanadium	25		3.1E+01	4.6E+01	7.2E+02	6.0E+03	9.8E+02	MG/KG
		Zinc	78	B	4.1E+01	1.2E+02	3.1E+04	1.2E+04	5.1E+03	MG/KG
	47-02C	**Aluminum**	12000	B E	9.1E+03	5.0E+01	1.0E+05			MG/KG
		Barium	100		2.4E+02	5.0E+02	6.7E+03	1.6E+03	1.5E+03	MG/KG
		Benzo[b]fluoranthene	160			1.2E+03	2.1E+03	5.0E+03	5.0E+03	UG/KG
		Beryllium	0.6	B	4.9E-01	1.0E+01	1.9E+02	6.3E+01	2.2E+01	MG/KG
		Bis(2-Ethylhexyl)phthalate	120			9.3E+02	1.2E+05		3.6E+06	UG/KG
		Calcium	29000	B	2.9E+03					MG/KG
		Chromium	16	B E	1.4E+01	5.0E+00	4.2E+02	3.8E+01	4.0E+01	MG/KG
		Cobalt	6		9.3E+00	2.0E+01	1.9E+03			MG/KG
		Copper	11	B	9.4E+00	3.1E+01	4.1E+03		5.9E+04	MG/KG
		Iron	16000	E	2.0E+04	2.0E+02	3.1E+04			MG/KG
		Lead	19		2.6E+01	4.3E+02	4.0E+02			MG/KG
		Magnesium	15000	B	1.8E+03					MG/KG
		Manganese	470	E	2.4E+03	1.0E+02	1.9E+03			MG/KG
		Mercury	0.04		2.8E-01	1.5E-01	3.1E+01		8.9E-01	MG/KG
		Nickel	26	B	1.3E+01	3.0E+01	2.0E+03	1.3E+02	1.0E+02	MG/KG
		Potassium	960	B	6.9E+02					MG/KG
		Vanadium	33	B	3.1E+01	4.6E+01	7.2E+02	6.0E+03	9.8E+02	MG/KG
		Zinc	140	B E	4.1E+01	1.2E+02	3.1E+04	1.2E+04	5.1E+03	MG/KG
11P	49-03	**Aluminum**	14000	B E	9.1E+03	5.0E+01	1.0E+05			MG/KG
		Barium	96		2.4E+02	5.0E+02	6.7E+03	1.6E+03	1.5E+03	MG/KG
		Benzoic Acid	1600				1.0E+08	4.0E+05	4.0E+05	UG/KG
		Beryllium	0.8	B	4.9E-01	1.0E+01	1.9E+02	6.3E+01	2.2E+01	MG/KG
		Bis(2-Ethylhexyl)phthalate	130			9.3E+02	1.2E+05		3.6E+06	UG/KG
		Calcium	4000	B	2.9E+03					MG/KG
		Chromium	17	B E	1.4E+01	5.0E+00	4.2E+02	3.8E+01	4.0E+01	MG/KG
		Cobalt	9.1		9.3E+00	2.0E+01	1.9E+03			MG/KG
		Copper	11	B	9.4E+00	3.1E+01	4.1E+03		5.9E+04	MG/KG
		Iron	18000	E	2.0E+04	2.0E+02	3.1E+04			MG/KG
		Lead	18		2.6E+01	4.3E+02	4.0E+02			MG/KG
		Magnesium	3400	B	1.8E+03					MG/KG
		Manganese	650	E	2.4E+03	1.0E+02	1.9E+03			MG/KG
		Mercury	0.06		2.8E-01	1.5E-01	3.1E+01		8.9E-01	MG/KG
		Nickel	12		1.3E+01	3.0E+01	2.0E+03	1.3E+02	1.0E+02	MG/KG
		Potassium	950	B	6.9E+02					MG/KG
		Vanadium	32	B	3.1E+01	4.6E+01	7.2E+02	6.0E+03	9.8E+02	MG/KG
		Zinc	44	B	4.1E+01	1.2E+02	3.1E+04	1.2E+04	5.1E+03	MG/KG

Notes:
Shading indicates an exceedance of criteria

Appendix C
1998 USEPA Soil Sample Results

Max of Result

Area	Sample ID	Constituent	Total	CE	Soil Bkg 95UTL	ESV Std	HH Std	EPA STG (DAF=20)	IEPA Class I	Unit
11P	50-01	**Aluminum**	13000	B E	9.1E+03	5.0E+01	1.0E+05			MG/KG
		Barium	110		2.4E+02	5.0E+02	6.7E+03	1.6E+03	1.5E+03	MG/KG
		Beryllium	0.8	B	4.9E-01	1.0E+01	1.9E+02	6.3E+01	2.2E+01	MG/KG
		Bis(2-Ethylhexyl)phthalate	400			9.3E+02	1.2E+05		3.6E+06	UG/KG
		Calcium	3900	B	2.9E+03					MG/KG
		Chromium	19	B E	1.4E+01	5.0E+00	4.2E+02	3.8E+01	4.0E+01	MG/KG
		Cobalt	12	B	9.3E+00	2.0E+01	1.9E+03			MG/KG
		Copper	9.6	B	9.4E+00	3.1E+01	4.1E+03		5.9E+04	MG/KG
		Iron	22000	B E	2.0E+04	2.0E+02	3.1E+04			MG/KG
		Lead	14		2.6E+01	4.3E+02	4.0E+02			MG/KG
		Magnesium	3700	B	1.8E+03					MG/KG
		Manganese	1400	E	2.4E+03	1.0E+02	1.9E+03			MG/KG
		Mercury	0.08		2.8E-01	1.5E-01	3.1E+01		8.9E-01	MG/KG
		Nickel	12		1.3E+01	3.0E+01	2.0E+03	1.3E+02	1.0E+02	MG/KG
		Potassium	920	B	6.9E+02					MG/KG
		Vanadium	41	B	3.1E+01	4.6E+01	7.2E+02	6.0E+03	9.8E+02	MG/KG
		Zinc	47	B	4.1E+01	1.2E+02	3.1E+04	1.2E+04	5.1E+03	MG/KG
11S	44-01	**2-Methylnaphthalene**	14000	H		4.6E+04	1.8E+03	8.4E+04		UG/KG
		Aluminum	4900	E	9.1E+03	5.0E+01	1.0E+05			MG/KG
		Anthracene	320			1.0E+04	2.4E+07	1.2E+07	1.2E+07	UG/KG
		Barium	53		2.4E+02	5.0E+02	6.7E+03	1.6E+03	1.5E+03	MG/KG
		Benzo[a]anthracene	830			3.0E+03	2.1E+03	2.0E+03	2.0E+03	UG/KG
		Benzo[a]pyrene	370	H		3.3E+03	2.1E+02	8.0E+03	8.0E+03	UG/KG
		Benzo[b]fluoranthene	620			1.2E+03	2.1E+03	5.0E+03	5.0E+03	UG/KG
		Beryllium	0.8	B	4.9E-01	1.0E+01	1.9E+02	6.3E+01	2.2E+01	MG/KG
		Calcium	3900	B	2.9E+03					MG/KG
		Chromium	9.7	E	1.4E+01	5.0E+00	4.2E+02	3.8E+01	4.0E+01	MG/KG
		Chrysene	820			4.7E+03	2.1E+05	1.6E+05	1.6E+05	UG/KG
		Cobalt	5.6		9.3E+00	2.0E+01	1.9E+03			MG/KG
		Copper	10	B	9.4E+00	3.1E+01	4.1E+03		5.9E+04	MG/KG
		Dibenzofuran	3500			2.5E+04	3.1E+05			UG/KG
		Fluoranthene	840			1.0E+05	2.2E+06	4.3E+06	4.3E+06	UG/KG
		Iron	16000	E	2.0E+04	2.0E+02	3.1E+04			MG/KG
		Lead	42	B	2.6E+01	4.3E+02	4.0E+02			MG/KG
		Magnesium	1300		1.8E+03					MG/KG
		Manganese	360	E	2.4E+03	1.0E+02	1.9E+03			MG/KG
		Mercury	0.26	E	2.8E-01	1.5E-01	3.1E+01		8.9E-01	MG/KG
		Naphthalene	4500	H		4.6E+04	1.8E+03	8.4E+04	1.2E+04	UG/KG
		Nickel	13	B	1.3E+01	3.0E+01	2.0E+03	1.3E+02	1.0E+02	MG/KG
		Phenanthrene	4800			1.8E+04	2.9E+06	4.2E+06		UG/KG
		Potassium	730	B	6.9E+02					MG/KG
		Pyrene	1600			7.9E+04	2.9E+06	4.2E+06	4.2E+06	UG/KG
		Vanadium	24		3.1E+01	4.6E+01	7.2E+02	6.0E+03	9.8E+02	MG/KG
		Zinc	78	B	4.1E+01	1.2E+02	3.1E+04	1.2E+04	5.1E+03	MG/KG
	44-02	2-Methylnaphthalene	840			4.6E+04	1.8E+03	8.4E+04		UG/KG
		Aluminum	10000	B E	9.1E+03	5.0E+01	1.0E+05			MG/KG
		Barium	75		2.4E+02	5.0E+02	6.7E+03	1.6E+03	1.5E+03	MG/KG
		Beryllium	0.9	B	4.9E-01	1.0E+01	1.9E+02	6.3E+01	2.2E+01	MG/KG
		Bis(2-Ethylhexyl)phthalate	290			9.3E+02	1.2E+05		3.6E+06	UG/KG
		Calcium	5000	B	2.9E+03					MG/KG
		Chromium	14	B E	1.4E+01	5.0E+00	4.2E+02	3.8E+01	4.0E+01	MG/KG
		Cobalt	8.1		9.3E+00	2.0E+01	1.9E+03			MG/KG
		Copper	12	B	9.4E+00	3.1E+01	4.1E+03		5.9E+04	MG/KG
		Dibenzofuran	240			2.5E+04	3.1E+05			UG/KG
		Iron	19000	E	2.0E+04	2.0E+02	3.1E+04			MG/KG
		Lead	38	B	2.6E+01	4.3E+02	4.0E+02			MG/KG
		Magnesium	1900	B	1.8E+03					MG/KG
		Manganese	500	E	2.4E+03	1.0E+02	1.9E+03			MG/KG
		Mercury	0.36	B E	2.8E-01	1.5E-01	3.1E+01		8.9E-01	MG/KG
		Naphthalene	350			4.6E+04	1.8E+03	8.4E+04	1.2E+04	UG/KG
		Nickel	17	B	1.3E+01	3.0E+01	2.0E+03	1.3E+02	1.0E+02	MG/KG
		Phenanthrene	380			1.8E+04	2.9E+06	4.2E+06		UG/KG
		Potassium	850	B	6.9E+02					MG/KG
		Vanadium	33	B	3.1E+01	4.6E+01	7.2E+02	6.0E+03	9.8E+02	MG/KG
		Zinc	110	B	4.1E+01	1.2E+02	3.1E+04	1.2E+04	5.1E+03	MG/KG

Notes:
Shading indicates an exceedance of criteria

Appendix C
1998 USEPA Soil Sample Results

Max of Result										
Area	**Sample ID**	**Constituent**	**Total**	**CE**	**Soil Bkg 95UTL**	**ESV Std**	**HH Std**	**EPA STG (DAF=20)**	**IEPA Class I**	**Unit**
11S	44-03	2-Methylnaphthalene	790			4.6E+04	1.8E+03	8.4E+04		UG/KG
		Aluminum	9700	B E	9.1E+03	5.0E+01	1.0E+05			MG/KG
		Barium	96		2.4E+02	5.0E+02	6.7E+03	1.6E+03	1.5E+03	MG/KG
		Benzo[b]fluoranthene	320			1.2E+03	2.1E+03	5.0E+03	5.0E+03	UG/KG
		Beryllium	0.7	B	4.9E-01	1.0E+01	1.9E+02	6.3E+01	2.2E+01	MG/KG
		Bis(2-Ethylhexyl)phthalate	1100	E		9.3E+02	1.2E+05		3.6E+06	UG/KG
		Calcium	4000	B	2.9E+03					MG/KG
		Chromium	13	E	1.4E+01	5.0E+00	4.2E+02	3.8E+01	4.0E+01	MG/KG
		Chrysene	220			4.7E+03	2.1E+05	1.6E+05	1.6E+05	UG/KG
		Cobalt	13	B	9.3E+00	2.0E+01	1.9E+03			MG/KG
		Copper	10	B	9.4E+00	3.1E+01	4.1E+03		5.9E+04	MG/KG
		Di-n-octylphthalate	230			6.1E+05	2.5E+06	1.0E+07	1.0E+07	UG/KG
		Fluoranthene	280			1.0E+05	2.2E+06	4.3E+06	4.3E+06	UG/KG
		Iron	16000	E	2.0E+04	2.0E+02	3.1E+04			MG/KG
		Lead	17		2.6E+01	4.3E+02	4.0E+02			MG/KG
		Magnesium	2400	B	1.8E+03					MG/KG
		Manganese	800	E	2.4E+03	1.0E+02	1.9E+03			MG/KG
		Mercury	0.13		2.8E-01	1.5E-01	3.1E+01		8.9E-01	MG/KG
		Naphthalene	300			4.6E+04	1.8E+03	8.4E+04	1.2E+04	UG/KG
		Nickel	14	B	1.3E+01	3.0E+01	2.0E+03	1.3E+02	1.0E+02	MG/KG
		Phenanthrene	340			1.8E+04	2.9E+06	4.2E+06		UG/KG
		Potassium	1200	B	6.9E+02					MG/KG
		Pyrene	190			7.9E+04	2.9E+06	4.2E+06	4.2E+06	UG/KG
		Vanadium	29		3.1E+01	4.6E+01	7.2E+02	6.0E+03	9.8E+02	MG/KG
		Zinc	53	B	4.1E+01	1.2E+02	3.1E+04	1.2E+04	5.1E+03	MG/KG
	46-01C	2-Methylnaphthalene	94			4.6E+04	1.8E+03	8.4E+04		UG/KG
		Aluminum	9500	B E	9.1E+03	5.0E+01	1.0E+05			MG/KG
		Barium	110		2.4E+02	5.0E+02	6.7E+03	1.6E+03	1.5E+03	MG/KG
		Benzoic Acid	97				1.0E+08	4.0E+05	4.0E+05	UG/KG
		Beryllium	0.7	B	4.9E-01	1.0E+01	1.9E+02	6.3E+01	2.2E+01	MG/KG
		Bis(2-Ethylhexyl)phthalate	560			9.3E+02	1.2E+05		3.6E+06	UG/KG
		Calcium	3000	B	2.9E+03					MG/KG
		Chromium	15	B E	1.4E+01	5.0E+00	4.2E+02	3.8E+01	4.0E+01	MG/KG
		Cobalt	7.6		9.3E+00	2.0E+01	1.9E+03			MG/KG
		Copper	12	B	9.4E+00	3.1E+01	4.1E+03		5.9E+04	MG/KG
		Di-n-butylphthalate	91			7.1E+02	2.3E+06	2.3E+06	2.3E+06	UG/KG
		Iron	17000	E	2.0E+04	2.0E+02	3.1E+04			MG/KG
		Lead	20		2.6E+01	4.3E+02	4.0E+02			MG/KG
		Magnesium	2400	B	1.8E+03					MG/KG
		Manganese	370	E	2.4E+03	1.0E+02	1.9E+03			MG/KG
		Nickel	20	B	1.3E+01	3.0E+01	2.0E+03	1.3E+02	1.0E+02	MG/KG
		Potassium	730	B	6.9E+02					MG/KG
		Vanadium	28		3.1E+01	4.6E+01	7.2E+02	6.0E+03	9.8E+02	MG/KG
		Zinc	92	B	4.1E+01	1.2E+02	3.1E+04	1.2E+04	5.1E+03	MG/KG

Notes:
Shading indicates an exceedance of criteria

Appendix C
1998 USEPA Soil Sample Results

Max of Result										
Area	**Sample ID**	**Constituent**	**Total**	**CE**	**Soil Bkg 95UTL**	**ESV Std**	**HH Std**	**EPA STG (DAF=20)**	**IEPA Class I**	**Unit**
11S	46-02	**Aluminum**	11000	B E	9.1E+03	5.0E+01	1.0E+05			MG/KG
		Barium	130		2.4E+02	5.0E+02	6.7E+03	1.6E+03	1.5E+03	MG/KG
		Beryllium	0.7	B	4.9E-01	1.0E+01	1.9E+02	6.3E+01	2.2E+01	MG/KG
		Calcium	12000	B	2.9E+03					MG/KG
		Chromium	24	B E	1.4E+01	5.0E+00	4.2E+02	3.8E+01	4.0E+01	MG/KG
		Cobalt	9		9.3E+00	2.0E+01	1.9E+03			MG/KG
		Copper	22	B	9.4E+00	3.1E+01	4.1E+03		5.9E+04	MG/KG
		Iron	20000	B E	2.0E+04	2.0E+02	3.1E+04			MG/KG
		Lead	73	B	2.6E+01	4.3E+02	4.0E+02			MG/KG
		Magnesium	5000	B	1.8E+03					MG/KG
		Manganese	420	E	2.4E+03	1.0E+02	1.9E+03			MG/KG
		Mercury	0.12		2.8E-01	1.5E-01	3.1E+01		8.9E-01	MG/KG
		Nickel	19	B	1.3E+01	3.0E+01	2.0E+03	1.3E+02	1.0E+02	MG/KG
		Potassium	1100	B	6.9E+02					MG/KG
		Vanadium	29		3.1E+01	4.6E+01	7.2E+02	6.0E+03	9.8E+02	MG/KG
		Zinc	410	B E	4.1E+01	1.2E+02	3.1E+04	1.2E+04	5.1E+03	MG/KG
	46-03	Aluminum	9000	E	9.1E+03	5.0E+01	1.0E+05			MG/KG
		Barium	110		2.4E+02	5.0E+02	6.7E+03	1.6E+03	1.5E+03	MG/KG
		Beryllium	0.6	B	4.9E-01	1.0E+01	1.9E+02	6.3E+01	2.2E+01	MG/KG
		Calcium	42000	B	2.9E+03					MG/KG
		Chromium	19	B E	1.4E+01	5.0E+00	4.2E+02	3.8E+01	4.0E+01	MG/KG
		Cobalt	10	B	9.3E+00	2.0E+01	1.9E+03			MG/KG
		Copper	16	B	9.4E+00	3.1E+01	4.1E+03		5.9E+04	MG/KG
		Dibenz[a,h]anthracene	3000	H W1 W2		1.8E+04	2.1E+02	2.0E+03	2.0E+03	UG/KG
		Iron	20000	B E	2.0E+04	2.0E+02	3.1E+04			MG/KG
		Lead	38	B	2.6E+01	4.3E+02	4.0E+02			MG/KG
		Magnesium	20000	B	1.8E+03					MG/KG
		Manganese	630	E	2.4E+03	1.0E+02	1.9E+03			MG/KG
		Mercury	0.12		2.8E-01	1.5E-01	3.1E+01		8.9E-01	MG/KG
		Nickel	14	B	1.3E+01	3.0E+01	2.0E+03	1.3E+02	1.0E+02	MG/KG
		Potassium	1000	B	6.9E+02					MG/KG
		Vanadium	28		3.1E+01	4.6E+01	7.2E+02	6.0E+03	9.8E+02	MG/KG
		Zinc	530	B E	4.1E+01	1.2E+02	3.1E+04	1.2E+04	5.1E+03	MG/KG
	46-04C	**Aluminum**	15000	B E	9.1E+03	5.0E+01	1.0E+05			MG/KG
		Barium	170		2.4E+02	5.0E+02	6.7E+03	1.6E+03	1.5E+03	MG/KG
		Benzo[b]fluoranthene	130			1.2E+03	2.1E+03	5.0E+03	5.0E+03	UG/KG
		Beryllium	0.8	B	4.9E-01	1.0E+01	1.9E+02	6.3E+01	2.2E+01	MG/KG
		Bis(2-Ethylhexyl)phthalate	410			9.3E+02	1.2E+05		3.6E+06	UG/KG
		Calcium	24000	B	2.9E+03					MG/KG
		Chromium	47	B E W1 W2	1.4E+01	5.0E+00	4.2E+02	3.8E+01	4.0E+01	MG/KG
		Cobalt	12	B	9.3E+00	2.0E+01	1.9E+03			MG/KG
		Copper	25	B	9.4E+00	3.1E+01	4.1E+03		5.9E+04	MG/KG
		Iron	24000	B E	2.0E+04	2.0E+02	3.1E+04			MG/KG
		Lead	290	B	2.6E+01	4.3E+02	4.0E+02			MG/KG
		Magnesium	15000	B	1.8E+03					MG/KG
		Manganese	600	E	2.4E+03	1.0E+02	1.9E+03			MG/KG
		Nickel	72	B E	1.3E+01	3.0E+01	2.0E+03	1.3E+02	1.0E+02	MG/KG
		Potassium	1600	B	6.9E+02					MG/KG
		Vanadium	35	B	3.1E+01	4.6E+01	7.2E+02	6.0E+03	9.8E+02	MG/KG
		Zinc	340	B E	4.1E+01	1.2E+02	3.1E+04	1.2E+04	5.1E+03	MG/KG

Notes:
Shading indicates an exceedance of criteria

Appendix C
1998 USEPA Soil Sample Results

Max of Result

Area	Sample ID	Constituent	Total	CE	Soil Bkg 95UTL	ESV Std	HH Std	EPA STG (DAF=20)	IEPA Class I	Unit
11S	49-01	**Aluminum**	10000	B E	9.1E+03	5.0E+01	1.0E+05			MG/KG
		Barium	140		2.4E+02	5.0E+02	6.7E+03	1.6E+03	1.5E+03	MG/KG
		Beryllium	0.7	B	4.9E-01	1.0E+01	1.9E+02	6.3E+01	2.2E+01	MG/KG
		Calcium	75000	B	2.9E+03					MG/KG
		Chromium	14	B E	1.4E+01	5.0E+00	4.2E+02	3.8E+01	4.0E+01	MG/KG
		Cobalt	6.4		9.3E+00	2.0E+01	1.9E+03			MG/KG
		Copper	8.3		9.4E+00	3.1E+01	4.1E+03		5.9E+04	MG/KG
		Di-n-butylphthalate	200			7.1E+02	2.3E+06	2.3E+06	2.3E+06	UG/KG
		Iron	25000	B E	2.0E+04	2.0E+02	3.1E+04			MG/KG
		Lead	18		2.6E+01	4.3E+02	4.0E+02			MG/KG
		Magnesium	9100	B	1.8E+03					MG/KG
		Manganese	450	E	2.4E+03	1.0E+02	1.9E+03			MG/KG
		Nickel	13	B	1.3E+01	3.0E+01	2.0E+03	1.3E+02	1.0E+02	MG/KG
		Potassium	1200	B	6.9E+02					MG/KG
		Vanadium	23		3.1E+01	4.6E+01	7.2E+02	6.0E+03	9.8E+02	MG/KG
		Zinc	52	B	4.1E+01	1.2E+02	3.1E+04	1.2E+04	5.1E+03	MG/KG
2B	6-01	Aluminum	8000	E	9.1E+03	5.0E+01	1.0E+05			MG/KG
		Barium	110		2.4E+02	5.0E+02	6.7E+03	1.6E+03	1.5E+03	MG/KG
		Benzo[b]fluoranthene	1100			1.2E+03	2.1E+03	5.0E+03	5.0E+03	UG/KG
		Benzo[k]fluoranthene	1100			9.0E+04	2.1E+04	4.9E+04	4.9E+04	UG/KG
		Beryllium	0.4		4.9E-01	1.0E+01	1.9E+02	6.3E+01	2.2E+01	MG/KG
		Cadmium	7.4	B E W2	3.5E-01	3.7E-01	4.5E+01	8.0E+00	5.2E+00	MG/KG
		Calcium	36000	B	2.9E+03					MG/KG
		Chromium	30	B E	1.4E+01	5.0E+00	4.2E+02	3.8E+01	4.0E+01	MG/KG
		Cobalt	5.7		9.3E+00	2.0E+01	1.9E+03			MG/KG
		Copper	24	B	9.4E+00	3.1E+01	4.1E+03		5.9E+04	MG/KG
		Dibenz[a,h]anthracene	2300	H W1 W2		1.8E+04	2.1E+02	2.0E+03	2.0E+03	UG/KG
		Diethylphthalate	180			1.0E+05	2.0E+06		4.7E+05	UG/KG
		Iron	16000	E	2.0E+04	2.0E+02	3.1E+04			MG/KG
		Lead	140	B	2.6E+01	4.3E+02	4.0E+02			MG/KG
		Magnesium	19000	B	1.8E+03					MG/KG
		Manganese	510	E	2.4E+03	1.0E+02	1.9E+03			MG/KG
		Mercury	0.06		2.8E-01	1.5E-01	3.1E+01		8.9E-01	MG/KG
		Nickel	14	B	1.3E+01	3.0E+01	2.0E+03	1.3E+02	1.0E+02	MG/KG
		Potassium	1300	B	6.9E+02					MG/KG
		Vanadium	21		3.1E+01	4.6E+01	7.2E+02	6.0E+03	9.8E+02	MG/KG
		Zinc	170	B E	4.1E+01	1.2E+02	3.1E+04	1.2E+04	5.1E+03	MG/KG
	6-02	**Aluminum**	13000	B E	9.1E+03	5.0E+01	1.0E+05			MG/KG
		Barium	130		2.4E+02	5.0E+02	6.7E+03	1.6E+03	1.5E+03	MG/KG
		Beryllium	0.5	B	4.9E-01	1.0E+01	1.9E+02	6.3E+01	2.2E+01	MG/KG
		Calcium	14000	B	2.9E+03					MG/KG
		Chromium	20	B E	1.4E+01	5.0E+00	4.2E+02	3.8E+01	4.0E+01	MG/KG
		Cobalt	6.8		9.3E+00	2.0E+01	1.9E+03			MG/KG
		Copper	15	B	9.4E+00	3.1E+01	4.1E+03		5.9E+04	MG/KG
		Iron	18000	E	2.0E+04	2.0E+02	3.1E+04			MG/KG
		Lead	45	B	2.6E+01	4.3E+02	4.0E+02			MG/KG
		Magnesium	3400	B	1.8E+03					MG/KG
		Manganese	680	E	2.4E+03	1.0E+02	1.9E+03			MG/KG
		Nickel	13	B	1.3E+01	3.0E+01	2.0E+03	1.3E+02	1.0E+02	MG/KG
		Potassium	1400	B	6.9E+02					MG/KG
		Vanadium	30		3.1E+01	4.6E+01	7.2E+02	6.0E+03	9.8E+02	MG/KG
		Zinc	130	B E	4.1E+01	1.2E+02	3.1E+04	1.2E+04	5.1E+03	MG/KG

Notes:
Shading indicates an exceedance of criteria

Appendix C
1998 USEPA Soil Sample Results

Max of Result

Area	Sample ID	Constituent	Total	CE	Soil Bkg 95UTL	ESV Std	HH Std	EPA STG (DAF=20)	IEPA Class I	Unit
2B	6-03	**Aluminum**	12000	B E	9.1E+03	5.0E+01	1.0E+05			MG/KG
		Barium	130		2.4E+02	5.0E+02	6.7E+03	1.6E+03	1.5E+03	MG/KG
		Benzo[a]anthracene	220			3.0E+03	2.1E+03	2.0E+03	2.0E+03	UG/KG
		Benzo[a]pyrene	200			3.3E+03	2.1E+02	8.0E+03	8.0E+03	UG/KG
		Benzo[b]fluoranthene	380			1.2E+03	2.1E+03	5.0E+03	5.0E+03	UG/KG
		Benzo[k]fluoranthene	110			9.0E+04	2.1E+04	4.9E+04	4.9E+04	UG/KG
		Beryllium	0.6	B	4.9E-01	1.0E+01	1.9E+02	6.3E+01	2.2E+01	MG/KG
		Bis(2-Ethylhexyl)phthalate	260			9.3E+02	1.2E+05		3.6E+06	UG/KG
		Calcium	40000	B	2.9E+03					MG/KG
		Chromium	19	B E	1.4E+01	5.0E+00	4.2E+02	3.8E+01	4.0E+01	MG/KG
		Chrysene	270			4.7E+03	2.1E+05	1.6E+05	1.6E+05	UG/KG
		Cobalt	7.4		9.3E+00	2.0E+01	1.9E+03			MG/KG
		Copper	51	B E	9.4E+00	3.1E+01	4.1E+03		5.9E+04	MG/KG
		Fluoranthene	560			1.0E+05	2.2E+06	4.3E+06	4.3E+06	UG/KG
		Iron	17000	E	2.0E+04	2.0E+02	3.1E+04			MG/KG
		Lead	30	B	2.6E+01	4.3E+02	4.0E+02			MG/KG
		Magnesium	18000	B	1.8E+03					MG/KG
		Manganese	660	E	2.4E+03	1.0E+02	1.9E+03			MG/KG
		Nickel	16	B	1.3E+01	3.0E+01	2.0E+03	1.3E+02	1.0E+02	MG/KG
		Potassium	1400	B	6.9E+02					MG/KG
		Pyrene	370			7.9E+04	2.9E+06	4.2E+06	4.2E+06	UG/KG
		Vanadium	30		3.1E+01	4.6E+01	7.2E+02	6.0E+03	9.8E+02	MG/KG
		Zinc	73	B	4.1E+01	1.2E+02	3.1E+04	1.2E+04	5.1E+03	MG/KG
	6-04	**Aluminum**	14000	B E	9.1E+03	5.0E+01	1.0E+05			MG/KG
		Barium	420	B	2.4E+02	5.0E+02	6.7E+03	1.6E+03	1.5E+03	MG/KG
		Benzo[a]anthracene	260			3.0E+03	2.1E+03	2.0E+03	2.0E+03	UG/KG
		Benzo[a]pyrene	290	H		3.3E+03	2.1E+02	8.0E+03	8.0E+03	UG/KG
		Benzo[b]fluoranthene	520			1.2E+03	2.1E+03	5.0E+03	5.0E+03	UG/KG
		Beryllium	0.7	B	4.9E-01	1.0E+01	1.9E+02	6.3E+01	2.2E+01	MG/KG
		Calcium	980		2.9E+03					MG/KG
		Chromium	28	B E	1.4E+01	5.0E+00	4.2E+02	3.8E+01	4.0E+01	MG/KG
		Chrysene	310			4.7E+03	2.1E+05	1.6E+05	1.6E+05	UG/KG
		Cobalt	10	B	9.3E+00	2.0E+01	1.9E+03			MG/KG
		Copper	15	B	9.4E+00	3.1E+01	4.1E+03		5.9E+04	MG/KG
		Fluoranthene	370			1.0E+05	2.2E+06	4.3E+06	4.3E+06	UG/KG
		Iron	22000	B E	2.0E+04	2.0E+02	3.1E+04			MG/KG
		Magnesium	3600	B	1.8E+03					MG/KG
		Manganese	510	E	2.4E+03	1.0E+02	1.9E+03			MG/KG
		Nickel	20	B	1.3E+01	3.0E+01	2.0E+03	1.3E+02	1.0E+02	MG/KG
		Phenanthrene	230			1.8E+04	2.9E+06	4.2E+06		UG/KG
		Potassium	1700	B	6.9E+02					MG/KG
		Pyrene	400			7.9E+04	2.9E+06	4.2E+06	4.2E+06	UG/KG
		Vanadium	36	B	3.1E+01	4.6E+01	7.2E+02	6.0E+03	9.8E+02	MG/KG
		Zinc	51	B	4.1E+01	1.2E+02	3.1E+04	1.2E+04	5.1E+03	MG/KG
	6-05	**Aluminum**	11000	B E	9.1E+03	5.0E+01	1.0E+05			MG/KG
		Barium	8000	B E H W1 W2	2.4E+02	5.0E+02	6.7E+03	1.6E+03	1.5E+03	MG/KG
		Beryllium	0.4		4.9E-01	1.0E+01	1.9E+02	6.3E+01	2.2E+01	MG/KG
		Calcium	3000	B	2.9E+03					MG/KG
		Chromium	1600	B E H W1 W2	1.4E+01	5.0E+00	4.2E+02	3.8E+01	4.0E+01	MG/KG
		Cobalt	24	B E	9.3E+00	2.0E+01	1.9E+03			MG/KG
		Copper	65	B E	9.4E+00	3.1E+01	4.1E+03		5.9E+04	MG/KG
		Iron	71000	B E H	2.0E+04	2.0E+02	3.1E+04			MG/KG
		Lead	330	B	2.6E+01	4.3E+02	4.0E+02			MG/KG
		Magnesium	100000	B	1.8E+03					MG/KG
		Manganese	530	E	2.4E+03	1.0E+02	1.9E+03			MG/KG
		Mercury	0.11		2.8E-01	1.5E-01	3.1E+01		8.9E-01	MG/KG
		Nickel	24	B	1.3E+01	3.0E+01	2.0E+03	1.3E+02	1.0E+02	MG/KG
		Potassium	1300	B	6.9E+02					MG/KG
		Silver	2.9	B E	6.9E-01	2.0E+00	5.1E+02	3.4E+01	4.4E+00	MG/KG
		Vanadium	23		3.1E+01	4.6E+01	7.2E+02	6.0E+03	9.8E+02	MG/KG
		Zinc	78	B	4.1E+01	1.2E+02	3.1E+04	1.2E+04	5.1E+03	MG/KG

Notes:
Shading indicates an exceedance of criteria

Appendix C
1998 USEPA Soil Sample Results

Max of Result										
Area	**Sample ID**	**Constituent**	**Total**	**CE**	**Soil Bkg 95UTL**	**ESV Std**	**HH Std**	**EPA STG (DAF=20)**	**IEPA Class I**	**Unit**
2B	6-06	**Aluminum**	10000	B E	9.1E+03	5.0E+01	1.0E+05			MG/KG
		Barium	140		2.4E+02	5.0E+02	6.7E+03	1.6E+03	1.5E+03	MG/KG
		Beryllium	0.6	B	4.9E-01	1.0E+01	1.9E+02	6.3E+01	2.2E+01	MG/KG
		Calcium	1500		2.9E+03					MG/KG
		Chromium	18	B E	1.4E+01	5.0E+00	4.2E+02	3.8E+01	4.0E+01	MG/KG
		Cobalt	8.3		9.3E+00	2.0E+01	1.9E+03			MG/KG
		Copper	15	B	9.4E+00	3.1E+01	4.1E+03		5.9E+04	MG/KG
		Diethylphthalate	3600			1.0E+05	2.0E+06		4.7E+05	UG/KG
		Iron	19000	E	2.0E+04	2.0E+02	3.1E+04			MG/KG
		Lead	58	B	2.6E+01	4.3E+02	4.0E+02			MG/KG
		Magnesium	2000	B	1.8E+03					MG/KG
		Manganese	940	E	2.4E+03	1.0E+02	1.9E+03			MG/KG
		Mercury	0.09		2.8E-01	1.5E-01	3.1E+01		8.9E-01	MG/KG
		Nickel	17	B	1.3E+01	3.0E+01	2.0E+03	1.3E+02	1.0E+02	MG/KG
		Potassium	800	B	6.9E+02					MG/KG
		Vanadium	31		3.1E+01	4.6E+01	7.2E+02	6.0E+03	9.8E+02	MG/KG
		Zinc	71	B	4.1E+01	1.2E+02	3.1E+04	1.2E+04	5.1E+03	MG/KG
	6-07	**Aluminum**	43000	B E	9.1E+03	5.0E+01	1.0E+05			MG/KG
		Barium	16000	B E H W1 W2	2.4E+02	5.0E+02	6.7E+03	1.6E+03	1.5E+03	MG/KG
		Calcium	10000	B	2.9E+03					MG/KG
		Chromium	8000	B E H W1 W2	1.4E+01	5.0E+00	4.2E+02	3.8E+01	4.0E+01	MG/KG
		Cobalt	70	B E	9.3E+00	2.0E+01	1.9E+03			MG/KG
		Copper	3400	B E	9.4E+00	3.1E+01	4.1E+03		5.9E+04	MG/KG
		Iron	30000	B E	2.0E+04	2.0E+02	3.1E+04			MG/KG
		Lead	2300	B E H	2.6E+01	4.3E+02	4.0E+02			MG/KG
		Magnesium	48000	B	1.8E+03					MG/KG
		Manganese	610	E	2.4E+03	1.0E+02	1.9E+03			MG/KG
		Mercury	0.12		2.8E-01	1.5E-01	3.1E+01		8.9E-01	MG/KG
		Nickel	120	B E W2	1.3E+01	3.0E+01	2.0E+03	1.3E+02	1.0E+02	MG/KG
		Potassium	1300	B	6.9E+02					MG/KG
		Silver	84	B E W1 W2	6.9E-01	2.0E+00	5.1E+02	3.4E+01	4.4E+00	MG/KG
		Zinc	1500	B E	4.1E+01	1.2E+02	3.1E+04	1.2E+04	5.1E+03	MG/KG
2D	5-01	Aluminum	6600	E	9.1E+03	5.0E+01	1.0E+05			MG/KG
		Anthracene	800			1.0E+04	2.4E+07	1.2E+07	1.2E+07	UG/KG
		Barium	76		2.4E+02	5.0E+02	6.7E+03	1.6E+03	1.5E+03	MG/KG
		Benzo[a]anthracene	150			3.0E+03	2.1E+03	2.0E+03	2.0E+03	UG/KG
		Benzo[a]pyrene	500	H		3.3E+03	2.1E+02	8.0E+03	8.0E+03	UG/KG
		Benzo[b]fluoranthene	1500	E		1.2E+03	2.1E+03	5.0E+03	5.0E+03	UG/KG
		Benzo[k]fluoranthene	1500			9.0E+04	2.1E+04	4.9E+04	4.9E+04	UG/KG
		Bis(2-Ethylhexyl)phthalate	120			9.3E+02	1.2E+05		3.6E+06	UG/KG
		Calcium	160000	B	2.9E+03					MG/KG
		Chromium	14	B E	1.4E+01	5.0E+00	4.2E+02	3.8E+01	4.0E+01	MG/KG
		Chrysene	170			4.7E+03	2.1E+05	1.6E+05	1.6E+05	UG/KG
		Cobalt	4.7		9.3E+00	2.0E+01	1.9E+03			MG/KG
		Copper	23	B	9.4E+00	3.1E+01	4.1E+03		5.9E+04	MG/KG
		Dibenz[a,h]anthracene	1000	H		1.8E+04	2.1E+02	2.0E+03	2.0E+03	UG/KG
		Fluoranthene	800			1.0E+05	2.2E+06	4.3E+06	4.3E+06	UG/KG
		Indeno[1,2,3-c,d]pyrene	1300			9.0E+04	2.1E+03	1.4E+04	1.4E+04	UG/KG
		Iron	11000	E	2.0E+04	2.0E+02	3.1E+04			MG/KG
		Lead	47	B	2.6E+01	4.3E+02	4.0E+02			MG/KG
		Magnesium	15000	B	1.8E+03					MG/KG
		Manganese	380	E	2.4E+03	1.0E+02	1.9E+03			MG/KG
		Mercury	0.11		2.8E-01	1.5E-01	3.1E+01		8.9E-01	MG/KG
		Nickel	15	B	1.3E+01	3.0E+01	2.0E+03	1.3E+02	1.0E+02	MG/KG
		Phenanthrene	700			1.8E+04	2.9E+06	4.2E+06		UG/KG
		Potassium	800	B	6.9E+02					MG/KG
		Pyrene	700			7.9E+04	2.9E+06	4.2E+06	4.2E+06	UG/KG
		Sodium	220	B	8.5E+01					MG/KG
		Vanadium	14		3.1E+01	4.6E+01	7.2E+02	6.0E+03	9.8E+02	MG/KG
		Zinc	170	B E	4.1E+01	1.2E+02	3.1E+04	1.2E+04	5.1E+03	MG/KG

Notes:
Shading indicates an exceedance of criteria

Appendix C
1998 USEPA Soil Sample Results

Max of Result										
Area	Sample ID	Constituent	Total	CE	Soil Bkg 95UTL	ESV Std	HH Std	EPA STG (DAF=20)	IEPA Class I	Unit
2D	5-02	**Aluminum**	11000	B E	9.1E+03	5.0E+01	1.0E+05			MG/KG
		Barium	170		2.4E+02	5.0E+02	6.7E+03	1.6E+03	1.5E+03	MG/KG
		Beryllium	0.9	B	4.9E-01	1.0E+01	1.9E+02	6.3E+01	2.2E+01	MG/KG
		Calcium	12000	B	2.9E+03					MG/KG
		Chromium	15	B E	1.4E+01	5.0E+00	4.2E+02	3.8E+01	4.0E+01	MG/KG
		Cobalt	8.9		9.3E+00	2.0E+01	1.9E+03			MG/KG
		Copper	20	B	9.4E+00	3.1E+01	4.1E+03		5.9E+04	MG/KG
		Iron	20000	B E	2.0E+04	2.0E+02	3.1E+04			MG/KG
		Lead	20		2.6E+01	4.3E+02	4.0E+02			MG/KG
		Magnesium	5000	B	1.8E+03					MG/KG
		Manganese	490	E	2.4E+03	1.0E+02	1.9E+03			MG/KG
		Mercury	0.04		2.8E-01	1.5E-01	3.1E+01		8.9E-01	MG/KG
		Nickel	18	B	1.3E+01	3.0E+01	2.0E+03	1.3E+02	1.0E+02	MG/KG
		Potassium	1600	B	6.9E+02					MG/KG
		Vanadium	29		3.1E+01	4.6E+01	7.2E+02	6.0E+03	9.8E+02	MG/KG
		Zinc	160	B E	4.1E+01	1.2E+02	3.1E+04	1.2E+04	5.1E+03	MG/KG
	7-01	Aluminum	8800	E	9.1E+03	5.0E+01	1.0E+05			MG/KG
		Arsenic	110	B E H W1 W2	1.3E+01	9.0E+00	1.6E+00	2.9E+01	2.9E+01	MG/KG
		Barium	140		2.4E+02	5.0E+02	6.7E+03	1.6E+03	1.5E+03	MG/KG
		Benzo[a]pyrene	500	H		3.3E+03	2.1E+02	8.0E+03	8.0E+03	UG/KG
		Benzo[b]fluoranthene	1700	E		1.2E+03	2.1E+03	5.0E+03	5.0E+03	UG/KG
		Benzo[k]fluoranthene	1700			9.0E+04	2.1E+04	4.9E+04	4.9E+04	UG/KG
		Beryllium	0.5	B	4.9E-01	1.0E+01	1.9E+02	6.3E+01	2.2E+01	MG/KG
		Calcium	10000	B	2.9E+03					MG/KG
		Chromium	13	E	1.4E+01	5.0E+00	4.2E+02	3.8E+01	4.0E+01	MG/KG
		Chrysene	470			4.7E+03	2.1E+05	1.6E+05	1.6E+05	UG/KG
		Cobalt	5.3		9.3E+00	2.0E+01	1.9E+03			MG/KG
		Copper	33	B E	9.4E+00	3.1E+01	4.1E+03		5.9E+04	MG/KG
		Fluoranthene	880			1.0E+05	2.2E+06	4.3E+06	4.3E+06	UG/KG
		Iron	12000	E	2.0E+04	2.0E+02	3.1E+04			MG/KG
		Lead	47	B	2.6E+01	4.3E+02	4.0E+02			MG/KG
		Magnesium	2600	B	1.8E+03					MG/KG
		Manganese	990	E	2.4E+03	1.0E+02	1.9E+03			MG/KG
		Nickel	8.6		1.3E+01	3.0E+01	2.0E+03	1.3E+02	1.0E+02	MG/KG
		Potassium	650		6.9E+02					MG/KG
		Pyrene	670			7.9E+04	2.9E+06	4.2E+06	4.2E+06	UG/KG
		Vanadium	24		3.1E+01	4.6E+01	7.2E+02	6.0E+03	9.8E+02	MG/KG
		Zinc	90	B	4.1E+01	1.2E+02	3.1E+04	1.2E+04	5.1E+03	MG/KG
	7-02	**Aluminum**	9500	B E	9.1E+03	5.0E+01	1.0E+05			MG/KG
		Arsenic	75	B E H W1 W2	1.3E+01	9.0E+00	1.6E+00	2.9E+01	2.9E+01	MG/KG
		Barium	390	B	2.4E+02	5.0E+02	6.7E+03	1.6E+03	1.5E+03	MG/KG
		Benzo[a]anthracene	310			3.0E+03	2.1E+03	2.0E+03	2.0E+03	UG/KG
		Benzo[a]pyrene	350	H		3.3E+03	2.1E+02	8.0E+03	8.0E+03	UG/KG
		Benzo[b]fluoranthene	560			1.2E+03	2.1E+03	5.0E+03	5.0E+03	UG/KG
		Benzo[g,h,i]perylene	250			1.0E+05				UG/KG
		Benzo[k]fluoranthene	200			9.0E+04	2.1E+04	4.9E+04	4.9E+04	UG/KG
		Beryllium	0.5	B	4.9E-01	1.0E+01	1.9E+02	6.3E+01	2.2E+01	MG/KG
		Bis(2-Ethylhexyl)phthalate	1300	E		9.3E+02	1.2E+05		3.6E+06	UG/KG
		Calcium	50000	B	2.9E+03					MG/KG
		Chromium	13	E	1.4E+01	5.0E+00	4.2E+02	3.8E+01	4.0E+01	MG/KG
		Chrysene	440			4.7E+03	2.1E+05	1.6E+05	1.6E+05	UG/KG
		Cobalt	8.3		9.3E+00	2.0E+01	1.9E+03			MG/KG
		Copper	24	B	9.4E+00	3.1E+01	4.1E+03		5.9E+04	MG/KG
		Fluoranthene	720			1.0E+05	2.2E+06	4.3E+06	4.3E+06	UG/KG
		Indeno[1,2,3-c,d]pyrene	290			9.0E+04	2.1E+03	1.4E+04	1.4E+04	UG/KG
		Iron	13000	E	2.0E+04	2.0E+02	3.1E+04			MG/KG
		Lead	88	B	2.6E+01	4.3E+02	4.0E+02			MG/KG
		Magnesium	3100	B	1.8E+03					MG/KG
		Manganese	2300	E H	2.4E+03	1.0E+02	1.9E+03			MG/KG
		Nickel	10		1.3E+01	3.0E+01	2.0E+03	1.3E+02	1.0E+02	MG/KG
		Phenanthrene	360			1.8E+04	2.9E+06	4.2E+06		UG/KG
		Potassium	700	B	6.9E+02					MG/KG
		Pyrene	460			7.9E+04	2.9E+06	4.2E+06	4.2E+06	UG/KG
		Vanadium	27		3.1E+01	4.6E+01	7.2E+02	6.0E+03	9.8E+02	MG/KG
		Zinc	110	B	4.1E+01	1.2E+02	3.1E+04	1.2E+04	5.1E+03	MG/KG

Notes:
Shading indicates an exceedance of criteria

Appendix C
1998 USEPA Soil Sample Results

Max of Result										
Area	**Sample ID**	**Constituent**	**Total**	**CE**	**Soil Bkg 95UTL**	**ESV Std**	**HH Std**	**EPA STG (DAF=20)**	**IEPA Class I**	**Unit**
2D	7-03	**Aluminum**	11000	B E	9.1E+03	5.0E+01	1.0E+05			MG/KG
		Anthracene	1000			1.0E+04	2.4E+07	1.2E+07	1.2E+07	UG/KG
		Arsenic	25	B E H	1.3E+01	9.0E+00	1.6E+00	2.9E+01	2.9E+01	MG/KG
		Barium	180		2.4E+02	5.0E+02	6.7E+03	1.6E+03	1.5E+03	MG/KG
		Benzo[a]anthracene	800			3.0E+03	2.1E+03	2.0E+03	2.0E+03	UG/KG
		Benzo[a]pyrene	1000	H		3.3E+03	2.1E+02	8.0E+03	8.0E+03	UG/KG
		Benzo[b]fluoranthene	2700	E H		1.2E+03	2.1E+03	5.0E+03	5.0E+03	UG/KG
		Benzo[g,h,i]perylene	500			1.0E+05				UG/KG
		Benzo[k]fluoranthene	2700			9.0E+04	2.1E+04	4.9E+04	4.9E+04	UG/KG
		Beryllium	0.5	B	4.9E-01	1.0E+01	1.9E+02	6.3E+01	2.2E+01	MG/KG
		Bis(2-Ethylhexyl)phthalate	1700	E		9.3E+02	1.2E+05		3.6E+06	UG/KG
		Calcium	11000	B	2.9E+03					MG/KG
		Chromium	33	B E	1.4E+01	5.0E+00	4.2E+02	3.8E+01	4.0E+01	MG/KG
		Chrysene	800			4.7E+03	2.1E+05	1.6E+05	1.6E+05	UG/KG
		Cobalt	6.4		9.3E+00	2.0E+01	1.9E+03			MG/KG
		Copper	190	B E	9.4E+00	3.1E+01	4.1E+03		5.9E+04	MG/KG
		Dibenz[a,h]anthracene	800	H		1.8E+04	2.1E+02	2.0E+03	2.0E+03	UG/KG
		Diethylphthalate	1100			1.0E+05	2.0E+06		4.7E+05	UG/KG
		Fluoranthene	2300			1.0E+05	2.2E+06	4.3E+06	4.3E+06	UG/KG
		Indeno[1,2,3-c,d]pyrene	1800			9.0E+04	2.1E+03	1.4E+04	1.4E+04	UG/KG
		Iron	14000	E	2.0E+04	2.0E+02	3.1E+04			MG/KG
		Lead	1300	B E H	2.6E+01	4.3E+02	4.0E+02			MG/KG
		Magnesium	5600	B	1.8E+03					MG/KG
		Manganese	940	E	2.4E+03	1.0E+02	1.9E+03			MG/KG
		Nickel	16	B	1.3E+01	3.0E+01	2.0E+03	1.3E+02	1.0E+02	MG/KG
		Phenanthrene	1500			1.8E+04	2.9E+06	4.2E+06		UG/KG
		Potassium	590		6.9E+02					MG/KG
		Pyrene	1700			7.9E+04	2.9E+06	4.2E+06	4.2E+06	UG/KG
		Vanadium	22		3.1E+01	4.6E+01	7.2E+02	6.0E+03	9.8E+02	MG/KG
		Zinc	310	B E	4.1E+01	1.2E+02	3.1E+04	1.2E+04	5.1E+03	MG/KG
	7-04	**Aluminum**	10000	B E	9.1E+03	5.0E+01	1.0E+05			MG/KG
		Barium	84		2.4E+02	5.0E+02	6.7E+03	1.6E+03	1.5E+03	MG/KG
		Beryllium	0.4		4.9E-01	1.0E+01	1.9E+02	6.3E+01	2.2E+01	MG/KG
		Calcium	24000	B	2.9E+03					MG/KG
		Chromium	73	B E W1 W2	1.4E+01	5.0E+00	4.2E+02	3.8E+01	4.0E+01	MG/KG
		Cobalt	4.3		9.3E+00	2.0E+01	1.9E+03			MG/KG
		Copper	16	B	9.4E+00	3.1E+01	4.1E+03		5.9E+04	MG/KG
		Iron	13000	E	2.0E+04	2.0E+02	3.1E+04			MG/KG
		Lead	230	B	2.6E+01	4.3E+02	4.0E+02			MG/KG
		Magnesium	6700	B	1.8E+03					MG/KG
		Manganese	350	E	2.4E+03	1.0E+02	1.9E+03			MG/KG
		Mercury	0.1		2.8E-01	1.5E-01	3.1E+01		8.9E-01	MG/KG
		Nickel	10		1.3E+01	3.0E+01	2.0E+03	1.3E+02	1.0E+02	MG/KG
		Potassium	870	B	6.9E+02					MG/KG
		Vanadium	22		3.1E+01	4.6E+01	7.2E+02	6.0E+03	9.8E+02	MG/KG
		Zinc	54	B	4.1E+01	1.2E+02	3.1E+04	1.2E+04	5.1E+03	MG/KG

Notes:
Shading indicates an exceedance of criteria

Appendix C
1998 USEPA Soil Sample Results

Max of Result										
Area	**Sample ID**	**Constituent**	**Total**	**CE**	**Soil Bkg 95UTL**	**ESV Std**	**HH Std**	**EPA STG (DAF=20)**	**IEPA Class I**	**Unit**
2D	7-05	Acenaphthene	6100			8.3E+03	2.9E+06	5.7E+05	5.7E+05	UG/KG
		Aluminum	19000	B E	9.1E+03	5.0E+01	1.0E+05			MG/KG
		Anthracene	17000	E		1.0E+04	2.4E+07	1.2E+07	1.2E+07	UG/KG
		Arsenic	54	B E H W1 W2	1.3E+01	9.0E+00	1.6E+00	2.9E+01	2.9E+01	MG/KG
		Barium	20000	B E H W1 W2	2.4E+02	5.0E+02	6.7E+03	1.6E+03	1.5E+03	MG/KG
		Benzo[a]anthracene	58000	E H W1 W2		3.0E+03	2.1E+03	2.0E+03	2.0E+03	UG/KG
		Benzo[a]pyrene	50000	E H W1 W2		3.3E+03	2.1E+02	8.0E+03	8.0E+03	UG/KG
		Benzo[b]fluoranthene	85000	E H W1 W2		1.2E+03	2.1E+03	5.0E+03	5.0E+03	UG/KG
		Benzo[g,h,i]perylene	18000			1.0E+05				UG/KG
		Benzo[k]fluoranthene	32000	H		9.0E+04	2.1E+04	4.9E+04	4.9E+04	UG/KG
		Beryllium	2.2	B	4.9E-01	1.0E+01	1.9E+02	6.3E+01	2.2E+01	MG/KG
		Cadmium	6.7	B E W2	3.5E-01	3.7E-01	4.5E+01	8.0E+00	5.2E+00	MG/KG
		Calcium	23000	B	2.9E+03					MG/KG
		Carbazole	17000	E W1 W2		1.3E+04	8.6E+04	6.0E+02	6.0E+02	UG/KG
		Chromium	94	B E W1 W2	1.4E+01	5.0E+00	4.2E+02	3.8E+01	4.0E+01	MG/KG
		Chrysene	68000	E		4.7E+03	2.1E+05	1.6E+05	1.6E+05	UG/KG
		Cobalt	55	B E	9.3E+00	2.0E+01	1.9E+03			MG/KG
		Copper	1900	B E	9.4E+00	3.1E+01	4.1E+03		5.9E+04	MG/KG
		Dibenz[a,h]anthracene	6400	H W1 W2		1.8E+04	2.1E+02	2.0E+03	2.0E+03	UG/KG
		Dibenzofuran	3200			2.5E+04	3.1E+05			UG/KG
		Fluoranthene	140000	E		1.0E+05	2.2E+06	4.3E+06	4.3E+06	UG/KG
		Fluorene	7300			2.2E+04	2.6E+06	5.6E+05	5.6E+05	UG/KG
		Indeno[1,2,3-c,d]pyrene	24000	H W1 W2		9.0E+04	2.1E+03	1.4E+04	1.4E+04	UG/KG
		Iron	18000	E	2.0E+04	2.0E+02	3.1E+04			MG/KG
		Lead	2400	B E H	2.6E+01	4.3E+02	4.0E+02			MG/KG
		Magnesium	5500	B	1.8E+03					MG/KG
		Manganese	670	E	2.4E+03	1.0E+02	1.9E+03			MG/KG
		Mercury	0.07		2.8E-01	1.5E-01	3.1E+01		8.9E-01	MG/KG
		Naphthalene	1100			4.6E+04	1.8E+03	8.4E+04	1.2E+04	UG/KG
		Nickel	31	B E	1.3E+01	3.0E+01	2.0E+03	1.3E+02	1.0E+02	MG/KG
		Phenanthrene	110000	E		1.8E+04	2.9E+06	4.2E+06		UG/KG
		Potassium	1100	B	6.9E+02					MG/KG
		Pyrene	120000	E		7.9E+04	2.9E+06	4.2E+06	4.2E+06	UG/KG
		Vanadium	20		3.1E+01	4.6E+01	7.2E+02	6.0E+03	9.8E+02	MG/KG
		Zinc	440	B E	4.1E+01	1.2E+02	3.1E+04	1.2E+04	5.1E+03	MG/KG
2F	3-01	Aluminum	7600	E	9.1E+03	5.0E+01	1.0E+05			MG/KG
		Barium	79		2.4E+02	5.0E+02	6.7E+03	1.6E+03	1.5E+03	MG/KG
		Benzo[a]anthracene	220			3.0E+03	2.1E+03	2.0E+03	2.0E+03	UG/KG
		Benzo[a]pyrene	250	H		3.3E+03	2.1E+02	8.0E+03	8.0E+03	UG/KG
		Benzo[b]fluoranthene	580			1.2E+03	2.1E+03	5.0E+03	5.0E+03	UG/KG
		Benzo[g,h,i]perylene	110			1.0E+05				UG/KG
		Benzo[k]fluoranthene	160			9.0E+04	2.1E+04	4.9E+04	4.9E+04	UG/KG
		Bis(2-Ethylhexyl)phthalate	490			9.3E+02	1.2E+05		3.6E+06	UG/KG
		Calcium	6000	B	2.9E+03					MG/KG
		Chromium	40	B E W1	1.4E+01	5.0E+00	4.2E+02	3.8E+01	4.0E+01	MG/KG
		Chrysene	270			4.7E+03	2.1E+05	1.6E+05	1.6E+05	UG/KG
		Cobalt	9.3		9.3E+00	2.0E+01	1.9E+03			MG/KG
		Copper	130	B E	9.4E+00	3.1E+01	4.1E+03		5.9E+04	MG/KG
		Fluoranthene	330			1.0E+05	2.2E+06	4.3E+06	4.3E+06	UG/KG
		Indeno[1,2,3-c,d]pyrene	130			9.0E+04	2.1E+03	1.4E+04	1.4E+04	UG/KG
		Iron	79000	B E H	2.0E+04	2.0E+02	3.1E+04			MG/KG
		Lead	180	B	2.6E+01	4.3E+02	4.0E+02			MG/KG
		Magnesium	2200	B	1.8E+03					MG/KG
		Manganese	770	E	2.4E+03	1.0E+02	1.9E+03			MG/KG
		Mercury	0.08		2.8E-01	1.5E-01	3.1E+01		8.9E-01	MG/KG
		Nickel	48	B E	1.3E+01	3.0E+01	2.0E+03	1.3E+02	1.0E+02	MG/KG
		Phenanthrene	120			1.8E+04	2.9E+06	4.2E+06		UG/KG
		Potassium	630		6.9E+02					MG/KG
		Pyrene	280			7.9E+04	2.9E+06	4.2E+06	4.2E+06	UG/KG
		Vanadium	24		3.1E+01	4.6E+01	7.2E+02	6.0E+03	9.8E+02	MG/KG
		Zinc	310	B E	4.1E+01	1.2E+02	3.1E+04	1.2E+04	5.1E+03	MG/KG

Notes:
Shading indicates an exceedance of criteria

Appendix C
1998 USEPA Soil Sample Results

Max of Result										
Area	**Sample ID**	**Constituent**	**Total**	**CE**	**Soil Bkg 95UTL**	**ESV Std**	**HH Std**	**EPA STG (DAF=20)**	**IEPA Class I**	**Unit**
2F	3-02	Aluminum	8700	E	9.1E+03	5.0E+01	1.0E+05			MG/KG
		Arsenic	23	B E H	1.3E+01	9.0E+00	1.6E+00	2.9E+01	2.9E+01	MG/KG
		Barium	86		2.4E+02	5.0E+02	6.7E+03	1.6E+03	1.5E+03	MG/KG
		Benzo[a]anthracene	180			3.0E+03	2.1E+03	2.0E+03	2.0E+03	UG/KG
		Benzo[a]pyrene	190			3.3E+03	2.1E+02	8.0E+03	8.0E+03	UG/KG
		Benzo[b]fluoranthene	460			1.2E+03	2.1E+03	5.0E+03	5.0E+03	UG/KG
		Benzo[k]fluoranthene	150			9.0E+04	2.1E+04	4.9E+04	4.9E+04	UG/KG
		Beryllium	0.4		4.9E-01	1.0E+01	1.9E+02	6.3E+01	2.2E+01	MG/KG
		Bis(2-Ethylhexyl)phthalate	110			9.3E+02	1.2E+05		3.6E+06	UG/KG
		Calcium	8600	B	2.9E+03					MG/KG
		Chromium	39	B E W1	1.4E+01	5.0E+00	4.2E+02	3.8E+01	4.0E+01	MG/KG
		Chrysene	230			4.7E+03	2.1E+05	1.6E+05	1.6E+05	UG/KG
		Cobalt	13	B	9.3E+00	2.0E+01	1.9E+03			MG/KG
		Copper	110	B E	9.4E+00	3.1E+01	4.1E+03		5.9E+04	MG/KG
		Fluoranthene	240			1.0E+05	2.2E+06	4.3E+06	4.3E+06	UG/KG
		Iron	86000	B E H	2.0E+04	2.0E+02	3.1E+04			MG/KG
		Lead	140	B	2.6E+01	4.3E+02	4.0E+02			MG/KG
		Magnesium	2200	B	1.8E+03					MG/KG
		Manganese	940	E	2.4E+03	1.0E+02	1.9E+03			MG/KG
		Mercury	0.07		2.8E-01	1.5E-01	3.1E+01		8.9E-01	MG/KG
		Nickel	33	B E	1.3E+01	3.0E+01	2.0E+03	1.3E+02	1.0E+02	MG/KG
		Potassium	690		6.9E+02					MG/KG
		Pyrene	260			7.9E+04	2.9E+06	4.2E+06	4.2E+06	UG/KG
		Vanadium	51	B E	3.1E+01	4.6E+01	7.2E+02	6.0E+03	9.8E+02	MG/KG
		Zinc	210	B E	4.1E+01	1.2E+02	3.1E+04	1.2E+04	5.1E+03	MG/KG
	8-02	**Aluminum**	12000	B E	9.1E+03	5.0E+01	1.0E+05			MG/KG
		Barium	110		2.4E+02	5.0E+02	6.7E+03	1.6E+03	1.5E+03	MG/KG
		Beryllium	0.7	B	4.9E-01	1.0E+01	1.9E+02	6.3E+01	2.2E+01	MG/KG
		Calcium	4200	B	2.9E+03					MG/KG
		Chromium	16	B E	1.4E+01	5.0E+00	4.2E+02	3.8E+01	4.0E+01	MG/KG
		Cobalt	9.5	B	9.3E+00	2.0E+01	1.9E+03			MG/KG
		Copper	18	B	9.4E+00	3.1E+01	4.1E+03		5.9E+04	MG/KG
		Iron	18000	E	2.0E+04	2.0E+02	3.1E+04			MG/KG
		Lead	22		2.6E+01	4.3E+02	4.0E+02			MG/KG
		Magnesium	2000	B	1.8E+03					MG/KG
		Manganese	420	E	2.4E+03	1.0E+02	1.9E+03			MG/KG
		Mercury	0.07		2.8E-01	1.5E-01	3.1E+01		8.9E-01	MG/KG
		Nickel	13	B	1.3E+01	3.0E+01	2.0E+03	1.3E+02	1.0E+02	MG/KG
		Potassium	880	B	6.9E+02					MG/KG
		Vanadium	28		3.1E+01	4.6E+01	7.2E+02	6.0E+03	9.8E+02	MG/KG
		Zinc	550	B E	4.1E+01	1.2E+02	3.1E+04	1.2E+04	5.1E+03	MG/KG
	8-03	Aluminum	6900	E	9.1E+03	5.0E+01	1.0E+05			MG/KG
		Anthracene	900			1.0E+04	2.4E+07	1.2E+07	1.2E+07	UG/KG
		Barium	87		2.4E+02	5.0E+02	6.7E+03	1.6E+03	1.5E+03	MG/KG
		Benzo[b]fluoranthene	1700	E		1.2E+03	2.1E+03	5.0E+03	5.0E+03	UG/KG
		Benzo[k]fluoranthene	1700			9.0E+04	2.1E+04	4.9E+04	4.9E+04	UG/KG
		Beryllium	0.4		4.9E-01	1.0E+01	1.9E+02	6.3E+01	2.2E+01	MG/KG
		Bis(2-Ethylhexyl)phthalate	160			9.3E+02	1.2E+05		3.6E+06	UG/KG
		Calcium	77000	B	2.9E+03					MG/KG
		Chromium	13	E	1.4E+01	5.0E+00	4.2E+02	3.8E+01	4.0E+01	MG/KG
		Cobalt	5.8		9.3E+00	2.0E+01	1.9E+03			MG/KG
		Copper	16	B	9.4E+00	3.1E+01	4.1E+03		5.9E+04	MG/KG
		Dibenz[a,h]anthracene	1100	H		1.8E+04	2.1E+02	2.0E+03	2.0E+03	UG/KG
		Fluoranthene	1000			1.0E+05	2.2E+06	4.3E+06	4.3E+06	UG/KG
		Indeno[1,2,3-c,d]pyrene	1400			9.0E+04	2.1E+03	1.4E+04	1.4E+04	UG/KG
		Iron	14000	E	2.0E+04	2.0E+02	3.1E+04			MG/KG
		Lead	34	B	2.6E+01	4.3E+02	4.0E+02			MG/KG
		Magnesium	22000	B	1.8E+03					MG/KG
		Manganese	430	E	2.4E+03	1.0E+02	1.9E+03			MG/KG
		Nickel	15	B	1.3E+01	3.0E+01	2.0E+03	1.3E+02	1.0E+02	MG/KG
		Phenanthrene	700			1.8E+04	2.9E+06	4.2E+06		UG/KG
		Potassium	1100	B	6.9E+02					MG/KG
		Pyrene	800			7.9E+04	2.9E+06	4.2E+06	4.2E+06	UG/KG
		Vanadium	18		3.1E+01	4.6E+01	7.2E+02	6.0E+03	9.8E+02	MG/KG
		Zinc	100	B	4.1E+01	1.2E+02	3.1E+04	1.2E+04	5.1E+03	MG/KG

Notes:
Shading indicates an exceedance of criteria

Appendix C
1998 USEPA Soil Sample Results

Max of Result										
Area	**Sample ID**	**Constituent**	**Total**	**CE**	**Soil Bkg 95UTL**	**ESV Std**	**HH Std**	**EPA STG (DAF=20)**	**IEPA Class I**	**Unit**
2F	8-04	**Aluminum**	11000	B E	9.1E+03	5.0E+01	1.0E+05			MG/KG
		Barium	96		2.4E+02	5.0E+02	6.7E+03	1.6E+03	1.5E+03	MG/KG
		Beryllium	0.6	B	4.9E-01	1.0E+01	1.9E+02	6.3E+01	2.2E+01	MG/KG
		Calcium	17000	B	2.9E+03					MG/KG
		Chromium	18	B E	1.4E+01	5.0E+00	4.2E+02	3.8E+01	4.0E+01	MG/KG
		Cobalt	7.7		9.3E+00	2.0E+01	1.9E+03			MG/KG
		Copper	18	B	9.4E+00	3.1E+01	4.1E+03		5.9E+04	MG/KG
		Iron	16000	E	2.0E+04	2.0E+02	3.1E+04			MG/KG
		Lead	50	B	2.6E+01	4.3E+02	4.0E+02			MG/KG
		Magnesium	7100	B	1.8E+03					MG/KG
		Manganese	320	E	2.4E+03	1.0E+02	1.9E+03			MG/KG
		Mercury	0.04		2.8E-01	1.5E-01	3.1E+01		8.9E-01	MG/KG
		Nickel	22	B	1.3E+01	3.0E+01	2.0E+03	1.3E+02	1.0E+02	MG/KG
		Potassium	1000	B	6.9E+02					MG/KG
		Vanadium	28		3.1E+01	4.6E+01	7.2E+02	6.0E+03	9.8E+02	MG/KG
		Zinc	110	B	4.1E+01	1.2E+02	3.1E+04	1.2E+04	5.1E+03	MG/KG
	8-05	Aluminum	7800	E	9.1E+03	5.0E+01	1.0E+05			MG/KG
		Barium	64		2.4E+02	5.0E+02	6.7E+03	1.6E+03	1.5E+03	MG/KG
		Beryllium	0.4		4.9E-01	1.0E+01	1.9E+02	6.3E+01	2.2E+01	MG/KG
		Bis(2-Ethylhexyl)phthalate	250			9.3E+02	1.2E+05		3.6E+06	UG/KG
		Butylbenzylphthalate	160			2.4E+02	9.3E+05	9.3E+05	9.3E+05	UG/KG
		Cadmium	9.7	B E W1 W2	3.5E-01	3.7E-01	4.5E+01	8.0E+00	5.2E+00	MG/KG
		Calcium	130000	B	2.9E+03					MG/KG
		Chromium	44	B E W1 W2	1.4E+01	5.0E+00	4.2E+02	3.8E+01	4.0E+01	MG/KG
		Cobalt	9.9	B	9.3E+00	2.0E+01	1.9E+03			MG/KG
		Copper	120	B E	9.4E+00	3.1E+01	4.1E+03		5.9E+04	MG/KG
		Dibenz[a,h]anthracene	1800	H		1.8E+04	2.1E+02	2.0E+03	2.0E+03	UG/KG
		Iron	49000	B E H	2.0E+04	2.0E+02	3.1E+04			MG/KG
		Lead	120	B	2.6E+01	4.3E+02	4.0E+02			MG/KG
		Magnesium	9200	B	1.8E+03					MG/KG
		Manganese	540	E	2.4E+03	1.0E+02	1.9E+03			MG/KG
		Mercury	0.11		2.8E-01	1.5E-01	3.1E+01		8.9E-01	MG/KG
		Nickel	34	B E	1.3E+01	3.0E+01	2.0E+03	1.3E+02	1.0E+02	MG/KG
		Potassium	1300	B	6.9E+02					MG/KG
		Silver	2.3	B E	6.9E-01	2.0E+00	5.1E+02	3.4E+01	4.4E+00	MG/KG
		Vanadium	11		3.1E+01	4.6E+01	7.2E+02	6.0E+03	9.8E+02	MG/KG
		Zinc	480	B E	4.1E+01	1.2E+02	3.1E+04	1.2E+04	5.1E+03	MG/KG
	8-06	**Aluminum**	12000	B E	9.1E+03	5.0E+01	1.0E+05			MG/KG
		Barium	120		2.4E+02	5.0E+02	6.7E+03	1.6E+03	1.5E+03	MG/KG
		Beryllium	0.7	B	4.9E-01	1.0E+01	1.9E+02	6.3E+01	2.2E+01	MG/KG
		Calcium	3000	B	2.9E+03					MG/KG
		Chromium	18	B E	1.4E+01	5.0E+00	4.2E+02	3.8E+01	4.0E+01	MG/KG
		Cobalt	10	B	9.3E+00	2.0E+01	1.9E+03			MG/KG
		Copper	14	B	9.4E+00	3.1E+01	4.1E+03		5.9E+04	MG/KG
		Iron	18000	E	2.0E+04	2.0E+02	3.1E+04			MG/KG
		Lead	19		2.6E+01	4.3E+02	4.0E+02			MG/KG
		Magnesium	2600	B	1.8E+03					MG/KG
		Manganese	610	E	2.4E+03	1.0E+02	1.9E+03			MG/KG
		Nickel	18	B	1.3E+01	3.0E+01	2.0E+03	1.3E+02	1.0E+02	MG/KG
		Potassium	690		6.9E+02					MG/KG
		Vanadium	33	B	3.1E+01	4.6E+01	7.2E+02	6.0E+03	9.8E+02	MG/KG
		Zinc	66	B	4.1E+01	1.2E+02	3.1E+04	1.2E+04	5.1E+03	MG/KG

Notes:
Shading indicates an exceedance of criteria

Appendix C
1998 USEPA Soil Sample Results

Max of Result										
Area	**Sample ID**	**Constituent**	**Total**	**CE**	**Soil Bkg 95UTL**	**ESV Std**	**HH Std**	**EPA STG (DAF=20)**	**IEPA Class I**	**Unit**
2F	9-01	2-Methylnaphthalene	950			4.6E+04	1.8E+03	8.4E+04		UG/KG
		Aluminum	10000	B E	9.1E+03	5.0E+01	1.0E+05			MG/KG
		Barium	110		2.4E+02	5.0E+02	6.7E+03	1.6E+03	1.5E+03	MG/KG
		Benzo[a]anthracene	360			3.0E+03	2.1E+03	2.0E+03	2.0E+03	UG/KG
		Benzo[a]pyrene	290	H		3.3E+03	2.1E+02	8.0E+03	8.0E+03	UG/KG
		Benzo[b]fluoranthene	540			1.2E+03	2.1E+03	5.0E+03	5.0E+03	UG/KG
		Benzo[g,h,i]perylene	120			1.0E+05				UG/KG
		Benzo[k]fluoranthene	180			9.0E+04	2.1E+04	4.9E+04	4.9E+04	UG/KG
		Beryllium	0.6	B	4.9E-01	1.0E+01	1.9E+02	6.3E+01	2.2E+01	MG/KG
		Calcium	18000	B	2.9E+03					MG/KG
		Chromium	12	E	1.4E+01	5.0E+00	4.2E+02	3.8E+01	4.0E+01	MG/KG
		Chrysene	400			4.7E+03	2.1E+05	1.6E+05	1.6E+05	UG/KG
		Cobalt	7		9.3E+00	2.0E+01	1.9E+03			MG/KG
		Copper	15	B	9.4E+00	3.1E+01	4.1E+03		5.9E+04	MG/KG
		Dibenzofuran	270			2.5E+04	3.1E+05			UG/KG
		Fluoranthene	370			1.0E+05	2.2E+06	4.3E+06	4.3E+06	UG/KG
		Indeno[1,2,3-c,d]pyrene	150			9.0E+04	2.1E+03	1.4E+04	1.4E+04	UG/KG
		Iron	16000	E	2.0E+04	2.0E+02	3.1E+04			MG/KG
		Lead	21		2.6E+01	4.3E+02	4.0E+02			MG/KG
		Magnesium	8300	B	1.8E+03					MG/KG
		Manganese	710	E	2.4E+03	1.0E+02	1.9E+03			MG/KG
		Naphthalene	540			4.6E+04	1.8E+03	8.4E+04	1.2E+04	UG/KG
		Nickel	12		1.3E+01	3.0E+01	2.0E+03	1.3E+02	1.0E+02	MG/KG
		Phenanthrene	510			1.8E+04	2.9E+06	4.2E+06		UG/KG
		Potassium	1200	B	6.9E+02					MG/KG
		Pyrene	410			7.9E+04	2.9E+06	4.2E+06	4.2E+06	UG/KG
		Vanadium	26		3.1E+01	4.6E+01	7.2E+02	6.0E+03	9.8E+02	MG/KG
		Zinc	280	B E	4.1E+01	1.2E+02	3.1E+04	1.2E+04	5.1E+03	MG/KG
2P	10-01	**Aluminum**	11000	B E	9.1E+03	5.0E+01	1.0E+05			MG/KG
		Barium	84		2.4E+02	5.0E+02	6.7E+03	1.6E+03	1.5E+03	MG/KG
		Beryllium	0.5	B	4.9E-01	1.0E+01	1.9E+02	6.3E+01	2.2E+01	MG/KG
		Calcium	12000	B	2.9E+03					MG/KG
		Chromium	14	B E	1.4E+01	5.0E+00	4.2E+02	3.8E+01	4.0E+01	MG/KG
		Cobalt	7.8		9.3E+00	2.0E+01	1.9E+03			MG/KG
		Copper	9.9	B	9.4E+00	3.1E+01	4.1E+03		5.9E+04	MG/KG
		Iron	17000	E	2.0E+04	2.0E+02	3.1E+04			MG/KG
		Magnesium	7200	B	1.8E+03					MG/KG
		Manganese	800	E	2.4E+03	1.0E+02	1.9E+03			MG/KG
		Mercury	0.05		2.8E-01	1.5E-01	3.1E+01		8.9E-01	MG/KG
		Nickel	11		1.3E+01	3.0E+01	2.0E+03	1.3E+02	1.0E+02	MG/KG
		Potassium	700	B	6.9E+02					MG/KG
		Vanadium	29		3.1E+01	4.6E+01	7.2E+02	6.0E+03	9.8E+02	MG/KG
		Zinc	36		4.1E+01	1.2E+02	3.1E+04	1.2E+04	5.1E+03	MG/KG

Notes:
Shading indicates an exceedance of criteria

Appendix C
1998 USEPA Soil Sample Results

Max of Result										
Area	**Sample ID**	**Constituent**	**Total**	**CE**	**Soil Bkg 95UTL**	**ESV Std**	**HH Std**	**EPA STG (DAF=20)**	**IEPA Class I**	**Unit**
2R	83-01	**2-Methylnaphthalene**	2000	H		4.6E+04	1.8E+03	8.4E+04		UG/KG
		Aluminum	3000	E	9.1E+03	5.0E+01	1.0E+05			MG/KG
		Barium	36		2.4E+02	5.0E+02	6.7E+03	1.6E+03	1.5E+03	MG/KG
		Benzo[a]anthracene	530			3.0E+03	2.1E+03	2.0E+03	2.0E+03	UG/KG
		Benzo[b]fluoranthene	850			1.2E+03	2.1E+03	5.0E+03	5.0E+03	UG/KG
		Beryllium	0.7	B	4.9E-01	1.0E+01	1.9E+02	6.3E+01	2.2E+01	MG/KG
		Calcium	54000	B	2.9E+03					MG/KG
		Chromium	13	E	1.4E+01	5.0E+00	4.2E+02	3.8E+01	4.0E+01	MG/KG
		Chrysene	750			4.7E+03	2.1E+05	1.6E+05	1.6E+05	UG/KG
		Cobalt	5.2		9.3E+00	2.0E+01	1.9E+03			MG/KG
		Copper	11	B	9.4E+00	3.1E+01	4.1E+03		5.9E+04	MG/KG
		Dibenzofuran	1200			2.5E+04	3.1E+05			UG/KG
		Fluoranthene	830			1.0E+05	2.2E+06	4.3E+06	4.3E+06	UG/KG
		Iron	8400	E	2.0E+04	2.0E+02	3.1E+04			MG/KG
		Lead	29	B	2.6E+01	4.3E+02	4.0E+02			MG/KG
		Magnesium	8600	B	1.8E+03					MG/KG
		Manganese	160	E	2.4E+03	1.0E+02	1.9E+03			MG/KG
		Mercury	0.04		2.8E-01	1.5E-01	3.1E+01		8.9E-01	MG/KG
		Naphthalene	790			4.6E+04	1.8E+03	8.4E+04	1.2E+04	UG/KG
		Nickel	15	B	1.3E+01	3.0E+01	2.0E+03	1.3E+02	1.0E+02	MG/KG
		Phenanthrene	2400			1.8E+04	2.9E+06	4.2E+06		UG/KG
		Potassium	880	B	6.9E+02					MG/KG
		Pyrene	640			7.9E+04	2.9E+06	4.2E+06	4.2E+06	UG/KG
		Silver	1.5	B	6.9E-01	2.0E+00	5.1E+02	3.4E+01	4.4E+00	MG/KG
		Sodium	730	B	8.5E+01					MG/KG
		Vanadium	14		3.1E+01	4.6E+01	7.2E+02	6.0E+03	9.8E+02	MG/KG
		Zinc	97	B	4.1E+01	1.2E+02	3.1E+04	1.2E+04	5.1E+03	MG/KG
	83-02	**2-Methylnaphthalene**	3800	H		4.6E+04	1.8E+03	8.4E+04		UG/KG
		Acenaphthene	800			8.3E+03	2.9E+06	5.7E+05	5.7E+05	UG/KG
		Acenaphthylene	1100			8.3E+03	1.8E+03	8.4E+04		UG/KG
		Aluminum	2100	E	9.1E+03	5.0E+01	1.0E+05			MG/KG
		Anthracene	1400			1.0E+04	2.4E+07	1.2E+07	1.2E+07	UG/KG
		Barium	38		2.4E+02	5.0E+02	6.7E+03	1.6E+03	1.5E+03	MG/KG
		Benzo[a]anthracene	2900	H W1 W2		3.0E+03	2.1E+03	2.0E+03	2.0E+03	UG/KG
		Benzo[a]pyrene	3400	E H		3.3E+03	2.1E+02	8.0E+03	8.0E+03	UG/KG
		Benzo[b]fluoranthene	6500	E H W1 W2		1.2E+03	2.1E+03	5.0E+03	5.0E+03	UG/KG
		Benzo[g,h,i]perylene	1000			1.0E+05				UG/KG
		Benzo[k]fluoranthene	6500			9.0E+04	2.1E+04	4.9E+04	4.9E+04	UG/KG
		Beryllium	0.5	B	4.9E-01	1.0E+01	1.9E+02	6.3E+01	2.2E+01	MG/KG
		Calcium	71000	B	2.9E+03					MG/KG
		Chromium	13	E	1.4E+01	5.0E+00	4.2E+02	3.8E+01	4.0E+01	MG/KG
		Chrysene	3600			4.7E+03	2.1E+05	1.6E+05	1.6E+05	UG/KG
		Cobalt	4.2		9.3E+00	2.0E+01	1.9E+03			MG/KG
		Copper	9.8	B	9.4E+00	3.1E+01	4.1E+03		5.9E+04	MG/KG
		Dibenz[a,h]anthracene	1500	H		1.8E+04	2.1E+02	2.0E+03	2.0E+03	UG/KG
		Dibenzofuran	1700			2.5E+04	3.1E+05			UG/KG
		Fluoranthene	4100			1.0E+05	2.2E+06	4.3E+06	4.3E+06	UG/KG
		Indeno[1,2,3-c,d]pyrene	2500	H		9.0E+04	2.1E+03	1.4E+04	1.4E+04	UG/KG
		Iron	13000	E	2.0E+04	2.0E+02	3.1E+04			MG/KG
		Lead	62	B	2.6E+01	4.3E+02	4.0E+02			MG/KG
		Magnesium	23000	B	1.8E+03					MG/KG
		Manganese	230	E	2.4E+03	1.0E+02	1.9E+03			MG/KG
		Mercury	0.11		2.8E-01	1.5E-01	3.1E+01		8.9E-01	MG/KG
		Naphthalene	2000	H		4.6E+04	1.8E+03	8.4E+04	1.2E+04	UG/KG
		Nickel	8.5		1.3E+01	3.0E+01	2.0E+03	1.3E+02	1.0E+02	MG/KG
		Phenanthrene	4300			1.8E+04	2.9E+06	4.2E+06		UG/KG
		Potassium	560		6.9E+02					MG/KG
		Pyrene	3600			7.9E+04	2.9E+06	4.2E+06	4.2E+06	UG/KG
		Silver	1.6	B	6.9E-01	2.0E+00	5.1E+02	3.4E+01	4.4E+00	MG/KG
		Sodium	630	B	8.5E+01					MG/KG
		Vanadium	12		3.1E+01	4.6E+01	7.2E+02	6.0E+03	9.8E+02	MG/KG
		Zinc	170	B E	4.1E+01	1.2E+02	3.1E+04	1.2E+04	5.1E+03	MG/KG

Notes:
Shading indicates an exceedance of criteria

Appendix C
1998 USEPA Soil Sample Results

Max of Result										
Area	**Sample ID**	**Constituent**	**Total**	**CE**	**Soil Bkg 95UTL**	**ESV Std**	**HH Std**	**EPA STG (DAF=20)**	**IEPA Class I**	**Unit**
4E	17-01	Aluminum	3400	E	9.1E+03	5.0E+01	1.0E+05			MG/KG
		Barium	31		2.4E+02	5.0E+02	6.7E+03	1.6E+03	1.5E+03	MG/KG
		Bis(2-Ethylhexyl)phthalate	120			9.3E+02	1.2E+05		3.6E+06	UG/KG
		Calcium	23000	B	2.9E+03					MG/KG
		Chromium	8.7	E	1.4E+01	5.0E+00	4.2E+02	3.8E+01	4.0E+01	MG/KG
		Cobalt	3.3		9.3E+00	2.0E+01	1.9E+03			MG/KG
		Copper	7.2		9.4E+00	3.1E+01	4.1E+03		5.9E+04	MG/KG
		Iron	5300	E	2.0E+04	2.0E+02	3.1E+04			MG/KG
		Lead	62	B	2.6E+01	4.3E+02	4.0E+02			MG/KG
		Magnesium	56000	B	1.8E+03					MG/KG
		Manganese	280	E	2.4E+03	1.0E+02	1.9E+03			MG/KG
		Nickel	7.8		1.3E+01	3.0E+01	2.0E+03	1.3E+02	1.0E+02	MG/KG
		Potassium	720	B	6.9E+02					MG/KG
		Vanadium	6.4		3.1E+01	4.6E+01	7.2E+02	6.0E+03	9.8E+02	MG/KG
		Zinc	73	B	4.1E+01	1.2E+02	3.1E+04	1.2E+04	5.1E+03	MG/KG
4W	13-01C	**Aluminum**	13000	B E	9.1E+03	5.0E+01	1.0E+05			MG/KG
		Barium	180		2.4E+02	5.0E+02	6.7E+03	1.6E+03	1.5E+03	MG/KG
		Beryllium	0.6	B	4.9E-01	1.0E+01	1.9E+02	6.3E+01	2.2E+01	MG/KG
		Bis(2-Ethylhexyl)phthalate	130			9.3E+02	1.2E+05		3.6E+06	UG/KG
		Cadmium	5.8	B E W2	3.5E-01	3.7E-01	4.5E+01	8.0E+00	5.2E+00	MG/KG
		Calcium	13000	B	2.9E+03					MG/KG
		Chromium	19	B E	1.4E+01	5.0E+00	4.2E+02	3.8E+01	4.0E+01	MG/KG
		Cobalt	15	B	9.3E+00	2.0E+01	1.9E+03			MG/KG
		Copper	10	B	9.4E+00	3.1E+01	4.1E+03		5.9E+04	MG/KG
		Iron	18000	E	2.0E+04	2.0E+02	3.1E+04			MG/KG
		Magnesium	8300	B	1.8E+03					MG/KG
		Manganese	2100	E H	2.4E+03	1.0E+02	1.9E+03			MG/KG
		Mercury	0.04		2.8E-01	1.5E-01	3.1E+01		8.9E-01	MG/KG
		Nickel	18	B	1.3E+01	3.0E+01	2.0E+03	1.3E+02	1.0E+02	MG/KG
		Potassium	880	B	6.9E+02					MG/KG
		Vanadium	35	B	3.1E+01	4.6E+01	7.2E+02	6.0E+03	9.8E+02	MG/KG
		Zinc	48	B	4.1E+01	1.2E+02	3.1E+04	1.2E+04	5.1E+03	MG/KG
	13-02	**Aluminum**	9900	B E	9.1E+03	5.0E+01	1.0E+05			MG/KG
		Barium	91		2.4E+02	5.0E+02	6.7E+03	1.6E+03	1.5E+03	MG/KG
		Beryllium	0.5	B	4.9E-01	1.0E+01	1.9E+02	6.3E+01	2.2E+01	MG/KG
		Cadmium	24	B E W1 W2	3.5E-01	3.7E-01	4.5E+01	8.0E+00	5.2E+00	MG/KG
		Calcium	7300	B	2.9E+03					MG/KG
		Chromium	30	B E	1.4E+01	5.0E+00	4.2E+02	3.8E+01	4.0E+01	MG/KG
		Cobalt	7.1		9.3E+00	2.0E+01	1.9E+03			MG/KG
		Copper	15	B	9.4E+00	3.1E+01	4.1E+03		5.9E+04	MG/KG
		Iron	16000	E	2.0E+04	2.0E+02	3.1E+04			MG/KG
		Lead	16		2.6E+01	4.3E+02	4.0E+02			MG/KG
		Magnesium	4300	B	1.8E+03					MG/KG
		Manganese	630	E	2.4E+03	1.0E+02	1.9E+03			MG/KG
		Nickel	15	B	1.3E+01	3.0E+01	2.0E+03	1.3E+02	1.0E+02	MG/KG
		Potassium	690		6.9E+02					MG/KG
		Vanadium	26		3.1E+01	4.6E+01	7.2E+02	6.0E+03	9.8E+02	MG/KG
		Zinc	64	B	4.1E+01	1.2E+02	3.1E+04	1.2E+04	5.1E+03	MG/KG

Notes:
Shading indicates an exceedance of criteria

Appendix C
1998 USEPA Soil Sample Results

Max of Result										
Area	**Sample ID**	**Constituent**	**Total**	**CE**	**Soil Bkg 95UTL**	**ESV Std**	**HH Std**	**EPA STG (DAF=20)**	**IEPA Class I**	**Unit**
4W	13-02C	**Aluminum**	11000	B E	9.1E+03	5.0E+01	1.0E+05			MG/KG
		Barium	140		2.4E+02	5.0E+02	6.7E+03	1.6E+03	1.5E+03	MG/KG
		Beryllium	0.6	B	4.9E-01	1.0E+01	1.9E+02	6.3E+01	2.2E+01	MG/KG
		Bis(2-Ethylhexyl)phthalate	130			9.3E+02	1.2E+05		3.6E+06	UG/KG
		Cadmium	15	B E W1 W2	3.5E-01	3.7E-01	4.5E+01	8.0E+00	5.2E+00	MG/KG
		Calcium	6900	B	2.9E+03					MG/KG
		Chromium	23	B E	1.4E+01	5.0E+00	4.2E+02	3.8E+01	4.0E+01	MG/KG
		Cobalt	13	B	9.3E+00	2.0E+01	1.9E+03			MG/KG
		Copper	11	B	9.4E+00	3.1E+01	4.1E+03		5.9E+04	MG/KG
		Iron	18000	E	2.0E+04	2.0E+02	3.1E+04			MG/KG
		Lead	19		2.6E+01	4.3E+02	4.0E+02			MG/KG
		Magnesium	4600	B	1.8E+03					MG/KG
		Manganese	1200	E	2.4E+03	1.0E+02	1.9E+03			MG/KG
		Nickel	24	B	1.3E+01	3.0E+01	2.0E+03	1.3E+02	1.0E+02	MG/KG
		Potassium	790	B	6.9E+02					MG/KG
		Vanadium	31		3.1E+01	4.6E+01	7.2E+02	6.0E+03	9.8E+02	MG/KG
		Zinc	60	B	4.1E+01	1.2E+02	3.1E+04	1.2E+04	5.1E+03	MG/KG
	13-03C	**Aluminum**	10000	B E	9.1E+03	5.0E+01	1.0E+05			MG/KG
		Barium	110		2.4E+02	5.0E+02	6.7E+03	1.6E+03	1.5E+03	MG/KG
		Beryllium	0.6	B	4.9E-01	1.0E+01	1.9E+02	6.3E+01	2.2E+01	MG/KG
		Cadmium	29	B E W1 W2	3.5E-01	3.7E-01	4.5E+01	8.0E+00	5.2E+00	MG/KG
		Calcium	8200	B	2.9E+03					MG/KG
		Chromium	40	B E W1	1.4E+01	5.0E+00	4.2E+02	3.8E+01	4.0E+01	MG/KG
		Cobalt	8		9.3E+00	2.0E+01	1.9E+03			MG/KG
		Copper	13	B	9.4E+00	3.1E+01	4.1E+03		5.9E+04	MG/KG
		Iron	18000	E	2.0E+04	2.0E+02	3.1E+04			MG/KG
		Lead	21		2.6E+01	4.3E+02	4.0E+02			MG/KG
		Magnesium	5200	B	1.8E+03					MG/KG
		Manganese	550	E	2.4E+03	1.0E+02	1.9E+03			MG/KG
		Nickel	17	B	1.3E+01	3.0E+01	2.0E+03	1.3E+02	1.0E+02	MG/KG
		Potassium	810	B	6.9E+02					MG/KG
		Vanadium	28		3.1E+01	4.6E+01	7.2E+02	6.0E+03	9.8E+02	MG/KG
		Zinc	77	B	4.1E+01	1.2E+02	3.1E+04	1.2E+04	5.1E+03	MG/KG
	15-01	Aluminum	6300	E	9.1E+03	5.0E+01	1.0E+05			MG/KG
		Barium	66		2.4E+02	5.0E+02	6.7E+03	1.6E+03	1.5E+03	MG/KG
		Benzo[b]fluoranthene	1700	E		1.2E+03	2.1E+03	5.0E+03	5.0E+03	UG/KG
		Benzo[k]fluoranthene	1700			9.0E+04	2.1E+04	4.9E+04	4.9E+04	UG/KG
		Beryllium	0.5	B	4.9E-01	1.0E+01	1.9E+02	6.3E+01	2.2E+01	MG/KG
		Cadmium	21	B E W1 W2	3.5E-01	3.7E-01	4.5E+01	8.0E+00	5.2E+00	MG/KG
		Calcium	1500		2.9E+03					MG/KG
		Chromium	29	B E	1.4E+01	5.0E+00	4.2E+02	3.8E+01	4.0E+01	MG/KG
		Cobalt	9.4	B	9.3E+00	2.0E+01	1.9E+03			MG/KG
		Copper	9.8	B	9.4E+00	3.1E+01	4.1E+03		5.9E+04	MG/KG
		Iron	13000	E	2.0E+04	2.0E+02	3.1E+04			MG/KG
		Magnesium	1400		1.8E+03					MG/KG
		Manganese	430	E	2.4E+03	1.0E+02	1.9E+03			MG/KG
		Nickel	13	B	1.3E+01	3.0E+01	2.0E+03	1.3E+02	1.0E+02	MG/KG
		Potassium	640		6.9E+02					MG/KG
		Vanadium	20		3.1E+01	4.6E+01	7.2E+02	6.0E+03	9.8E+02	MG/KG
		Zinc	27		4.1E+01	1.2E+02	3.1E+04	1.2E+04	5.1E+03	MG/KG

Notes:
Shading indicates an exceedance of criteria

Appendix C
1998 USEPA Soil Sample Results

Max of Result

Area	Sample ID	Constituent	Total	CE	Soil Bkg 95UTL	ESV Std	HH Std	EPA STG (DAF=20)	IEPA Class I	Unit
8S	26-01	**Aluminum**	12000	B E	9.1E+03	5.0E+01	1.0E+05			MG/KG
		Barium	120		2.4E+02	5.0E+02	6.7E+03	1.6E+03	1.5E+03	MG/KG
		Beryllium	0.6	B	4.9E-01	1.0E+01	1.9E+02	6.3E+01	2.2E+01	MG/KG
		Bis(2-Ethylhexyl)phthalate	290			9.3E+02	1.2E+05		3.6E+06	UG/KG
		Butylbenzylphthalate	150			2.4E+02	9.3E+05	9.3E+05	9.3E+05	UG/KG
		Calcium	1500		2.9E+03					MG/KG
		Chromium	15	B E	1.4E+01	5.0E+00	4.2E+02	3.8E+01	4.0E+01	MG/KG
		Cobalt	13	B	9.3E+00	2.0E+01	1.9E+03			MG/KG
		Copper	9.8	B	9.4E+00	3.1E+01	4.1E+03		5.9E+04	MG/KG
		Di-n-butylphthalate	110			7.1E+02	2.3E+06	2.3E+06	2.3E+06	UG/KG
		Iron	15000	E	2.0E+04	2.0E+02	3.1E+04			MG/KG
		Magnesium	2200	B	1.8E+03					MG/KG
		Manganese	770	E	2.4E+03	1.0E+02	1.9E+03			MG/KG
		Mercury	0.05		2.8E-01	1.5E-01	3.1E+01		8.9E-01	MG/KG
		Nickel	14	B	1.3E+01	3.0E+01	2.0E+03	1.3E+02	1.0E+02	MG/KG
		Potassium	690		6.9E+02					MG/KG
		Sodium	390	B	8.5E+01					MG/KG
		Vanadium	29		3.1E+01	4.6E+01	7.2E+02	6.0E+03	9.8E+02	MG/KG
		Zinc	37		4.1E+01	1.2E+02	3.1E+04	1.2E+04	5.1E+03	MG/KG
	29-01	**2,4-Dinitrotoluene**	230	W1 W2		1.3E+03	2.5E+03	8.0E-01	8.0E-01	UG/KG
		Aluminum	14000	B E	9.1E+03	5.0E+01	1.0E+05			MG/KG
		Barium	200		2.4E+02	5.0E+02	6.7E+03	1.6E+03	1.5E+03	MG/KG
		Beryllium	0.7	B	4.9E-01	1.0E+01	1.9E+02	6.3E+01	2.2E+01	MG/KG
		Bis(2-Ethylhexyl)phthalate	180			9.3E+02	1.2E+05		3.6E+06	UG/KG
		Calcium	13000	B	2.9E+03					MG/KG
		Chromium	20	B E	1.4E+01	5.0E+00	4.2E+02	3.8E+01	4.0E+01	MG/KG
		Cobalt	18	B	9.3E+00	2.0E+01	1.9E+03			MG/KG
		Copper	15	B	9.4E+00	3.1E+01	4.1E+03		5.9E+04	MG/KG
		Di-n-butylphthalate	820	E		7.1E+02	2.3E+06	2.3E+06	2.3E+06	UG/KG
		Indeno[1,2,3-c,d]pyrene	1800			9.0E+04	2.1E+03	1.4E+04	1.4E+04	UG/KG
		Iron	21000	B E	2.0E+04	2.0E+02	3.1E+04			MG/KG
		Lead	24		2.6E+01	4.3E+02	4.0E+02			MG/KG
		Magnesium	5700	B	1.8E+03					MG/KG
		Manganese	640	E	2.4E+03	1.0E+02	1.9E+03			MG/KG
		Mercury	0.05		2.8E-01	1.5E-01	3.1E+01		8.9E-01	MG/KG
		Nickel	18	B	1.3E+01	3.0E+01	2.0E+03	1.3E+02	1.0E+02	MG/KG
		Potassium	1200	B	6.9E+02					MG/KG
		Vanadium	34	B	3.1E+01	4.6E+01	7.2E+02	6.0E+03	9.8E+02	MG/KG
		Zinc	68	B	4.1E+01	1.2E+02	3.1E+04	1.2E+04	5.1E+03	MG/KG
	29-02	**Aluminum**	12000	B E	9.1E+03	5.0E+01	1.0E+05			MG/KG
		Barium	170		2.4E+02	5.0E+02	6.7E+03	1.6E+03	1.5E+03	MG/KG
		Beryllium	0.7	B	4.9E-01	1.0E+01	1.9E+02	6.3E+01	2.2E+01	MG/KG
		Calcium	1900		2.9E+03					MG/KG
		Chromium	17	B E	1.4E+01	5.0E+00	4.2E+02	3.8E+01	4.0E+01	MG/KG
		Cobalt	8		9.3E+00	2.0E+01	1.9E+03			MG/KG
		Copper	12	B	9.4E+00	3.1E+01	4.1E+03		5.9E+04	MG/KG
		Iron	18000	E	2.0E+04	2.0E+02	3.1E+04			MG/KG
		Lead	17		2.6E+01	4.3E+02	4.0E+02			MG/KG
		Magnesium	2500	B	1.8E+03					MG/KG
		Manganese	500	E	2.4E+03	1.0E+02	1.9E+03			MG/KG
		Nickel	17	B	1.3E+01	3.0E+01	2.0E+03	1.3E+02	1.0E+02	MG/KG
		Potassium	930	B	6.9E+02					MG/KG
		Vanadium	30		3.1E+01	4.6E+01	7.2E+02	6.0E+03	9.8E+02	MG/KG
		Zinc	46	B	4.1E+01	1.2E+02	3.1E+04	1.2E+04	5.1E+03	MG/KG

Notes:
Shading indicates an exceedance of criteria

Appendix C
1998 USEPA Soil Sample Results

Max of Result										
Area	**Sample ID**	**Constituent**	**Total**	**CE**	**Soil Bkg 95UTL**	**ESV Std**	**HH Std**	**EPA STG (DAF=20)**	**IEPA Class I**	**Unit**
8S	32-01C	**Aluminum**	13000	B E	9.1E+03	5.0E+01	1.0E+05			MG/KG
		Barium	68		2.4E+02	5.0E+02	6.7E+03	1.6E+03	1.5E+03	MG/KG
		Beryllium	0.5	B	4.9E-01	1.0E+01	1.9E+02	6.3E+01	2.2E+01	MG/KG
		Bis(2-Ethylhexyl)phthalate	1200	E		9.3E+02	1.2E+05		3.6E+06	UG/KG
		Calcium	3500	B	2.9E+03					MG/KG
		Chromium	16	B E	1.4E+01	5.0E+00	4.2E+02	3.8E+01	4.0E+01	MG/KG
		Cobalt	7.8		9.3E+00	2.0E+01	1.9E+03			MG/KG
		Copper	14	B	9.4E+00	3.1E+01	4.1E+03		5.9E+04	MG/KG
		Iron	25000	B E	2.0E+04	2.0E+02	3.1E+04			MG/KG
		Magnesium	3300	B	1.8E+03					MG/KG
		Manganese	530	E	2.4E+03	1.0E+02	1.9E+03			MG/KG
		Nickel	16	B	1.3E+01	3.0E+01	2.0E+03	1.3E+02	1.0E+02	MG/KG
		Potassium	910	B	6.9E+02					MG/KG
		Vanadium	28		3.1E+01	4.6E+01	7.2E+02	6.0E+03	9.8E+02	MG/KG
		Zinc	57	B	4.1E+01	1.2E+02	3.1E+04	1.2E+04	5.1E+03	MG/KG
(blank)	76-01	**Aluminum**	11000	B E	9.1E+03	5.0E+01	1.0E+05			MG/KG
		Barium	130		2.4E+02	5.0E+02	6.7E+03	1.6E+03	1.5E+03	MG/KG
		Beryllium	0.6	B	4.9E-01	1.0E+01	1.9E+02	6.3E+01	2.2E+01	MG/KG
		Calcium	1700		2.9E+03					MG/KG
		Chromium	17	B E	1.4E+01	5.0E+00	4.2E+02	3.8E+01	4.0E+01	MG/KG
		Cobalt	10	B	9.3E+00	2.0E+01	1.9E+03			MG/KG
		Copper	10	B	9.4E+00	3.1E+01	4.1E+03		5.9E+04	MG/KG
		Iron	15000	E	2.0E+04	2.0E+02	3.1E+04			MG/KG
		Magnesium	1800		1.8E+03					MG/KG
		Manganese	1300	E	2.4E+03	1.0E+02	1.9E+03			MG/KG
		Mercury	0.03		2.8E-01	1.5E-01	3.1E+01		8.9E-01	MG/KG
		Nickel	14	B	1.3E+01	3.0E+01	2.0E+03	1.3E+02	1.0E+02	MG/KG
		Potassium	1000	B	6.9E+02					MG/KG
		Silver	1.2	B	6.9E-01	2.0E+00	5.1E+02	3.4E+01	4.4E+00	MG/KG
		Vanadium	29		3.1E+01	4.6E+01	7.2E+02	6.0E+03	9.8E+02	MG/KG
		Zinc	67	B	4.1E+01	1.2E+02	3.1E+04	1.2E+04	5.1E+03	MG/KG

Notes:
Shading indicates an exceedance of criteria

1943 Historical Aerial Photograph of AUS OU Site 0069

TEQ Query

Samp_ID *AUS-0001-001-SS-0X_4/14/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0001-001	Benzo(a)anthracene	SO	0.000	U	0	460	ug/kg	0
0001-001	Benzo(a)pyrene	SO	0.000	U	0	460	ug/kg	0
0001-001	Benzo(b)fluoranthene	SO	0.000	U	0	460	ug/kg	0
0001-001	Benzo(k)fluoranthene	SO	0.000	U	0	460	ug/kg	0
0001-001	Chrysene	SO	0.000	U	0	460	ug/kg	0
0001-001	Dibenzo(a,h)anthracene	SO	0.000	U	0	460	ug/kg	0
0001-001	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	460	ug/kg	0

'Samp_ID' = AUS-0001-001-SS-0X_4/14/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-0001-002-SS-0X_4/14/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0001-002	Benzo(a)anthracene	SO	0.000	U	0	430	ug/kg	0
0001-002	Benzo(a)pyrene	SO	0.000	U	0	430	ug/kg	0
0001-002	Benzo(b)fluoranthene	SO	0.000	U	0	430	ug/kg	0
0001-002	Benzo(k)fluoranthene	SO	0.000	U	0	430	ug/kg	0
0001-002	Chrysene	SO	0.000	U	0	430	ug/kg	0
0001-002	Dibenzo(a,h)anthracene	SO	0.000	U	0	430	ug/kg	0
0001-002	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	430	ug/kg	0

'Samp_ID' = AUS-0001-002-SS-0X_4/14/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-0001-003-SS-0X_4/14/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0001-003	Benzo(a)anthracene	SO	0.000	U	0	410	ug/kg	0
0001-003	Benzo(a)pyrene	SO	0.000	U	0	410	ug/kg	0
0001-003	Benzo(b)fluoranthene	SO	0.000	U	0	410	ug/kg	0
0001-003	Benzo(k)fluoranthene	SO	0.000	U	0	410	ug/kg	0
0001-003	Chrysene	SO	0.000	U	0	410	ug/kg	0
0001-003	Dibenzo(a,h)anthracene	SO	0.000	U	0	410	ug/kg	0
0001-003	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	410	ug/kg	0

'Samp_ID' = AUS-0001-003-SS-0X_4/14/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-0001-004-SS-0X_4/14/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0001-004	Benzo(a)anthracene	SO	620.000		620	420	ug/kg	62
0001-004	Benzo(a)pyrene	SO	330.000	J	330	420	ug/kg	330
0001-004	Benzo(b)fluoranthene	SO	1700.000		1700	420	ug/kg	170
0001-004	Benzo(k)fluoranthene	SO	450.000		450	420	ug/kg	4.5
0001-004	Chrysene	SO	1500.000		1500	420	ug/kg	1.5
0001-004	Dibenzo(a,h)anthracene	SO	0.000	U	210	420	ug/kg	210
0001-004	Indeno(1,2,3-cd)pyrene	SO	480.000		480	420	ug/kg	48

'Samp_ID' = AUS-0001-004-SS-0X_4/14/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : **826**

Samp_ID *AUS-0001-005-SD-0X_4/14/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0001-005	Benzo(a)anthracene	SE	84.000	J	84	440	ug/kg	8.4
0001-005	Benzo(a)pyrene	SE	78.000	J	78	440	ug/kg	78
0001-005	Benzo(b)fluoranthene	SE	170.000	J	170	440	ug/kg	17
0001-005	Benzo(k)fluoranthene	SE	0.000	U	220	440	ug/kg	2.2
0001-005	Chrysene	SE	100.000	J	100	440	ug/kg	0.1
0001-005	Dibenzo(a,h)anthracene	SE	0.000	U	220	440	ug/kg	220
0001-005	Indeno(1,2,3-cd)pyrene	SE	77.000	J	77	440	ug/kg	7.7

'Samp_ID' = AUS-0001-005-SD-0X_4/14/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : 333.4

Samp_ID *AUS-0001-501-SS-0X_4/14/00_(0-0.5)Grab_DUP*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0001-001	Benzo(a)anthracene	SO	0.000	U	0	480	ug/kg	0
0001-001	Benzo(a)pyrene	SO	0.000	U	0	480	ug/kg	0
0001-001	Benzo(b)fluoranthene	SO	0.000	U	0	480	ug/kg	0
0001-001	Benzo(k)fluoranthene	SO	0.000	U	0	480	ug/kg	0
0001-001	Chrysene	SO	0.000	U	0	480	ug/kg	0
0001-001	Dibenzo(a,h)anthracene	SO	0.000	U	0	480	ug/kg	0
0001-001	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	480	ug/kg	0

'Samp_ID' = AUS-0001-501-SS-0X_4/14/00_(0-0.5)Grab_DUP (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-0001-502-SS-05_4/14/00_(5-5)Grab_DUP*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0001-W01	Benzo(a)anthracene	SO	0.000	U	0	6	ug/kg	0
0001-W01	Benzo(a)pyrene	SO	0.000	U	0	6	ug/kg	0
0001-W01	Benzo(b)fluoranthene	SO	0.000	U	0	8	ug/kg	0
0001-W01	Benzo(k)fluoranthene	SO	0.000	U	0	6	ug/kg	0
0001-W01	Chrysene	SO	0.000	U	0	6	ug/kg	0
0001-W01	Dibenzo(a,h)anthracene	SO	0.000	U	0	9.9	ug/kg	0
0001-W01	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	6	ug/kg	0

'Samp_ID' = AUS-0001-502-SS-05_4/14/00_(5-5)Grab_DUP (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-0001-W01-SS-05_4/14/00_(5-5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0001-W01	Benzo(a)anthracene	SO	0.000	U	0	6	ug/kg	0
0001-W01	Benzo(a)pyrene	SO	0.000	U	0	6	ug/kg	0
0001-W01	Benzo(b)fluoranthene	SO	0.000	U	0	8	ug/kg	0
0001-W01	Benzo(k)fluoranthene	SO	0.000	U	0	6	ug/kg	0
0001-W01	Chrysene	SO	0.000	U	0	6	ug/kg	0
0001-W01	Dibenzo(a,h)anthracene	SO	0.000	U	0	9.9	ug/kg	0
0001-W01	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	6	ug/kg	0

'Samp_ID' = AUS-0001-W01-SS-05_4/14/00_(5-5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-0001-W01-SS-23_4/14/00_(23-23)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0001-W01	Benzo(a)anthracene	SO	0.000	U	0	6.2	ug/kg	0
0001-W01	Benzo(a)pyrene	SO	0.000	U	0	6.2	ug/kg	0
0001-W01	Benzo(b)fluoranthene	SO	0.000	U	0	8.4	ug/kg	0
0001-W01	Benzo(k)fluoranthene	SO	0.000	U	0	6.2	ug/kg	0
0001-W01	Chrysene	SO	0.000	U	0	6.2	ug/kg	0
0001-W01	Dibenzo(a,h)anthracene	SO	0.000	U	0	10	ug/kg	0
0001-W01	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	6.2	ug/kg	0

'Samp_ID' = AUS-0001-W01-SS-23_4/14/00_(23-23)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-0019-001-SD-02_5/11/00_(2-2)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0019-001	Benzo(a)anthracene	SO	0.000	U	0	420	ug/kg	0
0019-001	Benzo(a)pyrene	SO	0.000	U	0	420	ug/kg	0
0019-001	Benzo(b)fluoranthene	SO	0.000	U	0	420	ug/kg	0
0019-001	Benzo(k)fluoranthene	SO	0.000	U	0	420	ug/kg	0
0019-001	Chrysene	SO	0.000	U	0	420	ug/kg	0
0019-001	Dibenzo(a,h)anthracene	SO	0.000	U	0	420	ug/kg	0
0019-001	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	420	ug/kg	0

'Samp_ID' = AUS-0019-001-SD-02_5/11/00_(2-2)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-0021-001-SD-0X_5/3/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0021-001	Benzo(a)anthracene	SO	0.000	U	0	430	ug/kg	0
0021-001	Benzo(a)pyrene	SO	0.000	U	0	430	ug/kg	0
0021-001	Benzo(b)fluoranthene	SO	0.000	U	0	430	ug/kg	0
0021-001	Benzo(k)fluoranthene	SO	0.000	U	0	430	ug/kg	0
0021-001	Chrysene	SO	0.000	U	0	430	ug/kg	0
0021-001	Dibenzo(a,h)anthracene	SO	0.000	U	0	430	ug/kg	0
0021-001	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	430	ug/kg	0

'Samp_ID' = AUS-0021-001-SD-0X_5/3/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-0021-002-SD-0X_5/3/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0021-002	Benzo(a)anthracene	SE	0.000	U	0	440	ug/kg	0
0021-002	Benzo(a)pyrene	SE	0.000	U	0	440	ug/kg	0
0021-002	Benzo(b)fluoranthene	SE	0.000	U	0	440	ug/kg	0
0021-002	Benzo(k)fluoranthene	SE	0.000	U	0	440	ug/kg	0
0021-002	Chrysene	SE	0.000	U	0	440	ug/kg	0
0021-002	Dibenzo(a,h)anthracene	SE	0.000	U	0	440	ug/kg	0
0021-002	Indeno(1,2,3-cd)pyrene	SE	0.000	U	0	440	ug/kg	0

'Samp_ID' = AUS-0021-002-SD-0X_5/3/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-0021-003-SS-0X_5/3/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0021-003	Benzo(a)anthracene	SO	0.000	U	0	450	ug/kg	0
0021-003	Benzo(a)pyrene	SO	0.000	U	0	450	ug/kg	0
0021-003	Benzo(b)fluoranthene	SO	0.000	U	0	450	ug/kg	0
0021-003	Benzo(k)fluoranthene	SO	0.000	U	0	450	ug/kg	0
0021-003	Chrysene	SO	0.000	U	0	450	ug/kg	0
0021-003	Dibenzo(a,h)anthracene	SO	0.000	U	0	450	ug/kg	0
0021-003	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	450	ug/kg	0

'Samp_ID' = AUS-0021-003-SS-0X_5/3/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-0021-004-SS-0X_5/11/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0021-004	Benzo(a)anthracene	SO	0.000	U	0	430	ug/kg	0
0021-004	Benzo(a)pyrene	SO	0.000	U	0	430	ug/kg	0
0021-004	Benzo(b)fluoranthene	SO	0.000	U	0	430	ug/kg	0
0021-004	Benzo(k)fluoranthene	SO	0.000	U	0	430	ug/kg	0
0021-004	Chrysene	SO	0.000	U	0	430	ug/kg	0
0021-004	Dibenzo(a,h)anthracene	SO	0.000	U	0	430	ug/kg	0
0021-004	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	430	ug/kg	0

'Samp_ID' = AUS-0021-004-SS-0X_5/11/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-0021-005-SS-0X_5/11/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0021-005	Benzo(a)anthracene	SO	0.000	U	0	430	ug/kg	0
0021-005	Benzo(a)pyrene	SO	0.000	U	0	430	ug/kg	0
0021-005	Benzo(b)fluoranthene	SO	0.000	U	0	430	ug/kg	0
0021-005	Benzo(k)fluoranthene	SO	0.000	U	0	430	ug/kg	0
0021-005	Chrysene	SO	0.000	U	0	430	ug/kg	0
0021-005	Dibenzo(a,h)anthracene	SO	0.000	U	0	430	ug/kg	0
0021-005	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	430	ug/kg	0

'Samp_ID' = AUS-0021-005-SS-0X_5/11/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-0043-001-SS-0X_5/2/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0043-001	Benzo(a)anthracene	SO	1200.000	J	1200	1900	ug/kg	120
0043-001	Benzo(a)pyrene	SO	1200.000	J	1200	1900	ug/kg	1200
0043-001	Benzo(b)fluoranthene	SO	3000.000		3000	1900	ug/kg	300
0043-001	Benzo(k)fluoranthene	SO	1000.000	J	1000	1900	ug/kg	10
0043-001	Chrysene	SO	1600.000	J	1600	1900	ug/kg	1.6
0043-001	Dibenzo(a,h)anthracene	SO	0.000	U	950	1900	ug/kg	950
0043-001	Indeno(1,2,3-cd)pyrene	SO	1100.000	J	1100	1900	ug/kg	110

'Samp_ID' = AUS-0043-001-SS-0X_5/2/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : **2691.6**

Samp_ID *AUS-0043-002-SS-0X_5/2/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0043-002	Benzo(a)anthracene	SO	0.000	U	0	410	ug/kg	0
0043-002	Benzo(a)pyrene	SO	0.000	U	0	410	ug/kg	0
0043-002	Benzo(b)fluoranthene	SO	0.000	U	0	410	ug/kg	0
0043-002	Benzo(k)fluoranthene	SO	0.000	U	0	410	ug/kg	0
0043-002	Chrysene	SO	0.000	U	0	410	ug/kg	0
0043-002	Dibenzo(a,h)anthracene	SO	0.000	U	0	410	ug/kg	0
0043-002	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	410	ug/kg	0

'Samp_ID' = AUS-0043-002-SS-0X_5/2/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-0043-004-SD-0X_5/2/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0043-004	Benzo(a)anthracene	SO	0.000	U	0	460	ug/kg	0
0043-004	Benzo(a)pyrene	SO	0.000	U	0	460	ug/kg	0
0043-004	Benzo(b)fluoranthene	SO	0.000	U	0	460	ug/kg	0
0043-004	Benzo(k)fluoranthene	SO	0.000	U	0	460	ug/kg	0
0043-004	Chrysene	SO	0.000	U	0	460	ug/kg	0
0043-004	Dibenzo(a,h)anthracene	SO	0.000	U	0	460	ug/kg	0
0043-004	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	460	ug/kg	0

'Samp_ID' = AUS-0043-004-SD-0X_5/2/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-0043-005-SD-0X_5/2/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0043-005	Benzo(a)anthracene	SO	0.000	U	0	450	ug/kg	0
0043-005	Benzo(a)pyrene	SO	0.000	U	0	450	ug/kg	0
0043-005	Benzo(b)fluoranthene	SO	0.000	U	0	450	ug/kg	0
0043-005	Benzo(k)fluoranthene	SO	0.000	U	0	450	ug/kg	0
0043-005	Chrysene	SO	0.000	U	0	450	ug/kg	0
0043-005	Dibenzo(a,h)anthracene	SO	0.000	U	0	450	ug/kg	0
0043-005	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	450	ug/kg	0

'Samp_ID' = AUS-0043-005-SD-0X_5/2/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-0061-001-SS-0X_5/3/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0061-001	Benzo(a)anthracene	SO	3000.000		3000	640	ug/kg	300
0061-001	Benzo(a)pyrene	SO	3300.000		3300	640	ug/kg	3300
0061-001	Benzo(b)fluoranthene	SO	5400.000		5400	640	ug/kg	540
0061-001	Benzo(k)fluoranthene	SO	4500.000		4500	640	ug/kg	45
0061-001	Chrysene	SO	4600.000		4600	640	ug/kg	4.6
0061-001	Dibenzo(a,h)anthracene	SO	850.000		850	640	ug/kg	850
0061-001	Indeno(1,2,3-cd)pyrene	SO	2400.000		2400	640	ug/kg	240

'Samp_ID' = AUS-0061-001-SS-0X_5/3/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : **5279.6**

Samp_ID *AUS-0061-002-SS-0X_5/3/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0061-002	Benzo(a)anthracene	SO	2300.000		2300	470	ug/kg	230
0061-002	Benzo(a)pyrene	SO	2800.000		2800	470	ug/kg	2800
0061-002	Benzo(b)fluoranthene	SO	4800.000		4800	470	ug/kg	480
0061-002	Benzo(k)fluoranthene	SO	3800.000		3800	470	ug/kg	38
0061-002	Chrysene	SO	3700.000		3700	470	ug/kg	3.7
0061-002	Dibenzo(a,h)anthracene	SO	750.000		750	470	ug/kg	750
0061-002	Indeno(1,2,3-cd)pyrene	SO	2200.000		2200	470	ug/kg	220

'Samp_ID' = AUS-0061-002-SS-0X_5/3/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : **4521.7**

Samp_ID *AUS-0061-003-SD-0X_5/3/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0061-003	Benzo(a)anthracene	SO	0.000	U	0	460	ug/kg	0
0061-003	Benzo(a)pyrene	SO	0.000	U	0	460	ug/kg	0
0061-003	Benzo(b)fluoranthene	SO	0.000	U	0	460	ug/kg	0
0061-003	Benzo(k)fluoranthene	SO	0.000	U	0	460	ug/kg	0
0061-003	Chrysene	SO	0.000	U	0	460	ug/kg	0
0061-003	Dibenzo(a,h)anthracene	SO	0.000	U	0	460	ug/kg	0
0061-003	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	460	ug/kg	0

'Samp_ID' = AUS-0061-003-SD-0X_5/3/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-0061-004-SD-0X_5/3/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0061-004	Benzo(a)anthracene	SO	0.000	U	0	510	ug/kg	0
0061-004	Benzo(a)pyrene	SO	0.000	U	0	510	ug/kg	0
0061-004	Benzo(b)fluoranthene	SO	0.000	U	0	510	ug/kg	0
0061-004	Benzo(k)fluoranthene	SO	0.000	U	0	510	ug/kg	0
0061-004	Chrysene	SO	0.000	U	0	510	ug/kg	0
0061-004	Dibenzo(a,h)anthracene	SO	0.000	U	0	510	ug/kg	0
0061-004	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	510	ug/kg	0

'Samp_ID' = AUS-0061-004-SD-0X_5/3/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-0061-005-SD-0X_5/3/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0061-005	Benzo(a)anthracene	SO	100.000	J	100	470	ug/kg	10
0061-005	Benzo(a)pyrene	SO	130.000	J	130	470	ug/kg	130
0061-005	Benzo(b)fluoranthene	SO	190.000	J	190	470	ug/kg	19
0061-005	Benzo(k)fluoranthene	SO	200.000	J	200	470	ug/kg	2
0061-005	Chrysene	SO	150.000	J	150	470	ug/kg	0.15
0061-005	Dibenzo(a,h)anthracene	SO	0.000	U	235	470	ug/kg	235
0061-005	Indeno(1,2,3-cd)pyrene	SO	81.000	J	81	470	ug/kg	8.1

'Samp_ID' = AUS-0061-005-SD-0X_5/3/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : **404.25**

Samp_ID AUS-0061-006-SD-0X_5/3/00_(0-0.5)Grab_NM

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0061-006	Benzo(a)anthracene	SO	0.000	U	0	410	ug/kg	0
0061-006	Benzo(a)pyrene	SO	0.000	U	0	410	ug/kg	0
0061-006	Benzo(b)fluoranthene	SO	0.000	U	0	410	ug/kg	0
0061-006	Benzo(k)fluoranthene	SO	0.000	U	0	410	ug/kg	0
0061-006	Chrysene	SO	0.000	U	0	410	ug/kg	0
0061-006	Dibenzo(a,h)anthracene	SO	0.000	U	0	410	ug/kg	0
0061-006	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	410	ug/kg	0

'Samp_ID' = AUS-0061-006-SD-0X_5/3/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID AUS-0061-501-SS-0X_5/3/00_(0-0.5)Grab_DUP

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0061-002	Benzo(a)anthracene	SO	1700.000		1700	510	ug/kg	170
0061-002	Benzo(a)pyrene	SO	2800.000		2800	510	ug/kg	2800
0061-002	Benzo(b)fluoranthene	SO	4600.000		4600	510	ug/kg	460
0061-002	Benzo(k)fluoranthene	SO	3600.000		3600	510	ug/kg	36
0061-002	Chrysene	SO	2900.000		2900	510	ug/kg	2.9
0061-002	Dibenzo(a,h)anthracene	SO	710.000		710	510	ug/kg	710
0061-002	Indeno(1,2,3-cd)pyrene	SO	2000.000		2000	510	ug/kg	200

'Samp_ID' = AUS-0061-501-SS-0X_5/3/00_(0-0.5)Grab_DUP (7 detail records)

Toxic Equivalency Quotient (TEQ) : 4378.9

Samp_ID AUS-0065-001-SS-0X_5/4/00_(0-0.5)Grab_NM

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0065-001	Benzo(a)anthracene	SO	180.000	J	180	540	ug/kg	18
0065-001	Benzo(a)pyrene	SO	220.000	J	220	540	ug/kg	220
0065-001	Benzo(b)fluoranthene	SO	230.000	J	230	540	ug/kg	23
0065-001	Benzo(k)fluoranthene	SO	230.000	J	230	540	ug/kg	2.3
0065-001	Chrysene	SO	270.000	J	270	540	ug/kg	0.27
0065-001	Dibenzo(a,h)anthracene	SO	0.000	U	270	540	ug/kg	270
0065-001	Indeno(1,2,3-cd)pyrene	SO	150.000	J	150	540	ug/kg	15

'Samp_ID' = AUS-0065-001-SS-0X_5/4/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : 548.57

Samp_ID AUS-0065-002-SS-0X_5/4/00_(0-0.5)Grab_NM

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0065-002	Benzo(a)anthracene	SO	1000.000		11000	3800	ug/kg	1100
0065-002	Benzo(a)pyrene	SO	2000.000		12000	3800	ug/kg	12000
0065-002	Benzo(b)fluoranthene	SO	1000.000		11000	3800	ug/kg	1100
0065-002	Benzo(k)fluoranthene	SO	9200.000		9200	3800	ug/kg	92
0065-002	Chrysene	SO	4000.000		14000	3800	ug/kg	14
0065-002	Dibenzo(a,h)anthracene	SO	4700.000		4700	3800	ug/kg	4700
0065-002	Indeno(1,2,3-cd)pyrene	SO	9900.000		9900	3800	ug/kg	990

'Samp_ID' = AUS-0065-002-SS-0X_5/4/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : 19996

Samp_ID *AUS-0065-003-SS-0X_5/4/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0065-003	Benzo(a)anthracene	SO	59.000	J	59	470	ug/kg	5.9
0065-003	Benzo(a)pyrene	SO	250.000	J	250	470	ug/kg	250
0065-003	Benzo(b)fluoranthene	SO	170.000	J	170	470	ug/kg	17
0065-003	Benzo(k)fluoranthene	SO	110.000	J	110	470	ug/kg	1.1
0065-003	Chrysene	SO	150.000	J	150	470	ug/kg	0.15
0065-003	Dibenzo(a,h)anthracene	SO	120.000	J	120	470	ug/kg	120
0065-003	Indeno(1,2,3-cd)pyrene	SO	330.000	J	330	470	ug/kg	33

'Samp_ID' = AUS-0065-003-SS-0X_5/4/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : **427.15**

Samp_ID *AUS-0065-004-SS-04_5/4/00_(4-4)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0065-004	Benzo(a)anthracene	SO	0.000	U	0	410	ug/kg	0
0065-004	Benzo(a)pyrene	SO	0.000	U	0	410	ug/kg	0
0065-004	Benzo(b)fluoranthene	SO	0.000	U	0	410	ug/kg	0
0065-004	Benzo(k)fluoranthene	SO	0.000	U	0	410	ug/kg	0
0065-004	Chrysene	SO	0.000	U	0	410	ug/kg	0
0065-004	Dibenzo(a,h)anthracene	SO	0.000	U	0	410	ug/kg	0
0065-004	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	410	ug/kg	0

'Samp_ID' = AUS-0065-004-SS-04_5/4/00_(4-4)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-0065-004-SS-0X_5/4/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0065-004	Benzo(a)anthracene	SO	47.000	J	47	410	ug/kg	4.7
0065-004	Benzo(a)pyrene	SO	0.000	U	205	410	ug/kg	205
0065-004	Benzo(b)fluoranthene	SO	0.000	U	205	410	ug/kg	20.5
0065-004	Benzo(k)fluoranthene	SO	0.000	U	205	410	ug/kg	2.05
0065-004	Chrysene	SO	70.000	J	70	410	ug/kg	0.07
0065-004	Dibenzo(a,h)anthracene	SO	0.000	U	205	410	ug/kg	205
0065-004	Indeno(1,2,3-cd)pyrene	SO	0.000	U	205	410	ug/kg	20.5

'Samp_ID' = AUS-0065-004-SS-0X_5/4/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : **457.82**

Samp_ID *AUS-0065-005-SS-0X_5/4/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0065-005	Benzo(a)anthracene	SO	660.000		660	510	ug/kg	66
0065-005	Benzo(a)pyrene	SO	560.000		560	510	ug/kg	560
0065-005	Benzo(b)fluoranthene	SO	570.000		570	510	ug/kg	57
0065-005	Benzo(k)fluoranthene	SO	670.000		670	510	ug/kg	6.7
0065-005	Chrysene	SO	830.000		830	510	ug/kg	0.83
0065-005	Dibenzo(a,h)anthracene	SO	220.000	J	220	510	ug/kg	220
0065-005	Indeno(1,2,3-cd)pyrene	SO	420.000	J	420	510	ug/kg	42

'Samp_ID' = AUS-0065-005-SS-0X_5/4/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : **952.53**

Samp_ID *AUS-0065-006-SS-0X_5/4/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0065-006	Benzo(a)anthracene	SO	0.000	U	285	570	ug/kg	28.5
0065-006	Benzo(a)pyrene	SO	0.000	U	285	570	ug/kg	285
0065-006	Benzo(b)fluoranthene	SO	83.000	J	83	570	ug/kg	8.3
0065-006	Benzo(k)fluoranthene	SO	0.000	U	285	570	ug/kg	2.85
0065-006	Chrysene	SO	83.000	J	83	570	ug/kg	0.083
0065-006	Dibenzo(a,h)anthracene	SO	0.000	U	285	570	ug/kg	285
0065-006	Indeno(1,2,3-cd)pyrene	SO	0.000	U	285	570	ug/kg	28.5

'Samp_ID' = AUS-0065-006-SS-0X_5/4/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : 638.233

Samp_ID *AUS-0065-007-SS-0X_5/4/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0065-007	Benzo(a)anthracene	SO	0.000	U	0	470	ug/kg	0
0065-007	Benzo(a)pyrene	SO	0.000	U	0	470	ug/kg	0
0065-007	Benzo(b)fluoranthene	SO	0.000	U	0	470	ug/kg	0
0065-007	Benzo(k)fluoranthene	SO	0.000	U	0	470	ug/kg	0
0065-007	Chrysene	SO	0.000	U	0	470	ug/kg	0
0065-007	Dibenzo(a,h)anthracene	SO	0.000	U	0	470	ug/kg	0
0065-007	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	470	ug/kg	0

'Samp_ID' = AUS-0065-007-SS-0X_5/4/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-0065-008-SS-03_5/4/00_(3-3)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0065-008	Benzo(a)anthracene	SO	0.000	U	180	360	ug/kg	18
0065-008	Benzo(a)pyrene	SO	0.000	U	180	360	ug/kg	180
0065-008	Benzo(b)fluoranthene	SO	52.000	J	52	360	ug/kg	5.2
0065-008	Benzo(k)fluoranthene	SO	51.000	J	51	360	ug/kg	0.51
0065-008	Chrysene	SO	76.000	J	76	360	ug/kg	0.076
0065-008	Dibenzo(a,h)anthracene	SO	0.000	U	180	360	ug/kg	180
0065-008	Indeno(1,2,3-cd)pyrene	SO	0.000	U	180	360	ug/kg	18

'Samp_ID' = AUS-0065-008-SS-03_5/4/00_(3-3)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : **401.786**

Samp_ID *AUS-0065-008-SS-0X_5/4/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0065-008	Benzo(a)anthracene	SO	0.000	U	195	390	ug/kg	19.5
0065-008	Benzo(a)pyrene	SO	0.000	U	195	390	ug/kg	195
0065-008	Benzo(b)fluoranthene	SO	0.000	U	195	390	ug/kg	19.5
0065-008	Benzo(k)fluoranthene	SO	0.000	U	195	390	ug/kg	1.95
0065-008	Chrysene	SO	57.000	J	57	390	ug/kg	0.057
0065-008	Dibenzo(a,h)anthracene	SO	0.000	U	195	390	ug/kg	195
0065-008	Indeno(1,2,3-cd)pyrene	SO	0.000	U	195	390	ug/kg	19.5

'Samp_ID' = AUS-0065-008-SS-0X_5/4/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : **450.507**

Samp_ID AUS-0065-009-SS-03_5/4/00_(3-3)Grab_NM

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0065-009	Benzo(a)anthracene	SO	0.000	U	210	420	ug/kg	21
0065-009	Benzo(a)pyrene	SO	79.000	J	79	420	ug/kg	79
0065-009	Benzo(b)fluoranthene	SO	87.000	J	87	420	ug/kg	8.7
0065-009	Benzo(k)fluoranthene	SO	61.000	J	61	420	ug/kg	0.61
0065-009	Chrysene	SO	88.000	J	88	420	ug/kg	0.088
0065-009	Dibenzo(a,h)anthracene	SO	0.000	U	210	420	ug/kg	210
0065-009	Indeno(1,2,3-cd)pyrene	SO	88.000	J	88	420	ug/kg	8.8

'Samp_ID' = AUS-0065-009-SS-03_5/4/00_(3-3)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : 328.198

Samp_ID AUS-0065-009-SS-0X_5/4/00_(0-0.5)Grab_NM

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0065-009	Benzo(a)anthracene	SO	71.000	J	71	410	ug/kg	7.1
0065-009	Benzo(a)pyrene	SO	56.000	J	56	410	ug/kg	56
0065-009	Benzo(b)fluoranthene	SO	0.000	U	205	410	ug/kg	20.5
0065-009	Benzo(k)fluoranthene	SO	0.000	U	205	410	ug/kg	2.05
0065-009	Chrysene	SO	91.000	J	91	410	ug/kg	0.091
0065-009	Dibenzo(a,h)anthracene	SO	0.000	U	205	410	ug/kg	205
0065-009	Indeno(1,2,3-cd)pyrene	SO	0.000	U	205	410	ug/kg	20.5

'Samp_ID' = AUS-0065-009-SS-0X_5/4/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : 311.241

Samp_ID *AUS-0065-501-SS-0X_5/4/00_(0-0.5)Grab_DUP*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0065-002	Benzo(a)anthracene	SO	8300.000		8300	2300	ug/kg	830
0065-002	Benzo(a)pyrene	SO	9100.000		9100	2300	ug/kg	9100
0065-002	Benzo(b)fluoranthene	SO	8300.000		8300	2300	ug/kg	830
0065-002	Benzo(k)fluoranthene	SO	7400.000		7400	2300	ug/kg	74
0065-002	Chrysene	SO	1000.000		11000	2300	ug/kg	11
0065-002	Dibenzo(a,h)anthracene	SO	3300.000		3300	2300	ug/kg	3300
0065-002	Indeno(1,2,3-cd)pyrene	SO	7200.000		7200	2300	ug/kg	720

'Samp_ID' = AUS-0065-501-SS-0X_5/4/00_(0-0.5)Grab_DUP (7 detail records)

Toxic Equivalency Quotient (TEQ) : 14865

Samp_ID *AUS-0066-001-SS-0X_5/9/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0066-001	Benzo(a)anthracene	SO	0.000	U	0	400	ug/kg	0
0066-001	Benzo(a)pyrene	SO	0.000	U	0	400	ug/kg	0
0066-001	Benzo(b)fluoranthene	SO	0.000	U	0	400	ug/kg	0
0066-001	Benzo(k)fluoranthene	SO	0.000	U	0	400	ug/kg	0
0066-001	Chrysene	SO	0.000	U	0	400	ug/kg	0
0066-001	Dibenzo(a,h)anthracene	SO	0.000	U	0	400	ug/kg	0
0066-001	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	400	ug/kg	0

'Samp_ID' = AUS-0066-001-SS-0X_5/9/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-0066-002-SS-0X_5/9/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0066-002	Benzo(a)anthracene	SO	0.000	U	0	420	ug/kg	0
0066-002	Benzo(a)pyrene	SO	0.000	U	0	420	ug/kg	0
0066-002	Benzo(b)fluoranthene	SO	0.000	U	0	420	ug/kg	0
0066-002	Benzo(k)fluoranthene	SO	0.000	U	0	420	ug/kg	0
0066-002	Chrysene	SO	0.000	U	0	420	ug/kg	0
0066-002	Dibenzo(a,h)anthracene	SO	0.000	U	0	420	ug/kg	0
0066-002	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	420	ug/kg	0

'Samp_ID' = AUS-0066-002-SS-0X_5/9/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-0066-003-SD-0X_5/9/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0066-003	Benzo(a)anthracene	SE	0.000	U	320	640	ug/kg	32
0066-003	Benzo(a)pyrene	SE	0.000	U	320	640	ug/kg	320
0066-003	Benzo(b)fluoranthene	SE	0.000	U	320	640	ug/kg	32
0066-003	Benzo(k)fluoranthene	SE	0.000	U	320	640	ug/kg	3.2
0066-003	Chrysene	SE	0.000	U	320	640	ug/kg	0.32
0066-003	Dibenzo(a,h)anthracene	SE	0.000	U	320	640	ug/kg	320
0066-003	Indeno(1,2,3-cd)pyrene	SE	0.000	U	320	640	ug/kg	32

'Samp_ID' = AUS-0066-003-SD-0X_5/9/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : **739.52**

Samp_ID *AUS-0066-004-SD-0X_5/9/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0066-004	Benzo(a)anthracene	SE	160.000	J	160	530	ug/kg	16
0066-004	Benzo(a)pyrene	SE	140.000	J	140	530	ug/kg	140
0066-004	Benzo(b)fluoranthene	SE	220.000	J	220	530	ug/kg	22
0066-004	Benzo(k)fluoranthene	SE	73.000	J	73	530	ug/kg	0.73
0066-004	Chrysene	SE	180.000	J	180	530	ug/kg	0.18
0066-004	Dibenzo(a,h)anthracene	SE	0.000	U	265	530	ug/kg	265
0066-004	Indeno(1,2,3-cd)pyrene	SE	76.000	J	76	530	ug/kg	7.6

'Samp_ID' = AUS-0066-004-SD-0X_5/9/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : **451.51**

Samp_ID *AUS-0066-005-SS-0X_5/9/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0066-005	Benzo(a)anthracene	SO	0.000	U	0	430	ug/kg	0
0066-005	Benzo(a)pyrene	SO	0.000	U	0	430	ug/kg	0
0066-005	Benzo(b)fluoranthene	SO	0.000	U	0	430	ug/kg	0
0066-005	Benzo(k)fluoranthene	SO	0.000	U	0	430	ug/kg	0
0066-005	Chrysene	SO	0.000	U	0	430	ug/kg	0
0066-005	Dibenzo(a,h)anthracene	SO	0.000	U	0	430	ug/kg	0
0066-005	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	430	ug/kg	0

'Samp_ID' = AUS-0066-005-SS-0X_5/9/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-0066-006-SD-0X_5/9/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0066-006	Benzo(a)anthracene	SE	0.000	U	0	510	ug/kg	0
0066-006	Benzo(a)pyrene	SE	0.000	U	0	510	ug/kg	0
0066-006	Benzo(b)fluoranthene	SE	0.000	U	0	510	ug/kg	0
0066-006	Benzo(k)fluoranthene	SE	0.000	U	0	510	ug/kg	0
0066-006	Chrysene	SE	0.000	U	0	510	ug/kg	0
0066-006	Dibenzo(a,h)anthracene	SE	0.000	U	0	510	ug/kg	0
0066-006	Indeno(1,2,3-cd)pyrene	SE	0.000	U	0	510	ug/kg	0

'Samp_ID' = AUS-0066-006-SD-0X_5/9/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-0066-007-SD-0X_5/9/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0066-007	Benzo(a)anthracene	SE	0.000	U	0	480	ug/kg	0
0066-007	Benzo(a)pyrene	SE	0.000	U	0	480	ug/kg	0
0066-007	Benzo(b)fluoranthene	SE	0.000	U	0	480	ug/kg	0
0066-007	Benzo(k)fluoranthene	SE	0.000	U	0	480	ug/kg	0
0066-007	Chrysene	SE	0.000	U	0	480	ug/kg	0
0066-007	Dibenzo(a,h)anthracene	SE	0.000	U	0	480	ug/kg	0
0066-007	Indeno(1,2,3-cd)pyrene	SE	0.000	U	0	480	ug/kg	0

'Samp_ID' = AUS-0066-007-SD-0X_5/9/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-0066-008-SS-0X_5/9/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0066-008	Benzo(a)anthracene	SO	0.000	U	0	420	ug/kg	0
0066-008	Benzo(a)pyrene	SO	0.000	U	0	420	ug/kg	0
0066-008	Benzo(b)fluoranthene	SO	0.000	U	0	420	ug/kg	0
0066-008	Benzo(k)fluoranthene	SO	0.000	U	0	420	ug/kg	0
0066-008	Chrysene	SO	0.000	U	0	420	ug/kg	0
0066-008	Dibenzo(a,h)anthracene	SO	0.000	U	0	420	ug/kg	0
0066-008	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	420	ug/kg	0

'Samp_ID' = AUS-0066-008-SS-0X_5/9/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-0067-001-SS-02_5/8/00_(2-2)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0067-001	Benzo(a)anthracene	SO	110.000	J	110	420	ug/kg	11
0067-001	Benzo(a)pyrene	SO	73.000	J	73	420	ug/kg	73
0067-001	Benzo(b)fluoranthene	SO	76.000	J	76	420	ug/kg	7.6
0067-001	Benzo(k)fluoranthene	SO	0.000	U	210	420	ug/kg	2.1
0067-001	Chrysene	SO	98.000	J	98	420	ug/kg	0.098
0067-001	Dibenzo(a,h)anthracene	SO	0.000	U	210	420	ug/kg	210
0067-001	Indeno(1,2,3-cd)pyrene	SO	0.000	U	210	420	ug/kg	21

'Samp_ID' = AUS-0067-001-SS-02_5/8/00_(2-2)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : **324.798**

Samp_ID *AUS-0067-001-SS-0X_5/8/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0067-001	Benzo(a)anthracene	SO	200.000	J	200	510	ug/kg	20
0067-001	Benzo(a)pyrene	SO	130.000	J	130	510	ug/kg	130
0067-001	Benzo(b)fluoranthene	SO	180.000	J	180	510	ug/kg	18
0067-001	Benzo(k)fluoranthene	SO	0.000	U	255	510	ug/kg	2.55
0067-001	Chrysene	SO	210.000	J	210	510	ug/kg	0.21
0067-001	Dibenzo(a,h)anthracene	SO	0.000	U	255	510	ug/kg	255
0067-001	Indeno(1,2,3-cd)pyrene	SO	0.000	U	255	510	ug/kg	25.5

'Samp_ID' = AUS-0067-001-SS-0X_5/8/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : **451.26**

Samp_ID *AUS-0067-003-SS-0X_5/8/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0067-003	Benzo(a)anthracene	SO	0.000	U	0	420	ug/kg	0
0067-003	Benzo(a)pyrene	SO	0.000	U	0	420	ug/kg	0
0067-003	Benzo(b)fluoranthene	SO	0.000	U	0	420	ug/kg	0
0067-003	Benzo(k)fluoranthene	SO	0.000	U	0	420	ug/kg	0
0067-003	Chrysene	SO	0.000	U	0	420	ug/kg	0
0067-003	Dibenzo(a,h)anthracene	SO	0.000	U	0	420	ug/kg	0
0067-003	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	420	ug/kg	0

'Samp_ID' = AUS-0067-003-SS-0X_5/8/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID AUS-0069-001-SS-0X_4/3/00_(0-0.5)Grab_NM

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0069-001	Benzo(a)anthracene	SO	0.000	U	0	400	ug/kg	0
0069-001	Benzo(a)pyrene	SO	0.000	U	0	400	ug/kg	0
0069-001	Benzo(b)fluoranthene	SO	0.000	U	0	400	ug/kg	0
0069-001	Benzo(k)fluoranthene	SO	0.000	U	0	400	ug/kg	0
0069-001	Chrysene	SO	0.000	U	0	400	ug/kg	0
0069-001	Dibenzo(a,h)anthracene	SO	0.000	U	0	400	ug/kg	0
0069-001	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	400	ug/kg	0

'Samp_ID' = AUS-0069-001-SS-0X_4/3/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : 0

Samp_ID AUS-0069-002-SS-0X_5/2/00_(0-0.5)Grab_NM

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0069-002	Benzo(a)anthracene	SO	160.000	J	160	430	ug/kg	16
0069-002	Benzo(a)pyrene	SO	190.000	J	190	430	ug/kg	190
0069-002	Benzo(b)fluoranthene	SO	320.000	J	320	430	ug/kg	32
0069-002	Benzo(k)fluoranthene	SO	110.000	J	110	430	ug/kg	1.1
0069-002	Chrysene	SO	140.000	J	140	430	ug/kg	0.14
0069-002	Dibenzo(a,h)anthracene	SO	0.000	U	215	430	ug/kg	215
0069-002	Indeno(1,2,3-cd)pyrene	SO	100.000	J	100	430	ug/kg	10

'Samp_ID' = AUS-0069-002-SS-0X_5/2/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : 464.24

Samp_ID *AUS-0069-003-SS-0X_5/2/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0069-003	Benzo(a)anthracene	SO	0.000	U	0	430	ug/kg	0
0069-003	Benzo(a)pyrene	SO	0.000	U	0	430	ug/kg	0
0069-003	Benzo(b)fluoranthene	SO	0.000	U	0	430	ug/kg	0
0069-003	Benzo(k)fluoranthene	SO	0.000	U	0	430	ug/kg	0
0069-003	Chrysene	SO	0.000	U	0	430	ug/kg	0
0069-003	Dibenzo(a,h)anthracene	SO	0.000	U	0	430	ug/kg	0
0069-003	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	430	ug/kg	0

'Samp_ID' = AUS-0069-003-SS-0X_5/2/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-0069-004-SS-0X_5/2/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0069-004	Benzo(a)anthracene	SO	0.000	U	0	430	ug/kg	0
0069-004	Benzo(a)pyrene	SO	0.000	U	0	430	ug/kg	0
0069-004	Benzo(b)fluoranthene	SO	0.000	U	0	430	ug/kg	0
0069-004	Benzo(k)fluoranthene	SO	0.000	U	0	430	ug/kg	0
0069-004	Chrysene	SO	0.000	U	0	430	ug/kg	0
0069-004	Dibenzo(a,h)anthracene	SO	0.000	U	0	430	ug/kg	0
0069-004	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	430	ug/kg	0

'Samp_ID' = AUS-0069-004-SS-0X_5/2/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-0069-005-SS-0X_5/2/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0069-005	Benzo(a)anthracene	SO	0.000	U	0	480	ug/kg	0
0069-005	Benzo(a)pyrene	SO	0.000	U	0	480	ug/kg	0
0069-005	Benzo(b)fluoranthene	SO	0.000	U	0	480	ug/kg	0
0069-005	Benzo(k)fluoranthene	SO	0.000	U	0	480	ug/kg	0
0069-005	Chrysene	SO	0.000	U	0	480	ug/kg	0
0069-005	Dibenzo(a,h)anthracene	SO	0.000	U	0	480	ug/kg	0
0069-005	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	480	ug/kg	0

'Samp_ID' = AUS-0069-005-SS-0X_5/2/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-0069-006-SS-0X_5/2/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0069-006	Benzo(a)anthracene	SO	0.000	U	0	450	ug/kg	0
0069-006	Benzo(a)pyrene	SO	0.000	U	0	450	ug/kg	0
0069-006	Benzo(b)fluoranthene	SO	0.000	U	0	450	ug/kg	0
0069-006	Benzo(k)fluoranthene	SO	0.000	U	0	450	ug/kg	0
0069-006	Chrysene	SO	0.000	U	0	450	ug/kg	0
0069-006	Dibenzo(a,h)anthracene	SO	0.000	U	0	450	ug/kg	0
0069-006	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	450	ug/kg	0

'Samp_ID' = AUS-0069-006-SS-0X_5/2/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-0069-007-SS-0X_5/2/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0069-007	Benzo(a)anthracene	SO	0.000	U	205	410	ug/kg	20.5
0069-007	Benzo(a)pyrene	SO	0.000	U	205	410	ug/kg	205
0069-007	Benzo(b)fluoranthene	SO	71.000	J	71	410	ug/kg	7.1
0069-007	Benzo(k)fluoranthene	SO	0.000	U	205	410	ug/kg	2.05
0069-007	Chrysene	SO	0.000	U	205	410	ug/kg	0.205
0069-007	Dibenzo(a,h)anthracene	SO	0.000	U	205	410	ug/kg	205
0069-007	Indeno(1,2,3-cd)pyrene	SO	0.000	U	205	410	ug/kg	20.5

'Samp_ID' = AUS-0069-007-SS-0X_5/2/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : **460.355**

Samp_ID *AUS-0069-008-SS-0X_5/2/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0069-008	Benzo(a)anthracene	SO	0.000	U	0	400	ug/kg	0
0069-008	Benzo(a)pyrene	SO	0.000	U	0	400	ug/kg	0
0069-008	Benzo(b)fluoranthene	SO	0.000	U	0	400	ug/kg	0
0069-008	Benzo(k)fluoranthene	SO	0.000	U	0	400	ug/kg	0
0069-008	Chrysene	SO	0.000	U	0	400	ug/kg	0
0069-008	Dibenzo(a,h)anthracene	SO	0.000	U	0	400	ug/kg	0
0069-008	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	400	ug/kg	0

'Samp_ID' = AUS-0069-008-SS-0X_5/2/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-0069-009-SS-0X_5/2/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0069-009	Benzo(a)anthracene	SO	0.000	U	0	440	ug/kg	0
0069-009	Benzo(a)pyrene	SO	0.000	U	0	440	ug/kg	0
0069-009	Benzo(b)fluoranthene	SO	0.000	U	0	440	ug/kg	0
0069-009	Benzo(k)fluoranthene	SO	0.000	U	0	440	ug/kg	0
0069-009	Chrysene	SO	0.000	U	0	440	ug/kg	0
0069-009	Dibenzo(a,h)anthracene	SO	0.000	U	0	440	ug/kg	0
0069-009	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	440	ug/kg	0

'Samp_ID' = AUS-0069-009-SS-0X_5/2/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-0069-010-SD-0X_5/2/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0069-010	Benzo(a)anthracene	SE	0.000	U	290	580	ug/kg	29
0069-010	Benzo(a)pyrene	SE	0.000	U	290	580	ug/kg	290
0069-010	Benzo(b)fluoranthene	SE	0.000	U	290	580	ug/kg	29
0069-010	Benzo(k)fluoranthene	SE	0.000	U	290	580	ug/kg	2.9
0069-010	Chrysene	SE	0.000	U	290	580	ug/kg	0.29
0069-010	Dibenzo(a,h)anthracene	SE	0.000	U	290	580	ug/kg	290
0069-010	Indeno(1,2,3-cd)pyrene	SE	0.000	U	290	580	ug/kg	29

'Samp_ID' = AUS-0069-010-SD-0X_5/2/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : **670.19**

Samp_ID AUS-0069-011-SD-0X_5/2/00_(0-0.5)Grab_NM

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0069-011	Benzo(a)anthracene	SE	67.000	J	67	490	ug/kg	6.7
0069-011	Benzo(a)pyrene	SE	54.000	J	54	490	ug/kg	54
0069-011	Benzo(b)fluoranthene	SE	120.000	J	120	490	ug/kg	12
0069-011	Benzo(k)fluoranthene	SE	0.000	U	245	490	ug/kg	2.45
0069-011	Chrysene	SE	82.000	J	82	490	ug/kg	0.082
0069-011	Dibenzo(a,h)anthracene	SE	0.000	U	245	490	ug/kg	245
0069-011	Indeno(1,2,3-cd)pyrene	SE	0.000	U	245	490	ug/kg	24.5

'Samp_ID' = AUS-0069-011-SD-0X_5/2/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : 344.732

Samp_ID AUS-0069-012-SS-0X_4/3/00_(0-0.5)Grab_NM

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0069-012	Benzo(a)anthracene	SO	53.000	J	53	510	ug/kg	5.3
0069-012	Benzo(a)pyrene	SO	88.000	J	88	510	ug/kg	88
0069-012	Benzo(b)fluoranthene	SO	0.000	U	255	510	ug/kg	25.5
0069-012	Benzo(k)fluoranthene	SO	0.000	U	255	510	ug/kg	2.55
0069-012	Chrysene	SO	98.000	J	98	510	ug/kg	0.098
0069-012	Dibenzo(a,h)anthracene	SO	0.000	U	255	510	ug/kg	255
0069-012	Indeno(1,2,3-cd)pyrene	SO	140.000	J	140	510	ug/kg	14

'Samp_ID' = AUS-0069-012-SS-0X_4/3/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : 390.448

Samp_ID *AUS-0069-013-SS-0X_3/31/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0069-013	Benzo(a)anthracene	SO	0.000	U	0	470	ug/kg	0
0069-013	Benzo(a)pyrene	SO	0.000	U	0	470	ug/kg	0
0069-013	Benzo(b)fluoranthene	SO	0.000	U	0	470	ug/kg	0
0069-013	Benzo(k)fluoranthene	SO	0.000	U	0	470	ug/kg	0
0069-013	Chrysene	SO	0.000	U	0	470	ug/kg	0
0069-013	Dibenzo(a,h)anthracene	SO	0.000	U	0	470	ug/kg	0
0069-013	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	470	ug/kg	0

'Samp_ID' = AUS-0069-013-SS-0X_3/31/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-0069-015-SS-0X_5/15/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0069-015	Benzo(a)anthracene	SO	0.000	U	0	420	ug/kg	0
0069-015	Benzo(a)pyrene	SO	0.000	U	0	420	ug/kg	0
0069-015	Benzo(b)fluoranthene	SO	0.000	U	0	420	ug/kg	0
0069-015	Benzo(k)fluoranthene	SO	0.000	U	0	420	ug/kg	0
0069-015	Chrysene	SO	0.000	U	0	420	ug/kg	0
0069-015	Dibenzo(a,h)anthracene	SO	0.000	U	0	420	ug/kg	0
0069-015	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	420	ug/kg	0

'Samp_ID' = AUS-0069-015-SS-0X_5/15/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-0069-016-SS-0X_5/15/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0069-016	Benzo(a)anthracene	SO	1700.000		1700	460	ug/kg	170
0069-016	Benzo(a)pyrene	SO	2200.000		2200	460	ug/kg	2200
0069-016	Benzo(b)fluoranthene	SO	2600.000		2600	460	ug/kg	260
0069-016	Benzo(k)fluoranthene	SO	1700.000		1700	460	ug/kg	17
0069-016	Chrysene	SO	1800.000		1800	460	ug/kg	1.8
0069-016	Dibenzo(a,h)anthracene	SO	630.000		630	460	ug/kg	630
0069-016	Indeno(1,2,3-cd)pyrene	SO	1700.000		1700	460	ug/kg	170

'Samp_ID' = AUS-0069-016-SS-0X_5/15/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : 3448.8

Samp_ID *AUS-0069-017-SS-0X_5/15/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0069-017	Benzo(a)anthracene	SO	0.000	U	0	410	ug/kg	0
0069-017	Benzo(a)pyrene	SO	0.000	U	0	410	ug/kg	0
0069-017	Benzo(b)fluoranthene	SO	0.000	U	0	410	ug/kg	0
0069-017	Benzo(k)fluoranthene	SO	0.000	U	0	410	ug/kg	0
0069-017	Chrysene	SO	0.000	U	0	410	ug/kg	0
0069-017	Dibenzo(a,h)anthracene	SO	0.000	U	0	410	ug/kg	0
0069-017	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	410	ug/kg	0

'Samp_ID' = AUS-0069-017-SS-0X_5/15/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-0069-018-SS-0X_5/15/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0069-018	Benzo(a)anthracene	SO	0.000	U	0	460	ug/kg	0
0069-018	Benzo(a)pyrene	SO	0.000	U	0	460	ug/kg	0
0069-018	Benzo(b)fluoranthene	SO	0.000	U	0	460	ug/kg	0
0069-018	Benzo(k)fluoranthene	SO	0.000	U	0	460	ug/kg	0
0069-018	Chrysene	SO	0.000	U	0	460	ug/kg	0
0069-018	Dibenzo(a,h)anthracene	SO	0.000	U	0	460	ug/kg	0
0069-018	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	460	ug/kg	0

'Samp_ID' = AUS-0069-018-SS-0X_5/15/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-0069-501-SS-0X_5/2/00_(0-0.5)Grab_DUP*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0069-004	Benzo(a)anthracene	SO	0.000	U	225	450	ug/kg	22.5
0069-004	Benzo(a)pyrene	SO	0.000	U	225	450	ug/kg	225
0069-004	Benzo(b)fluoranthene	SO	66.000	J	66	450	ug/kg	6.6
0069-004	Benzo(k)fluoranthene	SO	0.000	U	225	450	ug/kg	2.25
0069-004	Chrysene	SO	48.000	J	48	450	ug/kg	0.048
0069-004	Dibenzo(a,h)anthracene	SO	0.000	U	225	450	ug/kg	225
0069-004	Indeno(1,2,3-cd)pyrene	SO	0.000	U	225	450	ug/kg	22.5

'Samp_ID' = AUS-0069-501-SS-0X_5/2/00_(0-0.5)Grab_DUP (7 detail records)

Toxic Equivalency Quotient (TEQ) : **503.898**

Samp_ID *AUS-0107-001-SS-0X_4/14/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0107-001	Benzo(a)anthracene	SO	0.000	U	0	390	ug/kg	0
0107-001	Benzo(a)pyrene	SO	0.000	U	0	390	ug/kg	0
0107-001	Benzo(b)fluoranthene	SO	0.000	U	0	390	ug/kg	0
0107-001	Benzo(k)fluoranthene	SO	0.000	U	0	390	ug/kg	0
0107-001	Chrysene	SO	0.000	U	0	390	ug/kg	0
0107-001	Dibenzo(a,h)anthracene	SO	0.000	U	0	390	ug/kg	0
0107-001	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	390	ug/kg	0

'Samp_ID' = AUS-0107-001-SS-0X_4/14/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-0107-001-SS-10_4/14/00_(10-10)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0107-001	Benzo(a)anthracene	SO	0.000	U	0	400	ug/kg	0
0107-001	Benzo(a)pyrene	SO	0.000	U	0	400	ug/kg	0
0107-001	Benzo(b)fluoranthene	SO	0.000	U	0	400	ug/kg	0
0107-001	Benzo(k)fluoranthene	SO	0.000	U	0	400	ug/kg	0
0107-001	Chrysene	SO	0.000	U	0	400	ug/kg	0
0107-001	Dibenzo(a,h)anthracene	SO	0.000	U	0	400	ug/kg	0
0107-001	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	400	ug/kg	0

'Samp_ID' = AUS-0107-001-SS-10_4/14/00_(10-10)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-0107-501-SS-0X_4/14/00_(0-0.5)Grab_DUP*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0107-001	Benzo(a)anthracene	SO	0.000	U	0	400	ug/kg	0
0107-001	Benzo(a)pyrene	SO	0.000	U	0	400	ug/kg	0
0107-001	Benzo(b)fluoranthene	SO	0.000	U	0	400	ug/kg	0
0107-001	Benzo(k)fluoranthene	SO	0.000	U	0	400	ug/kg	0
0107-001	Chrysene	SO	0.000	U	0	400	ug/kg	0
0107-001	Dibenzo(a,h)anthracene	SO	0.000	U	0	400	ug/kg	0
0107-001	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	400	ug/kg	0

'Samp_ID' = AUS-0107-501-SS-0X_4/14/00_(0-0.5)Grab_DUP (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-0108-001-SS-0X_5/9/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0108-001	Benzo(a)anthracene	SO	0.000	U	0	410	ug/kg	0
0108-001	Benzo(a)pyrene	SO	0.000	U	0	410	ug/kg	0
0108-001	Benzo(b)fluoranthene	SO	0.000	U	0	410	ug/kg	0
0108-001	Benzo(k)fluoranthene	SO	0.000	U	0	410	ug/kg	0
0108-001	Chrysene	SO	0.000	U	0	410	ug/kg	0
0108-001	Dibenzo(a,h)anthracene	SO	0.000	U	0	410	ug/kg	0
0108-001	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	410	ug/kg	0

'Samp_ID' = AUS-0108-001-SS-0X_5/9/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-0108-002-SS-0X_5/9/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0108-002	Benzo(a)anthracene	SO	0.000	U	0	450	ug/kg	0
0108-002	Benzo(a)pyrene	SO	0.000	U	0	450	ug/kg	0
0108-002	Benzo(b)fluoranthene	SO	0.000	U	0	450	ug/kg	0
0108-002	Benzo(k)fluoranthene	SO	0.000	U	0	450	ug/kg	0
0108-002	Chrysene	SO	0.000	U	0	450	ug/kg	0
0108-002	Dibenzo(a,h)anthracene	SO	0.000	U	0	450	ug/kg	0
0108-002	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	450	ug/kg	0

'Samp_ID' = AUS-0108-002-SS-0X_5/9/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-0109-001-SS-0X_4/13/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0109-001	Benzo(a)anthracene	SO	0.000	U	0	420	ug/kg	0
0109-001	Benzo(a)pyrene	SO	0.000	U	0	420	ug/kg	0
0109-001	Benzo(b)fluoranthene	SO	0.000	U	0	420	ug/kg	0
0109-001	Benzo(k)fluoranthene	SO	0.000	U	0	420	ug/kg	0
0109-001	Chrysene	SO	0.000	U	0	420	ug/kg	0
0109-001	Dibenzo(a,h)anthracene	SO	0.000	U	0	420	ug/kg	0
0109-001	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	420	ug/kg	0

'Samp_ID' = AUS-0109-001-SS-0X_4/13/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-0109-002-SS-0X_4/13/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0109-002	Benzo(a)anthracene	SO	0.000	U	0	440	ug/kg	0
0109-002	Benzo(a)pyrene	SO	0.000	U	0	440	ug/kg	0
0109-002	Benzo(b)fluoranthene	SO	0.000	U	0	440	ug/kg	0
0109-002	Benzo(k)fluoranthene	SO	0.000	U	0	440	ug/kg	0
0109-002	Chrysene	SO	0.000	U	0	440	ug/kg	0
0109-002	Dibenzo(a,h)anthracene	SO	0.000	U	0	440	ug/kg	0
0109-002	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	440	ug/kg	0

'Samp_ID' = AUS-0109-002-SS-0X_4/13/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-0109-501-SS-0X_4/13/00_(0-0.5)Grab_DUP*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0109-001	Benzo(a)anthracene	SO	0.000	U	0	430	ug/kg	0
0109-001	Benzo(a)pyrene	SO	0.000	U	0	430	ug/kg	0
0109-001	Benzo(b)fluoranthene	SO	0.000	U	0	430	ug/kg	0
0109-001	Benzo(k)fluoranthene	SO	0.000	U	0	430	ug/kg	0
0109-001	Chrysene	SO	0.000	U	0	430	ug/kg	0
0109-001	Dibenzo(a,h)anthracene	SO	0.000	U	0	430	ug/kg	0
0109-001	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	430	ug/kg	0

'Samp_ID' = AUS-0109-501-SS-0X_4/13/00_(0-0.5)Grab_DUP (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-0A06-001-SS-0X_4/5/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A06-001	Benzo(a)anthracene	SO	0.000	U	0	420	ug/kg	0
0A06-001	Benzo(a)pyrene	SO	0.000	U	0	420	ug/kg	0
0A06-001	Benzo(b)fluoranthene	SO	0.000	U	0	420	ug/kg	0
0A06-001	Benzo(k)fluoranthene	SO	0.000	U	0	420	ug/kg	0
0A06-001	Chrysene	SO	0.000	U	0	420	ug/kg	0
0A06-001	Dibenzo(a,h)anthracene	SO	0.000	U	0	420	ug/kg	0
0A06-001	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	420	ug/kg	0

'Samp_ID' = AUS-0A06-001-SS-0X_4/5/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-0A06-002-SS-0X_4/4/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A06-002	Benzo(a)anthracene	SO	0.000	U	185	370	ug/kg	18.5
0A06-002	Benzo(a)pyrene	SO	0.000	U	185	370	ug/kg	185
0A06-002	Benzo(b)fluoranthene	SO	0.000	U	185	370	ug/kg	18.5
0A06-002	Benzo(k)fluoranthene	SO	0.000	U	185	370	ug/kg	1.85
0A06-002	Chrysene	SO	59.000	J	59	370	ug/kg	0.059
0A06-002	Dibenzo(a,h)anthracene	SO	0.000	U	185	370	ug/kg	185
0A06-002	Indeno(1,2,3-cd)pyrene	SO	0.000	U	185	370	ug/kg	18.5

'Samp_ID' = AUS-0A06-002-SS-0X_4/4/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : **427.409**

Samp_ID *AUS-0A06-003-SS-0X_4/4/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A06-003	Benzo(a)anthracene	SO	0.000	U	210	420	ug/kg	21
0A06-003	Benzo(a)pyrene	SO	0.000	U	210	420	ug/kg	210
0A06-003	Benzo(b)fluoranthene	SO	50.000	J	50	420	ug/kg	5
0A06-003	Benzo(k)fluoranthene	SO	52.000	J	52	420	ug/kg	0.52
0A06-003	Chrysene	SO	50.000	J	50	420	ug/kg	0.05
0A06-003	Dibenzo(a,h)anthracene	SO	0.000	U	210	420	ug/kg	210
0A06-003	Indeno(1,2,3-cd)pyrene	SO	0.000	U	210	420	ug/kg	21

'Samp_ID' = AUS-0A06-003-SS-0X_4/4/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : **467.57**

Samp_ID *AUS-0A06-004-SS-0X_4/5/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A06-004	Benzo(a)anthracene	SO	610.000		610	430	ug/kg	61
0A06-004	Benzo(a)pyrene	SO	570.000		570	430	ug/kg	570
0A06-004	Benzo(b)fluoranthene	SO	630.000		630	430	ug/kg	63
0A06-004	Benzo(k)fluoranthene	SO	580.000		580	430	ug/kg	5.8
0A06-004	Chrysene	SO	780.000		780	430	ug/kg	0.78
0A06-004	Dibenzo(a,h)anthracene	SO	190.000	J	190	430	ug/kg	190
0A06-004	Indeno(1,2,3-cd)pyrene	SO	330.000	J	330	430	ug/kg	33

'Samp_ID' = AUS-0A06-004-SS-0X_4/5/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : **923.58**

Samp_ID *AUS-0A06-005-SS-0X_4/4/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A06-005	Benzo(a)anthracene	SO	89.000	J	89	370	ug/kg	8.9
0A06-005	Benzo(a)pyrene	SO	97.000	J	97	370	ug/kg	97
0A06-005	Benzo(b)fluoranthene	SO	110.000	J	110	370	ug/kg	11
0A06-005	Benzo(k)fluoranthene	SO	89.000	J	89	370	ug/kg	0.89
0A06-005	Chrysene	SO	98.000	J	98	370	ug/kg	0.098
0A06-005	Dibenzo(a,h)anthracene	SO	47.000	J	47	370	ug/kg	47
0A06-005	Indeno(1,2,3-cd)pyrene	SO	52.000	J	52	370	ug/kg	5.2

'Samp_ID' = AUS-0A06-005-SS-0X_4/4/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *170.088*

Samp_ID *AUS-0A06-006-SS-0X_4/4/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A06-006	Benzo(a)anthracene	SO	0.000	U	175	350	ug/kg	17.5
0A06-006	Benzo(a)pyrene	SO	0.000	U	175	350	ug/kg	175
0A06-006	Benzo(b)fluoranthene	SO	59.000	J	59	350	ug/kg	5.9
0A06-006	Benzo(k)fluoranthene	SO	0.000	U	175	350	ug/kg	1.75
0A06-006	Chrysene	SO	74.000	J	74	350	ug/kg	0.074
0A06-006	Dibenzo(a,h)anthracene	SO	0.000	U	175	350	ug/kg	175
0A06-006	Indeno(1,2,3-cd)pyrene	SO	0.000	U	175	350	ug/kg	17.5

'Samp_ID' = AUS-0A06-006-SS-0X_4/4/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : **392.724**

Samp_ID AUS-0A06-007-SS-0X_4/4/00_(0-0.5)Grab_NM

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A06-007	Benzo(a)anthracene	SO	110.000	J	110	420	ug/kg	11
0A06-007	Benzo(a)pyrene	SO	94.000	J	94	420	ug/kg	94
0A06-007	Benzo(b)fluoranthene	SO	140.000	J	140	420	ug/kg	14
0A06-007	Benzo(k)fluoranthene	SO	150.000	J	150	420	ug/kg	1.5
0A06-007	Chrysene	SO	200.000	J	200	420	ug/kg	0.2
0A06-007	Dibenzo(a,h)anthracene	SO	0.000	U	210	420	ug/kg	210
0A06-007	Indeno(1,2,3-cd)pyrene	SO	55.000	J	55	420	ug/kg	5.5

'Samp_ID' = AUS-0A06-007-SS-0X_4/4/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : 336.2

Samp_ID AUS-0A06-008-SS-0X_4/4/00_(0-0.5)Grab_NM

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A06-008	Benzo(a)anthracene	SO	0.000	U	0	440	ug/kg	0
0A06-008	Benzo(a)pyrene	SO	0.000	U	0	440	ug/kg	0
0A06-008	Benzo(b)fluoranthene	SO	0.000	U	0	440	ug/kg	0
0A06-008	Benzo(k)fluoranthene	SO	0.000	U	0	440	ug/kg	0
0A06-008	Chrysene	SO	0.000	U	0	440	ug/kg	0
0A06-008	Dibenzo(a,h)anthracene	SO	0.000	U	0	440	ug/kg	0
0A06-008	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	440	ug/kg	0

'Samp_ID' = AUS-0A06-008-SS-0X_4/4/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID AUS-0A06-009-SS-0X_4/5/00_(0-0.5)Grab_NM

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A06-009	Benzo(a)anthracene	SO	140.000	J	140	440	ug/kg	14
0A06-009	Benzo(a)pyrene	SO	150.000	J	150	440	ug/kg	150
0A06-009	Benzo(b)fluoranthene	SO	200.000	J	200	440	ug/kg	20
0A06-009	Benzo(k)fluoranthene	SO	110.000	J	110	440	ug/kg	1.1
0A06-009	Chrysene	SO	200.000	J	200	440	ug/kg	0.2
0A06-009	Dibenzo(a,h)anthracene	SO	0.000	U	220	440	ug/kg	220
0A06-009	Indeno(1,2,3-cd)pyrene	SO	110.000	J	110	440	ug/kg	11

'Samp_ID' = AUS-0A06-009-SS-0X_4/5/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : 416.3

Samp_ID AUS-0A06-010-SS-0X_4/4/00_(0-0.5)Grab_NM

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A06-010	Benzo(a)anthracene	SO	49.000	J	49	420	ug/kg	4.9
0A06-010	Benzo(a)pyrene	SO	0.000	U	210	420	ug/kg	210
0A06-010	Benzo(b)fluoranthene	SO	62.000	J	62	420	ug/kg	6.2
0A06-010	Benzo(k)fluoranthene	SO	0.000	U	210	420	ug/kg	2.1
0A06-010	Chrysene	SO	55.000	J	55	420	ug/kg	0.055
0A06-010	Dibenzo(a,h)anthracene	SO	0.000	U	210	420	ug/kg	210
0A06-010	Indeno(1,2,3-cd)pyrene	SO	0.000	U	210	420	ug/kg	21

'Samp_ID' = AUS-0A06-010-SS-0X_4/4/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : 454.255

Samp_ID *AUS-0A06-011-SS-0X_4/4/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A06-011	Benzo(a)anthracene	SO	330.000	J	330	430	ug/kg	33
0A06-011	Benzo(a)pyrene	SO	310.000	J	310	430	ug/kg	310
0A06-011	Benzo(b)fluoranthene	SO	340.000	J	340	430	ug/kg	34
0A06-011	Benzo(k)fluoranthene	SO	400.000	J	400	430	ug/kg	4
0A06-011	Chrysene	SO	410.000	J	410	430	ug/kg	0.41
0A06-011	Dibenzo(a,h)anthracene	SO	61.000	J	61	430	ug/kg	61
0A06-011	Indeno(1,2,3-cd)pyrene	SO	150.000	J	150	430	ug/kg	15

'Samp_ID' = AUS-0A06-011-SS-0X_4/4/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : **457.41**

Samp_ID *AUS-0A06-012-SS-0X_4/5/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A06-012	Benzo(a)anthracene	SO	93.000	J	93	440	ug/kg	9.3
0A06-012	Benzo(a)pyrene	SO	110.000	J	110	440	ug/kg	110
0A06-012	Benzo(b)fluoranthene	SO	180.000	J	180	440	ug/kg	18
0A06-012	Benzo(k)fluoranthene	SO	140.000	J	140	440	ug/kg	1.4
0A06-012	Chrysene	SO	150.000	J	150	440	ug/kg	0.15
0A06-012	Dibenzo(a,h)anthracene	SO	0.000	U	220	440	ug/kg	220
0A06-012	Indeno(1,2,3-cd)pyrene	SO	65.000	J	65	440	ug/kg	6.5

'Samp_ID' = AUS-0A06-012-SS-0X_4/5/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : **365.35**

Samp_ID *AUS-0A06-013-SS-0X_4/4/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A06-013	Benzo(a)anthracene	SO	240.000	J	240	440	ug/kg	24
0A06-013	Benzo(a)pyrene	SO	270.000	J	270	440	ug/kg	270
0A06-013	Benzo(b)fluoranthene	SO	480.000		480	440	ug/kg	48
0A06-013	Benzo(k)fluoranthene	SO	360.000	J	360	440	ug/kg	3.6
0A06-013	Chrysene	SO	410.000	J	410	440	ug/kg	0.41
0A06-013	Dibenzo(a,h)anthracene	SO	0.000	U	220	440	ug/kg	220
0A06-013	Indeno(1,2,3-cd)pyrene	SO	160.000	J	160	440	ug/kg	16

'Samp_ID' = AUS-0A06-013-SS-0X_4/4/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : 582.01

Samp_ID *AUS-0A06-014-SS-0X_4/4/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A06-014	Benzo(a)anthracene	SO	0.000	U	0	400	ug/kg	0
0A06-014	Benzo(a)pyrene	SO	0.000	U	0	400	ug/kg	0
0A06-014	Benzo(b)fluoranthene	SO	0.000	U	0	400	ug/kg	0
0A06-014	Benzo(k)fluoranthene	SO	0.000	U	0	400	ug/kg	0
0A06-014	Chrysene	SO	0.000	U	0	400	ug/kg	0
0A06-014	Dibenzo(a,h)anthracene	SO	0.000	U	0	400	ug/kg	0
0A06-014	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	400	ug/kg	0

'Samp_ID' = AUS-0A06-014-SS-0X_4/4/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-0A06-015-SS-0X_4/4/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A06-015	Benzo(a)anthracene	SO	0.000	U	0	350	ug/kg	0
0A06-015	Benzo(a)pyrene	SO	0.000	U	0	350	ug/kg	0
0A06-015	Benzo(b)fluoranthene	SO	0.000	U	0	350	ug/kg	0
0A06-015	Benzo(k)fluoranthene	SO	0.000	U	0	350	ug/kg	0
0A06-015	Chrysene	SO	0.000	U	0	350	ug/kg	0
0A06-015	Dibenzo(a,h)anthracene	SO	0.000	U	0	350	ug/kg	0
0A06-015	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	350	ug/kg	0

'Samp_ID' = AUS-0A06-015-SS-0X_4/4/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-0A06-016-SS-0X_4/5/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A06-016	Benzo(a)anthracene	SO	8700.000		8700	2100	ug/kg	870
0A06-016	Benzo(a)pyrene	SO	8400.000		8400	2100	ug/kg	8400
0A06-016	Benzo(b)fluoranthene	SO	0000.000		10000	2100	ug/kg	1000
0A06-016	Benzo(k)fluoranthene	SO	7300.000		7300	2100	ug/kg	73
0A06-016	Chrysene	SO	1000.000		11000	2100	ug/kg	11
0A06-016	Dibenzo(a,h)anthracene	SO	2300.000		2300	2100	ug/kg	2300
0A06-016	Indeno(1,2,3-cd)pyrene	SO	4200.000		4200	2100	ug/kg	420

'Samp_ID' = AUS-0A06-016-SS-0X_4/5/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : **13074**

Samp_ID *AUS-0A06-017-SS-0X_4/5/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A06-017	Benzo(a)anthracene	SO	2700.000		2700	910	ug/kg	270
0A06-017	Benzo(a)pyrene	SO	2200.000		2200	910	ug/kg	2200
0A06-017	Benzo(b)fluoranthene	SO	2800.000		2800	460	ug/kg	280
0A06-017	Benzo(k)fluoranthene	SO	1900.000		1900	910	ug/kg	19
0A06-017	Chrysene	SO	3300.000		3300	910	ug/kg	3.3
0A06-017	Dibenzo(a,h)anthracene	SO	620.000		620	460	ug/kg	620
0A06-017	Indeno(1,2,3-cd)pyrene	SO	1100.000		1100	910	ug/kg	110

'Samp_ID' = AUS-0A06-017-SS-0X_4/5/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : **3502.3**

Samp_ID *AUS-0A06-018-SS-0X_4/5/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A06-018	Benzo(a)anthracene	SO	270.000	J	270	420	ug/kg	27
0A06-018	Benzo(a)pyrene	SO	310.000	J	310	420	ug/kg	310
0A06-018	Benzo(b)fluoranthene	SO	330.000	J	330	420	ug/kg	33
0A06-018	Benzo(k)fluoranthene	SO	270.000	J	270	420	ug/kg	2.7
0A06-018	Chrysene	SO	360.000	J	360	420	ug/kg	0.36
0A06-018	Dibenzo(a,h)anthracene	SO	94.000	J	94	420	ug/kg	94
0A06-018	Indeno(1,2,3-cd)pyrene	SO	160.000	J	160	420	ug/kg	16

'Samp_ID' = AUS-0A06-018-SS-0X_4/5/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : **483.06**

Samp_ID *AUS-0A06-019-SS-0X_4/5/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A06-019	Benzo(a)anthracene	SO	0.000	U	0	400	ug/kg	0
0A06-019	Benzo(a)pyrene	SO	0.000	U	0	400	ug/kg	0
0A06-019	Benzo(b)fluoranthene	SO	0.000	U	0	400	ug/kg	0
0A06-019	Benzo(k)fluoranthene	SO	0.000	U	0	400	ug/kg	0
0A06-019	Chrysene	SO	0.000	U	0	400	ug/kg	0
0A06-019	Dibenzo(a,h)anthracene	SO	0.000	U	0	400	ug/kg	0
0A06-019	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	400	ug/kg	0

'Samp_ID' = AUS-0A06-019-SS-0X_4/5/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-0A06-020-SS-0X_4/5/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A06-020	Benzo(a)anthracene	SO	230.000	J	230	440	ug/kg	23
0A06-020	Benzo(a)pyrene	SO	220.000	J	220	440	ug/kg	220
0A06-020	Benzo(b)fluoranthene	SO	300.000	J	300	440	ug/kg	30
0A06-020	Benzo(k)fluoranthene	SO	200.000	J	200	440	ug/kg	2
0A06-020	Chrysene	SO	300.000	J	300	440	ug/kg	0.3
0A06-020	Dibenzo(a,h)anthracene	SO	0.000	U	220	440	ug/kg	220
0A06-020	Indeno(1,2,3-cd)pyrene	SO	110.000	J	110	440	ug/kg	11

'Samp_ID' = AUS-0A06-020-SS-0X_4/5/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : **506.3**

Samp_ID *AUS-0A06-021-SS-0X_4/5/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A06-021	Benzo(a)anthracene	SO	0.000	U	200	400	ug/kg	20
0A06-021	Benzo(a)pyrene	SO	0.000	U	200	400	ug/kg	200
0A06-021	Benzo(b)fluoranthene	SO	0.000	U	200	400	ug/kg	20
0A06-021	Benzo(k)fluoranthene	SO	0.000	U	200	400	ug/kg	2
0A06-021	Chrysene	SO	41.000	J	41	400	ug/kg	0.041
0A06-021	Dibenzo(a,h)anthracene	SO	0.000	U	200	400	ug/kg	200
0A06-021	Indeno(1,2,3-cd)pyrene	SO	0.000	U	200	400	ug/kg	20

'Samp_ID' = AUS-0A06-021-SS-0X_4/5/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : **462.041**

Samp_ID *AUS-0A06-022-SS-0X_4/5/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A06-022	Benzo(a)anthracene	SO	63.000	J	63	440	ug/kg	6.3
0A06-022	Benzo(a)pyrene	SO	64.000	J	64	440	ug/kg	64
0A06-022	Benzo(b)fluoranthene	SO	66.000	J	66	440	ug/kg	6.6
0A06-022	Benzo(k)fluoranthene	SO	66.000	J	66	440	ug/kg	0.66
0A06-022	Chrysene	SO	100.000	J	100	440	ug/kg	0.1
0A06-022	Dibenzo(a,h)anthracene	SO	0.000	U	220	440	ug/kg	220
0A06-022	Indeno(1,2,3-cd)pyrene	SO	0.000	U	220	440	ug/kg	22

'Samp_ID' = AUS-0A06-022-SS-0X_4/5/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : **319.66**

Samp_ID AUS-0A06-023-SS-0X_4/5/00_(0-0.5)Grab_NM

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A06-023	Benzo(a)anthracene	SO	530.000	J	530	620	ug/kg	53
0A06-023	Benzo(a)pyrene	SO	490.000	J	490	620	ug/kg	490
0A06-023	Benzo(b)fluoranthene	SO	490.000	J	490	620	ug/kg	49
0A06-023	Benzo(k)fluoranthene	SO	490.000	J	490	620	ug/kg	4.9
0A06-023	Chrysene	SO	680.000		680	620	ug/kg	0.68
0A06-023	Dibenzo(a,h)anthracene	SO	0.000	U	310	620	ug/kg	310
0A06-023	Indeno(1,2,3-cd)pyrene	SO	290.000	J	290	620	ug/kg	29

'Samp_ID' = AUS-0A06-023-SS-0X_4/5/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : **936.58**

Samp_ID AUS-0A06-024-SS-0X_4/5/00_(0-0.5)Grab_NM

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A06-024	Benzo(a)anthracene	SO	840.000		840	680	ug/kg	84
0A06-024	Benzo(a)pyrene	SO	790.000		790	680	ug/kg	790
0A06-024	Benzo(b)fluoranthene	SO	1000.000		1000	680	ug/kg	100
0A06-024	Benzo(k)fluoranthene	SO	710.000		710	680	ug/kg	7.1
0A06-024	Chrysene	SO	1100.000		1100	680	ug/kg	1.1
0A06-024	Dibenzo(a,h)anthracene	SO	210.000	J	210	680	ug/kg	210
0A06-024	Indeno(1,2,3-cd)pyrene	SO	450.000	J	450	680	ug/kg	45

'Samp_ID' = AUS-0A06-024-SS-0X_4/5/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : **1237.2**

Samp_ID *AUS-0A06-025-SS-0X_4/5/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A06-025	Benzo(a)anthracene	SO	3500.000		3500	510	ug/kg	350
0A06-025	Benzo(a)pyrene	SO	3400.000		3400	510	ug/kg	3400
0A06-025	Benzo(b)fluoranthene	SO	4400.000		4400	510	ug/kg	440
0A06-025	Benzo(k)fluoranthene	SO	3200.000		3200	510	ug/kg	32
0A06-025	Chrysene	SO	4500.000		4500	510	ug/kg	4.5
0A06-025	Dibenzo(a,h)anthracene	SO	1000.000		1000	510	ug/kg	1000
0A06-025	Indeno(1,2,3-cd)pyrene	SO	1800.000		1800	510	ug/kg	180

'Samp_ID' = AUS-0A06-025-SS-0X_4/5/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : **5406.5**

Samp_ID *AUS-0A06-026-SS-0X_4/5/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A06-026	Benzo(a)anthracene	SO	340.000	J	340	440	ug/kg	34
0A06-026	Benzo(a)pyrene	SO	370.000	J	370	440	ug/kg	370
0A06-026	Benzo(b)fluoranthene	SO	540.000		540	440	ug/kg	54
0A06-026	Benzo(k)fluoranthene	SO	310.000	J	310	440	ug/kg	3.1
0A06-026	Chrysene	SO	470.000		470	440	ug/kg	0.47
0A06-026	Dibenzo(a,h)anthracene	SO	0.000	U	220	440	ug/kg	220
0A06-026	Indeno(1,2,3-cd)pyrene	SO	220.000	J	220	440	ug/kg	22

'Samp_ID' = AUS-0A06-026-SS-0X_4/5/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : **703.57**

Samp_ID *AUS-0A06-501-SS-0X_4/5/00_(0-0.5)Grab_DUP*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A06-004	Benzo(a)anthracene	SO	280.000	J	280	430	ug/kg	28
0A06-004	Benzo(a)pyrene	SO	300.000	J	300	430	ug/kg	300
0A06-004	Benzo(b)fluoranthene	SO	390.000	J	390	430	ug/kg	39
0A06-004	Benzo(k)fluoranthene	SO	270.000	J	270	430	ug/kg	2.7
0A06-004	Chrysene	SO	380.000	J	380	430	ug/kg	0.38
0A06-004	Dibenzo(a,h)anthracene	SO	0.000	U	215	430	ug/kg	215
0A06-004	Indeno(1,2,3-cd)pyrene	SO	170.000	J	170	430	ug/kg	17

'Samp_ID' = AUS-0A06-501-SS-0X_4/5/00_(0-0.5)Grab_DUP (7 detail records)

Toxic Equivalency Quotient (TEQ) : **602.08**

Samp_ID *AUS-0A06-502-SS-0X_4/4/00_(0-0.5)Grab_DUP*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A06-013	Benzo(a)anthracene	SO	110.000	J	110	440	ug/kg	11
0A06-013	Benzo(a)pyrene	SO	140.000	J	140	440	ug/kg	140
0A06-013	Benzo(b)fluoranthene	SO	280.000	J	280	440	ug/kg	28
0A06-013	Benzo(k)fluoranthene	SO	230.000	J	230	440	ug/kg	2.3
0A06-013	Chrysene	SO	220.000	J	220	440	ug/kg	0.22
0A06-013	Dibenzo(a,h)anthracene	SO	0.000	U	220	440	ug/kg	220
0A06-013	Indeno(1,2,3-cd)pyrene	SO	84.000	J	84	440	ug/kg	8.4

'Samp_ID' = AUS-0A06-502-SS-0X_4/4/00_(0-0.5)Grab_DUP (7 detail records)

Toxic Equivalency Quotient (TEQ) : **409.92**

Samp_ID *AUS-0A06-503-SS-0X_4/5/00_(0-0.5)Grab_DUP*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A06-026	Benzo(a)anthracene	SO	470.000		470	440	ug/kg	47
0A06-026	Benzo(a)pyrene	SO	460.000		460	440	ug/kg	460
0A06-026	Benzo(b)fluoranthene	SO	500.000		500	440	ug/kg	50
0A06-026	Benzo(k)fluoranthene	SO	520.000		520	440	ug/kg	5.2
0A06-026	Chrysene	SO	590.000		590	440	ug/kg	0.59
0A06-026	Dibenzo(a,h)anthracene	SO	0.000	U	220	440	ug/kg	220
0A06-026	Indeno(1,2,3-cd)pyrene	SO	290.000	J	290	440	ug/kg	29

'Samp_ID' = AUS-0A06-503-SS-0X_4/5/00_(0-0.5)Grab_DUP (7 detail records)

Toxic Equivalency Quotient (TEQ) : 811.79

Samp_ID *AUS-0A07-006-SS-0X_5/10/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A07-006	Benzo(a)anthracene	SO	0.000	U	0	410	ug/kg	0
0A07-006	Benzo(a)pyrene	SO	0.000	U	0	410	ug/kg	0
0A07-006	Benzo(b)fluoranthene	SO	0.000	U	0	410	ug/kg	0
0A07-006	Benzo(k)fluoranthene	SO	0.000	U	0	410	ug/kg	0
0A07-006	Chrysene	SO	0.000	U	0	410	ug/kg	0
0A07-006	Dibenzo(a,h)anthracene	SO	0.000	U	0	410	ug/kg	0
0A07-006	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	410	ug/kg	0

'Samp_ID' = AUS-0A07-006-SS-0X_5/10/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-0A07-008-SD-0X_5/11/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A07-008	Benzo(a)anthracene	SO	0.000	U	205	410	ug/kg	20.5
0A07-008	Benzo(a)pyrene	SO	0.000	U	205	410	ug/kg	205
0A07-008	Benzo(b)fluoranthene	SO	0.000	U	205	410	ug/kg	20.5
0A07-008	Benzo(k)fluoranthene	SO	0.000	U	205	410	ug/kg	2.05
0A07-008	Chrysene	SO	47.000	J	47	410	ug/kg	0.047
0A07-008	Dibenzo(a,h)anthracene	SO	0.000	U	205	410	ug/kg	205
0A07-008	Indeno(1,2,3-cd)pyrene	SO	0.000	U	205	410	ug/kg	20.5

'Samp_ID' = AUS-0A07-008-SD-0X_5/11/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : 473.597

Samp_ID *AUS-0A07-009-SS-0X_5/10/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A07-009	Benzo(a)anthracene	SO	0.000	U	0	420	ug/kg	0
0A07-009	Benzo(a)pyrene	SO	0.000	U	0	420	ug/kg	0
0A07-009	Benzo(b)fluoranthene	SO	0.000	U	0	420	ug/kg	0
0A07-009	Benzo(k)fluoranthene	SO	0.000	U	0	420	ug/kg	0
0A07-009	Chrysene	SO	0.000	U	0	420	ug/kg	0
0A07-009	Dibenzo(a,h)anthracene	SO	0.000	U	0	420	ug/kg	0
0A07-009	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	420	ug/kg	0

'Samp_ID' = AUS-0A07-009-SS-0X_5/10/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-0A07-010-SS-0X_5/10/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A07-010	Benzo(a)anthracene	SO	0.000	U	215	430	ug/kg	21.5
0A07-010	Benzo(a)pyrene	SO	0.000	U	215	430	ug/kg	215
0A07-010	Benzo(b)fluoranthene	SO	57.000	J	57	430	ug/kg	5.7
0A07-010	Benzo(k)fluoranthene	SO	51.000	J	51	430	ug/kg	0.51
0A07-010	Chrysene	SO	53.000	J	53	430	ug/kg	0.053
0A07-010	Dibenzo(a,h)anthracene	SO	0.000	U	215	430	ug/kg	215
0A07-010	Indeno(1,2,3-cd)pyrene	SO	0.000	U	215	430	ug/kg	21.5

'Samp_ID' = AUS-0A07-010-SS-0X_5/10/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : 479.263

Samp_ID *AUS-0A07-011-SD-0X_5/11/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A07-011	Benzo(a)anthracene	SO	0.000	U	0	470	ug/kg	0
0A07-011	Benzo(a)pyrene	SO	0.000	U	0	470	ug/kg	0
0A07-011	Benzo(b)fluoranthene	SO	0.000	U	0	470	ug/kg	0
0A07-011	Benzo(k)fluoranthene	SO	0.000	U	0	470	ug/kg	0
0A07-011	Chrysene	SO	0.000	U	0	470	ug/kg	0
0A07-011	Dibenzo(a,h)anthracene	SO	0.000	U	0	470	ug/kg	0
0A07-011	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	470	ug/kg	0

'Samp_ID' = AUS-0A07-011-SD-0X_5/11/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-0A07-012-SS-0X_5/11/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A07-012	Benzo(a)anthracene	SO	47.000	J	47	410	ug/kg	4.7
0A07-012	Benzo(a)pyrene	SO	48.000	J	48	410	ug/kg	48
0A07-012	Benzo(b)fluoranthene	SO	64.000	J	64	410	ug/kg	6.4
0A07-012	Benzo(k)fluoranthene	SO	63.000	J	63	410	ug/kg	0.63
0A07-012	Chrysene	SO	62.000	J	62	410	ug/kg	0.062
0A07-012	Dibenzo(a,h)anthracene	SO	0.000	U	205	410	ug/kg	205
0A07-012	Indeno(1,2,3-cd)pyrene	SO	0.000	U	205	410	ug/kg	20.5

'Samp_ID' = AUS-0A07-012-SS-0X_5/11/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : **285.292**

Samp_ID *AUS-0A07-013-SS-0X_5/11/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A07-013	Benzo(a)anthracene	SO	63.000	J	63	440	ug/kg	6.3
0A07-013	Benzo(a)pyrene	SO	66.000	J	66	440	ug/kg	66
0A07-013	Benzo(b)fluoranthene	SO	76.000	J	76	440	ug/kg	7.6
0A07-013	Benzo(k)fluoranthene	SO	80.000	J	80	440	ug/kg	0.8
0A07-013	Chrysene	SO	96.000	J	96	440	ug/kg	0.096
0A07-013	Dibenzo(a,h)anthracene	SO	0.000	U	220	440	ug/kg	220
0A07-013	Indeno(1,2,3-cd)pyrene	SO	0.000	U	220	440	ug/kg	22

'Samp_ID' = AUS-0A07-013-SS-0X_5/11/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : **322.796**

Samp_ID *AUS-0A07-014-SD-0X_5/10/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A07-014	Benzo(a)anthracene	SO	0.000	U	0	480	ug/kg	0
0A07-014	Benzo(a)pyrene	SO	0.000	U	0	480	ug/kg	0
0A07-014	Benzo(b)fluoranthene	SO	0.000	U	0	480	ug/kg	0
0A07-014	Benzo(k)fluoranthene	SO	0.000	U	0	480	ug/kg	0
0A07-014	Chrysene	SO	0.000	U	0	480	ug/kg	0
0A07-014	Dibenzo(a,h)anthracene	SO	0.000	U	0	480	ug/kg	0
0A07-014	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	480	ug/kg	0

'Samp_ID' = AUS-0A07-014-SD-0X_5/10/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-0A07-016-SS-0X_5/10/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A07-016	Benzo(a)anthracene	SO	0.000	U	0	410	ug/kg	0
0A07-016	Benzo(a)pyrene	SO	0.000	U	0	410	ug/kg	0
0A07-016	Benzo(b)fluoranthene	SO	0.000	U	0	410	ug/kg	0
0A07-016	Benzo(k)fluoranthene	SO	0.000	U	0	410	ug/kg	0
0A07-016	Chrysene	SO	0.000	U	0	410	ug/kg	0
0A07-016	Dibenzo(a,h)anthracene	SO	0.000	U	0	410	ug/kg	0
0A07-016	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	410	ug/kg	0

'Samp_ID' = AUS-0A07-016-SS-0X_5/10/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-0A07-017-SD-0X_5/10/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A07-017	Benzo(a)anthracene	SO	1300.000		1300	410	ug/kg	130
0A07-017	Benzo(a)pyrene	SO	2400.000		2400	410	ug/kg	2400
0A07-017	Benzo(b)fluoranthene	SO	3200.000		3200	410	ug/kg	320
0A07-017	Benzo(k)fluoranthene	SO	2800.000		2800	410	ug/kg	28
0A07-017	Chrysene	SO	2100.000		2100	410	ug/kg	2.1
0A07-017	Dibenzo(a,h)anthracene	SO	550.000		550	410	ug/kg	550
0A07-017	Indeno(1,2,3-cd)pyrene	SO	1200.000		1200	410	ug/kg	120

'Samp_ID' = AUS-0A07-017-SD-0X_5/10/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : **3550.1**

Samp_ID *AUS-0A07-018-SS-0X_5/10/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A07-018	Benzo(a)anthracene	SO	0.000	U	0	400	ug/kg	0
0A07-018	Benzo(a)pyrene	SO	0.000	U	0	400	ug/kg	0
0A07-018	Benzo(b)fluoranthene	SO	0.000	U	0	400	ug/kg	0
0A07-018	Benzo(k)fluoranthene	SO	0.000	U	0	400	ug/kg	0
0A07-018	Chrysene	SO	0.000	U	0	400	ug/kg	0
0A07-018	Dibenzo(a,h)anthracene	SO	0.000	U	0	400	ug/kg	0
0A07-018	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	400	ug/kg	0

'Samp_ID' = AUS-0A07-018-SS-0X_5/10/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-0A07-019-SS-0X_5/10/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A07-019	Benzo(a)anthracene	SO	790.000		790	370	ug/kg	79
0A07-019	Benzo(a)pyrene	SO	1400.000		1400	370	ug/kg	1400
0A07-019	Benzo(b)fluoranthene	SO	670.000		670	370	ug/kg	67
0A07-019	Benzo(k)fluoranthene	SO	190.000	J	190	370	ug/kg	1.9
0A07-019	Chrysene	SO	2000.000		2000	370	ug/kg	2
0A07-019	Dibenzo(a,h)anthracene	SO	320.000	J	320	370	ug/kg	320
0A07-019	Indeno(1,2,3-cd)pyrene	SO	430.000		430	370	ug/kg	43

'Samp_ID' = AUS-0A07-019-SS-0X_5/10/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : **1912.9**

Samp_ID *AUS-0A07-020-SS-0X_5/10/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A07-020	Benzo(a)anthracene	SO	260.000	J	260	440	ug/kg	26
0A07-020	Benzo(a)pyrene	SO	350.000	J	350	440	ug/kg	350
0A07-020	Benzo(b)fluoranthene	SO	480.000		480	440	ug/kg	48
0A07-020	Benzo(k)fluoranthene	SO	430.000	J	430	440	ug/kg	4.3
0A07-020	Chrysene	SO	400.000	J	400	440	ug/kg	0.4
0A07-020	Dibenzo(a,h)anthracene	SO	95.000	J	95	440	ug/kg	95
0A07-020	Indeno(1,2,3-cd)pyrene	SO	240.000	J	240	440	ug/kg	24

'Samp_ID' = AUS-0A07-020-SS-0X_5/10/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : **547.7**

Samp_ID *AUS-0A07-021-SS-0X_5/10/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A07-021	Benzo(a)anthracene	SO	0.000	U	0	410	ug/kg	0
0A07-021	Benzo(a)pyrene	SO	0.000	U	0	410	ug/kg	0
0A07-021	Benzo(b)fluoranthene	SO	0.000	U	0	410	ug/kg	0
0A07-021	Benzo(k)fluoranthene	SO	0.000	U	0	410	ug/kg	0
0A07-021	Chrysene	SO	0.000	U	0	410	ug/kg	0
0A07-021	Dibenzo(a,h)anthracene	SO	0.000	U	0	410	ug/kg	0
0A07-021	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	410	ug/kg	0

'Samp_ID' = AUS-0A07-021-SS-0X_5/10/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-0A07-025-SD-0X_3/20/01_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A07-025	BENZO(A)ANTHRACENE	SE	0.000	ND	650	1300	ug/kg	65
0A07-025	BENZO(A)PYRENE	SE	0.000	ND	650	1300	ug/kg	650
0A07-025	BENZO(B)FLUORANTHE	SE	0.000	ND	650	1300	ug/kg	65
0A07-025	BENZO(K)FLUORANTHE	SE	0.000	ND	650	1300	ug/kg	6.5
0A07-025	CHRYSENE	SE	0.000	ND	650	1300	ug/kg	0.65
0A07-025	Dibenzo(a,h)anthracene	SE	0.000	ND	650	1300	ug/kg	650
0A07-025	Indeno(1,2,3-cd)pyrene	SE	0.000	ND	650	1300	ug/kg	65

'Samp_ID' = AUS-0A07-025-SD-0X_3/20/01_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : **1502.15**

Samp_ID *AUS-0A07-026-SS-0X_5/10/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A07-026	Benzo(a)anthracene	SO	0.000	U	0	410	ug/kg	0
0A07-026	Benzo(a)pyrene	SO	0.000	U	0	410	ug/kg	0
0A07-026	Benzo(b)fluoranthene	SO	0.000	U	0	410	ug/kg	0
0A07-026	Benzo(k)fluoranthene	SO	0.000	U	0	410	ug/kg	0
0A07-026	Chrysene	SO	0.000	U	0	410	ug/kg	0
0A07-026	Dibenzo(a,h)anthracene	SO	0.000	U	0	410	ug/kg	0
0A07-026	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	410	ug/kg	0

'Samp_ID' = AUS-0A07-026-SS-0X_5/10/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-0A07-027-SS-0X_5/10/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A07-027	Benzo(a)anthracene	SO	430.000		430	400	ug/kg	43
0A07-027	Benzo(a)pyrene	SO	440.000		440	400	ug/kg	440
0A07-027	Benzo(b)fluoranthene	SO	690.000		690	400	ug/kg	69
0A07-027	Benzo(k)fluoranthene	SO	710.000		710	400	ug/kg	7.1
0A07-027	Chrysene	SO	740.000		740	400	ug/kg	0.74
0A07-027	Dibenzo(a,h)anthracene	SO	130.000	J	130	400	ug/kg	130
0A07-027	Indeno(1,2,3-cd)pyrene	SO	260.000	J	260	400	ug/kg	26

'Samp_ID' = AUS-0A07-027-SS-0X_5/10/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : **715.84**

Samp_ID *AUS-0A07-028-SS-0X_5/10/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A07-028	Benzo(a)anthracene	SO	60.000	J	60	440	ug/kg	6
0A07-028	Benzo(a)pyrene	SO	50.000	J	50	440	ug/kg	50
0A07-028	Benzo(b)fluoranthene	SO	85.000	J	85	440	ug/kg	8.5
0A07-028	Benzo(k)fluoranthene	SO	76.000	J	76	440	ug/kg	0.76
0A07-028	Chrysene	SO	120.000	J	120	440	ug/kg	0.12
0A07-028	Dibenzo(a,h)anthracene	SO	0.000	U	220	440	ug/kg	220
0A07-028	Indeno(1,2,3-cd)pyrene	SO	0.000	U	220	440	ug/kg	22

'Samp_ID' = AUS-0A07-028-SS-0X_5/10/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : **307.38**

Samp_ID *AUS-0A07-029-SS-0X_4/14/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A07-029	Benzo(a)anthracene	SO	0.000	U	0	410	ug/kg	0
0A07-029	Benzo(a)pyrene	SO	0.000	U	0	410	ug/kg	0
0A07-029	Benzo(b)fluoranthene	SO	0.000	U	0	410	ug/kg	0
0A07-029	Benzo(k)fluoranthene	SO	0.000	U	0	410	ug/kg	0
0A07-029	Chrysene	SO	0.000	U	0	410	ug/kg	0
0A07-029	Dibenzo(a,h)anthracene	SO	0.000	U	0	410	ug/kg	0
0A07-029	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	410	ug/kg	0

'Samp_ID' = AUS-0A07-029-SS-0X_4/14/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-0A07-029-SS-10_4/14/00_(10-10)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A07-029	Benzo(a)anthracene	SO	0.000	U	0	400	ug/kg	0
0A07-029	Benzo(a)pyrene	SO	0.000	U	0	400	ug/kg	0
0A07-029	Benzo(b)fluoranthene	SO	0.000	U	0	400	ug/kg	0
0A07-029	Benzo(k)fluoranthene	SO	0.000	U	0	400	ug/kg	0
0A07-029	Chrysene	SO	0.000	U	0	400	ug/kg	0
0A07-029	Dibenzo(a,h)anthracene	SO	0.000	U	0	400	ug/kg	0
0A07-029	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	400	ug/kg	0

'Samp_ID' = AUS-0A07-029-SS-10_4/14/00_(10-10)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-0A07-030-SS-06_4/17/00_(6-6)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A07-030	Benzo(a)anthracene	SO	0.000	U	0	370	ug/kg	0
0A07-030	Benzo(a)pyrene	SO	0.000	U	0	370	ug/kg	0
0A07-030	Benzo(b)fluoranthene	SO	0.000	U	0	370	ug/kg	0
0A07-030	Benzo(k)fluoranthene	SO	0.000	U	0	370	ug/kg	0
0A07-030	Chrysene	SO	0.000	U	0	370	ug/kg	0
0A07-030	Dibenzo(a,h)anthracene	SO	0.000	U	0	370	ug/kg	0
0A07-030	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	370	ug/kg	0

'Samp_ID' = AUS-0A07-030-SS-06_4/17/00_(6-6)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID AUS-0A07-030-SS-0X_4/17/00_(0-0.5)Grab_NM

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A07-030	Benzo(a)anthracene	SO	0.000	U	0	390	ug/kg	0
0A07-030	Benzo(a)pyrene	SO	0.000	U	0	390	ug/kg	0
0A07-030	Benzo(b)fluoranthene	SO	0.000	U	0	390	ug/kg	0
0A07-030	Benzo(k)fluoranthene	SO	0.000	U	0	390	ug/kg	0
0A07-030	Chrysene	SO	0.000	U	0	390	ug/kg	0
0A07-030	Dibenzo(a,h)anthracene	SO	0.000	U	0	390	ug/kg	0
0A07-030	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	390	ug/kg	0

'Samp_ID' = AUS-0A07-030-SS-0X_4/17/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID AUS-0A07-038-SS-0X_3/22/01_(0-0.5)Grab_NM

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A07-038	Benzo(a)anthracene	SO	0.000	U	650	1300	ug/kg	65
0A07-038	Benzo(a)pyrene	SO	0.000	U	650	1300	ug/kg	650
0A07-038	Benzo(b)fluoranthene	SO	0.000	U	650	1300	ug/kg	65
0A07-038	Benzo(k)fluoranthene	SO	0.000	U	650	1300	ug/kg	6.5
0A07-038	Chrysene	SO	0.000	U	650	1300	ug/kg	0.65
0A07-038	Dibenzo(a,h)anthracene	SO	0.000	U	650	1300	ug/kg	650
0A07-038	Indeno(1,2,3-cd)pyrene	SO	0.000	U	650	1300	ug/kg	65

'Samp_ID' = AUS-0A07-038-SS-0X_3/22/01_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : **1502.15**

Samp_ID *AUS-0A07-042-SS-04_3/22/01_(4-4)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A07-042	Benzo(a)anthracene	SO	100.000		100	15	ug/kg	10
0A07-042	Benzo(a)pyrene	SO	0.000	U	7.5	15	ug/kg	7.5
0A07-042	Benzo(b)fluoranthene	SO	6.800		6.8	6.3	ug/kg	0.68
0A07-042	Benzo(k)fluoranthene	SO	4.500	J	4.5	6.3	ug/kg	0.045
0A07-042	Chrysene	SO	81.000		81	15	ug/kg	0.081
0A07-042	Dibenzo(a,h)anthracene	SO	0.000	U	31	62	ug/kg	31
0A07-042	Indeno(1,2,3-cd)pyrene	SO	0.000	U	7.5	15	ug/kg	0.75

'Samp_ID' = AUS-0A07-042-SS-04_3/22/01_(4-4)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *50.056*

Samp_ID *AUS-0A07-043-SS-0X_3/22/01_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A07-043	Benzo(a)anthracene	SO	0.000	U	550	1100	ug/kg	55
0A07-043	Benzo(a)pyrene	SO	0.000	U	550	1100	ug/kg	550
0A07-043	Benzo(b)fluoranthene	SO	0.000	U	550	1100	ug/kg	55
0A07-043	Benzo(k)fluoranthene	SO	0.000	U	550	1100	ug/kg	5.5
0A07-043	Chrysene	SO	0.000	U	550	1100	ug/kg	0.55
0A07-043	Dibenzo(a,h)anthracene	SO	0.000	U	550	1100	ug/kg	550
0A07-043	Indeno(1,2,3-cd)pyrene	SO	0.000	U	550	1100	ug/kg	55

'Samp_ID' = AUS-0A07-043-SS-0X_3/22/01_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : **1271.05**

Samp_ID AUS-0A07-045-SS-04_3/23/01_(4-4)Grab_NM

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A07-045	Benzo(a)anthracene	SO	0.000	U	550	1100	ug/kg	55
0A07-045	Benzo(a)pyrene	SO	0.000	U	550	1100	ug/kg	550
0A07-045	Benzo(b)fluoranthene	SO	0.000	U	550	1100	ug/kg	55
0A07-045	Benzo(k)fluoranthene	SO	0.000	U	550	1100	ug/kg	5.5
0A07-045	Chrysene	SO	0.000	U	550	1100	ug/kg	0.55
0A07-045	Dibenzo(a,h)anthracene	SO	0.000	U	550	1100	ug/kg	550
0A07-045	Indeno(1,2,3-cd)pyrene	SO	0.000	U	550	1100	ug/kg	55

'Samp_ID' = AUS-0A07-045-SS-04_3/23/01_(4-4)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : 1271.05

Samp_ID AUS-0A07-045-SS-0X_3/23/01_(0-0.5)Grab_NM

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A07-045	Benzo(a)anthracene	SO	0.000	U	750	1500	ug/kg	75
0A07-045	Benzo(a)pyrene	SO	0.000	U	750	1500	ug/kg	750
0A07-045	Benzo(b)fluoranthene	SO	0.000	U	750	1500	ug/kg	75
0A07-045	Benzo(k)fluoranthene	SO	0.000	U	750	1500	ug/kg	7.5
0A07-045	Chrysene	SO	0.000	U	750	1500	ug/kg	0.75
0A07-045	Dibenzo(a,h)anthracene	SO	0.000	U	750	1500	ug/kg	750
0A07-045	Indeno(1,2,3-cd)pyrene	SO	0.000	U	750	1500	ug/kg	75

'Samp_ID' = AUS-0A07-045-SS-0X_3/23/01_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : 1733.25

Samp_ID *AUS-0A07-047-SS-03_3/22/01_(3-3)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A07-047	Benzo(a)anthracene	SO	18.000		18	16	ug/kg	1.8
0A07-047	Benzo(a)pyrene	SO	17.000		17	16	ug/kg	17
0A07-047	Benzo(b)fluoranthene	SO	21.000		21	6.3	ug/kg	2.1
0A07-047	Benzo(k)fluoranthene	SO	11.000		11	6.3	ug/kg	0.11
0A07-047	Chrysene	SO	18.000		18	16	ug/kg	0.018
0A07-047	Dibenzo(a,h)anthracene	SO	0.000	U	31	62	ug/kg	31
0A07-047	Indeno(1,2,3-cd)pyrene	SO	14.000	J	14	16	ug/kg	1.4

'Samp_ID' = AUS-0A07-047-SS-03_3/22/01_(3-3)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *53.428*

Samp_ID *AUS-0A07-047-SS-04_3/22/01_(4-4)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A07-047	Benzo(a)anthracene	SO	25.000		25	16	ug/kg	2.5
0A07-047	Benzo(a)pyrene	SO	10.000	J	10	16	ug/kg	10
0A07-047	Benzo(b)fluoranthene	SO	12.000		12	6.3	ug/kg	1.2
0A07-047	Benzo(k)fluoranthene	SO	6.000	J	6	6.3	ug/kg	0.06
0A07-047	Chrysene	SO	23.000		23	16	ug/kg	0.023
0A07-047	Dibenzo(a,h)anthracene	SO	0.000	U	31	62	ug/kg	31
0A07-047	Indeno(1,2,3-cd)pyrene	SO	10.000	J	10	16	ug/kg	1

'Samp_ID' = AUS-0A07-047-SS-04_3/22/01_(4-4)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *45.783*

Samp_ID *AUS-0A07-047-SS-05_3/22/01_(5-5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A07-047	Benzo(a)anthracene	SO	8.200	J	8.2	16	ug/kg	0.82
0A07-047	Benzo(a)pyrene	SO	0.000	U	8	16	ug/kg	8
0A07-047	Benzo(b)fluoranthene	SO	5.000	J	5	6.4	ug/kg	0.5
0A07-047	Benzo(k)fluoranthene	SO	2.700	J	2.7	6.4	ug/kg	0.027
0A07-047	Chrysene	SO	10.000	J	10	16	ug/kg	0.01
0A07-047	Dibenzo(a,h)anthracene	SO	0.000	U	31.5	63	ug/kg	31.5
0A07-047	Indeno(1,2,3-cd)pyrene	SO	0.000	U	8	16	ug/kg	0.8

'Samp_ID' = AUS-0A07-047-SS-05_3/22/01_(5-5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *41.657*

Samp_ID *AUS-0A07-053-SS-0X_3/22/01_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A07-053	Benzo(a)anthracene	SO	0.000	U	550	1100	ug/kg	55
0A07-053	Benzo(a)pyrene	SO	0.000	U	550	1100	ug/kg	550
0A07-053	Benzo(b)fluoranthene	SO	0.000	U	550	1100	ug/kg	55
0A07-053	Benzo(k)fluoranthene	SO	0.000	U	550	1100	ug/kg	5.5
0A07-053	Chrysene	SO	0.000	U	550	1100	ug/kg	0.55
0A07-053	Dibenzo(a,h)anthracene	SO	0.000	U	550	1100	ug/kg	550
0A07-053	Indeno(1,2,3-cd)pyrene	SO	0.000	U	550	1100	ug/kg	55

'Samp_ID' = AUS-0A07-053-SS-0X_3/22/01_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : **1271.05**

Samp_ID *AUS-0A07-057-SS-0X_3/22/01_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A07-057	Benzo(a)anthracene	SO	0.000	U	500	1000	ug/kg	50
0A07-057	Benzo(a)pyrene	SO	0.000	U	500	1000	ug/kg	500
0A07-057	Benzo(b)fluoranthene	SO	0.000	U	500	1000	ug/kg	50
0A07-057	Benzo(k)fluoranthene	SO	0.000	U	500	1000	ug/kg	5
0A07-057	Chrysene	SO	0.000	U	500	1000	ug/kg	0.5
0A07-057	Dibenzo(a,h)anthracene	SO	0.000	U	500	1000	ug/kg	500
0A07-057	Indeno(1,2,3-cd)pyrene	SO	0.000	U	500	1000	ug/kg	50

'Samp_ID' = AUS-0A07-057-SS-0X_3/22/01_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : 1155.5

Samp_ID *AUS-0A07-059-SS-0X_3/22/01_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A07-059	Benzo(a)anthracene	SO	0.000	U	600	1200	ug/kg	60
0A07-059	Benzo(a)pyrene	SO	0.000	U	600	1200	ug/kg	600
0A07-059	Benzo(b)fluoranthene	SO	0.000	U	600	1200	ug/kg	60
0A07-059	Benzo(k)fluoranthene	SO	0.000	U	600	1200	ug/kg	6
0A07-059	Chrysene	SO	0.000	U	600	1200	ug/kg	0.6
0A07-059	Dibenzo(a,h)anthracene	SO	0.000	U	600	1200	ug/kg	600
0A07-059	Indeno(1,2,3-cd)pyrene	SO	0.000	U	600	1200	ug/kg	60

'Samp_ID' = AUS-0A07-059-SS-0X_3/22/01_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : 1386.6

Samp_ID *AUS-0A07-060-SS-04_3/22/01_(4-4)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A07-060	Benzo(a)anthracene	SO	0.000	U	600	1200	ug/kg	60
0A07-060	Benzo(a)pyrene	SO	0.000	U	600	1200	ug/kg	600
0A07-060	Benzo(b)fluoranthene	SO	0.000	U	600	1200	ug/kg	60
0A07-060	Benzo(k)fluoranthene	SO	0.000	U	600	1200	ug/kg	6
0A07-060	Chrysene	SO	0.000	U	600	1200	ug/kg	0.6
0A07-060	Dibenzo(a,h)anthracene	SO	0.000	U	600	1200	ug/kg	600
0A07-060	Indeno(1,2,3-cd)pyrene	SO	0.000	U	600	1200	ug/kg	60

'Samp_ID' = AUS-0A07-060-SS-04_3/22/01_(4-4)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : 1386.6

Samp_ID *AUS-0A07-060-SS-0X_3/22/01_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A07-060	Benzo(a)anthracene	SO	0.000	U	550	1100	ug/kg	55
0A07-060	Benzo(a)pyrene	SO	0.000	U	550	1100	ug/kg	550
0A07-060	Benzo(b)fluoranthene	SO	0.000	U	550	1100	ug/kg	55
0A07-060	Benzo(k)fluoranthene	SO	0.000	U	550	1100	ug/kg	5.5
0A07-060	Chrysene	SO	0.000	U	550	1100	ug/kg	0.55
0A07-060	Dibenzo(a,h)anthracene	SO	0.000	U	550	1100	ug/kg	550
0A07-060	Indeno(1,2,3-cd)pyrene	SO	0.000	U	550	1100	ug/kg	55

'Samp_ID' = AUS-0A07-060-SS-0X_3/22/01_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : 1271.05

Samp_ID *AUS-0A07-071-SS-0X_3/22/01_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A07-071	Benzo(a)anthracene	SO	0.000	U	550	1100	ug/kg	55
0A07-071	Benzo(a)pyrene	SO	0.000	U	550	1100	ug/kg	550
0A07-071	Benzo(b)fluoranthene	SO	0.000	U	550	1100	ug/kg	55
0A07-071	Benzo(k)fluoranthene	SO	0.000	U	550	1100	ug/kg	5.5
0A07-071	Chrysene	SO	0.000	U	550	1100	ug/kg	0.55
0A07-071	Dibenzo(a,h)anthracene	SO	0.000	U	550	1100	ug/kg	550
0A07-071	Indeno(1,2,3-cd)pyrene	SO	0.000	U	550	1100	ug/kg	55

'Samp_ID' = AUS-0A07-071-SS-0X_3/22/01_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : **1271.05**

Samp_ID *AUS-0A07-073-SS-0X_3/22/01_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A07-073	Benzo(a)anthracene	SO	0.000	U	550	1100	ug/kg	55
0A07-073	Benzo(a)pyrene	SO	0.000	U	550	1100	ug/kg	550
0A07-073	Benzo(b)fluoranthene	SO	0.000	U	550	1100	ug/kg	55
0A07-073	Benzo(k)fluoranthene	SO	0.000	U	550	1100	ug/kg	5.5
0A07-073	Chrysene	SO	0.000	U	550	1100	ug/kg	0.55
0A07-073	Dibenzo(a,h)anthracene	SO	0.000	U	550	1100	ug/kg	550
0A07-073	Indeno(1,2,3-cd)pyrene	SO	0.000	U	550	1100	ug/kg	55

'Samp_ID' = AUS-0A07-073-SS-0X_3/22/01_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : **1271.05**

Samp_ID *AUS-0A07-076-SS-0X_3/22/01_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A07-076	Benzo(a)anthracene	SO	0.000	U	600	1200	ug/kg	60
0A07-076	Benzo(a)pyrene	SO	0.000	U	600	1200	ug/kg	600
0A07-076	Benzo(b)fluoranthene	SO	0.000	U	600	1200	ug/kg	60
0A07-076	Benzo(k)fluoranthene	SO	0.000	U	600	1200	ug/kg	6
0A07-076	Chrysene	SO	0.000	U	600	1200	ug/kg	0.6
0A07-076	Dibenzo(a,h)anthracene	SO	0.000	U	600	1200	ug/kg	600
0A07-076	Indeno(1,2,3-cd)pyrene	SO	0.000	U	600	1200	ug/kg	60

'Samp_ID' = AUS-0A07-076-SS-0X_3/22/01_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : **1386.6**

Samp_ID *AUS-0A07-088-SS-0X_3/22/01_(0-0.5)Grab_DUP*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A07-038	Benzo(a)anthracene	SO	0.000	U	650	1300	ug/kg	65
0A07-038	Benzo(a)pyrene	SO	0.000	U	650	1300	ug/kg	650
0A07-038	Benzo(b)fluoranthene	SO	0.000	U	650	1300	ug/kg	65
0A07-038	Benzo(k)fluoranthene	SO	0.000	U	650	1300	ug/kg	6.5
0A07-038	Chrysene	SO	0.000	U	650	1300	ug/kg	0.65
0A07-038	Dibenzo(a,h)anthracene	SO	0.000	U	650	1300	ug/kg	650
0A07-038	Indeno(1,2,3-cd)pyrene	SO	0.000	U	650	1300	ug/kg	65

'Samp_ID' = AUS-0A07-088-SS-0X_3/22/01_(0-0.5)Grab_DUP (7 detail records)

Toxic Equivalency Quotient (TEQ) : **1502.15**

Samp_ID AUS-0A07-103-SS-0X_3/22/01_(0-0.5)Grab_DUP

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A07-053	Benzo(a)anthracene	SO	0.000	U	550	1100	ug/kg	55
0A07-053	Benzo(a)pyrene	SO	0.000	U	550	1100	ug/kg	550
0A07-053	Benzo(b)fluoranthene	SO	0.000	U	550	1100	ug/kg	55
0A07-053	Benzo(k)fluoranthene	SO	0.000	U	550	1100	ug/kg	5.5
0A07-053	Chrysene	SO	0.000	U	550	1100	ug/kg	0.55
0A07-053	Dibenzo(a,h)anthracene	SO	0.000	U	550	1100	ug/kg	550
0A07-053	Indeno(1,2,3-cd)pyrene	SO	0.000	U	550	1100	ug/kg	55

'Samp_ID' = AUS-0A07-103-SS-0X_3/22/01_(0-0.5)Grab_DUP (7 detail records)

Toxic Equivalency Quotient (TEQ) : 1271.05

Samp_ID AUS-0A07-162-SS-0X_10/17/02_(0-0.5)Grab_NM

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A07-162	BENZO(A)ANTHRACENE	SO	0.000	U	200	400	ug/Kg	20
0A07-162	BENZO(A)PYRENE	SO	0.000	U	200	400	ug/Kg	200
0A07-162	BENZO(B)FLUORANTHE	SO	0.000	U	200	400	ug/Kg	20
0A07-162	BENZO(K)FLUORANTHE	SO	0.000	U	200	400	ug/Kg	2
0A07-162	CHRYSENE	SO	140.000	J	140	400	ug/Kg	0.14
0A07-162	Dibenzo(a,h)anthracene	SO	0.000	U	200	400	ug/Kg	200
0A07-162	Indeno(1,2,3-cd)pyrene	SO	0.000	U	200	400	ug/Kg	20

'Samp_ID' = AUS-0A07-162-SS-0X_10/17/02_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : 462.14

Samp_ID *AUS-0A07-504-SD-0X_5/11/00_(0-0.5)Grab_DUP*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A07-011	Benzo(a)anthracene	SO	0.000	U	0	460	ug/kg	0
0A07-011	Benzo(a)pyrene	SO	0.000	U	0	460	ug/kg	0
0A07-011	Benzo(b)fluoranthene	SO	0.000	U	0	460	ug/kg	0
0A07-011	Benzo(k)fluoranthene	SO	0.000	U	0	460	ug/kg	0
0A07-011	Chrysene	SO	0.000	U	0	460	ug/kg	0
0A07-011	Dibenzo(a,h)anthracene	SO	0.000	U	0	460	ug/kg	0
0A07-011	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	460	ug/kg	0

'Samp_ID' = AUS-0A07-504-SD-0X_5/11/00_(0-0.5)Grab_DUP (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-0A07-506-SS-0X_5/10/00_(0-0.5)Grab_DUP*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A07-018	Benzo(a)anthracene	SO	0.000	U	0	410	ug/kg	0
0A07-018	Benzo(a)pyrene	SO	0.000	U	0	410	ug/kg	0
0A07-018	Benzo(b)fluoranthene	SO	0.000	U	0	410	ug/kg	0
0A07-018	Benzo(k)fluoranthene	SO	0.000	U	0	410	ug/kg	0
0A07-018	Chrysene	SO	0.000	U	0	410	ug/kg	0
0A07-018	Dibenzo(a,h)anthracene	SO	0.000	U	0	410	ug/kg	0
0A07-018	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	410	ug/kg	0

'Samp_ID' = AUS-0A07-506-SS-0X_5/10/00_(0-0.5)Grab_DUP (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-0A07-509-SS-0X_5/10/00_(0-0.5)Grab_DUP*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A07-026	Benzo(a)anthracene	SO	0.000	U	0	420	ug/kg	0
0A07-026	Benzo(a)pyrene	SO	0.000	U	0	420	ug/kg	0
0A07-026	Benzo(b)fluoranthene	SO	0.000	U	0	420	ug/kg	0
0A07-026	Benzo(k)fluoranthene	SO	0.000	U	0	420	ug/kg	0
0A07-026	Chrysene	SO	0.000	U	0	420	ug/kg	0
0A07-026	Dibenzo(a,h)anthracene	SO	0.000	U	0	420	ug/kg	0
0A07-026	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	420	ug/kg	0

'Samp_ID' = AUS-0A07-509-SS-0X_5/10/00_(0-0.5)Grab_DUP (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-0A07-662-SS-0X_10/17/02_(0-0.5)Grab_DUP*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A07-162	BENZO(A)ANTHRACENE	SO	0.000	U	0	400	ug/Kg	0
0A07-162	BENZO(A)PYRENE	SO	0.000	U	0	400	ug/Kg	0
0A07-162	BENZO(B)FLUORANTHE	SO	0.000	U	0	400	ug/Kg	0
0A07-162	BENZO(K)FLUORANTHE	SO	0.000	U	0	400	ug/Kg	0
0A07-162	CHRYSENE	SO	0.000	U	0	400	ug/Kg	0
0A07-162	Dibenzo(a,h)anthracene	SO	0.000	U	0	400	ug/Kg	0
0A07-162	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	400	ug/Kg	0

'Samp_ID' = AUS-0A07-662-SS-0X_10/17/02_(0-0.5)Grab_DUP (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID AUS-0A09-001-SS-0X_4/3/00_(0-0.5)Grab_NM

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A09-001	Benzo(a)anthracene	SO	0.000	U	0	440	ug/kg	0
0A09-001	Benzo(a)pyrene	SO	0.000	U	0	440	ug/kg	0
0A09-001	Benzo(b)fluoranthene	SO	0.000	U	0	440	ug/kg	0
0A09-001	Benzo(k)fluoranthene	SO	0.000	U	0	440	ug/kg	0
0A09-001	Chrysene	SO	0.000	U	0	440	ug/kg	0
0A09-001	Dibenzo(a,h)anthracene	SO	0.000	U	0	440	ug/kg	0
0A09-001	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	440	ug/kg	0

'Samp_ID' = AUS-0A09-001-SS-0X_4/3/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID AUS-0A09-002-SS-0X_3/31/00_(0-0.5)Grab_NM

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A09-002	Benzo(a)anthracene	SO	0.000	U	0	400	ug/kg	0
0A09-002	Benzo(a)pyrene	SO	0.000	U	0	400	ug/kg	0
0A09-002	Benzo(b)fluoranthene	SO	0.000	U	0	400	ug/kg	0
0A09-002	Benzo(k)fluoranthene	SO	0.000	U	0	400	ug/kg	0
0A09-002	Chrysene	SO	0.000	U	0	400	ug/kg	0
0A09-002	Dibenzo(a,h)anthracene	SO	0.000	U	0	400	ug/kg	0
0A09-002	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	400	ug/kg	0

'Samp_ID' = AUS-0A09-002-SS-0X_3/31/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID AUS-0A09-005-SS-0X_3/30/00_(0-0.5)Grab_NM

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A09-005	Benzo(a)anthracene	SO	0.000	U	0	480	ug/kg	0
0A09-005	Benzo(a)pyrene	SO	0.000	U	0	480	ug/kg	0
0A09-005	Benzo(b)fluoranthene	SO	0.000	U	0	480	ug/kg	0
0A09-005	Benzo(k)fluoranthene	SO	0.000	U	0	480	ug/kg	0
0A09-005	Chrysene	SO	0.000	U	0	480	ug/kg	0
0A09-005	Dibenzo(a,h)anthracene	SO	0.000	U	0	480	ug/kg	0
0A09-005	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	480	ug/kg	0

'Samp_ID' = AUS-0A09-005-SS-0X_3/30/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID AUS-0A09-006-SD-0X_3/30/00_(0-0.5)Grab_NM

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A09-006	Benzo(a)anthracene	SO	0.000	U	0	490	ug/kg	0
0A09-006	Benzo(a)pyrene	SO	0.000	U	0	490	ug/kg	0
0A09-006	Benzo(b)fluoranthene	SO	0.000	U	0	490	ug/kg	0
0A09-006	Benzo(k)fluoranthene	SO	0.000	U	0	490	ug/kg	0
0A09-006	Chrysene	SO	0.000	U	0	490	ug/kg	0
0A09-006	Dibenzo(a,h)anthracene	SO	0.000	U	0	490	ug/kg	0
0A09-006	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	490	ug/kg	0

'Samp_ID' = AUS-0A09-006-SD-0X_3/30/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-0A09-007-SD-0X_3/31/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A09-007	Benzo(a)anthracene	SO	0.000	U	0	430	ug/kg	0
0A09-007	Benzo(a)pyrene	SO	0.000	U	0	430	ug/kg	0
0A09-007	Benzo(b)fluoranthene	SO	0.000	U	0	430	ug/kg	0
0A09-007	Benzo(k)fluoranthene	SO	0.000	U	0	430	ug/kg	0
0A09-007	Chrysene	SO	0.000	U	0	430	ug/kg	0
0A09-007	Dibenzo(a,h)anthracene	SO	0.000	U	0	430	ug/kg	0
0A09-007	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	430	ug/kg	0

'Samp_ID' = AUS-0A09-007-SD-0X_3/31/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-0A09-008-SS-0X_3/31/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A09-008	Benzo(a)anthracene	SO	0.000	U	0	440	ug/kg	0
0A09-008	Benzo(a)pyrene	SO	0.000	U	0	440	ug/kg	0
0A09-008	Benzo(b)fluoranthene	SO	0.000	U	0	440	ug/kg	0
0A09-008	Benzo(k)fluoranthene	SO	0.000	U	0	440	ug/kg	0
0A09-008	Chrysene	SO	0.000	U	0	440	ug/kg	0
0A09-008	Dibenzo(a,h)anthracene	SO	0.000	U	0	440	ug/kg	0
0A09-008	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	440	ug/kg	0

'Samp_ID' = AUS-0A09-008-SS-0X_3/31/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID AUS-0A09-009-SS-0X_3/31/00_(0-0.5)Grab_NM

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A09-009	Benzo(a)anthracene	SO	0.000	U	0	480	ug/kg	0
0A09-009	Benzo(a)pyrene	SO	0.000	U	0	480	ug/kg	0
0A09-009	Benzo(b)fluoranthene	SO	0.000	U	0	480	ug/kg	0
0A09-009	Benzo(k)fluoranthene	SO	0.000	U	0	480	ug/kg	0
0A09-009	Chrysene	SO	0.000	U	0	480	ug/kg	0
0A09-009	Dibenzo(a,h)anthracene	SO	0.000	U	0	480	ug/kg	0
0A09-009	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	480	ug/kg	0

'Samp_ID' = AUS-0A09-009-SS-0X_3/31/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID AUS-0A09-010-SS-0X_4/3/00_(0-0.5)Grab_NM

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A09-010	Benzo(a)anthracene	SO	0.000	U	0	440	ug/kg	0
0A09-010	Benzo(a)pyrene	SO	0.000	U	0	440	ug/kg	0
0A09-010	Benzo(b)fluoranthene	SO	0.000	U	0	440	ug/kg	0
0A09-010	Benzo(k)fluoranthene	SO	0.000	U	0	440	ug/kg	0
0A09-010	Chrysene	SO	0.000	U	0	440	ug/kg	0
0A09-010	Dibenzo(a,h)anthracene	SO	0.000	U	0	440	ug/kg	0
0A09-010	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	440	ug/kg	0

'Samp_ID' = AUS-0A09-010-SS-0X_4/3/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-0A09-018-SD-0X_5/4/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A09-018	Benzo(a)anthracene	SO	0.000	U	0	420	ug/kg	0
0A09-018	Benzo(a)pyrene	SO	0.000	U	0	420	ug/kg	0
0A09-018	Benzo(b)fluoranthene	SO	0.000	U	0	420	ug/kg	0
0A09-018	Benzo(k)fluoranthene	SO	0.000	U	0	420	ug/kg	0
0A09-018	Chrysene	SO	0.000	U	0	420	ug/kg	0
0A09-018	Dibenzo(a,h)anthracene	SO	0.000	U	0	420	ug/kg	0
0A09-018	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	420	ug/kg	0

'Samp_ID' = AUS-0A09-018-SD-0X_5/4/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-0A09-019-SD-0X_5/3/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A09-019	Benzo(a)anthracene	SO	0.000	U	0	420	ug/kg	0
0A09-019	Benzo(a)pyrene	SO	0.000	U	0	420	ug/kg	0
0A09-019	Benzo(b)fluoranthene	SO	0.000	U	0	420	ug/kg	0
0A09-019	Benzo(k)fluoranthene	SO	0.000	U	0	420	ug/kg	0
0A09-019	Chrysene	SO	0.000	U	0	420	ug/kg	0
0A09-019	Dibenzo(a,h)anthracene	SO	0.000	U	0	420	ug/kg	0
0A09-019	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	420	ug/kg	0

'Samp_ID' = AUS-0A09-019-SD-0X_5/3/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-0A09-020-SD-0X_5/4/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A09-020	Benzo(a)anthracene	SO	0.000	U	0	400	ug/kg	0
0A09-020	Benzo(a)pyrene	SO	0.000	U	0	400	ug/kg	0
0A09-020	Benzo(b)fluoranthene	SO	0.000	U	0	400	ug/kg	0
0A09-020	Benzo(k)fluoranthene	SO	0.000	U	0	400	ug/kg	0
0A09-020	Chrysene	SO	0.000	U	0	400	ug/kg	0
0A09-020	Dibenzo(a,h)anthracene	SO	0.000	U	0	400	ug/kg	0
0A09-020	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	400	ug/kg	0

'Samp_ID' = AUS-0A09-020-SD-0X_5/4/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-0A09-021-SD-0X_5/4/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A09-021	Benzo(a)anthracene	SE	290.000	J	290	410	ug/kg	29
0A09-021	Benzo(a)pyrene	SE	320.000	J	320	410	ug/kg	320
0A09-021	Benzo(b)fluoranthene	SE	330.000	J	330	410	ug/kg	33
0A09-021	Benzo(k)fluoranthene	SE	340.000	J	340	410	ug/kg	3.4
0A09-021	Chrysene	SE	430.000		430	410	ug/kg	0.43
0A09-021	Dibenzo(a,h)anthracene	SE	0.000	U	205	410	ug/kg	205
0A09-021	Indeno(1,2,3-cd)pyrene	SE	140.000	J	140	410	ug/kg	14

'Samp_ID' = AUS-0A09-021-SD-0X_5/4/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : **604.83**

Samp_ID *AUS-0A09-501-SS-0X_4/3/00_(0-0.5)Grab_DUP*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A09-001	Benzo(a)anthracene	SO	0.000	U	0	430	ug/kg	0
0A09-001	Benzo(a)pyrene	SO	0.000	U	0	430	ug/kg	0
0A09-001	Benzo(b)fluoranthene	SO	0.000	U	0	430	ug/kg	0
0A09-001	Benzo(k)fluoranthene	SO	0.000	U	0	430	ug/kg	0
0A09-001	Chrysene	SO	0.000	U	0	430	ug/kg	0
0A09-001	Dibenzo(a,h)anthracene	SO	0.000	U	0	430	ug/kg	0
0A09-001	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	430	ug/kg	0

'Samp_ID' = AUS-0A09-501-SS-0X_4/3/00_(0-0.5)Grab_DUP (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-0A09-W01-SS-0X_4/11/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A09-W01	Benzo(a)anthracene	SO	0.000	U	0	420	ug/kg	0
0A09-W01	Benzo(a)pyrene	SO	0.000	U	0	420	ug/kg	0
0A09-W01	Benzo(b)fluoranthene	SO	0.000	U	0	420	ug/kg	0
0A09-W01	Benzo(k)fluoranthene	SO	0.000	U	0	420	ug/kg	0
0A09-W01	Chrysene	SO	0.000	U	0	420	ug/kg	0
0A09-W01	Dibenzo(a,h)anthracene	SO	0.000	U	0	420	ug/kg	0
0A09-W01	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	420	ug/kg	0

'Samp_ID' = AUS-0A09-W01-SS-0X_4/11/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-0A09-W51-SS-0X_4/11/00_(0-0.5)Grab_DUP*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A09-W01	Benzo(a)anthracene	SO	0.000	U	0	420	ug/kg	0
0A09-W01	Benzo(a)pyrene	SO	0.000	U	0	420	ug/kg	0
0A09-W01	Benzo(b)fluoranthene	SO	0.000	U	0	420	ug/kg	0
0A09-W01	Benzo(k)fluoranthene	SO	0.000	U	0	420	ug/kg	0
0A09-W01	Chrysene	SO	0.000	U	0	420	ug/kg	0
0A09-W01	Dibenzo(a,h)anthracene	SO	0.000	U	0	420	ug/kg	0
0A09-W01	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	420	ug/kg	0

'Samp_ID' = AUS-0A09-W51-SS-0X_4/11/00_(0-0.5)Grab_DUP (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-0A10-001-SS-06_4/13/00_(6-6)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A10-001	Benzo(a)anthracene	SO	0.000	U	0	410	ug/kg	0
0A10-001	Benzo(a)pyrene	SO	0.000	U	0	410	ug/kg	0
0A10-001	Benzo(b)fluoranthene	SO	0.000	U	0	410	ug/kg	0
0A10-001	Benzo(k)fluoranthene	SO	0.000	U	0	410	ug/kg	0
0A10-001	Chrysene	SO	0.000	U	0	410	ug/kg	0
0A10-001	Dibenzo(a,h)anthracene	SO	0.000	U	0	410	ug/kg	0
0A10-001	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	410	ug/kg	0

'Samp_ID' = AUS-0A10-001-SS-06_4/13/00_(6-6)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-0A10-001-SS-0X_4/13/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A10-001	Benzo(a)anthracene	SO	0.000	U	0	420	ug/kg	0
0A10-001	Benzo(a)pyrene	SO	0.000	U	0	420	ug/kg	0
0A10-001	Benzo(b)fluoranthene	SO	0.000	U	0	420	ug/kg	0
0A10-001	Benzo(k)fluoranthene	SO	0.000	U	0	420	ug/kg	0
0A10-001	Chrysene	SO	0.000	U	0	420	ug/kg	0
0A10-001	Dibenzo(a,h)anthracene	SO	0.000	U	0	420	ug/kg	0
0A10-001	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	420	ug/kg	0

'Samp_ID' = AUS-0A10-001-SS-0X_4/13/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-0A10-002-SS-07_4/13/00_(7-7)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A10-002	Benzo(a)anthracene	SO	0.000	U	0	400	ug/kg	0
0A10-002	Benzo(a)pyrene	SO	0.000	U	0	400	ug/kg	0
0A10-002	Benzo(b)fluoranthene	SO	0.000	U	0	400	ug/kg	0
0A10-002	Benzo(k)fluoranthene	SO	0.000	U	0	400	ug/kg	0
0A10-002	Chrysene	SO	0.000	U	0	400	ug/kg	0
0A10-002	Dibenzo(a,h)anthracene	SO	0.000	U	0	400	ug/kg	0
0A10-002	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	400	ug/kg	0

'Samp_ID' = AUS-0A10-002-SS-07_4/13/00_(7-7)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-0A10-002-SS-0X_4/13/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A10-002	Benzo(a)anthracene	SO	0.000	U	0	410	ug/kg	0
0A10-002	Benzo(a)pyrene	SO	0.000	U	0	410	ug/kg	0
0A10-002	Benzo(b)fluoranthene	SO	0.000	U	0	410	ug/kg	0
0A10-002	Benzo(k)fluoranthene	SO	0.000	U	0	410	ug/kg	0
0A10-002	Chrysene	SO	0.000	U	0	410	ug/kg	0
0A10-002	Dibenzo(a,h)anthracene	SO	0.000	U	0	410	ug/kg	0
0A10-002	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	410	ug/kg	0

'Samp_ID' = AUS-0A10-002-SS-0X_4/13/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-0A10-003-SD-0X_4/14/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A10-003	Benzo(a)anthracene	SE	0.000	U	0	530	ug/kg	0
0A10-003	Benzo(a)pyrene	SE	0.000	U	0	530	ug/kg	0
0A10-003	Benzo(b)fluoranthene	SE	0.000	U	0	530	ug/kg	0
0A10-003	Benzo(k)fluoranthene	SE	0.000	U	0	530	ug/kg	0
0A10-003	Chrysene	SE	0.000	U	0	530	ug/kg	0
0A10-003	Dibenzo(a,h)anthracene	SE	0.000	U	0	530	ug/kg	0
0A10-003	Indeno(1,2,3-cd)pyrene	SE	0.000	U	0	530	ug/kg	0

'Samp_ID' = AUS-0A10-003-SD-0X_4/14/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-0A10-004-SD-0X_4/14/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A10-004	Benzo(a)anthracene	SE	0.000	U	0	470	ug/kg	0
0A10-004	Benzo(a)pyrene	SE	0.000	U	0	470	ug/kg	0
0A10-004	Benzo(b)fluoranthene	SE	0.000	U	0	470	ug/kg	0
0A10-004	Benzo(k)fluoranthene	SE	0.000	U	0	470	ug/kg	0
0A10-004	Chrysene	SE	0.000	U	0	470	ug/kg	0
0A10-004	Dibenzo(a,h)anthracene	SE	0.000	U	0	470	ug/kg	0
0A10-004	Indeno(1,2,3-cd)pyrene	SE	0.000	U	0	470	ug/kg	0

'Samp_ID' = AUS-0A10-004-SD-0X_4/14/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-0A10-501-SS-0X_4/13/00_(0-0.5)Grab_DUP*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A10-001	Benzo(a)anthracene	SO	0.000	U	0	410	ug/kg	0
0A10-001	Benzo(a)pyrene	SO	0.000	U	0	410	ug/kg	0
0A10-001	Benzo(b)fluoranthene	SO	0.000	U	0	410	ug/kg	0
0A10-001	Benzo(k)fluoranthene	SO	0.000	U	0	410	ug/kg	0
0A10-001	Chrysene	SO	0.000	U	0	410	ug/kg	0
0A10-001	Dibenzo(a,h)anthracene	SO	0.000	U	0	410	ug/kg	0
0A10-001	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	410	ug/kg	0

'Samp_ID' = AUS-0A10-501-SS-0X_4/13/00_(0-0.5)Grab_DUP (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-0A10-502-SS-0X_4/14/00_(0-0.5)Grab_DUP*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A10-003	Benzo(a)anthracene	SE	0.000	U	0	550	ug/kg	0
0A10-003	Benzo(a)pyrene	SE	0.000	U	0	550	ug/kg	0
0A10-003	Benzo(b)fluoranthene	SE	0.000	U	0	550	ug/kg	0
0A10-003	Benzo(k)fluoranthene	SE	0.000	U	0	550	ug/kg	0
0A10-003	Chrysene	SE	0.000	U	0	550	ug/kg	0
0A10-003	Dibenzo(a,h)anthracene	SE	0.000	U	0	550	ug/kg	0
0A10-003	Indeno(1,2,3-cd)pyrene	SE	0.000	U	0	550	ug/kg	0

'Samp_ID' = AUS-0A10-502-SS-0X_4/14/00_(0-0.5)Grab_DUP (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-0A12-001-SD-0X_4/17/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A12-001	Benzo(a)anthracene	SE	120.000	J	120	540	ug/kg	12
0A12-001	Benzo(a)pyrene	SE	130.000	J	130	540	ug/kg	130
0A12-001	Benzo(b)fluoranthene	SE	200.000	J	200	540	ug/kg	20
0A12-001	Benzo(k)fluoranthene	SE	79.000	J	79	540	ug/kg	0.79
0A12-001	Chrysene	SE	140.000	J	140	540	ug/kg	0.14
0A12-001	Dibenzo(a,h)anthracene	SE	0.000	U	270	540	ug/kg	270
0A12-001	Indeno(1,2,3-cd)pyrene	SE	0.000	U	270	540	ug/kg	27

'Samp_ID' = AUS-0A12-001-SD-0X_4/17/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : **459.93**

Samp_ID *AUS-0A12-002-SS-0X_4/17/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A12-002	Benzo(a)anthracene	SO	180.000	J	180	450	ug/kg	18
0A12-002	Benzo(a)pyrene	SO	210.000	J	210	450	ug/kg	210
0A12-002	Benzo(b)fluoranthene	SO	320.000	J	320	450	ug/kg	32
0A12-002	Benzo(k)fluoranthene	SO	120.000	J	120	450	ug/kg	1.2
0A12-002	Chrysene	SO	200.000	J	200	450	ug/kg	0.2
0A12-002	Dibenzo(a,h)anthracene	SO	0.000	U	225	450	ug/kg	225
0A12-002	Indeno(1,2,3-cd)pyrene	SO	0.000	U	225	450	ug/kg	22.5

'Samp_ID' = AUS-0A12-002-SS-0X_4/17/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : **508.9**

Samp_ID *AUS-0A12-003-SD-0X_4/17/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A12-003	Benzo(a)anthracene	SE	0.000	U	0	430	ug/kg	0
0A12-003	Benzo(a)pyrene	SE	0.000	U	0	430	ug/kg	0
0A12-003	Benzo(b)fluoranthene	SE	0.000	U	0	430	ug/kg	0
0A12-003	Benzo(k)fluoranthene	SE	0.000	U	0	430	ug/kg	0
0A12-003	Chrysene	SE	0.000	U	0	430	ug/kg	0
0A12-003	Dibenzo(a,h)anthracene	SE	0.000	U	0	430	ug/kg	0
0A12-003	Indeno(1,2,3-cd)pyrene	SE	0.000	U	0	430	ug/kg	0

'Samp_ID' = AUS-0A12-003-SD-0X_4/17/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-0A12-004-SS-0X_4/17/00_(0-0.5)Grab_NM*

LOC_ID	*Analyte*	*Matrix*	*Result*	*Lab Flag*	*ResUse*	*RDL*	*Units*	*Toxic Equivalent*
0A12-004	Benzo(a)anthracene	SO	0.000	U	0	410	ug/kg	0
0A12-004	Benzo(a)pyrene	SO	0.000	U	0	410	ug/kg	0
0A12-004	Benzo(b)fluoranthene	SO	0.000	U	0	410	ug/kg	0
0A12-004	Benzo(k)fluoranthene	SO	0.000	U	0	410	ug/kg	0
0A12-004	Chrysene	SO	0.000	U	0	410	ug/kg	0
0A12-004	Dibenzo(a,h)anthracene	SO	0.000	U	0	410	ug/kg	0
0A12-004	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	410	ug/kg	0

'Samp_ID' = AUS-0A12-004-SS-0X_4/17/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-0A12-005-SD-0X_4/17/00_(0-0.5)Grab_NM*

LOC_ID	*Analyte*	*Matrix*	*Result*	*Lab Flag*	*ResUse*	*RDL*	*Units*	*Toxic Equivalent*
0A12-005	Benzo(a)anthracene	SE	0.000	U	310	620	ug/kg	31
0A12-005	Benzo(a)pyrene	SE	0.000	U	310	620	ug/kg	310
0A12-005	Benzo(b)fluoranthene	SE	0.000	U	310	620	ug/kg	31
0A12-005	Benzo(k)fluoranthene	SE	0.000	U	310	620	ug/kg	3.1
0A12-005	Chrysene	SE	0.000	U	310	620	ug/kg	0.31
0A12-005	Dibenzo(a,h)anthracene	SE	0.000	U	310	620	ug/kg	310
0A12-005	Indeno(1,2,3-cd)pyrene	SE	0.000	U	310	620	ug/kg	31

'Samp_ID' = AUS-0A12-005-SD-0X_4/17/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : **716.41**

Samp_ID *AUS-0A12-007-SD-0X_4/17/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A12-007	Benzo(a)anthracene	SE	90.000		90	34	ug/kg	9
0A12-007	Benzo(a)pyrene	SE	78.000		78	34	ug/kg	78
0A12-007	Benzo(b)fluoranthene	SE	110.000		110	45	ug/kg	11
0A12-007	Benzo(k)fluoranthene	SE	27.000		27	8.5	ug/kg	0.27
0A12-007	Chrysene	SE	290.000		290	34	ug/kg	0.29
0A12-007	Dibenzo(a,h)anthracene	SE	0.000	U	7	14	ug/kg	7
0A12-007	Indeno(1,2,3-cd)pyrene	SE	11.000		11	8.5	ug/kg	1.1

'Samp_ID' = AUS-0A12-007-SD-0X_4/17/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *106.66*

Samp_ID *AUS-0A12-008-SS-03_4/5/00_(3-3)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A12-008	Benzo(a)anthracene	SO	0.000	U	0	420	ug/kg	0
0A12-008	Benzo(a)pyrene	SO	0.000	U	0	420	ug/kg	0
0A12-008	Benzo(b)fluoranthene	SO	0.000	U	0	420	ug/kg	0
0A12-008	Benzo(k)fluoranthene	SO	0.000	U	0	420	ug/kg	0
0A12-008	Chrysene	SO	0.000	U	0	420	ug/kg	0
0A12-008	Dibenzo(a,h)anthracene	SO	0.000	U	0	420	ug/kg	0
0A12-008	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	420	ug/kg	0

'Samp_ID' = AUS-0A12-008-SS-03_4/5/00_(3-3)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-0A12-008-SS-05_4/5/00_(5-5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A12-008	Benzo(a)anthracene	SO	0.000	U	215	430	ug/kg	21.5
0A12-008	Benzo(a)pyrene	SO	0.000	U	215	430	ug/kg	215
0A12-008	Benzo(b)fluoranthene	SO	48.000	J	48	430	ug/kg	4.8
0A12-008	Benzo(k)fluoranthene	SO	0.000	U	215	430	ug/kg	2.15
0A12-008	Chrysene	SO	0.000	U	215	430	ug/kg	0.215
0A12-008	Dibenzo(a,h)anthracene	SO	0.000	U	215	430	ug/kg	215
0A12-008	Indeno(1,2,3-cd)pyrene	SO	0.000	U	215	430	ug/kg	21.5

'Samp_ID' = AUS-0A12-008-SS-05_4/5/00_(5-5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : 480.165

Samp_ID *AUS-0A12-008-SS-0X_4/5/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A12-008	Benzo(a)anthracene	SO	290.000	J	290	430	ug/kg	29
0A12-008	Benzo(a)pyrene	SO	370.000	J	370	430	ug/kg	370
0A12-008	Benzo(b)fluoranthene	SO	330.000	J	330	430	ug/kg	33
0A12-008	Benzo(k)fluoranthene	SO	400.000	J	400	430	ug/kg	4
0A12-008	Chrysene	SO	440.000		440	430	ug/kg	0.44
0A12-008	Dibenzo(a,h)anthracene	SO	84.000	J	84	430	ug/kg	84
0A12-008	Indeno(1,2,3-cd)pyrene	SO	260.000	J	260	430	ug/kg	26

'Samp_ID' = AUS-0A12-008-SS-0X_4/5/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : 546.44

Samp_ID *AUS-0A12-009-SD-0X_4/17/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A12-009	Benzo(a)anthracene	SE	110.000		110	35	ug/kg	11
0A12-009	Benzo(a)pyrene	SE	140.000		140	35	ug/kg	140
0A12-009	Benzo(b)fluoranthene	SE	200.000		200	47	ug/kg	20
0A12-009	Benzo(k)fluoranthene	SE	72.000		72	35	ug/kg	0.72
0A12-009	Chrysene	SE	340.000		340	35	ug/kg	0.34
0A12-009	Dibenzo(a,h)anthracene	SE	16.000		16	15	ug/kg	16
0A12-009	Indeno(1,2,3-cd)pyrene	SE	61.000		61	35	ug/kg	6.1

'Samp_ID' = AUS-0A12-009-SD-0X_4/17/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *194.16*

Samp_ID *AUS-0A12-010-SS-03_4/4/00_(3-3)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A12-010	Benzo(a)anthracene	SO	0.000	U	0	6.2	ug/kg	0
0A12-010	Benzo(a)pyrene	SO	0.000	U	0	6.2	ug/kg	0
0A12-010	Benzo(b)fluoranthene	SO	0.000	U	0	8.4	ug/kg	0
0A12-010	Benzo(k)fluoranthene	SO	0.000	U	0	6.2	ug/kg	0
0A12-010	Chrysene	SO	0.000	U	0	6.2	ug/kg	0
0A12-010	Dibenzo(a,h)anthracene	SO	0.000	U	0	10	ug/kg	0
0A12-010	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	6.2	ug/kg	0

'Samp_ID' = AUS-0A12-010-SS-03_4/4/00_(3-3)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID AUS-0A12-010-SS-0X_4/4/00_(0-0.5)Grab_NM

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A12-010	Benzo(a)anthracene	SO	9.000		9	6.5	ug/kg	0.9
0A12-010	Benzo(a)pyrene	SO	15.000		15	6.5	ug/kg	15
0A12-010	Benzo(b)fluoranthene	SO	28.000		28	8.7	ug/kg	2.8
0A12-010	Benzo(k)fluoranthene	SO	12.000		12	6.5	ug/kg	0.12
0A12-010	Chrysene	SO	21.000		21	6.5	ug/kg	0.021
0A12-010	Dibenzo(a,h)anthracene	SO	0.000	U	5.5	11	ug/kg	5.5
0A12-010	Indeno(1,2,3-cd)pyrene	SO	10.000		10	6.5	ug/kg	1

'Samp_ID' = AUS-0A12-010-SS-0X_4/4/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *25.341*

Samp_ID AUS-0A12-011-SS-03_4/17/00_(3-3)Grab_NM

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A12-011	Benzo(a)anthracene	SO	0.000	U	210	420	ug/kg	21
0A12-011	Benzo(a)pyrene	SO	310.000	J	310	830	ug/kg	310
0A12-011	Benzo(b)fluoranthene	SO	180.000	J	180	830	ug/kg	18
0A12-011	Benzo(k)fluoranthene	SO	0.000	U	210	420	ug/kg	2.1
0A12-011	Chrysene	SO	66.000	J	66	420	ug/kg	0.066
0A12-011	Dibenzo(a,h)anthracene	SO	0.000	U	210	420	ug/kg	210
0A12-011	Indeno(1,2,3-cd)pyrene	SO	480.000		480	420	ug/kg	48

'Samp_ID' = AUS-0A12-011-SS-03_4/17/00_(3-3)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : **609.166**

Samp_ID *AUS-0A12-012-SD-0X_4/18/00_(0-0.5)Grab_NM*

LOC_ID	*Analyte*	*Matrix*	*Result*	*Lab Flag*	*ResUse*	*RDL*	*Units*	*Toxic Equivalent*
0A12-012	Benzo(a)anthracene	SE	11.000		11	8.2	ug/kg	1.1
0A12-012	Benzo(a)pyrene	SE	12.000		12	8.2	ug/kg	12
0A12-012	Benzo(b)fluoranthene	SE	18.000		18	11	ug/kg	1.8
0A12-012	Benzo(k)fluoranthene	SE	0.000	U	4.1	8.2	ug/kg	0.041
0A12-012	Chrysene	SE	24.000		24	8.2	ug/kg	0.024
0A12-012	Dibenzo(a,h)anthracene	SE	0.000	U	7	14	ug/kg	7
0A12-012	Indeno(1,2,3-cd)pyrene	SE	0.000	U	4.1	8.2	ug/kg	0.41

'Samp_ID' = AUS-0A12-012-SD-0X_4/18/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *22.375*

Samp_ID *AUS-0A12-013-SS-03_4/5/00_(3-3)Grab_NM*

LOC_ID	*Analyte*	*Matrix*	*Result*	*Lab Flag*	*ResUse*	*RDL*	*Units*	*Toxic Equivalent*
0A12-013	Benzo(a)anthracene	SO	0.000	U	0	420	ug/kg	0
0A12-013	Benzo(a)pyrene	SO	0.000	U	0	420	ug/kg	0
0A12-013	Benzo(b)fluoranthene	SO	0.000	U	0	420	ug/kg	0
0A12-013	Benzo(k)fluoranthene	SO	0.000	U	0	420	ug/kg	0
0A12-013	Chrysene	SO	0.000	U	0	420	ug/kg	0
0A12-013	Dibenzo(a,h)anthracene	SO	0.000	U	0	420	ug/kg	0
0A12-013	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	420	ug/kg	0

'Samp_ID' = AUS-0A12-013-SS-03_4/5/00_(3-3)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-0A12-013-SS-05_4/5/00_(5-5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A12-013	Benzo(a)anthracene	SO	0.000	U	0	420	ug/kg	0
0A12-013	Benzo(a)pyrene	SO	0.000	U	0	420	ug/kg	0
0A12-013	Benzo(b)fluoranthene	SO	0.000	U	0	420	ug/kg	0
0A12-013	Benzo(k)fluoranthene	SO	0.000	U	0	420	ug/kg	0
0A12-013	Chrysene	SO	0.000	U	0	420	ug/kg	0
0A12-013	Dibenzo(a,h)anthracene	SO	0.000	U	0	420	ug/kg	0
0A12-013	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	420	ug/kg	0

'Samp_ID' = AUS-0A12-013-SS-05_4/5/00_(5-5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-0A12-013-SS-0X_4/5/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A12-013	Benzo(a)anthracene	SO	72.000	J	72	420	ug/kg	7.2
0A12-013	Benzo(a)pyrene	SO	0.000	U	210	420	ug/kg	210
0A12-013	Benzo(b)fluoranthene	SO	0.000	U	210	420	ug/kg	21
0A12-013	Benzo(k)fluoranthene	SO	0.000	U	210	420	ug/kg	2.1
0A12-013	Chrysene	SO	86.000	J	86	420	ug/kg	0.086
0A12-013	Dibenzo(a,h)anthracene	SO	0.000	U	210	420	ug/kg	210
0A12-013	Indeno(1,2,3-cd)pyrene	SO	0.000	U	210	420	ug/kg	21

'Samp_ID' = AUS-0A12-013-SS-0X_4/5/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : **471.386**

Samp_ID AUS-0A12-015-SS-05_4/10/00_(5-5)Grab_NM

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A12-015	Benzo(a)anthracene	SO	0.000	U	0	6.5	ug/kg	0
0A12-015	Benzo(a)pyrene	SO	0.000	U	0	6.5	ug/kg	0
0A12-015	Benzo(b)fluoranthene	SO	0.000	U	0	8.7	ug/kg	0
0A12-015	Benzo(k)fluoranthene	SO	0.000	U	0	6.5	ug/kg	0
0A12-015	Chrysene	SO	0.000	U	0	6.5	ug/kg	0
0A12-015	Dibenzo(a,h)anthracene	SO	0.000	U	0	11	ug/kg	0
0A12-015	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	6.5	ug/kg	0

'Samp_ID' = AUS-0A12-015-SS-05_4/10/00_(5-5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID AUS-0A12-015-SS-0X_4/10/00_(0-0.5)Grab_NM

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A12-015	Benzo(a)anthracene	SO	0.000	U	0	6.2	ug/kg	0
0A12-015	Benzo(a)pyrene	SO	0.000	U	0	6.2	ug/kg	0
0A12-015	Benzo(b)fluoranthene	SO	0.000	U	0	8.4	ug/kg	0
0A12-015	Benzo(k)fluoranthene	SO	0.000	U	0	6.2	ug/kg	0
0A12-015	Chrysene	SO	0.000	U	0	6.2	ug/kg	0
0A12-015	Dibenzo(a,h)anthracene	SO	0.000	U	0	10	ug/kg	0
0A12-015	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	6.2	ug/kg	0

'Samp_ID' = AUS-0A12-015-SS-0X_4/10/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-0A12-015-SS-11_4/10/00_(11-11)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A12-015	Benzo(a)anthracene	SO	0.000	U	0	6.3	ug/kg	0
0A12-015	Benzo(a)pyrene	SO	0.000	U	0	6.3	ug/kg	0
0A12-015	Benzo(b)fluoranthene	SO	0.000	U	0	8.5	ug/kg	0
0A12-015	Benzo(k)fluoranthene	SO	0.000	U	0	6.3	ug/kg	0
0A12-015	Chrysene	SO	0.000	U	0	6.3	ug/kg	0
0A12-015	Dibenzo(a,h)anthracene	SO	0.000	U	0	11	ug/kg	0
0A12-015	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	6.3	ug/kg	0

'Samp_ID' = AUS-0A12-015-SS-11_4/10/00_(11-11)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-0A12-016-SD-0X_4/18/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A12-016	Benzo(a)anthracene	SE	0.000	U	0	570	ug/kg	0
0A12-016	Benzo(a)pyrene	SE	0.000	U	0	570	ug/kg	0
0A12-016	Benzo(b)fluoranthene	SE	0.000	U	0	570	ug/kg	0
0A12-016	Benzo(k)fluoranthene	SE	0.000	U	0	570	ug/kg	0
0A12-016	Chrysene	SE	0.000	U	0	570	ug/kg	0
0A12-016	Dibenzo(a,h)anthracene	SE	0.000	U	0	570	ug/kg	0
0A12-016	Indeno(1,2,3-cd)pyrene	SE	0.000	U	0	570	ug/kg	0

'Samp_ID' = AUS-0A12-016-SD-0X_4/18/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-0A12-018-SS-05_4/10/00_(5-5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A12-018	Benzo(a)anthracene	SO	0.000	U	0	6.2	ug/kg	0
0A12-018	Benzo(a)pyrene	SO	0.000	U	0	6.2	ug/kg	0
0A12-018	Benzo(b)fluoranthene	SO	0.000	U	0	8.3	ug/kg	0
0A12-018	Benzo(k)fluoranthene	SO	0.000	U	0	6.2	ug/kg	0
0A12-018	Chrysene	SO	0.000	U	0	6.2	ug/kg	0
0A12-018	Dibenzo(a,h)anthracene	SO	0.000	U	0	10	ug/kg	0
0A12-018	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	6.2	ug/kg	0

'Samp_ID' = AUS-0A12-018-SS-05_4/10/00_(5-5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-0A12-018-SS-08_4/10/00_(8-8)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A12-018	Benzo(a)anthracene	SO	0.000	U	0	6.1	ug/kg	0
0A12-018	Benzo(a)pyrene	SO	0.000	U	0	6.1	ug/kg	0
0A12-018	Benzo(b)fluoranthene	SO	0.000	U	0	8.2	ug/kg	0
0A12-018	Benzo(k)fluoranthene	SO	0.000	U	0	6.1	ug/kg	0
0A12-018	Chrysene	SO	0.000	U	0	6.1	ug/kg	0
0A12-018	Dibenzo(a,h)anthracene	SO	0.000	U	0	10	ug/kg	0
0A12-018	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	6.1	ug/kg	0

'Samp_ID' = AUS-0A12-018-SS-08_4/10/00_(8-8)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-0A12-018-SS-0X_4/10/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A12-018	Benzo(a)anthracene	SO	32.000		32	6.4	ug/kg	3.2
0A12-018	Benzo(a)pyrene	SO	29.000		29	6.4	ug/kg	29
0A12-018	Benzo(b)fluoranthene	SO	54.000		54	34	ug/kg	5.4
0A12-018	Benzo(k)fluoranthene	SO	25.000		25	6.4	ug/kg	0.25
0A12-018	Chrysene	SO	59.000		59	26	ug/kg	0.059
0A12-018	Dibenzo(a,h)anthracene	SO	0.000	U	5.5	11	ug/kg	5.5
0A12-018	Indeno(1,2,3-cd)pyrene	SO	24.000		24	6.4	ug/kg	2.4

'Samp_ID' = AUS-0A12-018-SS-0X_4/10/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *45.809*

Samp_ID *AUS-0A12-022-SS-0X_4/18/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A12-022	Benzo(a)anthracene	SO	0.000	U	3.4	6.8	ug/kg	0.34
0A12-022	Benzo(a)pyrene	SO	23.000		23	6.8	ug/kg	23
0A12-022	Benzo(b)fluoranthene	SO	25.000		25	9.1	ug/kg	2.5
0A12-022	Benzo(k)fluoranthene	SO	0.000	U	3.4	6.8	ug/kg	0.034
0A12-022	Chrysene	SO	27.000		27	6.8	ug/kg	0.027
0A12-022	Dibenzo(a,h)anthracene	SO	0.000	U	5.5	11	ug/kg	5.5
0A12-022	Indeno(1,2,3-cd)pyrene	SO	12.000		12	6.8	ug/kg	1.2

'Samp_ID' = AUS-0A12-022-SS-0X_4/18/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *32.601*

Samp_ID *AUS-0A12-023-DRUM_4/18/00_(0-0)Grab_NM*

LOC_ID	***Analyte***	***Matrix***	***Result***	***Lab Flag***	***ResUse***	***RDL***	***Units***	***Toxic Equivalent***
0A12-023	Benzo(a)anthracene	DR	0.000	U	0	430	ug/kg	0
0A12-023	Benzo(a)pyrene	DR	0.000	U	0	430	ug/kg	0
0A12-023	Benzo(b)fluoranthene	DR	0.000	U	0	430	ug/kg	0
0A12-023	Benzo(k)fluoranthene	DR	0.000	U	0	430	ug/kg	0
0A12-023	Chrysene	DR	0.000	U	0	430	ug/kg	0
0A12-023	Dibenzo(a,h)anthracene	DR	0.000	U	0	430	ug/kg	0
0A12-023	Indeno(1,2,3-cd)pyrene	DR	0.000	U	0	430	ug/kg	0

'Samp_ID' = AUS-0A12-023-DRUM_4/18/00_(0-0)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-0A12-023-SS-0X_4/18/00_(0-0.5)Grab_NM*

LOC_ID	***Analyte***	***Matrix***	***Result***	***Lab Flag***	***ResUse***	***RDL***	***Units***	***Toxic Equivalent***
0A12-023	Benzo(a)anthracene	SO	0.000	U	0	430	ug/kg	0
0A12-023	Benzo(a)pyrene	SO	0.000	U	0	430	ug/kg	0
0A12-023	Benzo(b)fluoranthene	SO	0.000	U	0	430	ug/kg	0
0A12-023	Benzo(k)fluoranthene	SO	0.000	U	0	430	ug/kg	0
0A12-023	Chrysene	SO	0.000	U	0	430	ug/kg	0
0A12-023	Dibenzo(a,h)anthracene	SO	0.000	U	0	430	ug/kg	0
0A12-023	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	430	ug/kg	0

'Samp_ID' = AUS-0A12-023-SS-0X_4/18/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-0A12-024-SD-0X_4/20/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A12-024	Benzo(a)anthracene	SE	0.000	U	0	530	ug/kg	0
0A12-024	Benzo(a)pyrene	SE	0.000	U	0	530	ug/kg	0
0A12-024	Benzo(b)fluoranthene	SE	0.000	U	0	530	ug/kg	0
0A12-024	Benzo(k)fluoranthene	SE	0.000	U	0	530	ug/kg	0
0A12-024	Chrysene	SE	0.000	U	0	530	ug/kg	0
0A12-024	Dibenzo(a,h)anthracene	SE	0.000	U	0	530	ug/kg	0
0A12-024	Indeno(1,2,3-cd)pyrene	SE	0.000	U	0	530	ug/kg	0

'Samp_ID' = AUS-0A12-024-SD-0X_4/20/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-0A12-025-SD-0X_4/19/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A12-025	Benzo(a)anthracene	SE	0.000	U	0	7.2	ug/kg	0
0A12-025	Benzo(a)pyrene	SE	0.000	U	0	7.2	ug/kg	0
0A12-025	Benzo(b)fluoranthene	SE	0.000	U	0	9.7	ug/kg	0
0A12-025	Benzo(k)fluoranthene	SE	0.000	U	0	7.2	ug/kg	0
0A12-025	Chrysene	SE	0.000	U	0	7.2	ug/kg	0
0A12-025	Dibenzo(a,h)anthracene	SE	0.000	U	0	12	ug/kg	0
0A12-025	Indeno(1,2,3-cd)pyrene	SE	0.000	U	0	7.2	ug/kg	0

'Samp_ID' = AUS-0A12-025-SD-0X_4/19/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID AUS-0A12-026-SD-0X_4/19/00_(0-0.5)Grab_NM

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A12-026	Benzo(a)anthracene	SO	120.000	J	120	420	ug/kg	12
0A12-026	Benzo(a)pyrene	SO	99.000	J	99	420	ug/kg	99
0A12-026	Benzo(b)fluoranthene	SO	91.000	J	91	420	ug/kg	9.1
0A12-026	Benzo(k)fluoranthene	SO	89.000	J	89	420	ug/kg	0.89
0A12-026	Chrysene	SO	150.000	J	150	420	ug/kg	0.15
0A12-026	Dibenzo(a,h)anthracene	SO	0.000	U	210	420	ug/kg	210
0A12-026	Indeno(1,2,3-cd)pyrene	SO	0.000	U	210	420	ug/kg	21

'Samp_ID' = AUS-0A12-026-SD-0X_4/19/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : 352.14

Samp_ID AUS-0A12-027-SS-0X_4/19/00_(0-0.5)Grab_NM

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A12-027	Benzo(a)anthracene	SO	0.000	U	0	420	ug/kg	0
0A12-027	Benzo(a)pyrene	SO	0.000	U	0	420	ug/kg	0
0A12-027	Benzo(b)fluoranthene	SO	0.000	U	0	420	ug/kg	0
0A12-027	Benzo(k)fluoranthene	SO	0.000	U	0	420	ug/kg	0
0A12-027	Chrysene	SO	0.000	U	0	420	ug/kg	0
0A12-027	Dibenzo(a,h)anthracene	SO	0.000	U	0	420	ug/kg	0
0A12-027	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	420	ug/kg	0

'Samp_ID' = AUS-0A12-027-SS-0X_4/19/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-0A12-028-SS-0X_4/19/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A12-028	Benzo(a)anthracene	SO	90.000	J	90	460	ug/kg	9
0A12-028	Benzo(a)pyrene	SO	0.000	U	230	460	ug/kg	230
0A12-028	Benzo(b)fluoranthene	SO	0.000	U	230	460	ug/kg	23
0A12-028	Benzo(k)fluoranthene	SO	0.000	U	230	460	ug/kg	2.3
0A12-028	Chrysene	SO	95.000	J	95	460	ug/kg	0.095
0A12-028	Dibenzo(a,h)anthracene	SO	0.000	U	230	460	ug/kg	230
0A12-028	Indeno(1,2,3-cd)pyrene	SO	0.000	U	230	460	ug/kg	23

'Samp_ID' = AUS-0A12-028-SS-0X_4/19/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : 517.395

Samp_ID *AUS-0A12-029-SS-05_4/3/00_(5-5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A12-029	Benzo(a)anthracene	SO	0.000	U	0	410	ug/kg	0
0A12-029	Benzo(a)pyrene	SO	0.000	U	0	410	ug/kg	0
0A12-029	Benzo(b)fluoranthene	SO	0.000	U	0	410	ug/kg	0
0A12-029	Benzo(k)fluoranthene	SO	0.000	U	0	410	ug/kg	0
0A12-029	Chrysene	SO	0.000	U	0	410	ug/kg	0
0A12-029	Dibenzo(a,h)anthracene	SO	0.000	U	0	410	ug/kg	0
0A12-029	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	410	ug/kg	0

'Samp_ID' = AUS-0A12-029-SS-05_4/3/00_(5-5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-0A12-029-SS-0X_4/3/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A12-029	Benzo(a)anthracene	SO	320.000	J	320	420	ug/kg	32
0A12-029	Benzo(a)pyrene	SO	230.000	J	230	420	ug/kg	230
0A12-029	Benzo(b)fluoranthene	SO	200.000	J	200	420	ug/kg	20
0A12-029	Benzo(k)fluoranthene	SO	250.000	J	250	420	ug/kg	2.5
0A12-029	Chrysene	SO	330.000	J	330	420	ug/kg	0.33
0A12-029	Dibenzo(a,h)anthracene	SO	0.000	U	210	420	ug/kg	210
0A12-029	Indeno(1,2,3-cd)pyrene	SO	94.000	J	94	420	ug/kg	9.4

'Samp_ID' = AUS-0A12-029-SS-0X_4/3/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : **504.23**

Samp_ID *AUS-0A12-029-SS-12_4/3/00_(12-12)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A12-029	Benzo(a)anthracene	SO	0.000	U	0	410	ug/kg	0
0A12-029	Benzo(a)pyrene	SO	0.000	U	0	410	ug/kg	0
0A12-029	Benzo(b)fluoranthene	SO	0.000	U	0	410	ug/kg	0
0A12-029	Benzo(k)fluoranthene	SO	0.000	U	0	410	ug/kg	0
0A12-029	Chrysene	SO	0.000	U	0	410	ug/kg	0
0A12-029	Dibenzo(a,h)anthracene	SO	0.000	U	0	410	ug/kg	0
0A12-029	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	410	ug/kg	0

'Samp_ID' = AUS-0A12-029-SS-12_4/3/00_(12-12)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-0A12-030-SD-0X_4/20/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A12-030	Benzo(a)anthracene	SE	0.000	U	500	1000	ug/kg	50
0A12-030	Benzo(a)pyrene	SE	0.000	U	500	1000	ug/kg	500
0A12-030	Benzo(b)fluoranthene	SE	0.000	U	500	1000	ug/kg	50
0A12-030	Benzo(k)fluoranthene	SE	0.000	U	500	1000	ug/kg	5
0A12-030	Chrysene	SE	0.000	U	500	1000	ug/kg	0.5
0A12-030	Dibenzo(a,h)anthracene	SE	0.000	U	500	1000	ug/kg	500
0A12-030	Indeno(1,2,3-cd)pyrene	SE	0.000	U	500	1000	ug/kg	50

'Samp_ID' = AUS-0A12-030-SD-0X_4/20/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : **1155.5**

Samp_ID *AUS-0A12-031-SS-0X_4/19/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A12-031	Benzo(a)anthracene	SO	0.000	U	205	410	ug/kg	20.5
0A12-031	Benzo(a)pyrene	SO	0.000	U	205	410	ug/kg	205
0A12-031	Benzo(b)fluoranthene	SO	0.000	U	205	410	ug/kg	20.5
0A12-031	Benzo(k)fluoranthene	SO	0.000	U	205	410	ug/kg	2.05
0A12-031	Chrysene	SO	41.000	J	41	410	ug/kg	0.041
0A12-031	Dibenzo(a,h)anthracene	SO	0.000	U	205	410	ug/kg	205
0A12-031	Indeno(1,2,3-cd)pyrene	SO	0.000	U	205	410	ug/kg	20.5

'Samp_ID' = AUS-0A12-031-SS-0X_4/19/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : **473.591**

Samp_ID *AUS-0A12-032-SS-0X_4/19/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A12-032	Benzo(a)anthracene	SO	1100.000		1100	420	ug/kg	110
0A12-032	Benzo(a)pyrene	SO	590.000		590	420	ug/kg	590
0A12-032	Benzo(b)fluoranthene	SO	410.000	J	410	1300	ug/kg	41
0A12-032	Benzo(k)fluoranthene	SO	480.000		480	420	ug/kg	4.8
0A12-032	Chrysene	SO	1100.000		1100	420	ug/kg	1.1
0A12-032	Dibenzo(a,h)anthracene	SO	81.000	J	81	420	ug/kg	81
0A12-032	Indeno(1,2,3-cd)pyrene	SO	160.000	J	160	1300	ug/kg	16

'Samp_ID' = AUS-0A12-032-SS-0X_4/19/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : **843.9**

Samp_ID *AUS-0A12-033-SS-0X_4/19/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A12-033	Benzo(a)anthracene	SO	140.000	J	140	410	ug/kg	14
0A12-033	Benzo(a)pyrene	SO	83.000	J	83	410	ug/kg	83
0A12-033	Benzo(b)fluoranthene	SO	67.000	J	67	410	ug/kg	6.7
0A12-033	Benzo(k)fluoranthene	SO	77.000	J	77	410	ug/kg	0.77
0A12-033	Chrysene	SO	160.000	J	160	410	ug/kg	0.16
0A12-033	Dibenzo(a,h)anthracene	SO	0.000	U	205	410	ug/kg	205
0A12-033	Indeno(1,2,3-cd)pyrene	SO	0.000	U	205	410	ug/kg	20.5

'Samp_ID' = AUS-0A12-033-SS-0X_4/19/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : **330.13**

Samp_ID *AUS-0A12-034-SS-02_5/2/00_(2-2)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A12-034	Benzo(a)anthracene	SO	0.000	U	0	400	ug/kg	0
0A12-034	Benzo(a)pyrene	SO	0.000	U	0	400	ug/kg	0
0A12-034	Benzo(b)fluoranthene	SO	0.000	U	0	400	ug/kg	0
0A12-034	Benzo(k)fluoranthene	SO	0.000	U	0	400	ug/kg	0
0A12-034	Chrysene	SO	0.000	U	0	400	ug/kg	0
0A12-034	Dibenzo(a,h)anthracene	SO	0.000	U	0	400	ug/kg	0
0A12-034	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	400	ug/kg	0

'Samp_ID' = AUS-0A12-034-SS-02_5/2/00_(2-2)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-0A12-034-SS-05_5/2/00_(5-5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A12-034	Benzo(a)anthracene	SO	0.000	U	0	420	ug/kg	0
0A12-034	Benzo(a)pyrene	SO	0.000	U	0	420	ug/kg	0
0A12-034	Benzo(b)fluoranthene	SO	0.000	U	0	420	ug/kg	0
0A12-034	Benzo(k)fluoranthene	SO	0.000	U	0	420	ug/kg	0
0A12-034	Chrysene	SO	0.000	U	0	420	ug/kg	0
0A12-034	Dibenzo(a,h)anthracene	SO	0.000	U	0	420	ug/kg	0
0A12-034	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	420	ug/kg	0

'Samp_ID' = AUS-0A12-034-SS-05_5/2/00_(5-5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-0A12-035-SS-05_4/6/00_(5-5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A12-035	Benzo(a)anthracene	SO	0.000	U	0	410	ug/kg	0
0A12-035	Benzo(a)pyrene	SO	0.000	U	0	410	ug/kg	0
0A12-035	Benzo(b)fluoranthene	SO	0.000	U	0	410	ug/kg	0
0A12-035	Benzo(k)fluoranthene	SO	0.000	U	0	410	ug/kg	0
0A12-035	Chrysene	SO	0.000	U	0	410	ug/kg	0
0A12-035	Dibenzo(a,h)anthracene	SO	0.000	U	0	410	ug/kg	0
0A12-035	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	410	ug/kg	0

'Samp_ID' = AUS-0A12-035-SS-05_4/6/00_(5-5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-0A12-035-SS-0X_4/6/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A12-035	Benzo(a)anthracene	SO	42.000	J	42	410	ug/kg	4.2
0A12-035	Benzo(a)pyrene	SO	0.000	U	205	410	ug/kg	205
0A12-035	Benzo(b)fluoranthene	SO	0.000	U	205	410	ug/kg	20.5
0A12-035	Benzo(k)fluoranthene	SO	0.000	U	205	410	ug/kg	2.05
0A12-035	Chrysene	SO	52.000	J	52	410	ug/kg	0.052
0A12-035	Dibenzo(a,h)anthracene	SO	0.000	U	205	410	ug/kg	205
0A12-035	Indeno(1,2,3-cd)pyrene	SO	0.000	U	205	410	ug/kg	20.5

'Samp_ID' = AUS-0A12-035-SS-0X_4/6/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : **457.302**

Samp_ID *AUS-0A12-035-SS-13_4/6/00_(13-13)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A12-035	Benzo(a)anthracene	SO	0.000	U	0	400	ug/kg	0
0A12-035	Benzo(a)pyrene	SO	0.000	U	0	400	ug/kg	0
0A12-035	Benzo(b)fluoranthene	SO	0.000	U	0	400	ug/kg	0
0A12-035	Benzo(k)fluoranthene	SO	0.000	U	0	400	ug/kg	0
0A12-035	Chrysene	SO	0.000	U	0	400	ug/kg	0
0A12-035	Dibenzo(a,h)anthracene	SO	0.000	U	0	400	ug/kg	0
0A12-035	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	400	ug/kg	0

'Samp_ID' = AUS-0A12-035-SS-13_4/6/00_(13-13)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-0A12-038-SD-0X_4/19/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A12-038	Benzo(a)anthracene	SO	150.000	J	150	460	ug/kg	15
0A12-038	Benzo(a)pyrene	SO	79.000	J	79	460	ug/kg	79
0A12-038	Benzo(b)fluoranthene	SO	68.000	J	68	460	ug/kg	6.8
0A12-038	Benzo(k)fluoranthene	SO	64.000	J	64	460	ug/kg	0.64
0A12-038	Chrysene	SO	170.000	J	170	460	ug/kg	0.17
0A12-038	Dibenzo(a,h)anthracene	SO	0.000	U	230	460	ug/kg	230
0A12-038	Indeno(1,2,3-cd)pyrene	SO	0.000	U	230	460	ug/kg	23

'Samp_ID' = AUS-0A12-038-SD-0X_4/19/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : **354.61**

Samp_ID AUS-0A12-041-SS-02_4/19/00_(2-2)Grab_NM

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A12-041	Benzo(a)anthracene	SO	0.000	U	0	380	ug/kg	0
0A12-041	Benzo(a)pyrene	SO	0.000	U	0	380	ug/kg	0
0A12-041	Benzo(b)fluoranthene	SO	0.000	U	0	380	ug/kg	0
0A12-041	Benzo(k)fluoranthene	SO	0.000	U	0	380	ug/kg	0
0A12-041	Chrysene	SO	0.000	U	0	380	ug/kg	0
0A12-041	Dibenzo(a,h)anthracene	SO	0.000	U	0	380	ug/kg	0
0A12-041	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	380	ug/kg	0

'Samp_ID' = AUS-0A12-041-SS-02_4/19/00_(2-2)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID AUS-0A12-043-SD-0X_4/19/00_(0-0.5)Grab_NM

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A12-043	Benzo(a)anthracene	SO	0.000	U	0	440	ug/kg	0
0A12-043	Benzo(a)pyrene	SO	0.000	U	0	440	ug/kg	0
0A12-043	Benzo(b)fluoranthene	SO	0.000	U	0	440	ug/kg	0
0A12-043	Benzo(k)fluoranthene	SO	0.000	U	0	440	ug/kg	0
0A12-043	Chrysene	SO	0.000	U	0	440	ug/kg	0
0A12-043	Dibenzo(a,h)anthracene	SO	0.000	U	0	440	ug/kg	0
0A12-043	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	440	ug/kg	0

'Samp_ID' = AUS-0A12-043-SD-0X_4/19/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-0A12-046-SD-0X_4/20/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A12-046	Benzo(a)anthracene	SE	200.000	J	200	460	ug/kg	20
0A12-046	Benzo(a)pyrene	SE	200.000	J	200	460	ug/kg	200
0A12-046	Benzo(b)fluoranthene	SE	360.000	J	360	460	ug/kg	36
0A12-046	Benzo(k)fluoranthene	SE	86.000	J	86	460	ug/kg	0.86
0A12-046	Chrysene	SE	230.000	J	230	460	ug/kg	0.23
0A12-046	Dibenzo(a,h)anthracene	SE	0.000	U	230	460	ug/kg	230
0A12-046	Indeno(1,2,3-cd)pyrene	SE	0.000	U	230	460	ug/kg	23

'Samp_ID' = AUS-0A12-046-SD-0X_4/20/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : 510.09

Samp_ID *AUS-0A12-047-SD-0X_4/20/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A12-047	Benzo(a)anthracene	SE	0.000	U	0	510	ug/kg	0
0A12-047	Benzo(a)pyrene	SE	0.000	U	0	510	ug/kg	0
0A12-047	Benzo(b)fluoranthene	SE	0.000	U	0	510	ug/kg	0
0A12-047	Benzo(k)fluoranthene	SE	0.000	U	0	510	ug/kg	0
0A12-047	Chrysene	SE	0.000	U	0	510	ug/kg	0
0A12-047	Dibenzo(a,h)anthracene	SE	0.000	U	0	510	ug/kg	0
0A12-047	Indeno(1,2,3-cd)pyrene	SE	0.000	U	0	510	ug/kg	0

'Samp_ID' = AUS-0A12-047-SD-0X_4/20/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-0A12-048-SD-0X_4/20/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A12-048	Benzo(a)anthracene	SE	0.000	U	0	440	ug/kg	0
0A12-048	Benzo(a)pyrene	SE	0.000	U	0	440	ug/kg	0
0A12-048	Benzo(b)fluoranthene	SE	0.000	U	0	440	ug/kg	0
0A12-048	Benzo(k)fluoranthene	SE	0.000	U	0	440	ug/kg	0
0A12-048	Chrysene	SE	0.000	U	0	440	ug/kg	0
0A12-048	Dibenzo(a,h)anthracene	SE	0.000	U	0	440	ug/kg	0
0A12-048	Indeno(1,2,3-cd)pyrene	SE	0.000	U	0	440	ug/kg	0

'Samp_ID' = AUS-0A12-048-SD-0X_4/20/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-0A12-051-SS-0X_4/20/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A12-051	Benzo(a)anthracene	SO	48.000	J	48	430	ug/kg	4.8
0A12-051	Benzo(a)pyrene	SO	99.000	J	99	430	ug/kg	99
0A12-051	Benzo(b)fluoranthene	SO	160.000	J	160	430	ug/kg	16
0A12-051	Benzo(k)fluoranthene	SO	47.000	J	47	430	ug/kg	0.47
0A12-051	Chrysene	SO	72.000	J	72	430	ug/kg	0.072
0A12-051	Dibenzo(a,h)anthracene	SO	0.000	U	215	430	ug/kg	215
0A12-051	Indeno(1,2,3-cd)pyrene	SO	55.000	J	55	430	ug/kg	5.5

'Samp_ID' = AUS-0A12-051-SS-0X_4/20/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : **340.842**

Samp_ID AUS-0A12-056-SS-0X_4/20/00_(0-0.5)Grab_NM

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A12-056	Benzo(a)anthracene	SO	0.000	U	215	430	ug/kg	21.5
0A12-056	Benzo(a)pyrene	SO	0.000	U	215	430	ug/kg	215
0A12-056	Benzo(b)fluoranthene	SO	71.000	J	71	430	ug/kg	7.1
0A12-056	Benzo(k)fluoranthene	SO	0.000	U	215	430	ug/kg	2.15
0A12-056	Chrysene	SO	51.000	J	51	430	ug/kg	0.051
0A12-056	Dibenzo(a,h)anthracene	SO	0.000	U	215	430	ug/kg	215
0A12-056	Indeno(1,2,3-cd)pyrene	SO	0.000	U	215	430	ug/kg	21.5

'Samp_ID' = AUS-0A12-056-SS-0X_4/20/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : 482.301

Samp_ID AUS-0A12-057-SD-0X_4/20/00_(0-0.5)Grab_NM

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A12-057	Benzo(a)anthracene	SE	0.000	U	0	480	ug/kg	0
0A12-057	Benzo(a)pyrene	SE	0.000	U	0	480	ug/kg	0
0A12-057	Benzo(b)fluoranthene	SE	0.000	U	0	480	ug/kg	0
0A12-057	Benzo(k)fluoranthene	SE	0.000	U	0	480	ug/kg	0
0A12-057	Chrysene	SE	0.000	U	0	480	ug/kg	0
0A12-057	Dibenzo(a,h)anthracene	SE	0.000	U	0	480	ug/kg	0
0A12-057	Indeno(1,2,3-cd)pyrene	SE	0.000	U	0	480	ug/kg	0

'Samp_ID' = AUS-0A12-057-SD-0X_4/20/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-0A12-058-SS-0X_4/20/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A12-058	Benzo(a)anthracene	SO	0.000	U	0	410	ug/kg	0
0A12-058	Benzo(a)pyrene	SO	0.000	U	0	410	ug/kg	0
0A12-058	Benzo(b)fluoranthene	SO	0.000	U	0	410	ug/kg	0
0A12-058	Benzo(k)fluoranthene	SO	0.000	U	0	410	ug/kg	0
0A12-058	Chrysene	SO	0.000	U	0	410	ug/kg	0
0A12-058	Dibenzo(a,h)anthracene	SO	0.000	U	0	410	ug/kg	0
0A12-058	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	410	ug/kg	0

'Samp_ID' = AUS-0A12-058-SS-0X_4/20/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-0A12-060-SD-0X_4/20/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A12-060	Benzo(a)anthracene	SO	0.000	U	0	440	ug/kg	0
0A12-060	Benzo(a)pyrene	SO	0.000	U	0	440	ug/kg	0
0A12-060	Benzo(b)fluoranthene	SO	0.000	U	0	440	ug/kg	0
0A12-060	Benzo(k)fluoranthene	SO	0.000	U	0	440	ug/kg	0
0A12-060	Chrysene	SO	0.000	U	0	440	ug/kg	0
0A12-060	Dibenzo(a,h)anthracene	SO	0.000	U	0	440	ug/kg	0
0A12-060	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	440	ug/kg	0

'Samp_ID' = AUS-0A12-060-SD-0X_4/20/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-0A12-062-SD-0X_4/20/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A12-062	Benzo(a)anthracene	SO	49.000	J	49	470	ug/kg	4.9
0A12-062	Benzo(a)pyrene	SO	0.000	U	235	470	ug/kg	235
0A12-062	Benzo(b)fluoranthene	SO	53.000	J	53	470	ug/kg	5.3
0A12-062	Benzo(k)fluoranthene	SO	0.000	U	235	470	ug/kg	2.35
0A12-062	Chrysene	SO	49.000	J	49	470	ug/kg	0.049
0A12-062	Dibenzo(a,h)anthracene	SO	0.000	U	235	470	ug/kg	235
0A12-062	Indeno(1,2,3-cd)pyrene	SO	0.000	U	235	470	ug/kg	23.5

'Samp_ID' = AUS-0A12-062-SD-0X_4/20/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : **506.099**

Samp_ID *AUS-0A12-064-SS-05_4/7/00_(5-5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A12-064	Benzo(a)anthracene	SO	0.000	U	0	5.9	ug/kg	0
0A12-064	Benzo(a)pyrene	SO	0.000	U	0	5.9	ug/kg	0
0A12-064	Benzo(b)fluoranthene	SO	0.000	U	0	7.9	ug/kg	0
0A12-064	Benzo(k)fluoranthene	SO	0.000	U	0	5.9	ug/kg	0
0A12-064	Chrysene	SO	0.000	U	0	5.9	ug/kg	0
0A12-064	Dibenzo(a,h)anthracene	SO	0.000	U	0	9.8	ug/kg	0
0A12-064	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	5.9	ug/kg	0

'Samp_ID' = AUS-0A12-064-SS-05_4/7/00_(5-5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID AUS-0A12-064-SS-0X_4/7/00_(0-0.5)Grab_NM

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A12-064	Benzo(a)anthracene	SO	0.000	U	0	7	ug/kg	0
0A12-064	Benzo(a)pyrene	SO	0.000	U	0	7	ug/kg	0
0A12-064	Benzo(b)fluoranthene	SO	0.000	U	0	9.4	ug/kg	0
0A12-064	Benzo(k)fluoranthene	SO	0.000	U	0	7	ug/kg	0
0A12-064	Chrysene	SO	0.000	U	0	7	ug/kg	0
0A12-064	Dibenzo(a,h)anthracene	SO	0.000	U	0	12	ug/kg	0
0A12-064	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	7	ug/kg	0

'Samp_ID' = AUS-0A12-064-SS-0X_4/7/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID AUS-0A12-064-SS-12_4/7/00_(12-12)Grab_NM

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A12-064	Benzo(a)anthracene	SO	0.000	U	0	6.1	ug/kg	0
0A12-064	Benzo(a)pyrene	SO	0.000	U	0	6.1	ug/kg	0
0A12-064	Benzo(b)fluoranthene	SO	0.000	U	0	8.2	ug/kg	0
0A12-064	Benzo(k)fluoranthene	SO	0.000	U	0	6.1	ug/kg	0
0A12-064	Chrysene	SO	0.000	U	0	6.1	ug/kg	0
0A12-064	Dibenzo(a,h)anthracene	SO	0.000	U	0	10	ug/kg	0
0A12-064	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	6.1	ug/kg	0

'Samp_ID' = AUS-0A12-064-SS-12_4/7/00_(12-12)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-0A12-067-SS-0X_4/20/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A12-067	Benzo(a)anthracene	SO	0.000	U	0	440	ug/kg	0
0A12-067	Benzo(a)pyrene	SO	0.000	U	0	440	ug/kg	0
0A12-067	Benzo(b)fluoranthene	SO	0.000	U	0	440	ug/kg	0
0A12-067	Benzo(k)fluoranthene	SO	0.000	U	0	440	ug/kg	0
0A12-067	Chrysene	SO	0.000	U	0	440	ug/kg	0
0A12-067	Dibenzo(a,h)anthracene	SO	0.000	U	0	440	ug/kg	0
0A12-067	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	440	ug/kg	0

'Samp_ID' = AUS-0A12-067-SS-0X_4/20/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-0A12-070-SD-0X_4/19/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A12-070	Benzo(a)anthracene	SE	0.000	U	0	430	ug/kg	0
0A12-070	Benzo(a)pyrene	SE	0.000	U	0	430	ug/kg	0
0A12-070	Benzo(b)fluoranthene	SE	0.000	U	0	430	ug/kg	0
0A12-070	Benzo(k)fluoranthene	SE	0.000	U	0	430	ug/kg	0
0A12-070	Chrysene	SE	0.000	U	0	430	ug/kg	0
0A12-070	Dibenzo(a,h)anthracene	SE	0.000	U	0	430	ug/kg	0
0A12-070	Indeno(1,2,3-cd)pyrene	SE	0.000	U	0	430	ug/kg	0

'Samp_ID' = AUS-0A12-070-SD-0X_4/19/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-0A12-076-SS-0X_4/19/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A12-076	Benzo(a)anthracene	SO	0.000	U	0	420	ug/kg	0
0A12-076	Benzo(a)pyrene	SO	0.000	U	0	420	ug/kg	0
0A12-076	Benzo(b)fluoranthene	SO	0.000	U	0	420	ug/kg	0
0A12-076	Benzo(k)fluoranthene	SO	0.000	U	0	420	ug/kg	0
0A12-076	Chrysene	SO	0.000	U	0	420	ug/kg	0
0A12-076	Dibenzo(a,h)anthracene	SO	0.000	U	0	420	ug/kg	0
0A12-076	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	420	ug/kg	0

'Samp_ID' = AUS-0A12-076-SS-0X_4/19/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-0A12-080-SD-0X_4/19/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A12-080	Benzo(a)anthracene	SE	0.000	U	0	460	ug/kg	0
0A12-080	Benzo(a)pyrene	SE	0.000	U	0	460	ug/kg	0
0A12-080	Benzo(b)fluoranthene	SE	0.000	U	0	460	ug/kg	0
0A12-080	Benzo(k)fluoranthene	SE	0.000	U	0	460	ug/kg	0
0A12-080	Chrysene	SE	0.000	U	0	460	ug/kg	0
0A12-080	Dibenzo(a,h)anthracene	SE	0.000	U	0	460	ug/kg	0
0A12-080	Indeno(1,2,3-cd)pyrene	SE	0.000	U	0	460	ug/kg	0

'Samp_ID' = AUS-0A12-080-SD-0X_4/19/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-0A12-081-SS-02_4/19/00_(2-2)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A12-081	Benzo(a)anthracene	SO	0.000	U	215	430	ug/kg	21.5
0A12-081	Benzo(a)pyrene	SO	0.000	U	215	430	ug/kg	215
0A12-081	Benzo(b)fluoranthene	SO	63.000	J	63	430	ug/kg	6.3
0A12-081	Benzo(k)fluoranthene	SO	0.000	U	215	430	ug/kg	2.15
0A12-081	Chrysene	SO	45.000	J	45	430	ug/kg	0.045
0A12-081	Dibenzo(a,h)anthracene	SO	0.000	U	215	430	ug/kg	215
0A12-081	Indeno(1,2,3-cd)pyrene	SO	0.000	U	215	430	ug/kg	21.5

'Samp_ID' = AUS-0A12-081-SS-02_4/19/00_(2-2)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : 481.495

Samp_ID *AUS-0A12-082-SS-0X_4/19/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A12-082	Benzo(a)anthracene	SO	0.000	U	0	430	ug/kg	0
0A12-082	Benzo(a)pyrene	SO	0.000	U	0	430	ug/kg	0
0A12-082	Benzo(b)fluoranthene	SO	0.000	U	0	430	ug/kg	0
0A12-082	Benzo(k)fluoranthene	SO	0.000	U	0	430	ug/kg	0
0A12-082	Chrysene	SO	0.000	U	0	430	ug/kg	0
0A12-082	Dibenzo(a,h)anthracene	SO	0.000	U	0	430	ug/kg	0
0A12-082	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	430	ug/kg	0

'Samp_ID' = AUS-0A12-082-SS-0X_4/19/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-0A12-083-SS-0X_4/19/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A12-083	Benzo(a)anthracene	SO	0.000	U	0	450	ug/kg	0
0A12-083	Benzo(a)pyrene	SO	0.000	U	0	450	ug/kg	0
0A12-083	Benzo(b)fluoranthene	SO	0.000	U	0	450	ug/kg	0
0A12-083	Benzo(k)fluoranthene	SO	0.000	U	0	450	ug/kg	0
0A12-083	Chrysene	SO	0.000	U	0	450	ug/kg	0
0A12-083	Dibenzo(a,h)anthracene	SO	0.000	U	0	450	ug/kg	0
0A12-083	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	450	ug/kg	0

'Samp_ID' = AUS-0A12-083-SS-0X_4/19/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-0A12-084-SS-0X_4/19/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A12-084	Benzo(a)anthracene	SO	0.000	U	0	420	ug/kg	0
0A12-084	Benzo(a)pyrene	SO	0.000	U	0	420	ug/kg	0
0A12-084	Benzo(b)fluoranthene	SO	0.000	U	0	420	ug/kg	0
0A12-084	Benzo(k)fluoranthene	SO	0.000	U	0	420	ug/kg	0
0A12-084	Chrysene	SO	0.000	U	0	420	ug/kg	0
0A12-084	Dibenzo(a,h)anthracene	SO	0.000	U	0	420	ug/kg	0
0A12-084	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	420	ug/kg	0

'Samp_ID' = AUS-0A12-084-SS-0X_4/19/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-0A12-085-SS-0X_4/19/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A12-085	Benzo(a)anthracene	SO	0.000	U	0	420	ug/kg	0
0A12-085	Benzo(a)pyrene	SO	0.000	U	0	420	ug/kg	0
0A12-085	Benzo(b)fluoranthene	SO	0.000	U	0	420	ug/kg	0
0A12-085	Benzo(k)fluoranthene	SO	0.000	U	0	420	ug/kg	0
0A12-085	Chrysene	SO	0.000	U	0	420	ug/kg	0
0A12-085	Dibenzo(a,h)anthracene	SO	0.000	U	0	420	ug/kg	0
0A12-085	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	420	ug/kg	0

'Samp_ID' = AUS-0A12-085-SS-0X_4/19/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-0A12-086-SS-0X_4/19/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A12-086	Benzo(a)anthracene	SO	0.000	U	0	430	ug/kg	0
0A12-086	Benzo(a)pyrene	SO	0.000	U	0	430	ug/kg	0
0A12-086	Benzo(b)fluoranthene	SO	0.000	U	0	430	ug/kg	0
0A12-086	Benzo(k)fluoranthene	SO	0.000	U	0	430	ug/kg	0
0A12-086	Chrysene	SO	0.000	U	0	430	ug/kg	0
0A12-086	Dibenzo(a,h)anthracene	SO	0.000	U	0	430	ug/kg	0
0A12-086	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	430	ug/kg	0

'Samp_ID' = AUS-0A12-086-SS-0X_4/19/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-0A12-087-SS-0X_4/19/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A12-087	Benzo(a)anthracene	SO	0.000	U	0	400	ug/kg	0
0A12-087	Benzo(a)pyrene	SO	0.000	U	0	400	ug/kg	0
0A12-087	Benzo(b)fluoranthene	SO	0.000	U	0	400	ug/kg	0
0A12-087	Benzo(k)fluoranthene	SO	0.000	U	0	400	ug/kg	0
0A12-087	Chrysene	SO	0.000	U	0	400	ug/kg	0
0A12-087	Dibenzo(a,h)anthracene	SO	0.000	U	0	400	ug/kg	0
0A12-087	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	400	ug/kg	0

'Samp_ID' = AUS-0A12-087-SS-0X_4/19/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-0A12-088-SD-0X_4/19/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A12-088	Benzo(a)anthracene	SE	0.000	U	0	440	ug/kg	0
0A12-088	Benzo(a)pyrene	SE	0.000	U	0	440	ug/kg	0
0A12-088	Benzo(b)fluoranthene	SE	0.000	U	0	440	ug/kg	0
0A12-088	Benzo(k)fluoranthene	SE	0.000	U	0	440	ug/kg	0
0A12-088	Chrysene	SE	0.000	U	0	440	ug/kg	0
0A12-088	Dibenzo(a,h)anthracene	SE	0.000	U	0	440	ug/kg	0
0A12-088	Indeno(1,2,3-cd)pyrene	SE	0.000	U	0	440	ug/kg	0

'Samp_ID' = AUS-0A12-088-SD-0X_4/19/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID AUS-0A12-089-SS-0X_4/19/00_(0-0.5)Grab_NM

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A12-089	Benzo(a)anthracene	SO	0.000	U	200	400	ug/kg	20
0A12-089	Benzo(a)pyrene	SO	0.000	U	200	400	ug/kg	200
0A12-089	Benzo(b)fluoranthene	SO	65.000	J	65	400	ug/kg	6.5
0A12-089	Benzo(k)fluoranthene	SO	76.000	J	76	400	ug/kg	0.76
0A12-089	Chrysene	SO	55.000	J	55	400	ug/kg	0.055
0A12-089	Dibenzo(a,h)anthracene	SO	0.000	U	200	400	ug/kg	200
0A12-089	Indeno(1,2,3-cd)pyrene	SO	0.000	U	200	400	ug/kg	20

'Samp_ID' = AUS-0A12-089-SS-0X_4/19/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : 447.315

Samp_ID AUS-0A12-090-SD-0X_4/19/00_(0-0.5)Grab_NM

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A12-090	Benzo(a)anthracene	SE	0.000	U	0	440	ug/kg	0
0A12-090	Benzo(a)pyrene	SE	0.000	U	0	440	ug/kg	0
0A12-090	Benzo(b)fluoranthene	SE	0.000	U	0	440	ug/kg	0
0A12-090	Benzo(k)fluoranthene	SE	0.000	U	0	440	ug/kg	0
0A12-090	Chrysene	SE	0.000	U	0	440	ug/kg	0
0A12-090	Dibenzo(a,h)anthracene	SE	0.000	U	0	440	ug/kg	0
0A12-090	Indeno(1,2,3-cd)pyrene	SE	0.000	U	0	440	ug/kg	0

'Samp_ID' = AUS-0A12-090-SD-0X_4/19/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID AUS-0A12-091-SS-0X_4/19/00_(0-0.5)Grab_NM

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A12-091	Benzo(a)anthracene	SO	0.000	U	0	420	ug/kg	0
0A12-091	Benzo(a)pyrene	SO	0.000	U	0	420	ug/kg	0
0A12-091	Benzo(b)fluoranthene	SO	0.000	U	0	420	ug/kg	0
0A12-091	Benzo(k)fluoranthene	SO	0.000	U	0	420	ug/kg	0
0A12-091	Chrysene	SO	0.000	U	0	420	ug/kg	0
0A12-091	Dibenzo(a,h)anthracene	SO	0.000	U	0	420	ug/kg	0
0A12-091	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	420	ug/kg	0

'Samp_ID' = AUS-0A12-091-SS-0X_4/19/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID AUS-0A12-093-SS-03_4/6/00_(3-3)Grab_NM

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A12-093	Benzo(a)anthracene	SO	0.000	U	0	6.5	ug/kg	0
0A12-093	Benzo(a)pyrene	SO	0.000	U	0	6.5	ug/kg	0
0A12-093	Benzo(b)fluoranthene	SO	0.000	U	0	8.7	ug/kg	0
0A12-093	Benzo(k)fluoranthene	SO	0.000	U	0	6.5	ug/kg	0
0A12-093	Chrysene	SO	0.000	U	0	6.5	ug/kg	0
0A12-093	Dibenzo(a,h)anthracene	SO	0.000	U	0	11	ug/kg	0
0A12-093	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	6.5	ug/kg	0

'Samp_ID' = AUS-0A12-093-SS-03_4/6/00_(3-3)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-0A12-093-SS-05_4/6/00_(5-5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A12-093	Benzo(a)anthracene	SO	0.000	U	3.2	6.4	ug/kg	0.32
0A12-093	Benzo(a)pyrene	SO	11.000		11	6.4	ug/kg	11
0A12-093	Benzo(b)fluoranthene	SO	12.000		12	8.6	ug/kg	1.2
0A12-093	Benzo(k)fluoranthene	SO	0.000	U	3.2	6.4	ug/kg	0.032
0A12-093	Chrysene	SO	53.000		53	6.4	ug/kg	0.053
0A12-093	Dibenzo(a,h)anthracene	SO	0.000	U	5.5	11	ug/kg	5.5
0A12-093	Indeno(1,2,3-cd)pyrene	SO	0.000	U	3.2	6.4	ug/kg	0.32

'Samp_ID' = AUS-0A12-093-SS-05_4/6/00_(5-5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *18.425*

Samp_ID *AUS-0A12-093-SS-0X_4/6/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A12-093	Benzo(a)anthracene	SO	220.000		220	6.9	ug/kg	22
0A12-093	Benzo(a)pyrene	SO	260.000		260	6.9	ug/kg	260
0A12-093	Benzo(b)fluoranthene	SO	250.000		250	9.3	ug/kg	25
0A12-093	Benzo(k)fluoranthene	SO	69.000		69	6.9	ug/kg	0.69
0A12-093	Chrysene	SO	1800.000		1800	280	ug/kg	1.8
0A12-093	Dibenzo(a,h)anthracene	SO	0.000	U	6	12	ug/kg	6
0A12-093	Indeno(1,2,3-cd)pyrene	SO	61.000		61	6.9	ug/kg	6.1

'Samp_ID' = AUS-0A12-093-SS-0X_4/6/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : **321.59**

Samp_ID AUS-0A12-094-SS-0X_4/19/00_(0-0.5)Grab_NM

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A12-094	Benzo(a)anthracene	SO	0.000	U	0	440	ug/kg	0
0A12-094	Benzo(a)pyrene	SO	0.000	U	0	440	ug/kg	0
0A12-094	Benzo(b)fluoranthene	SO	0.000	U	0	440	ug/kg	0
0A12-094	Benzo(k)fluoranthene	SO	0.000	U	0	440	ug/kg	0
0A12-094	Chrysene	SO	0.000	U	0	440	ug/kg	0
0A12-094	Dibenzo(a,h)anthracene	SO	0.000	U	0	440	ug/kg	0
0A12-094	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	440	ug/kg	0

'Samp_ID' = AUS-0A12-094-SS-0X_4/19/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID AUS-0A12-097-SS-0X_4/18/00_(0-0.5)Grab_NM

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A12-097	Benzo(a)anthracene	SO	0.000	U	0	410	ug/kg	0
0A12-097	Benzo(a)pyrene	SO	0.000	U	0	410	ug/kg	0
0A12-097	Benzo(b)fluoranthene	SO	0.000	U	0	410	ug/kg	0
0A12-097	Benzo(k)fluoranthene	SO	0.000	U	0	410	ug/kg	0
0A12-097	Chrysene	SO	0.000	U	0	410	ug/kg	0
0A12-097	Dibenzo(a,h)anthracene	SO	0.000	U	0	410	ug/kg	0
0A12-097	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	410	ug/kg	0

'Samp_ID' = AUS-0A12-097-SS-0X_4/18/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID AUS-0A12-098-SS-0X_4/18/00_(0-0.5)Grab_NM

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A12-098	Benzo(a)anthracene	SO	130.000	J	130	440	ug/kg	13
0A12-098	Benzo(a)pyrene	SO	130.000	J	130	440	ug/kg	130
0A12-098	Benzo(b)fluoranthene	SO	170.000	J	170	440	ug/kg	17
0A12-098	Benzo(k)fluoranthene	SO	190.000	J	190	440	ug/kg	1.9
0A12-098	Chrysene	SO	180.000	J	180	440	ug/kg	0.18
0A12-098	Dibenzo(a,h)anthracene	SO	0.000	U	220	440	ug/kg	220
0A12-098	Indeno(1,2,3-cd)pyrene	SO	72.000	J	72	440	ug/kg	7.2

'Samp_ID' = AUS-0A12-098-SS-0X_4/18/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : 389.28

Samp_ID AUS-0A12-099-SS-05_4/6/00_(5-5)Grab_NM

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A12-099	Benzo(a)anthracene	SO	0.000	U	0	6.2	ug/kg	0
0A12-099	Benzo(a)pyrene	SO	0.000	U	0	6.2	ug/kg	0
0A12-099	Benzo(b)fluoranthene	SO	0.000	U	0	8.3	ug/kg	0
0A12-099	Benzo(k)fluoranthene	SO	0.000	U	0	6.2	ug/kg	0
0A12-099	Chrysene	SO	0.000	U	0	6.2	ug/kg	0
0A12-099	Dibenzo(a,h)anthracene	SO	0.000	U	0	10	ug/kg	0
0A12-099	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	6.2	ug/kg	0

'Samp_ID' = AUS-0A12-099-SS-05_4/6/00_(5-5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : 0

Samp_ID *AUS-0A12-099-SS-0X_4/6/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A12-099	Benzo(a)anthracene	SO	0.000	U	0	6.1	ug/kg	0
0A12-099	Benzo(a)pyrene	SO	0.000	U	0	6.1	ug/kg	0
0A12-099	Benzo(b)fluoranthene	SO	0.000	U	0	8.2	ug/kg	0
0A12-099	Benzo(k)fluoranthene	SO	0.000	U	0	6.1	ug/kg	0
0A12-099	Chrysene	SO	0.000	U	0	6.1	ug/kg	0
0A12-099	Dibenzo(a,h)anthracene	SO	0.000	U	0	10	ug/kg	0
0A12-099	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	6.1	ug/kg	0

'Samp_ID' = AUS-0A12-099-SS-0X_4/6/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-0A12-099-SS-11_4/6/00_(11-11)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A12-099	Benzo(a)anthracene	SO	0.000	U	0	6	ug/kg	0
0A12-099	Benzo(a)pyrene	SO	0.000	U	0	6	ug/kg	0
0A12-099	Benzo(b)fluoranthene	SO	0.000	U	0	8.1	ug/kg	0
0A12-099	Benzo(k)fluoranthene	SO	0.000	U	0	6	ug/kg	0
0A12-099	Chrysene	SO	0.000	U	0	6	ug/kg	0
0A12-099	Dibenzo(a,h)anthracene	SO	0.000	U	0	10	ug/kg	0
0A12-099	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	6	ug/kg	0

'Samp_ID' = AUS-0A12-099-SS-11_4/6/00_(11-11)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-0A12-100-SS-05_4/7/00_(5-5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A12-100	Benzo(a)anthracene	SO	0.000	U	0	6	ug/kg	0
0A12-100	Benzo(a)pyrene	SO	0.000	U	0	6	ug/kg	0
0A12-100	Benzo(b)fluoranthene	SO	0.000	U	0	8	ug/kg	0
0A12-100	Benzo(k)fluoranthene	SO	0.000	U	0	6	ug/kg	0
0A12-100	Chrysene	SO	0.000	U	0	6	ug/kg	0
0A12-100	Dibenzo(a,h)anthracene	SO	0.000	U	0	10	ug/kg	0
0A12-100	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	6	ug/kg	0

'Samp_ID' = AUS-0A12-100-SS-05_4/7/00_(5-5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-0A12-100-SS-0X_4/7/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A12-100	Benzo(a)anthracene	SO	0.000	U	0	6	ug/kg	0
0A12-100	Benzo(a)pyrene	SO	0.000	U	0	6	ug/kg	0
0A12-100	Benzo(b)fluoranthene	SO	0.000	U	0	8	ug/kg	0
0A12-100	Benzo(k)fluoranthene	SO	0.000	U	0	6	ug/kg	0
0A12-100	Chrysene	SO	0.000	U	0	6	ug/kg	0
0A12-100	Dibenzo(a,h)anthracene	SO	0.000	U	0	9.9	ug/kg	0
0A12-100	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	6	ug/kg	0

'Samp_ID' = AUS-0A12-100-SS-0X_4/7/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-0A12-100-SS-14_4/7/00_(14-14)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A12-100	Benzo(a)anthracene	SO	0.000	U	0	6.4	ug/kg	0
0A12-100	Benzo(a)pyrene	SO	0.000	U	0	6.4	ug/kg	0
0A12-100	Benzo(b)fluoranthene	SO	0.000	U	0	8.5	ug/kg	0
0A12-100	Benzo(k)fluoranthene	SO	0.000	U	0	6.4	ug/kg	0
0A12-100	Chrysene	SO	0.000	U	0	6.4	ug/kg	0
0A12-100	Dibenzo(a,h)anthracene	SO	0.000	U	0	11	ug/kg	0
0A12-100	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	6.4	ug/kg	0

'Samp_ID' = AUS-0A12-100-SS-14_4/7/00_(14-14)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-0A12-501-SS-0X_4/4/00_(0-0.5)Grab_DUP*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A12-010	Benzo(a)anthracene	SO	0.000	U	3.25	6.5	ug/kg	0.325
0A12-010	Benzo(a)pyrene	SO	0.000	U	3.25	6.5	ug/kg	3.25
0A12-010	Benzo(b)fluoranthene	SO	0.000	U	4.35	8.7	ug/kg	0.435
0A12-010	Benzo(k)fluoranthene	SO	0.000	U	3.25	6.5	ug/kg	0.0325
0A12-010	Chrysene	SO	10.000		10	6.5	ug/kg	0.01
0A12-010	Dibenzo(a,h)anthracene	SO	0.000	U	5.5	11	ug/kg	5.5
0A12-010	Indeno(1,2,3-cd)pyrene	SO	0.000	U	3.25	6.5	ug/kg	0.325

'Samp_ID' = AUS-0A12-501-SS-0X_4/4/00_(0-0.5)Grab_DUP (7 detail records)

Toxic Equivalency Quotient (TEQ) : *9.8775*

Samp_ID AUS-0A12-502-SS-05_4/6/00_(5-5)Grab_DUP

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A12-099	Benzo(a)anthracene	SO	0.000	U	0	6.2	ug/kg	0
0A12-099	Benzo(a)pyrene	SO	0.000	U	0	6.2	ug/kg	0
0A12-099	Benzo(b)fluoranthene	SO	0.000	U	0	8.3	ug/kg	0
0A12-099	Benzo(k)fluoranthene	SO	0.000	U	0	6.2	ug/kg	0
0A12-099	Chrysene	SO	0.000	U	0	6.2	ug/kg	0
0A12-099	Dibenzo(a,h)anthracene	SO	0.000	U	0	10	ug/kg	0
0A12-099	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	6.2	ug/kg	0

'Samp_ID' = AUS-0A12-502-SS-05_4/6/00_(5-5)Grab_DUP (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID AUS-0A12-503-SS-05_4/10/00_(5-5)Grab_DUP

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A12-015	Benzo(a)anthracene	SO	0.000	U	0	6.4	ug/kg	0
0A12-015	Benzo(a)pyrene	SO	0.000	U	0	6.4	ug/kg	0
0A12-015	Benzo(b)fluoranthene	SO	0.000	U	0	8.6	ug/kg	0
0A12-015	Benzo(k)fluoranthene	SO	0.000	U	0	6.4	ug/kg	0
0A12-015	Chrysene	SO	0.000	U	0	6.4	ug/kg	0
0A12-015	Dibenzo(a,h)anthracene	SO	0.000	U	0	11	ug/kg	0
0A12-015	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	6.4	ug/kg	0

'Samp_ID' = AUS-0A12-503-SS-05_4/10/00_(5-5)Grab_DUP (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-0A12-504-SS-05_4/7/00_(5-5)Grab_DUP*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A12-100	Benzo(a)anthracene	SO	0.000	U	0	6	ug/kg	0
0A12-100	Benzo(a)pyrene	SO	0.000	U	0	6	ug/kg	0
0A12-100	Benzo(b)fluoranthene	SO	0.000	U	0	8	ug/kg	0
0A12-100	Benzo(k)fluoranthene	SO	0.000	U	0	6	ug/kg	0
0A12-100	Chrysene	SO	0.000	U	0	6	ug/kg	0
0A12-100	Dibenzo(a,h)anthracene	SO	0.000	U	0	10	ug/kg	0
0A12-100	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	6	ug/kg	0

'Samp_ID' = AUS-0A12-504-SS-05_4/7/00_(5-5)Grab_DUP (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-0A12-506-SS-0X_4/17/00_(0-0.5)Grab_DUP*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A12-002	Benzo(a)anthracene	SO	140.000	J	140	420	ug/kg	14
0A12-002	Benzo(a)pyrene	SO	150.000	J	150	420	ug/kg	150
0A12-002	Benzo(b)fluoranthene	SO	230.000	J	230	420	ug/kg	23
0A12-002	Benzo(k)fluoranthene	SO	98.000	J	98	420	ug/kg	0.98
0A12-002	Chrysene	SO	150.000	J	150	420	ug/kg	0.15
0A12-002	Dibenzo(a,h)anthracene	SO	0.000	U	210	420	ug/kg	210
0A12-002	Indeno(1,2,3-cd)pyrene	SO	0.000	U	210	420	ug/kg	21

'Samp_ID' = AUS-0A12-506-SS-0X_4/17/00_(0-0.5)Grab_DUP (7 detail records)

Toxic Equivalency Quotient (TEQ) : **419.13**

Samp_ID AUS-0A12-507-SS-03_4/17/00_(3-3)Grab_DUP

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A12-011	Benzo(a)anthracene	SO	0.000	U	0	430	ug/kg	0
0A12-011	Benzo(a)pyrene	SO	0.000	U	0	430	ug/kg	0
0A12-011	Benzo(b)fluoranthene	SO	0.000	U	0	430	ug/kg	0
0A12-011	Benzo(k)fluoranthene	SO	0.000	U	0	430	ug/kg	0
0A12-011	Chrysene	SO	0.000	U	0	430	ug/kg	0
0A12-011	Dibenzo(a,h)anthracene	SO	0.000	U	0	430	ug/kg	0
0A12-011	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	430	ug/kg	0

'Samp_ID' = AUS-0A12-507-SS-03_4/17/00_(3-3)Grab_DUP (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID AUS-0A12-509-SS-0X_4/19/00_(0-0.5)Grab_DUP

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A12-032	Benzo(a)anthracene	SO	750.000		750	420	ug/kg	75
0A12-032	Benzo(a)pyrene	SO	420.000		420	420	ug/kg	420
0A12-032	Benzo(b)fluoranthene	SO	310.000	J	310	420	ug/kg	31
0A12-032	Benzo(k)fluoranthene	SO	390.000	J	390	420	ug/kg	3.9
0A12-032	Chrysene	SO	810.000		810	420	ug/kg	0.81
0A12-032	Dibenzo(a,h)anthracene	SO	88.000	J	88	420	ug/kg	88
0A12-032	Indeno(1,2,3-cd)pyrene	SO	210.000	J	210	420	ug/kg	21

'Samp_ID' = AUS-0A12-509-SS-0X_4/19/00_(0-0.5)Grab_DUP (7 detail records)

Toxic Equivalency Quotient (TEQ) : **639.71**

Samp_ID *AUS-0A12-511-SS-0X_4/20/00_(0-0.5)Grab_DUP*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A12-051	Benzo(a)anthracene	SO	140.000	J	140	420	ug/kg	14
0A12-051	Benzo(a)pyrene	SO	140.000	J	140	420	ug/kg	140
0A12-051	Benzo(b)fluoranthene	SO	350.000	J	350	420	ug/kg	35
0A12-051	Benzo(k)fluoranthene	SO	100.000	J	100	420	ug/kg	1
0A12-051	Chrysene	SO	190.000	J	190	420	ug/kg	0.19
0A12-051	Dibenzo(a,h)anthracene	SO	0.000	U	210	420	ug/kg	210
0A12-051	Indeno(1,2,3-cd)pyrene	SO	81.000	J	81	420	ug/kg	8.1

'Samp_ID' = AUS-0A12-511-SS-0X_4/20/00_(0-0.5)Grab_DUP (7 detail records)

Toxic Equivalency Quotient (TEQ) : **408.29**

Samp_ID *AUS-0A12-512-SS-0X_4/20/00_(0-0.5)Grab_DUP*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A12-067	Benzo(a)anthracene	SO	0.000	U	0	510	ug/kg	0
0A12-067	Benzo(a)pyrene	SO	0.000	U	0	510	ug/kg	0
0A12-067	Benzo(b)fluoranthene	SO	0.000	U	0	510	ug/kg	0
0A12-067	Benzo(k)fluoranthene	SO	0.000	U	0	510	ug/kg	0
0A12-067	Chrysene	SO	0.000	U	0	510	ug/kg	0
0A12-067	Dibenzo(a,h)anthracene	SO	0.000	U	0	510	ug/kg	0
0A12-067	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	510	ug/kg	0

'Samp_ID' = AUS-0A12-512-SS-0X_4/20/00_(0-0.5)Grab_DUP (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-0A12-513-SS-0X_4/19/00_(0-0.5)Grab_DUP*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A12-076	Benzo(a)anthracene	SO	0.000	U	0	430	ug/kg	0
0A12-076	Benzo(a)pyrene	SO	0.000	U	0	430	ug/kg	0
0A12-076	Benzo(b)fluoranthene	SO	0.000	U	0	430	ug/kg	0
0A12-076	Benzo(k)fluoranthene	SO	0.000	U	0	430	ug/kg	0
0A12-076	Chrysene	SO	0.000	U	0	430	ug/kg	0
0A12-076	Dibenzo(a,h)anthracene	SO	0.000	U	0	430	ug/kg	0
0A12-076	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	430	ug/kg	0

'Samp_ID' = AUS-0A12-513-SS-0X_4/19/00_(0-0.5)Grab_DUP (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-0A12-514-SS-0X_4/19/00_(0-0.5)Grab_DUP*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A12-085	Benzo(a)anthracene	SO	0.000	U	0	450	ug/kg	0
0A12-085	Benzo(a)pyrene	SO	0.000	U	0	450	ug/kg	0
0A12-085	Benzo(b)fluoranthene	SO	0.000	U	0	450	ug/kg	0
0A12-085	Benzo(k)fluoranthene	SO	0.000	U	0	450	ug/kg	0
0A12-085	Chrysene	SO	0.000	U	0	450	ug/kg	0
0A12-085	Dibenzo(a,h)anthracene	SO	0.000	U	0	450	ug/kg	0
0A12-085	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	450	ug/kg	0

'Samp_ID' = AUS-0A12-514-SS-0X_4/19/00_(0-0.5)Grab_DUP (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID AUS-0A12-515-SS-0X_4/19/00_(0-0.5)Grab_DUP

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A12-094	Benzo(a)anthracene	SO	0.000	U	0	440	ug/kg	0
0A12-094	Benzo(a)pyrene	SO	0.000	U	0	440	ug/kg	0
0A12-094	Benzo(b)fluoranthene	SO	0.000	U	0	440	ug/kg	0
0A12-094	Benzo(k)fluoranthene	SO	0.000	U	0	440	ug/kg	0
0A12-094	Chrysene	SO	0.000	U	0	440	ug/kg	0
0A12-094	Dibenzo(a,h)anthracene	SO	0.000	U	0	440	ug/kg	0
0A12-094	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	440	ug/kg	0

'Samp_ID' = AUS-0A12-515-SS-0X_4/19/00_(0-0.5)Grab_DUP (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID AUS-0A12-W01-SS-0X_3/23/00_(0-0.5)Grab_NM

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A12-W01	Benzo(a)anthracene	SO	85.000	J	85	460	ug/kg	8.5
0A12-W01	Benzo(a)pyrene	SO	73.000	J	73	460	ug/kg	73
0A12-W01	Benzo(b)fluoranthene	SO	74.000	J	74	460	ug/kg	7.4
0A12-W01	Benzo(k)fluoranthene	SO	0.000	U	230	460	ug/kg	2.3
0A12-W01	Chrysene	SO	85.000	J	85	460	ug/kg	0.085
0A12-W01	Dibenzo(a,h)anthracene	SO	0.000	U	230	460	ug/kg	230
0A12-W01	Indeno(1,2,3-cd)pyrene	SO	0.000	U	230	460	ug/kg	23

'Samp_ID' = AUS-0A12-W01-SS-0X_3/23/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : **344.285**

Samp_ID *AUS-0A12-W01-SS-17_3/23/00_(17-17)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A12-W01	Benzo(a)anthracene	SO	0.000	U	0	400	ug/kg	0
0A12-W01	Benzo(a)pyrene	SO	0.000	U	0	400	ug/kg	0
0A12-W01	Benzo(b)fluoranthene	SO	0.000	U	0	400	ug/kg	0
0A12-W01	Benzo(k)fluoranthene	SO	0.000	U	0	400	ug/kg	0
0A12-W01	Chrysene	SO	0.000	U	0	400	ug/kg	0
0A12-W01	Dibenzo(a,h)anthracene	SO	0.000	U	0	400	ug/kg	0
0A12-W01	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	400	ug/kg	0

'Samp_ID' = AUS-0A12-W01-SS-17_3/23/00_(17-17)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-0A12-W02-SS-05_3/31/00_(5-5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A12-W02	Benzo(a)anthracene	SO	0.000	U	0	410	ug/kg	0
0A12-W02	Benzo(a)pyrene	SO	0.000	U	0	410	ug/kg	0
0A12-W02	Benzo(b)fluoranthene	SO	0.000	U	0	410	ug/kg	0
0A12-W02	Benzo(k)fluoranthene	SO	0.000	U	0	410	ug/kg	0
0A12-W02	Chrysene	SO	0.000	U	0	410	ug/kg	0
0A12-W02	Dibenzo(a,h)anthracene	SO	0.000	U	0	410	ug/kg	0
0A12-W02	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	410	ug/kg	0

'Samp_ID' = AUS-0A12-W02-SS-05_3/31/00_(5-5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-0A12-W02-SS-0X_3/24/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A12-W02	Benzo(a)anthracene	SO	0.000	U	0	430	ug/kg	0
0A12-W02	Benzo(a)pyrene	SO	0.000	U	0	430	ug/kg	0
0A12-W02	Benzo(b)fluoranthene	SO	0.000	U	0	430	ug/kg	0
0A12-W02	Benzo(k)fluoranthene	SO	0.000	U	0	430	ug/kg	0
0A12-W02	Chrysene	SO	0.000	U	0	430	ug/kg	0
0A12-W02	Dibenzo(a,h)anthracene	SO	0.000	U	0	430	ug/kg	0
0A12-W02	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	430	ug/kg	0

'Samp_ID' = AUS-0A12-W02-SS-0X_3/24/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-0A12-W02-SS-20_3/31/00_(20-20)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A12-W02	Benzo(a)anthracene	SO	0.000	U	0	400	ug/kg	0
0A12-W02	Benzo(a)pyrene	SO	0.000	U	0	400	ug/kg	0
0A12-W02	Benzo(b)fluoranthene	SO	0.000	U	0	400	ug/kg	0
0A12-W02	Benzo(k)fluoranthene	SO	0.000	U	0	400	ug/kg	0
0A12-W02	Chrysene	SO	0.000	U	0	400	ug/kg	0
0A12-W02	Dibenzo(a,h)anthracene	SO	0.000	U	0	400	ug/kg	0
0A12-W02	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	400	ug/kg	0

'Samp_ID' = AUS-0A12-W02-SS-20_3/31/00_(20-20)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-0A12-W51-SS-0X_3/24/00_(0-0.5)Grab_DUP*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A12-W02	Benzo(a)anthracene	SO	0.000	U	0	430	ug/kg	0
0A12-W02	Benzo(a)pyrene	SO	0.000	U	0	430	ug/kg	0
0A12-W02	Benzo(b)fluoranthene	SO	0.000	U	0	430	ug/kg	0
0A12-W02	Benzo(k)fluoranthene	SO	0.000	U	0	430	ug/kg	0
0A12-W02	Chrysene	SO	0.000	U	0	430	ug/kg	0
0A12-W02	Dibenzo(a,h)anthracene	SO	0.000	U	0	430	ug/kg	0
0A12-W02	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	430	ug/kg	0

'Samp_ID' = AUS-0A12-W51-SS-0X_3/24/00_(0-0.5)Grab_DUP (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-0A13-001-SS-0X_4/7/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A13-001	Benzo(a)anthracene	SO	0.000	U	0	420	ug/kg	0
0A13-001	Benzo(a)pyrene	SO	0.000	U	0	420	ug/kg	0
0A13-001	Benzo(b)fluoranthene	SO	0.000	U	0	420	ug/kg	0
0A13-001	Benzo(k)fluoranthene	SO	0.000	U	0	420	ug/kg	0
0A13-001	Chrysene	SO	0.000	U	0	420	ug/kg	0
0A13-001	Dibenzo(a,h)anthracene	SO	0.000	U	0	420	ug/kg	0
0A13-001	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	420	ug/kg	0

'Samp_ID' = AUS-0A13-001-SS-0X_4/7/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-0A13-002-SS-0X_4/7/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A13-002	Benzo(a)anthracene	SO	62.000	J	62	410	ug/kg	6.2
0A13-002	Benzo(a)pyrene	SO	67.000	J	67	410	ug/kg	67
0A13-002	Benzo(b)fluoranthene	SO	47.000	J	47	410	ug/kg	4.7
0A13-002	Benzo(k)fluoranthene	SO	82.000	J	82	410	ug/kg	0.82
0A13-002	Chrysene	SO	110.000	J	110	410	ug/kg	0.11
0A13-002	Dibenzo(a,h)anthracene	SO	0.000	U	205	410	ug/kg	205
0A13-002	Indeno(1,2,3-cd)pyrene	SO	0.000	U	205	410	ug/kg	20.5

'Samp_ID' = AUS-0A13-002-SS-0X_4/7/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : **304.33**

Samp_ID *AUS-0A13-003-SS-0X_4/6/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A13-003	Benzo(a)anthracene	SO	0.000	U	215	430	ug/kg	21.5
0A13-003	Benzo(a)pyrene	SO	0.000	U	215	430	ug/kg	215
0A13-003	Benzo(b)fluoranthene	SO	0.000	U	215	430	ug/kg	21.5
0A13-003	Benzo(k)fluoranthene	SO	0.000	U	215	430	ug/kg	2.15
0A13-003	Chrysene	SO	45.000	J	45	430	ug/kg	0.045
0A13-003	Dibenzo(a,h)anthracene	SO	0.000	U	215	430	ug/kg	215
0A13-003	Indeno(1,2,3-cd)pyrene	SO	0.000	U	215	430	ug/kg	21.5

'Samp_ID' = AUS-0A13-003-SS-0X_4/6/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : **496.695**

Samp_ID *AUS-0A13-004-SS-0X_4/6/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A13-004	Benzo(a)anthracene	SO	440.000		440	440	ug/kg	44
0A13-004	Benzo(a)pyrene	SO	570.000		570	440	ug/kg	570
0A13-004	Benzo(b)fluoranthene	SO	630.000		630	440	ug/kg	63
0A13-004	Benzo(k)fluoranthene	SO	640.000		640	440	ug/kg	6.4
0A13-004	Chrysene	SO	700.000		700	440	ug/kg	0.7
0A13-004	Dibenzo(a,h)anthracene	SO	160.000	J	160	440	ug/kg	160
0A13-004	Indeno(1,2,3-cd)pyrene	SO	340.000	J	340	440	ug/kg	34

'Samp_ID' = AUS-0A13-004-SS-0X_4/6/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : **878.1**

Samp_ID *AUS-0A13-005-SS-0X_4/6/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A13-005	Benzo(a)anthracene	SO	760.000		760	430	ug/kg	76
0A13-005	Benzo(a)pyrene	SO	640.000		640	430	ug/kg	640
0A13-005	Benzo(b)fluoranthene	SO	740.000		740	430	ug/kg	74
0A13-005	Benzo(k)fluoranthene	SO	740.000		740	430	ug/kg	7.4
0A13-005	Chrysene	SO	1200.000		1200	430	ug/kg	1.2
0A13-005	Dibenzo(a,h)anthracene	SO	280.000	J	280	430	ug/kg	280
0A13-005	Indeno(1,2,3-cd)pyrene	SO	480.000		480	430	ug/kg	48

'Samp_ID' = AUS-0A13-005-SS-0X_4/6/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : **1126.6**

Samp_ID *AUS-0A13-006-SS-0X_4/7/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A13-006	Benzo(a)anthracene	SO	0.000	U	0	460	ug/kg	0
0A13-006	Benzo(a)pyrene	SO	0.000	U	0	460	ug/kg	0
0A13-006	Benzo(b)fluoranthene	SO	0.000	U	0	460	ug/kg	0
0A13-006	Benzo(k)fluoranthene	SO	0.000	U	0	460	ug/kg	0
0A13-006	Chrysene	SO	0.000	U	0	460	ug/kg	0
0A13-006	Dibenzo(a,h)anthracene	SO	0.000	U	0	460	ug/kg	0
0A13-006	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	460	ug/kg	0

'Samp_ID' = AUS-0A13-006-SS-0X_4/7/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-0A13-007-SS-0X_4/7/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A13-007	Benzo(a)anthracene	SO	480.000		480	400	ug/kg	48
0A13-007	Benzo(a)pyrene	SO	420.000		420	400	ug/kg	420
0A13-007	Benzo(b)fluoranthene	SO	560.000		560	400	ug/kg	56
0A13-007	Benzo(k)fluoranthene	SO	550.000		550	400	ug/kg	5.5
0A13-007	Chrysene	SO	750.000		750	400	ug/kg	0.75
0A13-007	Dibenzo(a,h)anthracene	SO	140.000	J	140	400	ug/kg	140
0A13-007	Indeno(1,2,3-cd)pyrene	SO	300.000	J	300	400	ug/kg	30

'Samp_ID' = AUS-0A13-007-SS-0X_4/7/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : **700.25**

Samp_ID *AUS-0A13-008-SS-0X_4/6/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A13-008	Benzo(a)anthracene	SO	440.000		440	410	ug/kg	44
0A13-008	Benzo(a)pyrene	SO	440.000		440	410	ug/kg	440
0A13-008	Benzo(b)fluoranthene	SO	600.000		600	410	ug/kg	60
0A13-008	Benzo(k)fluoranthene	SO	410.000		410	410	ug/kg	4.1
0A13-008	Chrysene	SO	620.000		620	410	ug/kg	0.62
0A13-008	Dibenzo(a,h)anthracene	SO	0.000	U	205	410	ug/kg	205
0A13-008	Indeno(1,2,3-cd)pyrene	SO	240.000	J	240	410	ug/kg	24

'Samp_ID' = AUS-0A13-008-SS-0X_4/6/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : 777.72

Samp_ID *AUS-0A13-009-SS-0X_4/7/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A13-009	Benzo(a)anthracene	SO	0.000	U	0	460	ug/kg	0
0A13-009	Benzo(a)pyrene	SO	0.000	U	0	460	ug/kg	0
0A13-009	Benzo(b)fluoranthene	SO	0.000	U	0	460	ug/kg	0
0A13-009	Benzo(k)fluoranthene	SO	0.000	U	0	460	ug/kg	0
0A13-009	Chrysene	SO	0.000	U	0	460	ug/kg	0
0A13-009	Dibenzo(a,h)anthracene	SO	0.000	U	0	460	ug/kg	0
0A13-009	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	460	ug/kg	0

'Samp_ID' = AUS-0A13-009-SS-0X_4/7/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID AUS-0A13-010-SS-0X_4/7/00_(0-0.5)Grab_NM

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A13-010	Benzo(a)anthracene	SO	52.000	J	52	440	ug/kg	5.2
0A13-010	Benzo(a)pyrene	SO	58.000	J	58	440	ug/kg	58
0A13-010	Benzo(b)fluoranthene	SO	91.000	J	91	440	ug/kg	9.1
0A13-010	Benzo(k)fluoranthene	SO	79.000	J	79	440	ug/kg	0.79
0A13-010	Chrysene	SO	100.000	J	100	440	ug/kg	0.1
0A13-010	Dibenzo(a,h)anthracene	SO	0.000	U	220	440	ug/kg	220
0A13-010	Indeno(1,2,3-cd)pyrene	SO	0.000	U	220	440	ug/kg	22

'Samp_ID' = AUS-0A13-010-SS-0X_4/7/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : **315.19**

Samp_ID AUS-0A13-011-SS-0X_4/6/00_(0-0.5)Grab_NM

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A13-011	Benzo(a)anthracene	SO	0.000	U	0	480	ug/kg	0
0A13-011	Benzo(a)pyrene	SO	0.000	U	0	480	ug/kg	0
0A13-011	Benzo(b)fluoranthene	SO	0.000	U	0	480	ug/kg	0
0A13-011	Benzo(k)fluoranthene	SO	0.000	U	0	480	ug/kg	0
0A13-011	Chrysene	SO	0.000	U	0	480	ug/kg	0
0A13-011	Dibenzo(a,h)anthracene	SO	0.000	U	0	480	ug/kg	0
0A13-011	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	480	ug/kg	0

'Samp_ID' = AUS-0A13-011-SS-0X_4/6/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-0A13-012-SS-0X_4/6/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A13-012	Benzo(a)anthracene	SO	0.000	U	180	360	ug/kg	18
0A13-012	Benzo(a)pyrene	SO	0.000	U	180	360	ug/kg	180
0A13-012	Benzo(b)fluoranthene	SO	0.000	U	180	360	ug/kg	18
0A13-012	Benzo(k)fluoranthene	SO	0.000	U	180	360	ug/kg	1.8
0A13-012	Chrysene	SO	61.000	J	61	360	ug/kg	0.061
0A13-012	Dibenzo(a,h)anthracene	SO	0.000	U	180	360	ug/kg	180
0A13-012	Indeno(1,2,3-cd)pyrene	SO	0.000	U	180	360	ug/kg	18

'Samp_ID' = AUS-0A13-012-SS-0X_4/6/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : 415.861

Samp_ID *AUS-0A13-013-SS-0X_4/6/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A13-013	Benzo(a)anthracene	SO	0.000	U	0	440	ug/kg	0
0A13-013	Benzo(a)pyrene	SO	0.000	U	0	440	ug/kg	0
0A13-013	Benzo(b)fluoranthene	SO	0.000	U	0	440	ug/kg	0
0A13-013	Benzo(k)fluoranthene	SO	0.000	U	0	440	ug/kg	0
0A13-013	Chrysene	SO	0.000	U	0	440	ug/kg	0
0A13-013	Dibenzo(a,h)anthracene	SO	0.000	U	0	440	ug/kg	0
0A13-013	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	440	ug/kg	0

'Samp_ID' = AUS-0A13-013-SS-0X_4/6/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-0A13-014-SS-0X_4/6/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A13-014	Benzo(a)anthracene	SO	400.000	J	400	430	ug/kg	40
0A13-014	Benzo(a)pyrene	SO	480.000		480	430	ug/kg	480
0A13-014	Benzo(b)fluoranthene	SO	780.000		780	430	ug/kg	78
0A13-014	Benzo(k)fluoranthene	SO	510.000		510	430	ug/kg	5.1
0A13-014	Chrysene	SO	530.000		530	430	ug/kg	0.53
0A13-014	Dibenzo(a,h)anthracene	SO	150.000	J	150	430	ug/kg	150
0A13-014	Indeno(1,2,3-cd)pyrene	SO	280.000	J	280	430	ug/kg	28

'Samp_ID' = AUS-0A13-014-SS-0X_4/6/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : **781.63**

Samp_ID *AUS-0A13-015-SS-0X_4/6/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A13-015	Benzo(a)anthracene	SO	76.000	J	76	430	ug/kg	7.6
0A13-015	Benzo(a)pyrene	SO	78.000	J	78	430	ug/kg	78
0A13-015	Benzo(b)fluoranthene	SO	130.000	J	130	430	ug/kg	13
0A13-015	Benzo(k)fluoranthene	SO	74.000	J	74	430	ug/kg	0.74
0A13-015	Chrysene	SO	95.000	J	95	430	ug/kg	0.095
0A13-015	Dibenzo(a,h)anthracene	SO	0.000	U	215	430	ug/kg	215
0A13-015	Indeno(1,2,3-cd)pyrene	SO	0.000	U	215	430	ug/kg	21.5

'Samp_ID' = AUS-0A13-015-SS-0X_4/6/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : **335.935**

Samp_ID AUS-0A13-016-SS-0X_4/6/00_(0-0.5)Grab_NM

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A13-016	Benzo(a)anthracene	SO	350.000	J	350	510	ug/kg	35
0A13-016	Benzo(a)pyrene	SO	360.000	J	360	510	ug/kg	360
0A13-016	Benzo(b)fluoranthene	SO	470.000	J	470	510	ug/kg	47
0A13-016	Benzo(k)fluoranthene	SO	340.000	J	340	510	ug/kg	3.4
0A13-016	Chrysene	SO	470.000	J	470	510	ug/kg	0.47
0A13-016	Dibenzo(a,h)anthracene	SO	0.000	U	255	510	ug/kg	255
0A13-016	Indeno(1,2,3-cd)pyrene	SO	180.000	J	180	510	ug/kg	18

'Samp_ID' = AUS-0A13-016-SS-0X_4/6/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : 718.87

Samp_ID AUS-0A13-017-SS-0X_4/6/00_(0-0.5)Grab_NM

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A13-017	Benzo(a)anthracene	SO	0.000	U	0	410	ug/kg	0
0A13-017	Benzo(a)pyrene	SO	0.000	U	0	410	ug/kg	0
0A13-017	Benzo(b)fluoranthene	SO	0.000	U	0	410	ug/kg	0
0A13-017	Benzo(k)fluoranthene	SO	0.000	U	0	410	ug/kg	0
0A13-017	Chrysene	SO	0.000	U	0	410	ug/kg	0
0A13-017	Dibenzo(a,h)anthracene	SO	0.000	U	0	410	ug/kg	0
0A13-017	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	410	ug/kg	0

'Samp_ID' = AUS-0A13-017-SS-0X_4/6/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-0A13-018-SS-0X_4/6/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A13-018	Benzo(a)anthracene	SO	250.000	J	250	430	ug/kg	25
0A13-018	Benzo(a)pyrene	SO	310.000	J	310	430	ug/kg	310
0A13-018	Benzo(b)fluoranthene	SO	460.000		460	430	ug/kg	46
0A13-018	Benzo(k)fluoranthene	SO	330.000	J	330	430	ug/kg	3.3
0A13-018	Chrysene	SO	390.000	J	390	430	ug/kg	0.39
0A13-018	Dibenzo(a,h)anthracene	SO	0.000	U	215	430	ug/kg	215
0A13-018	Indeno(1,2,3-cd)pyrene	SO	180.000	J	180	430	ug/kg	18

'Samp_ID' = AUS-0A13-018-SS-0X_4/6/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : **617.69**

Samp_ID *AUS-0A13-019-SS-0X_4/6/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A13-019	Benzo(a)anthracene	SO	0.000	U	0	430	ug/kg	0
0A13-019	Benzo(a)pyrene	SO	0.000	U	0	430	ug/kg	0
0A13-019	Benzo(b)fluoranthene	SO	0.000	U	0	430	ug/kg	0
0A13-019	Benzo(k)fluoranthene	SO	0.000	U	0	430	ug/kg	0
0A13-019	Chrysene	SO	0.000	U	0	430	ug/kg	0
0A13-019	Dibenzo(a,h)anthracene	SO	0.000	U	0	430	ug/kg	0
0A13-019	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	430	ug/kg	0

'Samp_ID' = AUS-0A13-019-SS-0X_4/6/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-0A13-020-SS-0X_4/5/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A13-020	Benzo(a)anthracene	SO	0.000	U	225	450	ug/kg	22.5
0A13-020	Benzo(a)pyrene	SO	59.000	J	59	450	ug/kg	59
0A13-020	Benzo(b)fluoranthene	SO	68.000	J	68	450	ug/kg	6.8
0A13-020	Benzo(k)fluoranthene	SO	59.000	J	59	450	ug/kg	0.59
0A13-020	Chrysene	SO	66.000	J	66	450	ug/kg	0.066
0A13-020	Dibenzo(a,h)anthracene	SO	0.000	U	225	450	ug/kg	225
0A13-020	Indeno(1,2,3-cd)pyrene	SO	0.000	U	225	450	ug/kg	22.5

'Samp_ID' = AUS-0A13-020-SS-0X_4/5/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : **336.456**

Samp_ID *AUS-0A13-021-SS-0X_4/6/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A13-021	Benzo(a)anthracene	SO	0.000	U	215	430	ug/kg	21.5
0A13-021	Benzo(a)pyrene	SO	0.000	U	215	430	ug/kg	215
0A13-021	Benzo(b)fluoranthene	SO	47.000	J	47	430	ug/kg	4.7
0A13-021	Benzo(k)fluoranthene	SO	0.000	U	215	430	ug/kg	2.15
0A13-021	Chrysene	SO	0.000	U	215	430	ug/kg	0.215
0A13-021	Dibenzo(a,h)anthracene	SO	0.000	U	215	430	ug/kg	215
0A13-021	Indeno(1,2,3-cd)pyrene	SO	0.000	U	215	430	ug/kg	21.5

'Samp_ID' = AUS-0A13-021-SS-0X_4/6/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : **480.065**

Samp_ID AUS-0A13-022-SS-0X_4/6/00_(0-0.5)Grab_NM

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A13-022	Benzo(a)anthracene	SO	0.000	U	0	430	ug/kg	0
0A13-022	Benzo(a)pyrene	SO	0.000	U	0	430	ug/kg	0
0A13-022	Benzo(b)fluoranthene	SO	0.000	U	0	430	ug/kg	0
0A13-022	Benzo(k)fluoranthene	SO	0.000	U	0	430	ug/kg	0
0A13-022	Chrysene	SO	0.000	U	0	430	ug/kg	0
0A13-022	Dibenzo(a,h)anthracene	SO	0.000	U	0	430	ug/kg	0
0A13-022	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	430	ug/kg	0

'Samp_ID' = AUS-0A13-022-SS-0X_4/6/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID AUS-0A13-023-SS-0X_4/6/00_(0-0.5)Grab_NM

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A13-023	Benzo(a)anthracene	SO	110.000	J	110	440	ug/kg	11
0A13-023	Benzo(a)pyrene	SO	130.000	J	130	440	ug/kg	130
0A13-023	Benzo(b)fluoranthene	SO	160.000	J	160	440	ug/kg	16
0A13-023	Benzo(k)fluoranthene	SO	160.000	J	160	440	ug/kg	1.6
0A13-023	Chrysene	SO	160.000	J	160	440	ug/kg	0.16
0A13-023	Dibenzo(a,h)anthracene	SO	0.000	U	220	440	ug/kg	220
0A13-023	Indeno(1,2,3-cd)pyrene	SO	72.000	J	72	440	ug/kg	7.2

'Samp_ID' = AUS-0A13-023-SS-0X_4/6/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : 385.96

Samp_ID *AUS-0A13-024-SS-0X_4/6/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A13-024	Benzo(a)anthracene	SO	70.000	J	70	420	ug/kg	7
0A13-024	Benzo(a)pyrene	SO	65.000	J	65	420	ug/kg	65
0A13-024	Benzo(b)fluoranthene	SO	86.000	J	86	420	ug/kg	8.6
0A13-024	Benzo(k)fluoranthene	SO	55.000	J	55	420	ug/kg	0.55
0A13-024	Chrysene	SO	81.000	J	81	420	ug/kg	0.081
0A13-024	Dibenzo(a,h)anthracene	SO	0.000	U	210	420	ug/kg	210
0A13-024	Indeno(1,2,3-cd)pyrene	SO	0.000	U	210	420	ug/kg	21

'Samp_ID' = AUS-0A13-024-SS-0X_4/6/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : 312.231

Samp_ID *AUS-0A13-025-SS-0X_4/6/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A13-025	Benzo(a)anthracene	SO	0.000	U	0	440	ug/kg	0
0A13-025	Benzo(a)pyrene	SO	0.000	U	0	440	ug/kg	0
0A13-025	Benzo(b)fluoranthene	SO	0.000	U	0	440	ug/kg	0
0A13-025	Benzo(k)fluoranthene	SO	0.000	U	0	440	ug/kg	0
0A13-025	Chrysene	SO	0.000	U	0	440	ug/kg	0
0A13-025	Dibenzo(a,h)anthracene	SO	0.000	U	0	440	ug/kg	0
0A13-025	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	440	ug/kg	0

'Samp_ID' = AUS-0A13-025-SS-0X_4/6/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-0A13-026-SS-0X_4/5/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A13-026	Benzo(a)anthracene	SO	130.000	J	130	520	ug/kg	13
0A13-026	Benzo(a)pyrene	SO	140.000	J	140	520	ug/kg	140
0A13-026	Benzo(b)fluoranthene	SO	150.000	J	150	520	ug/kg	15
0A13-026	Benzo(k)fluoranthene	SO	140.000	J	140	520	ug/kg	1.4
0A13-026	Chrysene	SO	190.000	J	190	520	ug/kg	0.19
0A13-026	Dibenzo(a,h)anthracene	SO	0.000	U	260	520	ug/kg	260
0A13-026	Indeno(1,2,3-cd)pyrene	SO	74.000	J	74	520	ug/kg	7.4

'Samp_ID' = AUS-0A13-026-SS-0X_4/5/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : 436.99

Samp_ID *AUS-0A13-027-SS-0X_4/5/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A13-027	Benzo(a)anthracene	SO	680.000		680	460	ug/kg	68
0A13-027	Benzo(a)pyrene	SO	670.000		670	460	ug/kg	670
0A13-027	Benzo(b)fluoranthene	SO	760.000		760	460	ug/kg	76
0A13-027	Benzo(k)fluoranthene	SO	740.000		740	460	ug/kg	7.4
0A13-027	Chrysene	SO	1000.000		1000	460	ug/kg	1
0A13-027	Dibenzo(a,h)anthracene	SO	220.000	J	220	460	ug/kg	220
0A13-027	Indeno(1,2,3-cd)pyrene	SO	390.000	J	390	460	ug/kg	39

'Samp_ID' = AUS-0A13-027-SS-0X_4/5/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : 1081.4

Samp_ID *AUS-0A13-028-SS-0X_4/5/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A13-028	Benzo(a)anthracene	SO	0.000	U	0	420	ug/kg	0
0A13-028	Benzo(a)pyrene	SO	0.000	U	0	420	ug/kg	0
0A13-028	Benzo(b)fluoranthene	SO	0.000	U	0	420	ug/kg	0
0A13-028	Benzo(k)fluoranthene	SO	0.000	U	0	420	ug/kg	0
0A13-028	Chrysene	SO	0.000	U	0	420	ug/kg	0
0A13-028	Dibenzo(a,h)anthracene	SO	0.000	U	0	420	ug/kg	0
0A13-028	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	420	ug/kg	0

'Samp_ID' = AUS-0A13-028-SS-0X_4/5/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-0A13-029-SS-0X_4/5/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A13-029	Benzo(a)anthracene	SO	5500.000		5500	1400	ug/kg	550
0A13-029	Benzo(a)pyrene	SO	5300.000		5300	1400	ug/kg	5300
0A13-029	Benzo(b)fluoranthene	SO	6700.000		6700	1400	ug/kg	670
0A13-029	Benzo(k)fluoranthene	SO	5900.000		5900	1400	ug/kg	59
0A13-029	Chrysene	SO	7800.000		7800	1400	ug/kg	7.8
0A13-029	Dibenzo(a,h)anthracene	SO	1900.000		1900	1400	ug/kg	1900
0A13-029	Indeno(1,2,3-cd)pyrene	SO	3800.000		3800	1400	ug/kg	380

'Samp_ID' = AUS-0A13-029-SS-0X_4/5/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : **8866.8**

Samp_ID	AUS-0A13-030-SS-0X_4/5/00_(0-0.5)Grab_NM

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A13-030	Benzo(a)anthracene	SO	150.000	J	150	1400	ug/kg	15
0A13-030	Benzo(a)pyrene	SO	190.000	J	190	1400	ug/kg	190
0A13-030	Benzo(b)fluoranthene	SO	170.000	J	170	1400	ug/kg	17
0A13-030	Benzo(k)fluoranthene	SO	200.000	J	200	1400	ug/kg	2
0A13-030	Chrysene	SO	230.000	J	230	1400	ug/kg	0.23
0A13-030	Dibenzo(a,h)anthracene	SO	0.000	U	230	460	ug/kg	230
0A13-030	Indeno(1,2,3-cd)pyrene	SO	98.000	J	98	460	ug/kg	9.8

'Samp_ID' = AUS-0A13-030-SS-0X_4/5/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : 464.03

Samp_ID	AUS-0A13-031-SS-0X_4/5/00_(0-0.5)Grab_NM

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A13-031	Benzo(a)anthracene	SO	0.000	U	0	410	ug/kg	0
0A13-031	Benzo(a)pyrene	SO	0.000	U	0	410	ug/kg	0
0A13-031	Benzo(b)fluoranthene	SO	0.000	U	0	410	ug/kg	0
0A13-031	Benzo(k)fluoranthene	SO	0.000	U	0	410	ug/kg	0
0A13-031	Chrysene	SO	0.000	U	0	410	ug/kg	0
0A13-031	Dibenzo(a,h)anthracene	SO	0.000	U	0	410	ug/kg	0
0A13-031	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	410	ug/kg	0

'Samp_ID' = AUS-0A13-031-SS-0X_4/5/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-0A13-501-SS-0X_4/6/00_(0-0.5)Grab_DUP*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A13-003	Benzo(a)anthracene	SO	100.000	J	100	420	ug/kg	10
0A13-003	Benzo(a)pyrene	SO	130.000	J	130	420	ug/kg	130
0A13-003	Benzo(b)fluoranthene	SO	160.000	J	160	420	ug/kg	16
0A13-003	Benzo(k)fluoranthene	SO	130.000	J	130	420	ug/kg	1.3
0A13-003	Chrysene	SO	190.000	J	190	420	ug/kg	0.19
0A13-003	Dibenzo(a,h)anthracene	SO	0.000	U	210	420	ug/kg	210
0A13-003	Indeno(1,2,3-cd)pyrene	SO	88.000	J	88	420	ug/kg	8.8

'Samp_ID' = AUS-0A13-501-SS-0X_4/6/00_(0-0.5)Grab_DUP (7 detail records)

Toxic Equivalency Quotient (TEQ) : **376.29**

Samp_ID *AUS-0A13-502-SS-0X_4/6/00_(0-0.5)Grab_DUP*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A13-012	Benzo(a)anthracene	SO	0.000	U	180	360	ug/kg	18
0A13-012	Benzo(a)pyrene	SO	0.000	U	180	360	ug/kg	180
0A13-012	Benzo(b)fluoranthene	SO	0.000	U	180	360	ug/kg	18
0A13-012	Benzo(k)fluoranthene	SO	0.000	U	180	360	ug/kg	1.8
0A13-012	Chrysene	SO	45.000	J	45	360	ug/kg	0.045
0A13-012	Dibenzo(a,h)anthracene	SO	0.000	U	180	360	ug/kg	180
0A13-012	Indeno(1,2,3-cd)pyrene	SO	0.000	U	180	360	ug/kg	18

'Samp_ID' = AUS-0A13-502-SS-0X_4/6/00_(0-0.5)Grab_DUP (7 detail records)

Toxic Equivalency Quotient (TEQ) : **415.845**

Samp_ID *AUS-0A13-503-SS-0X_4/5/00_(0-0.5)Grab_DUP*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A13-020	Benzo(a)anthracene	SO	69.000	J	69	430	ug/kg	6.9
0A13-020	Benzo(a)pyrene	SO	70.000	J	70	430	ug/kg	70
0A13-020	Benzo(b)fluoranthene	SO	89.000	J	89	430	ug/kg	8.9
0A13-020	Benzo(k)fluoranthene	SO	110.000	J	110	430	ug/kg	1.1
0A13-020	Chrysene	SO	130.000	J	130	430	ug/kg	0.13
0A13-020	Dibenzo(a,h)anthracene	SO	0.000	U	215	430	ug/kg	215
0A13-020	Indeno(1,2,3-cd)pyrene	SO	0.000	U	215	430	ug/kg	21.5

'Samp_ID' = AUS-0A13-503-SS-0X_4/5/00_(0-0.5)Grab_DUP (7 detail records)

Toxic Equivalency Quotient (TEQ) : **323.53**

Samp_ID *AUS-0A2B-001-SD-0X_3/22/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A2B-001	Benzo(a)anthracene	SO	0.000	U	290	580	ug/kg	29
0A2B-001	Benzo(a)pyrene	SO	0.000	U	290	580	ug/kg	290
0A2B-001	Benzo(b)fluoranthene	SO	0.000	U	290	580	ug/kg	29
0A2B-001	Benzo(k)fluoranthene	SO	0.000	U	290	580	ug/kg	2.9
0A2B-001	Chrysene	SO	0.000	U	290	580	ug/kg	0.29
0A2B-001	Dibenzo(a,h)anthracene	SO	0.000	U	290	580	ug/kg	290
0A2B-001	Indeno(1,2,3-cd)pyrene	SO	0.000	U	290	580	ug/kg	29

'Samp_ID' = AUS-0A2B-001-SD-0X_3/22/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : **670.19**

Samp_ID *AUS-0A2B-002-DRUM_3/22/00_(0-0)Grab_NM*

LOC_ID	***Analyte***	***Matrix***	***Result***	***Lab Flag***	***ResUse***	***RDL***	***Units***	***Toxic Equivalent***
0A2B-002	Benzo(a)anthracene	DR	0.000	U	0	430	ug/kg	0
0A2B-002	Benzo(a)pyrene	DR	0.000	U	0	430	ug/kg	0
0A2B-002	Benzo(b)fluoranthene	DR	0.000	U	0	430	ug/kg	0
0A2B-002	Benzo(k)fluoranthene	DR	0.000	U	0	430	ug/kg	0
0A2B-002	Chrysene	DR	0.000	U	0	430	ug/kg	0
0A2B-002	Dibenzo(a,h)anthracene	DR	0.000	U	0	430	ug/kg	0
0A2B-002	Indeno(1,2,3-cd)pyrene	DR	0.000	U	0	430	ug/kg	0

'Samp_ID' = AUS-0A2B-002-DRUM_3/22/00_(0-0)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-0A2B-002-SS-0X_3/22/00_(0-0.5)Grab_NM*

LOC_ID	***Analyte***	***Matrix***	***Result***	***Lab Flag***	***ResUse***	***RDL***	***Units***	***Toxic Equivalent***
0A2B-002	Benzo(a)anthracene	SO	0.000	U	0	420	ug/kg	0
0A2B-002	Benzo(a)pyrene	SO	0.000	U	0	420	ug/kg	0
0A2B-002	Benzo(b)fluoranthene	SO	0.000	U	0	420	ug/kg	0
0A2B-002	Benzo(k)fluoranthene	SO	0.000	U	0	420	ug/kg	0
0A2B-002	Chrysene	SO	0.000	U	0	420	ug/kg	0
0A2B-002	Dibenzo(a,h)anthracene	SO	0.000	U	0	420	ug/kg	0
0A2B-002	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	420	ug/kg	0

'Samp_ID' = AUS-0A2B-002-SS-0X_3/22/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-0A2B-003-SS-0X_3/22/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A2B-003	Benzo(a)anthracene	SO	290.000	J	290	380	ug/kg	29
0A2B-003	Benzo(a)pyrene	SO	280.000	J	280	380	ug/kg	280
0A2B-003	Benzo(b)fluoranthene	SO	410.000		410	380	ug/kg	41
0A2B-003	Benzo(k)fluoranthene	SO	170.000	J	170	380	ug/kg	1.7
0A2B-003	Chrysene	SO	350.000	J	350	380	ug/kg	0.35
0A2B-003	Dibenzo(a,h)anthracene	SO	50.000	J	50	380	ug/kg	50
0A2B-003	Indeno(1,2,3-cd)pyrene	SO	190.000	J	190	380	ug/kg	19

'Samp_ID' = AUS-0A2B-003-SS-0X_3/22/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : **421.05**

Samp_ID *AUS-0A2B-004-SD-0X_3/20/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A2B-004	Benzo(a)anthracene	SO	71.000	J	71	600	ug/kg	7.1
0A2B-004	Benzo(a)pyrene	SO	75.000	J	75	600	ug/kg	75
0A2B-004	Benzo(b)fluoranthene	SO	82.000	J	82	600	ug/kg	8.2
0A2B-004	Benzo(k)fluoranthene	SO	92.000	J	92	600	ug/kg	0.92
0A2B-004	Chrysene	SO	86.000	J	86	600	ug/kg	0.086
0A2B-004	Dibenzo(a,h)anthracene	SO	0.000	U	300	600	ug/kg	300
0A2B-004	Indeno(1,2,3-cd)pyrene	SO	0.000	U	300	600	ug/kg	30

'Samp_ID' = AUS-0A2B-004-SD-0X_3/20/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : **421.306**

Samp_ID *AUS-0A2B-005-SS-0X_3/22/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A2B-005	Benzo(a)anthracene	SO	48.000	J	48	440	ug/kg	4.8
0A2B-005	Benzo(a)pyrene	SO	46.000	J	46	440	ug/kg	46
0A2B-005	Benzo(b)fluoranthene	SO	120.000	J	120	440	ug/kg	12
0A2B-005	Benzo(k)fluoranthene	SO	0.000	U	220	440	ug/kg	2.2
0A2B-005	Chrysene	SO	71.000	J	71	440	ug/kg	0.071
0A2B-005	Dibenzo(a,h)anthracene	SO	0.000	U	220	440	ug/kg	220
0A2B-005	Indeno(1,2,3-cd)pyrene	SO	0.000	U	220	440	ug/kg	22

'Samp_ID' = AUS-0A2B-005-SS-0X_3/22/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : **307.071**

Samp_ID *AUS-0A2B-006-SS-0X_3/21/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A2B-006	Benzo(a)anthracene	SO	0.000	U	0	430	ug/kg	0
0A2B-006	Benzo(a)pyrene	SO	0.000	U	0	430	ug/kg	0
0A2B-006	Benzo(b)fluoranthene	SO	0.000	U	0	430	ug/kg	0
0A2B-006	Benzo(k)fluoranthene	SO	0.000	U	0	430	ug/kg	0
0A2B-006	Chrysene	SO	0.000	U	0	430	ug/kg	0
0A2B-006	Dibenzo(a,h)anthracene	SO	0.000	U	0	430	ug/kg	0
0A2B-006	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	430	ug/kg	0

'Samp_ID' = AUS-0A2B-006-SS-0X_3/21/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-0A2B-007-SD-0X_3/21/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A2B-007	Benzo(a)anthracene	SO	0.000	U	0	450	ug/kg	0
0A2B-007	Benzo(a)pyrene	SO	0.000	U	0	450	ug/kg	0
0A2B-007	Benzo(b)fluoranthene	SO	0.000	U	0	450	ug/kg	0
0A2B-007	Benzo(k)fluoranthene	SO	0.000	U	0	450	ug/kg	0
0A2B-007	Chrysene	SO	0.000	U	0	450	ug/kg	0
0A2B-007	Dibenzo(a,h)anthracene	SO	0.000	U	0	450	ug/kg	0
0A2B-007	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	450	ug/kg	0

'Samp_ID' = AUS-0A2B-007-SD-0X_3/21/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-0A2B-008-SD-0X_3/21/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A2B-008	Benzo(a)anthracene	SO	0.000	U	0	490	ug/kg	0
0A2B-008	Benzo(a)pyrene	SO	0.000	U	0	490	ug/kg	0
0A2B-008	Benzo(b)fluoranthene	SO	0.000	U	0	490	ug/kg	0
0A2B-008	Benzo(k)fluoranthene	SO	0.000	U	0	490	ug/kg	0
0A2B-008	Chrysene	SO	0.000	U	0	490	ug/kg	0
0A2B-008	Dibenzo(a,h)anthracene	SO	0.000	U	0	490	ug/kg	0
0A2B-008	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	490	ug/kg	0

'Samp_ID' = AUS-0A2B-008-SD-0X_3/21/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-0A2B-009-SS-0X_3/21/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A2B-009	Benzo(a)anthracene	SO	0.000	U	0	570	ug/kg	0
0A2B-009	Benzo(a)pyrene	SO	0.000	U	0	570	ug/kg	0
0A2B-009	Benzo(b)fluoranthene	SO	0.000	U	0	570	ug/kg	0
0A2B-009	Benzo(k)fluoranthene	SO	0.000	U	0	570	ug/kg	0
0A2B-009	Chrysene	SO	0.000	U	0	570	ug/kg	0
0A2B-009	Dibenzo(a,h)anthracene	SO	0.000	U	0	570	ug/kg	0
0A2B-009	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	570	ug/kg	0

'Samp_ID' = AUS-0A2B-009-SS-0X_3/21/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-0A2B-010-SS-0X_3/21/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A2B-010	Benzo(a)anthracene	SO	0.000	U	210	420	ug/kg	21
0A2B-010	Benzo(a)pyrene	SO	0.000	U	210	420	ug/kg	210
0A2B-010	Benzo(b)fluoranthene	SO	46.000	J	46	420	ug/kg	4.6
0A2B-010	Benzo(k)fluoranthene	SO	0.000	U	210	420	ug/kg	2.1
0A2B-010	Chrysene	SO	0.000	U	210	420	ug/kg	0.21
0A2B-010	Dibenzo(a,h)anthracene	SO	0.000	U	210	420	ug/kg	210
0A2B-010	Indeno(1,2,3-cd)pyrene	SO	0.000	U	210	420	ug/kg	21

'Samp_ID' = AUS-0A2B-010-SS-0X_3/21/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : **468.91**

Samp_ID *AUS-0A2B-011-SS-0X_3/22/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A2B-011	Benzo(a)anthracene	SO	0.000	U	0	460	ug/kg	0
0A2B-011	Benzo(a)pyrene	SO	0.000	U	0	460	ug/kg	0
0A2B-011	Benzo(b)fluoranthene	SO	0.000	U	0	460	ug/kg	0
0A2B-011	Benzo(k)fluoranthene	SO	0.000	U	0	460	ug/kg	0
0A2B-011	Chrysene	SO	0.000	U	0	460	ug/kg	0
0A2B-011	Dibenzo(a,h)anthracene	SO	0.000	U	0	460	ug/kg	0
0A2B-011	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	460	ug/kg	0

'Samp_ID' = AUS-0A2B-011-SS-0X_3/22/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-0A2B-012-SD-0X_3/21/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A2B-012	Benzo(a)anthracene	SO	170.000	J	170	510	ug/kg	17
0A2B-012	Benzo(a)pyrene	SO	150.000	J	150	510	ug/kg	150
0A2B-012	Benzo(b)fluoranthene	SO	270.000	J	270	510	ug/kg	27
0A2B-012	Benzo(k)fluoranthene	SO	87.000	J	87	510	ug/kg	0.87
0A2B-012	Chrysene	SO	230.000	J	230	510	ug/kg	0.23
0A2B-012	Dibenzo(a,h)anthracene	SO	0.000	U	255	510	ug/kg	255
0A2B-012	Indeno(1,2,3-cd)pyrene	SO	100.000	J	100	510	ug/kg	10

'Samp_ID' = AUS-0A2B-012-SD-0X_3/21/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : **460.1**

Samp_ID *AUS-0A2B-013-SS-0X_3/21/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A2B-013	Benzo(a)anthracene	SO	0.000	U	0	420	ug/kg	0
0A2B-013	Benzo(a)pyrene	SO	0.000	U	0	420	ug/kg	0
0A2B-013	Benzo(b)fluoranthene	SO	0.000	U	0	420	ug/kg	0
0A2B-013	Benzo(k)fluoranthene	SO	0.000	U	0	420	ug/kg	0
0A2B-013	Chrysene	SO	0.000	U	0	420	ug/kg	0
0A2B-013	Dibenzo(a,h)anthracene	SO	0.000	U	0	420	ug/kg	0
0A2B-013	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	420	ug/kg	0

'Samp_ID' = AUS-0A2B-013-SS-0X_3/21/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-0A2B-014-SD-0X_3/21/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A2B-014	Benzo(a)anthracene	SO	0.000	U	0	480	ug/kg	0
0A2B-014	Benzo(a)pyrene	SO	0.000	U	0	480	ug/kg	0
0A2B-014	Benzo(b)fluoranthene	SO	0.000	U	0	480	ug/kg	0
0A2B-014	Benzo(k)fluoranthene	SO	0.000	U	0	480	ug/kg	0
0A2B-014	Chrysene	SO	0.000	U	0	480	ug/kg	0
0A2B-014	Dibenzo(a,h)anthracene	SO	0.000	U	0	480	ug/kg	0
0A2B-014	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	480	ug/kg	0

'Samp_ID' = AUS-0A2B-014-SD-0X_3/21/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-0A2B-015-SD-0X_3/23/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A2B-015	Benzo(a)anthracene	SO	0.000	U	0	550	ug/kg	0
0A2B-015	Benzo(a)pyrene	SO	0.000	U	0	550	ug/kg	0
0A2B-015	Benzo(b)fluoranthene	SO	0.000	U	0	550	ug/kg	0
0A2B-015	Benzo(k)fluoranthene	SO	0.000	U	0	550	ug/kg	0
0A2B-015	Chrysene	SO	0.000	U	0	550	ug/kg	0
0A2B-015	Dibenzo(a,h)anthracene	SO	0.000	U	0	550	ug/kg	0
0A2B-015	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	550	ug/kg	0

'Samp_ID' = AUS-0A2B-015-SD-0X_3/23/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-0A2B-016-SD-0X_3/22/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A2B-016	Benzo(a)anthracene	SO	0.000	U	0	510	ug/kg	0
0A2B-016	Benzo(a)pyrene	SO	0.000	U	0	510	ug/kg	0
0A2B-016	Benzo(b)fluoranthene	SO	0.000	U	0	510	ug/kg	0
0A2B-016	Benzo(k)fluoranthene	SO	0.000	U	0	510	ug/kg	0
0A2B-016	Chrysene	SO	0.000	U	0	510	ug/kg	0
0A2B-016	Dibenzo(a,h)anthracene	SO	0.000	U	0	510	ug/kg	0
0A2B-016	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	510	ug/kg	0

'Samp_ID' = AUS-0A2B-016-SD-0X_3/22/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID AUS-0A2B-017-SD-0X_3/20/00_(0-0.5)Grab_NM

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A2B-017	Benzo(a)anthracene	SO	110.000	J	110	560	ug/kg	11
0A2B-017	Benzo(a)pyrene	SO	90.000	J	90	560	ug/kg	90
0A2B-017	Benzo(b)fluoranthene	SO	93.000	J	93	560	ug/kg	9.3
0A2B-017	Benzo(k)fluoranthene	SO	100.000	J	100	560	ug/kg	1
0A2B-017	Chrysene	SO	110.000	J	110	560	ug/kg	0.11
0A2B-017	Dibenzo(a,h)anthracene	SO	0.000	U	280	560	ug/kg	280
0A2B-017	Indeno(1,2,3-cd)pyrene	SO	0.000	U	280	560	ug/kg	28

'Samp_ID' = AUS-0A2B-017-SD-0X_3/20/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : **419.41**

Samp_ID AUS-0A2B-018-SD-0X_3/21/00_(0-0.5)Grab_NM

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A2B-018	Benzo(a)anthracene	SO	0.000	U	240	480	ug/kg	24
0A2B-018	Benzo(a)pyrene	SO	0.000	U	240	480	ug/kg	240
0A2B-018	Benzo(b)fluoranthene	SO	56.000	J	56	480	ug/kg	5.6
0A2B-018	Benzo(k)fluoranthene	SO	0.000	U	240	480	ug/kg	2.4
0A2B-018	Chrysene	SO	50.000	J	50	480	ug/kg	0.05
0A2B-018	Dibenzo(a,h)anthracene	SO	0.000	U	240	480	ug/kg	240
0A2B-018	Indeno(1,2,3-cd)pyrene	SO	0.000	U	240	480	ug/kg	24

'Samp_ID' = AUS-0A2B-018-SD-0X_3/21/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : **536.05**

Samp_ID *AUS-0A2B-019-SD-0X_3/21/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A2B-019	Benzo(a)anthracene	SO	0.000	U	270	540	ug/kg	27
0A2B-019	Benzo(a)pyrene	SO	0.000	U	270	540	ug/kg	270
0A2B-019	Benzo(b)fluoranthene	SO	63.000	J	63	540	ug/kg	6.3
0A2B-019	Benzo(k)fluoranthene	SO	0.000	U	270	540	ug/kg	2.7
0A2B-019	Chrysene	SO	67.000	J	67	540	ug/kg	0.067
0A2B-019	Dibenzo(a,h)anthracene	SO	0.000	U	270	540	ug/kg	270
0A2B-019	Indeno(1,2,3-cd)pyrene	SO	0.000	U	270	540	ug/kg	27

'Samp_ID' = AUS-0A2B-019-SD-0X_3/21/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : **603.067**

Samp_ID *AUS-0A2B-020-SD-0X_3/21/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A2B-020	Benzo(a)anthracene	SO	0.000	U	230	460	ug/kg	23
0A2B-020	Benzo(a)pyrene	SO	0.000	U	230	460	ug/kg	230
0A2B-020	Benzo(b)fluoranthene	SO	76.000	J	76	460	ug/kg	7.6
0A2B-020	Benzo(k)fluoranthene	SO	0.000	U	230	460	ug/kg	2.3
0A2B-020	Chrysene	SO	59.000	J	59	460	ug/kg	0.059
0A2B-020	Dibenzo(a,h)anthracene	SO	0.000	U	230	460	ug/kg	230
0A2B-020	Indeno(1,2,3-cd)pyrene	SO	0.000	U	230	460	ug/kg	23

'Samp_ID' = AUS-0A2B-020-SD-0X_3/21/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : **515.959**

Samp_ID *AUS-0A2B-021-SD-0X_3/22/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A2B-021	Benzo(a)anthracene	SO	0.000	U	0	470	ug/kg	0
0A2B-021	Benzo(a)pyrene	SO	0.000	U	0	470	ug/kg	0
0A2B-021	Benzo(b)fluoranthene	SO	0.000	U	0	470	ug/kg	0
0A2B-021	Benzo(k)fluoranthene	SO	0.000	U	0	470	ug/kg	0
0A2B-021	Chrysene	SO	0.000	U	0	470	ug/kg	0
0A2B-021	Dibenzo(a,h)anthracene	SO	0.000	U	0	470	ug/kg	0
0A2B-021	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	470	ug/kg	0

'Samp_ID' = AUS-0A2B-021-SD-0X_3/22/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-0A2B-022-SD-0X_3/22/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A2B-022	Benzo(a)anthracene	SO	0.000	U	0	430	ug/kg	0
0A2B-022	Benzo(a)pyrene	SO	0.000	U	0	430	ug/kg	0
0A2B-022	Benzo(b)fluoranthene	SO	0.000	U	0	430	ug/kg	0
0A2B-022	Benzo(k)fluoranthene	SO	0.000	U	0	430	ug/kg	0
0A2B-022	Chrysene	SO	0.000	U	0	430	ug/kg	0
0A2B-022	Dibenzo(a,h)anthracene	SO	0.000	U	0	430	ug/kg	0
0A2B-022	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	430	ug/kg	0

'Samp_ID' = AUS-0A2B-022-SD-0X_3/22/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID AUS-0A2B-501-SS-0X_3/22/00_(0-0.5)Grab_DUP

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A2B-011	Benzo(a)anthracene	SO	0.000	U	0	480	ug/kg	0
0A2B-011	Benzo(a)pyrene	SO	0.000	U	0	480	ug/kg	0
0A2B-011	Benzo(b)fluoranthene	SO	0.000	U	0	480	ug/kg	0
0A2B-011	Benzo(k)fluoranthene	SO	0.000	U	0	480	ug/kg	0
0A2B-011	Chrysene	SO	0.000	U	0	480	ug/kg	0
0A2B-011	Dibenzo(a,h)anthracene	SO	0.000	U	0	480	ug/kg	0
0A2B-011	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	480	ug/kg	0

'Samp_ID' = AUS-0A2B-501-SS-0X_3/22/00_(0-0.5)Grab_DUP (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID AUS-0A2B-W01-SS-0X_3/29/00_(0-0.5)Grab_NM

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A2B-W01	Benzo(a)anthracene	SO	110.000	J	110	420	ug/kg	11
0A2B-W01	Benzo(a)pyrene	SO	110.000	J	110	420	ug/kg	110
0A2B-W01	Benzo(b)fluoranthene	SO	140.000	J	140	420	ug/kg	14
0A2B-W01	Benzo(k)fluoranthene	SO	150.000	J	150	420	ug/kg	1.5
0A2B-W01	Chrysene	SO	180.000	J	180	420	ug/kg	0.18
0A2B-W01	Dibenzo(a,h)anthracene	SO	0.000	U	210	420	ug/kg	210
0A2B-W01	Indeno(1,2,3-cd)pyrene	SO	76.000	J	76	420	ug/kg	7.6

'Samp_ID' = AUS-0A2B-W01-SS-0X_3/29/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : 354.28

Samp_ID AUS-0A2B-W02-SS-0X_3/28/00_(0-0.5)Grab_NM

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A2B-W02	Benzo(a)anthracene	SO	120.000	J	120	430	ug/kg	12
0A2B-W02	Benzo(a)pyrene	SO	140.000	J	140	430	ug/kg	140
0A2B-W02	Benzo(b)fluoranthene	SO	160.000	J	160	430	ug/kg	16
0A2B-W02	Benzo(k)fluoranthene	SO	170.000	J	170	430	ug/kg	1.7
0A2B-W02	Chrysene	SO	180.000	J	180	430	ug/kg	0.18
0A2B-W02	Dibenzo(a,h)anthracene	SO	0.000	U	215	430	ug/kg	215
0A2B-W02	Indeno(1,2,3-cd)pyrene	SO	88.000	J	88	430	ug/kg	8.8

'Samp_ID' = AUS-0A2B-W02-SS-0X_3/28/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : 393.68

Samp_ID AUS-0A2D-001-SS-0X_3/22/00_(0-0.5)Grab_NM

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A2D-001	Benzo(a)anthracene	SO	270.000	J	270	410	ug/kg	27
0A2D-001	Benzo(a)pyrene	SO	250.000	J	250	410	ug/kg	250
0A2D-001	Benzo(b)fluoranthene	SO	440.000		440	410	ug/kg	44
0A2D-001	Benzo(k)fluoranthene	SO	160.000	J	160	410	ug/kg	1.6
0A2D-001	Chrysene	SO	330.000	J	330	410	ug/kg	0.33
0A2D-001	Dibenzo(a,h)anthracene	SO	43.000	J	43	410	ug/kg	43
0A2D-001	Indeno(1,2,3-cd)pyrene	SO	150.000	J	150	410	ug/kg	15

'Samp_ID' = AUS-0A2D-001-SS-0X_3/22/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : 380.93

Samp_ID *AUS-0A2D-002-SS-0X_3/23/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A2D-002	Benzo(a)anthracene	SO	220.000	J	220	460	ug/kg	22
0A2D-002	Benzo(a)pyrene	SO	300.000	J	300	460	ug/kg	300
0A2D-002	Benzo(b)fluoranthene	SO	460.000	J	460	460	ug/kg	46
0A2D-002	Benzo(k)fluoranthene	SO	250.000	J	250	460	ug/kg	2.5
0A2D-002	Chrysene	SO	270.000	J	270	460	ug/kg	0.27
0A2D-002	Dibenzo(a,h)anthracene	SO	57.000	J	57	460	ug/kg	57
0A2D-002	Indeno(1,2,3-cd)pyrene	SO	210.000	J	210	460	ug/kg	21

'Samp_ID' = AUS-0A2D-002-SS-0X_3/23/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : **448.77**

Samp_ID *AUS-0A2D-003-SS-0X_3/28/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A2D-003	Benzo(a)anthracene	SO	220.000	J	220	1400	ug/kg	22
0A2D-003	Benzo(a)pyrene	SO	260.000	J	260	1400	ug/kg	260
0A2D-003	Benzo(b)fluoranthene	SO	350.000	J	350	470	ug/kg	35
0A2D-003	Benzo(k)fluoranthene	SO	310.000	J	310	470	ug/kg	3.1
0A2D-003	Chrysene	SO	250.000	J	250	1400	ug/kg	0.25
0A2D-003	Dibenzo(a,h)anthracene	SO	0.000	U	235	470	ug/kg	235
0A2D-003	Indeno(1,2,3-cd)pyrene	SO	210.000	J	210	470	ug/kg	21

'Samp_ID' = AUS-0A2D-003-SS-0X_3/28/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : **576.35**

Samp_ID AUS-0A2D-004-SS-0X_3/27/00_(0-0.5)Grab_NM

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A2D-004	Benzo(a)anthracene	SO	370.000	J	370	440	ug/kg	37
0A2D-004	Benzo(a)pyrene	SO	480.000		480	440	ug/kg	480
0A2D-004	Benzo(b)fluoranthene	SO	550.000		550	440	ug/kg	55
0A2D-004	Benzo(k)fluoranthene	SO	560.000		560	440	ug/kg	5.6
0A2D-004	Chrysene	SO	530.000		530	440	ug/kg	0.53
0A2D-004	Dibenzo(a,h)anthracene	SO	0.000	U	220	440	ug/kg	220
0A2D-004	Indeno(1,2,3-cd)pyrene	SO	330.000	J	330	440	ug/kg	33

'Samp_ID' = AUS-0A2D-004-SS-0X_3/27/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : 831.13

Samp_ID AUS-0A2D-005-SS-0X_3/27/00_(0-0.5)Grab_NM

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A2D-005	Benzo(a)anthracene	SO	53.000	J	53	430	ug/kg	5.3
0A2D-005	Benzo(a)pyrene	SO	57.000	J	57	430	ug/kg	57
0A2D-005	Benzo(b)fluoranthene	SO	66.000	J	66	430	ug/kg	6.6
0A2D-005	Benzo(k)fluoranthene	SO	65.000	J	65	430	ug/kg	0.65
0A2D-005	Chrysene	SO	94.000	J	94	430	ug/kg	0.094
0A2D-005	Dibenzo(a,h)anthracene	SO	0.000	U	215	430	ug/kg	215
0A2D-005	Indeno(1,2,3-cd)pyrene	SO	0.000	U	215	430	ug/kg	21.5

'Samp_ID' = AUS-0A2D-005-SS-0X_3/27/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : 306.144

Samp_ID *AUS-0A2D-006-SS-0X_3/27/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A2D-006	Benzo(a)anthracene	SO	1000.000		1000	890	ug/kg	100
0A2D-006	Benzo(a)pyrene	SO	470.000		470	440	ug/kg	470
0A2D-006	Benzo(b)fluoranthene	SO	230.000	J	230	440	ug/kg	23
0A2D-006	Benzo(k)fluoranthene	SO	520.000		520	440	ug/kg	5.2
0A2D-006	Chrysene	SO	1200.000		1200	890	ug/kg	1.2
0A2D-006	Dibenzo(a,h)anthracene	SO	0.000	U	220	440	ug/kg	220
0A2D-006	Indeno(1,2,3-cd)pyrene	SO	0.000	U	220	440	ug/kg	22

'Samp_ID' = AUS-0A2D-006-SS-0X_3/27/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : **841.4**

Samp_ID *AUS-0A2D-007-SS-0X_3/27/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A2D-007	Benzo(a)anthracene	SO	130.000	J	130	420	ug/kg	13
0A2D-007	Benzo(a)pyrene	SO	0.000	U	210	420	ug/kg	210
0A2D-007	Benzo(b)fluoranthene	SO	0.000	U	210	420	ug/kg	21
0A2D-007	Benzo(k)fluoranthene	SO	0.000	U	210	420	ug/kg	2.1
0A2D-007	Chrysene	SO	140.000	J	140	420	ug/kg	0.14
0A2D-007	Dibenzo(a,h)anthracene	SO	0.000	U	210	420	ug/kg	210
0A2D-007	Indeno(1,2,3-cd)pyrene	SO	0.000	U	210	420	ug/kg	21

'Samp_ID' = AUS-0A2D-007-SS-0X_3/27/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : **477.24**

Samp_ID *AUS-0A2D-008-SS-0X_3/27/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A2D-008	Benzo(a)anthracene	SO	0.000	U	210	420	ug/kg	21
0A2D-008	Benzo(a)pyrene	SO	120.000	J	120	420	ug/kg	120
0A2D-008	Benzo(b)fluoranthene	SO	120.000	J	120	420	ug/kg	12
0A2D-008	Benzo(k)fluoranthene	SO	150.000	J	150	420	ug/kg	1.5
0A2D-008	Chrysene	SO	57.000	J	57	420	ug/kg	0.057
0A2D-008	Dibenzo(a,h)anthracene	SO	0.000	U	210	420	ug/kg	210
0A2D-008	Indeno(1,2,3-cd)pyrene	SO	110.000	J	110	420	ug/kg	11

'Samp_ID' = AUS-0A2D-008-SS-0X_3/27/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : 375.557

Samp_ID *AUS-0A2D-009-SS-0X_3/27/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A2D-009	Benzo(a)anthracene	SO	140.000	J	140	410	ug/kg	14
0A2D-009	Benzo(a)pyrene	SO	240.000	J	240	410	ug/kg	240
0A2D-009	Benzo(b)fluoranthene	SO	330.000	J	330	410	ug/kg	33
0A2D-009	Benzo(k)fluoranthene	SO	320.000	J	320	410	ug/kg	3.2
0A2D-009	Chrysene	SO	270.000	J	270	410	ug/kg	0.27
0A2D-009	Dibenzo(a,h)anthracene	SO	0.000	U	205	410	ug/kg	205
0A2D-009	Indeno(1,2,3-cd)pyrene	SO	160.000	J	160	410	ug/kg	16

'Samp_ID' = AUS-0A2D-009-SS-0X_3/27/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : 511.47

Samp_ID AUS-0A2D-010-SS-0X_3/28/00_(0-0.5)Grab_NM

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A2D-010	Benzo(a)anthracene	SO	0.000	U	0	520	ug/kg	0
0A2D-010	Benzo(a)pyrene	SO	0.000	U	0	520	ug/kg	0
0A2D-010	Benzo(b)fluoranthene	SO	0.000	U	0	520	ug/kg	0
0A2D-010	Benzo(k)fluoranthene	SO	0.000	U	0	520	ug/kg	0
0A2D-010	Chrysene	SO	0.000	U	0	520	ug/kg	0
0A2D-010	Dibenzo(a,h)anthracene	SO	0.000	U	0	520	ug/kg	0
0A2D-010	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	520	ug/kg	0

'Samp_ID' = AUS-0A2D-010-SS-0X_3/28/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID AUS-0A2D-011-SS-0X_3/27/00_(0-0.5)Grab_NM

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A2D-011	Benzo(a)anthracene	SO	0.000	U	0	560	ug/kg	0
0A2D-011	Benzo(a)pyrene	SO	0.000	U	0	560	ug/kg	0
0A2D-011	Benzo(b)fluoranthene	SO	0.000	U	0	560	ug/kg	0
0A2D-011	Benzo(k)fluoranthene	SO	0.000	U	0	560	ug/kg	0
0A2D-011	Chrysene	SO	0.000	U	0	560	ug/kg	0
0A2D-011	Dibenzo(a,h)anthracene	SO	0.000	U	0	560	ug/kg	0
0A2D-011	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	560	ug/kg	0

'Samp_ID' = AUS-0A2D-011-SS-0X_3/27/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID AUS-0A2D-012-SS-0X_3/27/00_(0-0.5)Grab_NM

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A2D-012	Benzo(a)anthracene	SO	0.000	U	265	530	ug/kg	26.5
0A2D-012	Benzo(a)pyrene	SO	0.000	U	265	530	ug/kg	265
0A2D-012	Benzo(b)fluoranthene	SO	0.000	U	265	530	ug/kg	26.5
0A2D-012	Benzo(k)fluoranthene	SO	0.000	U	265	530	ug/kg	2.65
0A2D-012	Chrysene	SO	60.000	J	60	530	ug/kg	0.06
0A2D-012	Dibenzo(a,h)anthracene	SO	0.000	U	265	530	ug/kg	265
0A2D-012	Indeno(1,2,3-cd)pyrene	SO	0.000	U	265	530	ug/kg	26.5

'Samp_ID' = AUS-0A2D-012-SS-0X_3/27/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : 612.21

Samp_ID AUS-0A2D-013-SD-0X_3/27/00_(0-0.5)Grab_NM

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A2D-013	Benzo(a)anthracene	SO	0.000	U	0	510	ug/kg	0
0A2D-013	Benzo(a)pyrene	SO	0.000	U	0	510	ug/kg	0
0A2D-013	Benzo(b)fluoranthene	SO	0.000	U	0	510	ug/kg	0
0A2D-013	Benzo(k)fluoranthene	SO	0.000	U	0	510	ug/kg	0
0A2D-013	Chrysene	SO	0.000	U	0	510	ug/kg	0
0A2D-013	Dibenzo(a,h)anthracene	SO	0.000	U	0	510	ug/kg	0
0A2D-013	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	510	ug/kg	0

'Samp_ID' = AUS-0A2D-013-SD-0X_3/27/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID AUS-0A2D-014-SD-0X_3/27/00_(0-0.5)Grab_NM

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A2D-014	Benzo(a)anthracene	SO	160.000	J	160	450	ug/kg	16
0A2D-014	Benzo(a)pyrene	SO	150.000	J	150	450	ug/kg	150
0A2D-014	Benzo(b)fluoranthene	SO	190.000	J	190	450	ug/kg	19
0A2D-014	Benzo(k)fluoranthene	SO	140.000	J	140	450	ug/kg	1.4
0A2D-014	Chrysene	SO	220.000	J	220	450	ug/kg	0.22
0A2D-014	Dibenzo(a,h)anthracene	SO	0.000	U	225	450	ug/kg	225
0A2D-014	Indeno(1,2,3-cd)pyrene	SO	83.000	J	83	450	ug/kg	8.3

'Samp_ID' = AUS-0A2D-014-SD-0X_3/27/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : 419.92

Samp_ID AUS-0A2D-015-SD-0X_3/23/00_(0-0.5)Grab_NM

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A2D-015	Benzo(a)anthracene	SO	0.000	U	0	460	ug/kg	0
0A2D-015	Benzo(a)pyrene	SO	0.000	U	0	460	ug/kg	0
0A2D-015	Benzo(b)fluoranthene	SO	0.000	U	0	460	ug/kg	0
0A2D-015	Benzo(k)fluoranthene	SO	0.000	U	0	460	ug/kg	0
0A2D-015	Chrysene	SO	0.000	U	0	460	ug/kg	0
0A2D-015	Dibenzo(a,h)anthracene	SO	0.000	U	0	460	ug/kg	0
0A2D-015	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	460	ug/kg	0

'Samp_ID' = AUS-0A2D-015-SD-0X_3/23/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-0A2D-016-SD-0X_3/23/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A2D-016	Benzo(a)anthracene	SO	68.000	J	68	510	ug/kg	6.8
0A2D-016	Benzo(a)pyrene	SO	75.000	J	75	510	ug/kg	75
0A2D-016	Benzo(b)fluoranthene	SO	100.000	J	100	510	ug/kg	10
0A2D-016	Benzo(k)fluoranthene	SO	89.000	J	89	510	ug/kg	0.89
0A2D-016	Chrysene	SO	100.000	J	100	510	ug/kg	0.1
0A2D-016	Dibenzo(a,h)anthracene	SO	0.000	U	255	510	ug/kg	255
0A2D-016	Indeno(1,2,3-cd)pyrene	SO	0.000	U	255	510	ug/kg	25.5

'Samp_ID' = AUS-0A2D-016-SD-0X_3/23/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : **373.29**

Samp_ID *AUS-0A2D-019-SS-0X_3/24/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A2D-019	Benzo(a)anthracene	SO	0.000	U	0	430	ug/kg	0
0A2D-019	Benzo(a)pyrene	SO	0.000	U	0	430	ug/kg	0
0A2D-019	Benzo(b)fluoranthene	SO	0.000	U	0	430	ug/kg	0
0A2D-019	Benzo(k)fluoranthene	SO	0.000	U	0	430	ug/kg	0
0A2D-019	Chrysene	SO	0.000	U	0	430	ug/kg	0
0A2D-019	Dibenzo(a,h)anthracene	SO	0.000	U	0	430	ug/kg	0
0A2D-019	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	430	ug/kg	0

'Samp_ID' = AUS-0A2D-019-SS-0X_3/24/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID AUS-0A2D-020-SS-0X_3/24/00_(0-0.5)Grab_NM

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A2D-020	Benzo(a)anthracene	SO	0.000	U	0	450	ug/kg	0
0A2D-020	Benzo(a)pyrene	SO	0.000	U	0	450	ug/kg	0
0A2D-020	Benzo(b)fluoranthene	SO	0.000	U	0	450	ug/kg	0
0A2D-020	Benzo(k)fluoranthene	SO	0.000	U	0	450	ug/kg	0
0A2D-020	Chrysene	SO	0.000	U	0	450	ug/kg	0
0A2D-020	Dibenzo(a,h)anthracene	SO	0.000	U	0	450	ug/kg	0
0A2D-020	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	450	ug/kg	0

'Samp_ID' = AUS-0A2D-020-SS-0X_3/24/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID AUS-0A2D-021-SD-0X_3/23/00_(0-0.5)Grab_NM

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A2D-021	Benzo(a)anthracene	SO	260.000	J	260	510	ug/kg	26
0A2D-021	Benzo(a)pyrene	SO	220.000	J	220	510	ug/kg	220
0A2D-021	Benzo(b)fluoranthene	SO	410.000	J	410	510	ug/kg	41
0A2D-021	Benzo(k)fluoranthene	SO	110.000	J	110	510	ug/kg	1.1
0A2D-021	Chrysene	SO	320.000	J	320	510	ug/kg	0.32
0A2D-021	Dibenzo(a,h)anthracene	SO	0.000	U	255	510	ug/kg	255
0A2D-021	Indeno(1,2,3-cd)pyrene	SO	130.000	J	130	510	ug/kg	13

'Samp_ID' = AUS-0A2D-021-SD-0X_3/23/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : **556.42**

Samp_ID *AUS-0A2D-022-SS-0X_3/24/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A2D-022	Benzo(a)anthracene	SO	4800.000		4800	500	ug/kg	480
0A2D-022	Benzo(a)pyrene	SO	4800.000		4800	1000	ug/kg	4800
0A2D-022	Benzo(b)fluoranthene	SO	5200.000		5200	500	ug/kg	520
0A2D-022	Benzo(k)fluoranthene	SO	4400.000		4400	500	ug/kg	44
0A2D-022	Chrysene	SO	5500.000		5500	1000	ug/kg	5.5
0A2D-022	Dibenzo(a,h)anthracene	SO	1200.000		1200	500	ug/kg	1200
0A2D-022	Indeno(1,2,3-cd)pyrene	SO	1700.000		1700	1000	ug/kg	170

'Samp_ID' = AUS-0A2D-022-SS-0X_3/24/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : **7219.5**

Samp_ID *AUS-0A2D-023-SS-0X_3/23/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A2D-023	Benzo(a)anthracene	SO	140.000	J	140	470	ug/kg	14
0A2D-023	Benzo(a)pyrene	SO	130.000	J	130	470	ug/kg	130
0A2D-023	Benzo(b)fluoranthene	SO	160.000	J	160	470	ug/kg	16
0A2D-023	Benzo(k)fluoranthene	SO	130.000	J	130	470	ug/kg	1.3
0A2D-023	Chrysene	SO	180.000	J	180	470	ug/kg	0.18
0A2D-023	Dibenzo(a,h)anthracene	SO	0.000	U	235	470	ug/kg	235
0A2D-023	Indeno(1,2,3-cd)pyrene	SO	92.000	J	92	470	ug/kg	9.2

'Samp_ID' = AUS-0A2D-023-SS-0X_3/23/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : **405.68**

Samp_ID *AUS-0A2D-024-SS-0X_3/27/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A2D-024	Benzo(a)anthracene	SO	0.000	U	215	430	ug/kg	21.5
0A2D-024	Benzo(a)pyrene	SO	51.000	J	51	430	ug/kg	51
0A2D-024	Benzo(b)fluoranthene	SO	67.000	J	67	430	ug/kg	6.7
0A2D-024	Benzo(k)fluoranthene	SO	0.000	U	215	430	ug/kg	2.15
0A2D-024	Chrysene	SO	0.000	U	215	430	ug/kg	0.215
0A2D-024	Dibenzo(a,h)anthracene	SO	0.000	U	215	430	ug/kg	215
0A2D-024	Indeno(1,2,3-cd)pyrene	SO	0.000	U	215	430	ug/kg	21.5

'Samp_ID' = AUS-0A2D-024-SS-0X_3/27/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : 318.065

Samp_ID *AUS-0A2D-025-SS-0X_3/24/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A2D-025	Benzo(a)anthracene	SO	82.000	J	82	400	ug/kg	8.2
0A2D-025	Benzo(a)pyrene	SO	96.000	J	96	400	ug/kg	96
0A2D-025	Benzo(b)fluoranthene	SO	140.000	J	140	400	ug/kg	14
0A2D-025	Benzo(k)fluoranthene	SO	64.000	J	64	400	ug/kg	0.64
0A2D-025	Chrysene	SO	120.000	J	120	400	ug/kg	0.12
0A2D-025	Dibenzo(a,h)anthracene	SO	0.000	U	200	400	ug/kg	200
0A2D-025	Indeno(1,2,3-cd)pyrene	SO	61.000	J	61	400	ug/kg	6.1

'Samp_ID' = AUS-0A2D-025-SS-0X_3/24/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : 325.06

Samp_ID *AUS-0A2D-026-SS-0X_3/23/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A2D-026	Benzo(a)anthracene	SO	83.000	J	83	430	ug/kg	8.3
0A2D-026	Benzo(a)pyrene	SO	96.000	J	96	430	ug/kg	96
0A2D-026	Benzo(b)fluoranthene	SO	180.000	J	180	430	ug/kg	18
0A2D-026	Benzo(k)fluoranthene	SO	58.000	J	58	430	ug/kg	0.58
0A2D-026	Chrysene	SO	100.000	J	100	430	ug/kg	0.1
0A2D-026	Dibenzo(a,h)anthracene	SO	0.000	U	215	430	ug/kg	215
0A2D-026	Indeno(1,2,3-cd)pyrene	SO	69.000	J	69	430	ug/kg	6.9

'Samp_ID' = AUS-0A2D-026-SS-0X_3/23/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : **344.88**

Samp_ID *AUS-0A2D-029-SD-0X_3/23/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A2D-029	Benzo(a)anthracene	SO	0.000	U	0	570	ug/kg	0
0A2D-029	Benzo(a)pyrene	SO	0.000	U	0	570	ug/kg	0
0A2D-029	Benzo(b)fluoranthene	SO	0.000	U	0	570	ug/kg	0
0A2D-029	Benzo(k)fluoranthene	SO	0.000	U	0	570	ug/kg	0
0A2D-029	Chrysene	SO	0.000	U	0	570	ug/kg	0
0A2D-029	Dibenzo(a,h)anthracene	SO	0.000	U	0	570	ug/kg	0
0A2D-029	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	570	ug/kg	0

'Samp_ID' = AUS-0A2D-029-SD-0X_3/23/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-0A2D-030-SD-0X_3/23/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A2D-030	Benzo(a)anthracene	SO	130.000	J	130	710	ug/kg	13
0A2D-030	Benzo(a)pyrene	SO	210.000	J	210	710	ug/kg	210
0A2D-030	Benzo(b)fluoranthene	SO	250.000	J	250	710	ug/kg	25
0A2D-030	Benzo(k)fluoranthene	SO	140.000	J	140	710	ug/kg	1.4
0A2D-030	Chrysene	SO	160.000	J	160	710	ug/kg	0.16
0A2D-030	Dibenzo(a,h)anthracene	SO	0.000	U	355	710	ug/kg	355
0A2D-030	Indeno(1,2,3-cd)pyrene	SO	150.000	J	150	710	ug/kg	15

'Samp_ID' = AUS-0A2D-030-SD-0X_3/23/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : **619.56**

Samp_ID *AUS-0A2D-031-SS-0X_3/29/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A2D-031	Benzo(a)anthracene	SO	120.000	J	120	400	ug/kg	12
0A2D-031	Benzo(a)pyrene	SO	120.000	J	120	400	ug/kg	120
0A2D-031	Benzo(b)fluoranthene	SO	120.000	J	120	400	ug/kg	12
0A2D-031	Benzo(k)fluoranthene	SO	160.000	J	160	400	ug/kg	1.6
0A2D-031	Chrysene	SO	200.000	J	200	400	ug/kg	0.2
0A2D-031	Dibenzo(a,h)anthracene	SO	0.000	U	200	400	ug/kg	200
0A2D-031	Indeno(1,2,3-cd)pyrene	SO	69.000	J	69	400	ug/kg	6.9

'Samp_ID' = AUS-0A2D-031-SS-0X_3/29/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : **352.7**

Samp_ID *AUS-0A2D-033-SS-0X_3/24/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A2D-033	Benzo(a)anthracene	SO	2700.000		2700	420	ug/kg	270
0A2D-033	Benzo(a)pyrene	SO	3100.000		3100	420	ug/kg	3100
0A2D-033	Benzo(b)fluoranthene	SO	4200.000		4200	420	ug/kg	420
0A2D-033	Benzo(k)fluoranthene	SO	3500.000		3500	420	ug/kg	35
0A2D-033	Chrysene	SO	3200.000		3200	420	ug/kg	3.2
0A2D-033	Dibenzo(a,h)anthracene	SO	980.000		980	420	ug/kg	980
0A2D-033	Indeno(1,2,3-cd)pyrene	SO	2100.000		2100	420	ug/kg	210

'Samp_ID' = AUS-0A2D-033-SS-0X_3/24/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : **5018.2**

Samp_ID *AUS-0A2D-034-SS-0X_3/24/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A2D-034	Benzo(a)anthracene	SO	0.000	U	0	450	ug/kg	0
0A2D-034	Benzo(a)pyrene	SO	0.000	U	0	450	ug/kg	0
0A2D-034	Benzo(b)fluoranthene	SO	0.000	U	0	450	ug/kg	0
0A2D-034	Benzo(k)fluoranthene	SO	0.000	U	0	450	ug/kg	0
0A2D-034	Chrysene	SO	0.000	U	0	450	ug/kg	0
0A2D-034	Dibenzo(a,h)anthracene	SO	0.000	U	0	450	ug/kg	0
0A2D-034	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	450	ug/kg	0

'Samp_ID' = AUS-0A2D-034-SS-0X_3/24/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID AUS-0A2D-037-SD-0X_3/22/00_(0-0.5)Grab_NM

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A2D-037	Benzo(a)anthracene	SO	47.000	J	47	390	ug/kg	4.7
0A2D-037	Benzo(a)pyrene	SO	43.000	J	43	390	ug/kg	43
0A2D-037	Benzo(b)fluoranthene	SO	92.000	J	92	390	ug/kg	9.2
0A2D-037	Benzo(k)fluoranthene	SO	0.000	U	195	390	ug/kg	1.95
0A2D-037	Chrysene	SO	61.000	J	61	390	ug/kg	0.061
0A2D-037	Dibenzo(a,h)anthracene	SO	0.000	U	195	390	ug/kg	195
0A2D-037	Indeno(1,2,3-cd)pyrene	SO	0.000	U	195	390	ug/kg	19.5

'Samp_ID' = AUS-0A2D-037-SD-0X_3/22/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : 273.411

Samp_ID AUS-0A2D-039-SD-0X_3/23/00_(0-0.5)Grab_NM

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A2D-039	Benzo(a)anthracene	SO	0.000	U	0	460	ug/kg	0
0A2D-039	Benzo(a)pyrene	SO	0.000	U	0	460	ug/kg	0
0A2D-039	Benzo(b)fluoranthene	SO	0.000	U	0	460	ug/kg	0
0A2D-039	Benzo(k)fluoranthene	SO	0.000	U	0	460	ug/kg	0
0A2D-039	Chrysene	SO	0.000	U	0	460	ug/kg	0
0A2D-039	Dibenzo(a,h)anthracene	SO	0.000	U	0	460	ug/kg	0
0A2D-039	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	460	ug/kg	0

'Samp_ID' = AUS-0A2D-039-SD-0X_3/23/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-0A2D-040-SD-0X_3/23/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A2D-040	Benzo(a)anthracene	SO	0.000	U	0	460	ug/kg	0
0A2D-040	Benzo(a)pyrene	SO	0.000	U	0	460	ug/kg	0
0A2D-040	Benzo(b)fluoranthene	SO	0.000	U	0	460	ug/kg	0
0A2D-040	Benzo(k)fluoranthene	SO	0.000	U	0	460	ug/kg	0
0A2D-040	Chrysene	SO	0.000	U	0	460	ug/kg	0
0A2D-040	Dibenzo(a,h)anthracene	SO	0.000	U	0	460	ug/kg	0
0A2D-040	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	460	ug/kg	0

'Samp_ID' = AUS-0A2D-040-SD-0X_3/23/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-0A2D-041-SD-0X_3/23/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A2D-041	Benzo(a)anthracene	SO	0.000	U	0	530	ug/kg	0
0A2D-041	Benzo(a)pyrene	SO	0.000	U	0	530	ug/kg	0
0A2D-041	Benzo(b)fluoranthene	SO	0.000	U	0	530	ug/kg	0
0A2D-041	Benzo(k)fluoranthene	SO	0.000	U	0	530	ug/kg	0
0A2D-041	Chrysene	SO	0.000	U	0	530	ug/kg	0
0A2D-041	Dibenzo(a,h)anthracene	SO	0.000	U	0	530	ug/kg	0
0A2D-041	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	530	ug/kg	0

'Samp_ID' = AUS-0A2D-041-SD-0X_3/23/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-0A2D-042-SD-0X_3/23/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A2D-042	Benzo(a)anthracene	SO	0.000	U	0	540	ug/kg	0
0A2D-042	Benzo(a)pyrene	SO	0.000	U	0	540	ug/kg	0
0A2D-042	Benzo(b)fluoranthene	SO	0.000	U	0	540	ug/kg	0
0A2D-042	Benzo(k)fluoranthene	SO	0.000	U	0	540	ug/kg	0
0A2D-042	Chrysene	SO	0.000	U	0	540	ug/kg	0
0A2D-042	Dibenzo(a,h)anthracene	SO	0.000	U	0	540	ug/kg	0
0A2D-042	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	540	ug/kg	0

'Samp_ID' = AUS-0A2D-042-SD-0X_3/23/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-0A2D-045-SS-0X_3/28/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A2D-045	Benzo(a)anthracene	SO	190.000	J	190	450	ug/kg	19
0A2D-045	Benzo(a)pyrene	SO	220.000	J	220	450	ug/kg	220
0A2D-045	Benzo(b)fluoranthene	SO	280.000	J	280	450	ug/kg	28
0A2D-045	Benzo(k)fluoranthene	SO	300.000	J	300	450	ug/kg	3
0A2D-045	Chrysene	SO	300.000	J	300	450	ug/kg	0.3
0A2D-045	Dibenzo(a,h)anthracene	SO	0.000	U	225	450	ug/kg	225
0A2D-045	Indeno(1,2,3-cd)pyrene	SO	140.000	J	140	450	ug/kg	14

'Samp_ID' = AUS-0A2D-045-SS-0X_3/28/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : **509.3**

Samp_ID *AUS-0A2D-501-SD-0X_3/23/00_(0-0.5)Grab_DUP*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A2D-041	Benzo(a)anthracene	SO	0.000	U	0	530	ug/kg	0
0A2D-041	Benzo(a)pyrene	SO	0.000	U	0	530	ug/kg	0
0A2D-041	Benzo(b)fluoranthene	SO	0.000	U	0	530	ug/kg	0
0A2D-041	Benzo(k)fluoranthene	SO	0.000	U	0	530	ug/kg	0
0A2D-041	Chrysene	SO	0.000	U	0	530	ug/kg	0
0A2D-041	Dibenzo(a,h)anthracene	SO	0.000	U	0	530	ug/kg	0
0A2D-041	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	530	ug/kg	0

'Samp_ID' = AUS-0A2D-501-SD-0X_3/23/00_(0-0.5)Grab_DUP (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-0A2D-502-SS-0X_3/27/00_(0-0.5)Grab_DUP*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A2D-005	Benzo(a)anthracene	SO	0.000	U	205	410	ug/kg	20.5
0A2D-005	Benzo(a)pyrene	SO	0.000	U	205	410	ug/kg	205
0A2D-005	Benzo(b)fluoranthene	SO	50.000	J	50	410	ug/kg	5
0A2D-005	Benzo(k)fluoranthene	SO	0.000	U	205	410	ug/kg	2.05
0A2D-005	Chrysene	SO	49.000	J	49	410	ug/kg	0.049
0A2D-005	Dibenzo(a,h)anthracene	SO	0.000	U	205	410	ug/kg	205
0A2D-005	Indeno(1,2,3-cd)pyrene	SO	0.000	U	205	410	ug/kg	20.5

'Samp_ID' = AUS-0A2D-502-SS-0X_3/27/00_(0-0.5)Grab_DUP (7 detail records)

Toxic Equivalency Quotient (TEQ) : **458.099**

Samp_ID *AUS-0A2D-503-SS-0X_3/27/00_(0-0.5)Grab_DUP*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A2D-009	Benzo(a)anthracene	SO	410.000	J	410	420	ug/kg	41
0A2D-009	Benzo(a)pyrene	SO	650.000		650	420	ug/kg	650
0A2D-009	Benzo(b)fluoranthene	SO	840.000		840	420	ug/kg	84
0A2D-009	Benzo(k)fluoranthene	SO	890.000		890	420	ug/kg	8.9
0A2D-009	Chrysene	SO	730.000		730	420	ug/kg	0.73
0A2D-009	Dibenzo(a,h)anthracene	SO	140.000	J	140	420	ug/kg	140
0A2D-009	Indeno(1,2,3-cd)pyrene	SO	310.000	J	310	420	ug/kg	31

'Samp_ID' = AUS-0A2D-503-SS-0X_3/27/00_(0-0.5)Grab_DUP (7 detail records)

Toxic Equivalency Quotient (TEQ) : **955.63**

Samp_ID *AUS-0A2D-504-SS-0X_3/28/00_(0-0.5)Grab_DUP*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A2D-010	Benzo(a)anthracene	SO	160.000	J	160	620	ug/kg	16
0A2D-010	Benzo(a)pyrene	SO	170.000	J	170	620	ug/kg	170
0A2D-010	Benzo(b)fluoranthene	SO	220.000	J	220	620	ug/kg	22
0A2D-010	Benzo(k)fluoranthene	SO	200.000	J	200	620	ug/kg	2
0A2D-010	Chrysene	SO	300.000	J	300	620	ug/kg	0.3
0A2D-010	Dibenzo(a,h)anthracene	SO	0.000	U	310	620	ug/kg	310
0A2D-010	Indeno(1,2,3-cd)pyrene	SO	88.000	J	88	620	ug/kg	8.8

'Samp_ID' = AUS-0A2D-504-SS-0X_3/28/00_(0-0.5)Grab_DUP (7 detail records)

Toxic Equivalency Quotient (TEQ) : **529.1**

Samp_ID *AUS-0A2D-W01-SS-0X_3/29/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A2D-W01	Benzo(a)anthracene	SO	0.000	U	0	410	ug/kg	0
0A2D-W01	Benzo(a)pyrene	SO	0.000	U	0	410	ug/kg	0
0A2D-W01	Benzo(b)fluoranthene	SO	0.000	U	0	410	ug/kg	0
0A2D-W01	Benzo(k)fluoranthene	SO	0.000	U	0	410	ug/kg	0
0A2D-W01	Chrysene	SO	0.000	U	0	410	ug/kg	0
0A2D-W01	Dibenzo(a,h)anthracene	SO	0.000	U	0	410	ug/kg	0
0A2D-W01	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	410	ug/kg	0

'Samp_ID' = AUS-0A2D-W01-SS-0X_3/29/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-0A2D-W02-SS-0X_4/12/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A2D-W02	Benzo(a)anthracene	SO	0.000	U	210	420	ug/kg	21
0A2D-W02	Benzo(a)pyrene	SO	42.000	J	42	420	ug/kg	42
0A2D-W02	Benzo(b)fluoranthene	SO	47.000	J	47	420	ug/kg	4.7
0A2D-W02	Benzo(k)fluoranthene	SO	50.000	J	50	420	ug/kg	0.5
0A2D-W02	Chrysene	SO	42.000	J	42	420	ug/kg	0.042
0A2D-W02	Dibenzo(a,h)anthracene	SO	0.000	U	210	420	ug/kg	210
0A2D-W02	Indeno(1,2,3-cd)pyrene	SO	0.000	U	210	420	ug/kg	21

'Samp_ID' = AUS-0A2D-W02-SS-0X_4/12/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : 299.242

Samp_ID *AUS-0A2D-W03-SS-0X_3/30/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A2D-W03	Benzo(a)anthracene	SO	0.000	U	0	430	ug/kg	0
0A2D-W03	Benzo(a)pyrene	SO	0.000	U	0	430	ug/kg	0
0A2D-W03	Benzo(b)fluoranthene	SO	0.000	U	0	430	ug/kg	0
0A2D-W03	Benzo(k)fluoranthene	SO	0.000	U	0	430	ug/kg	0
0A2D-W03	Chrysene	SO	0.000	U	0	430	ug/kg	0
0A2D-W03	Dibenzo(a,h)anthracene	SO	0.000	U	0	430	ug/kg	0
0A2D-W03	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	430	ug/kg	0

'Samp_ID' = AUS-0A2D-W03-SS-0X_3/30/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-0A2D-W04-SS-0X_4/12/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A2D-W04	Benzo(a)anthracene	SO	0.000	U	0	410	ug/kg	0
0A2D-W04	Benzo(a)pyrene	SO	0.000	U	0	410	ug/kg	0
0A2D-W04	Benzo(b)fluoranthene	SO	0.000	U	0	410	ug/kg	0
0A2D-W04	Benzo(k)fluoranthene	SO	0.000	U	0	410	ug/kg	0
0A2D-W04	Chrysene	SO	0.000	U	0	410	ug/kg	0
0A2D-W04	Dibenzo(a,h)anthracene	SO	0.000	U	0	410	ug/kg	0
0A2D-W04	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	410	ug/kg	0

'Samp_ID' = AUS-0A2D-W04-SS-0X_4/12/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-0A2D-W05-SS-0X_3/30/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A2D-W05	Benzo(a)anthracene	SO	0.000	U	0	430	ug/kg	0
0A2D-W05	Benzo(a)pyrene	SO	0.000	U	0	430	ug/kg	0
0A2D-W05	Benzo(b)fluoranthene	SO	0.000	U	0	430	ug/kg	0
0A2D-W05	Benzo(k)fluoranthene	SO	0.000	U	0	430	ug/kg	0
0A2D-W05	Chrysene	SO	0.000	U	0	430	ug/kg	0
0A2D-W05	Dibenzo(a,h)anthracene	SO	0.000	U	0	430	ug/kg	0
0A2D-W05	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	430	ug/kg	0

'Samp_ID' = AUS-0A2D-W05-SS-0X_3/30/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-0A2D-W06-SS-0X_3/31/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A2D-W06	Benzo(a)anthracene	SO	0.000	U	0	370	ug/kg	0
0A2D-W06	Benzo(a)pyrene	SO	0.000	U	0	370	ug/kg	0
0A2D-W06	Benzo(b)fluoranthene	SO	0.000	U	0	370	ug/kg	0
0A2D-W06	Benzo(k)fluoranthene	SO	0.000	U	0	370	ug/kg	0
0A2D-W06	Chrysene	SO	0.000	U	0	370	ug/kg	0
0A2D-W06	Dibenzo(a,h)anthracene	SO	0.000	U	0	370	ug/kg	0
0A2D-W06	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	370	ug/kg	0

'Samp_ID' = AUS-0A2D-W06-SS-0X_3/31/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-0A2D-W51-SS-0X_4/12/00_(0-0.5)Grab_DUP*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A2D-W04	Benzo(a)anthracene	SO	0.000	U	0	410	ug/kg	0
0A2D-W04	Benzo(a)pyrene	SO	0.000	U	0	410	ug/kg	0
0A2D-W04	Benzo(b)fluoranthene	SO	0.000	U	0	410	ug/kg	0
0A2D-W04	Benzo(k)fluoranthene	SO	0.000	U	0	410	ug/kg	0
0A2D-W04	Chrysene	SO	0.000	U	0	410	ug/kg	0
0A2D-W04	Dibenzo(a,h)anthracene	SO	0.000	U	0	410	ug/kg	0
0A2D-W04	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	410	ug/kg	0

'Samp_ID' = AUS-0A2D-W51-SS-0X_4/12/00_(0-0.5)Grab_DUP (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-0A2F-002-SS-0X_3/28/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A2F-002	Benzo(a)anthracene	SO	49.000	J	49	440	ug/kg	4.9
0A2F-002	Benzo(a)pyrene	SO	48.000	J	48	440	ug/kg	48
0A2F-002	Benzo(b)fluoranthene	SO	55.000	J	55	440	ug/kg	5.5
0A2F-002	Benzo(k)fluoranthene	SO	64.000	J	64	440	ug/kg	0.64
0A2F-002	Chrysene	SO	77.000	J	77	440	ug/kg	0.077
0A2F-002	Dibenzo(a,h)anthracene	SO	0.000	U	220	440	ug/kg	220
0A2F-002	Indeno(1,2,3-cd)pyrene	SO	0.000	U	220	440	ug/kg	22

'Samp_ID' = AUS-0A2F-002-SS-0X_3/28/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : **301.117**

Samp_ID *AUS-0A2F-011-SD-0X_5/11/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A2F-011	Benzo(a)anthracene	SO	0.000	U	0	420	ug/kg	0
0A2F-011	Benzo(a)pyrene	SO	0.000	U	0	420	ug/kg	0
0A2F-011	Benzo(b)fluoranthene	SO	0.000	U	0	420	ug/kg	0
0A2F-011	Benzo(k)fluoranthene	SO	0.000	U	0	420	ug/kg	0
0A2F-011	Chrysene	SO	0.000	U	0	420	ug/kg	0
0A2F-011	Dibenzo(a,h)anthracene	SO	0.000	U	0	420	ug/kg	0
0A2F-011	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	420	ug/kg	0

'Samp_ID' = AUS-0A2F-011-SD-0X_5/11/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-0A2F-012-SD-0X_5/11/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A2F-012	Benzo(a)anthracene	SO	0.000	U	0	410	ug/kg	0
0A2F-012	Benzo(a)pyrene	SO	0.000	U	0	410	ug/kg	0
0A2F-012	Benzo(b)fluoranthene	SO	0.000	U	0	410	ug/kg	0
0A2F-012	Benzo(k)fluoranthene	SO	0.000	U	0	410	ug/kg	0
0A2F-012	Chrysene	SO	0.000	U	0	410	ug/kg	0
0A2F-012	Dibenzo(a,h)anthracene	SO	0.000	U	0	410	ug/kg	0
0A2F-012	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	410	ug/kg	0

'Samp_ID' = AUS-0A2F-012-SD-0X_5/11/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-0A2F-013-SD-03_5/12/00_(3-3)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A2F-013	Benzo(a)anthracene	SO	0.000	U	0	400	ug/kg	0
0A2F-013	Benzo(a)pyrene	SO	0.000	U	0	400	ug/kg	0
0A2F-013	Benzo(b)fluoranthene	SO	0.000	U	0	400	ug/kg	0
0A2F-013	Benzo(k)fluoranthene	SO	0.000	U	0	400	ug/kg	0
0A2F-013	Chrysene	SO	0.000	U	0	400	ug/kg	0
0A2F-013	Dibenzo(a,h)anthracene	SO	0.000	U	0	400	ug/kg	0
0A2F-013	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	400	ug/kg	0

'Samp_ID' = AUS-0A2F-013-SD-03_5/12/00_(3-3)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-0A2P-008-SD-0X_3/30/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A2P-008	Benzo(a)anthracene	SO	0.000	U	0	490	ug/kg	0
0A2P-008	Benzo(a)pyrene	SO	0.000	U	0	490	ug/kg	0
0A2P-008	Benzo(b)fluoranthene	SO	0.000	U	0	490	ug/kg	0
0A2P-008	Benzo(k)fluoranthene	SO	0.000	U	0	490	ug/kg	0
0A2P-008	Chrysene	SO	0.000	U	0	490	ug/kg	0
0A2P-008	Dibenzo(a,h)anthracene	SO	0.000	U	0	490	ug/kg	0
0A2P-008	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	490	ug/kg	0

'Samp_ID' = AUS-0A2P-008-SD-0X_3/30/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-0A2P-009-SD-0X_3/30/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A2P-009	Benzo(a)anthracene	SO	0.000	U	0	420	ug/kg	0
0A2P-009	Benzo(a)pyrene	SO	0.000	U	0	420	ug/kg	0
0A2P-009	Benzo(b)fluoranthene	SO	0.000	U	0	420	ug/kg	0
0A2P-009	Benzo(k)fluoranthene	SO	0.000	U	0	420	ug/kg	0
0A2P-009	Chrysene	SO	0.000	U	0	420	ug/kg	0
0A2P-009	Dibenzo(a,h)anthracene	SO	0.000	U	0	420	ug/kg	0
0A2P-009	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	420	ug/kg	0

'Samp_ID' = AUS-0A2P-009-SD-0X_3/30/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-0A2P-011-SD-0X_3/30/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A2P-011	Benzo(a)anthracene	SO	0.000	U	240	480	ug/kg	24
0A2P-011	Benzo(a)pyrene	SO	0.000	U	240	480	ug/kg	240
0A2P-011	Benzo(b)fluoranthene	SO	0.000	U	240	480	ug/kg	24
0A2P-011	Benzo(k)fluoranthene	SO	0.000	U	240	480	ug/kg	2.4
0A2P-011	Chrysene	SO	63.000	J	63	480	ug/kg	0.063
0A2P-011	Dibenzo(a,h)anthracene	SO	0.000	U	240	480	ug/kg	240
0A2P-011	Indeno(1,2,3-cd)pyrene	SO	0.000	U	240	480	ug/kg	24

'Samp_ID' = AUS-0A2P-011-SD-0X_3/30/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : 554.463

Samp_ID *AUS-0A2P-015-SD-0X_3/30/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A2P-015	Benzo(a)anthracene	SO	280.000	J	280	390	ug/kg	28
0A2P-015	Benzo(a)pyrene	SO	280.000	J	280	390	ug/kg	280
0A2P-015	Benzo(b)fluoranthene	SO	320.000	J	320	390	ug/kg	32
0A2P-015	Benzo(k)fluoranthene	SO	230.000	J	230	390	ug/kg	2.3
0A2P-015	Chrysene	SO	350.000	J	350	390	ug/kg	0.35
0A2P-015	Dibenzo(a,h)anthracene	SO	0.000	U	195	390	ug/kg	195
0A2P-015	Indeno(1,2,3-cd)pyrene	SO	170.000	J	170	390	ug/kg	17

'Samp_ID' = AUS-0A2P-015-SD-0X_3/30/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : **554.65**

Samp_ID *AUS-0A2P-017-SD-0X_3/30/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A2P-017	Benzo(a)anthracene	SO	500.000		500	470	ug/kg	50
0A2P-017	Benzo(a)pyrene	SO	480.000		480	470	ug/kg	480
0A2P-017	Benzo(b)fluoranthene	SO	510.000		510	470	ug/kg	51
0A2P-017	Benzo(k)fluoranthene	SO	490.000		490	470	ug/kg	4.9
0A2P-017	Chrysene	SO	630.000		630	470	ug/kg	0.63
0A2P-017	Dibenzo(a,h)anthracene	SO	130.000	J	130	470	ug/kg	130
0A2P-017	Indeno(1,2,3-cd)pyrene	SO	310.000	J	310	470	ug/kg	31

'Samp_ID' = AUS-0A2P-017-SD-0X_3/30/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : **747.53**

Samp_ID AUS-0A2P-018-SD-0X_3/30/00_(0-0.5)Grab_NM

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A2P-018	Benzo(a)anthracene	SO	0.000	U	0	420	ug/kg	0
0A2P-018	Benzo(a)pyrene	SO	0.000	U	0	420	ug/kg	0
0A2P-018	Benzo(b)fluoranthene	SO	0.000	U	0	420	ug/kg	0
0A2P-018	Benzo(k)fluoranthene	SO	0.000	U	0	420	ug/kg	0
0A2P-018	Chrysene	SO	0.000	U	0	420	ug/kg	0
0A2P-018	Dibenzo(a,h)anthracene	SO	0.000	U	0	420	ug/kg	0
0A2P-018	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	420	ug/kg	0

'Samp_ID' = AUS-0A2P-018-SD-0X_3/30/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID AUS-0A2P-019-SD-0X_3/30/00_(0-0.5)Grab_NM

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A2P-019	Benzo(a)anthracene	SO	410.000	J	410	500	ug/kg	41
0A2P-019	Benzo(a)pyrene	SO	390.000	J	390	500	ug/kg	390
0A2P-019	Benzo(b)fluoranthene	SO	410.000	J	410	500	ug/kg	41
0A2P-019	Benzo(k)fluoranthene	SO	400.000	J	400	500	ug/kg	4
0A2P-019	Chrysene	SO	500.000		500	500	ug/kg	0.5
0A2P-019	Dibenzo(a,h)anthracene	SO	0.000	U	250	500	ug/kg	250
0A2P-019	Indeno(1,2,3-cd)pyrene	SO	230.000	J	230	500	ug/kg	23

'Samp_ID' = AUS-0A2P-019-SD-0X_3/30/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : **749.5**

Samp_ID AUS-0A2P-021-SD-0X_5/11/00_(0-0.5)Grab_NM

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A2P-021	Benzo(a)anthracene	SO	150.000		150	130	ug/kg	15
0A2P-021	Benzo(a)pyrene	SO	75.000		75	6.7	ug/kg	75
0A2P-021	Benzo(b)fluoranthene	SO	28.000		28	8.9	ug/kg	2.8
0A2P-021	Benzo(k)fluoranthene	SO	21.000		21	6.7	ug/kg	0.21
0A2P-021	Chrysene	SO	470.000		470	130	ug/kg	0.47
0A2P-021	Dibenzo(a,h)anthracene	SO	0.000	U	5.5	11	ug/kg	5.5
0A2P-021	Indeno(1,2,3-cd)pyrene	SO	0.000	U	3.35	6.7	ug/kg	0.335

'Samp_ID' = AUS-0A2P-021-SD-0X_5/11/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *99.315*

Samp_ID AUS-0A2P-022-SD-0X_5/11/00_(0-0.5)Grab_NM

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A2P-022	Benzo(a)anthracene	SO	12.000		12	6.4	ug/kg	1.2
0A2P-022	Benzo(a)pyrene	SO	13.000		13	6.4	ug/kg	13
0A2P-022	Benzo(b)fluoranthene	SO	14.000		14	8.6	ug/kg	1.4
0A2P-022	Benzo(k)fluoranthene	SO	7.800		7.8	6.4	ug/kg	0.078
0A2P-022	Chrysene	SO	36.000		36	6.4	ug/kg	0.036
0A2P-022	Dibenzo(a,h)anthracene	SO	0.000	U	5.5	11	ug/kg	5.5

'Samp_ID' = AUS-0A2P-022-SD-0X_5/11/00_(0-0.5)Grab_NM (6 detail records)

Toxic Equivalency Quotient (TEQ) : *21.214*

Samp_ID *AUS-0A2P-023-SD-0X_5/12/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A2P-023	Benzo(a)anthracene	SO	0.000	U	0	440	ug/kg	0
0A2P-023	Benzo(a)pyrene	SO	0.000	U	0	440	ug/kg	0
0A2P-023	Benzo(b)fluoranthene	SO	0.000	U	0	440	ug/kg	0
0A2P-023	Benzo(k)fluoranthene	SO	0.000	U	0	440	ug/kg	0
0A2P-023	Chrysene	SO	0.000	U	0	440	ug/kg	0
0A2P-023	Dibenzo(a,h)anthracene	SO	0.000	U	0	440	ug/kg	0
0A2P-023	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	440	ug/kg	0

'Samp_ID' = AUS-0A2P-023-SD-0X_5/12/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-0A2P-W04-SS-0X_4/4/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A2P-W04	Benzo(a)anthracene	SO	0.000	U	200	400	ug/kg	20
0A2P-W04	Benzo(a)pyrene	SO	0.000	U	200	400	ug/kg	200
0A2P-W04	Benzo(b)fluoranthene	SO	54.000	J	54	400	ug/kg	5.4
0A2P-W04	Benzo(k)fluoranthene	SO	0.000	U	200	400	ug/kg	2
0A2P-W04	Chrysene	SO	0.000	U	200	400	ug/kg	0.2
0A2P-W04	Dibenzo(a,h)anthracene	SO	0.000	U	200	400	ug/kg	200
0A2P-W04	Indeno(1,2,3-cd)pyrene	SO	0.000	U	200	400	ug/kg	20

'Samp_ID' = AUS-0A2P-W04-SS-0X_4/4/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : **447.6**

Samp_ID *AUS-0A2P-W06-SD-0X_4/4/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A2P-W06	Benzo(a)anthracene	SO	0.000	U	0	400	ug/kg	0
0A2P-W06	Benzo(a)pyrene	SO	0.000	U	0	400	ug/kg	0
0A2P-W06	Benzo(b)fluoranthene	SO	0.000	U	0	400	ug/kg	0
0A2P-W06	Benzo(k)fluoranthene	SO	0.000	U	0	400	ug/kg	0
0A2P-W06	Chrysene	SO	0.000	U	0	400	ug/kg	0
0A2P-W06	Dibenzo(a,h)anthracene	SO	0.000	U	0	400	ug/kg	0
0A2P-W06	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	400	ug/kg	0

'Samp_ID' = AUS-0A2P-W06-SD-0X_4/4/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-0A2P-W51-SS-0X_4/4/00_(0-0.5)Grab_DUP*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A2P-W04	Benzo(a)anthracene	SO	0.000	U	0	400	ug/kg	0
0A2P-W04	Benzo(a)pyrene	SO	0.000	U	0	400	ug/kg	0
0A2P-W04	Benzo(b)fluoranthene	SO	0.000	U	0	400	ug/kg	0
0A2P-W04	Benzo(k)fluoranthene	SO	0.000	U	0	400	ug/kg	0
0A2P-W04	Chrysene	SO	0.000	U	0	400	ug/kg	0
0A2P-W04	Dibenzo(a,h)anthracene	SO	0.000	U	0	400	ug/kg	0
0A2P-W04	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	400	ug/kg	0

'Samp_ID' = AUS-0A2P-W51-SS-0X_4/4/00_(0-0.5)Grab_DUP (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-0A2R-001-SS-05_4/18/00_(5-5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A2R-001	Benzo(a)anthracene	SO	0.000	U	0	420	ug/kg	0
0A2R-001	Benzo(a)pyrene	SO	0.000	U	0	420	ug/kg	0
0A2R-001	Benzo(b)fluoranthene	SO	0.000	U	0	420	ug/kg	0
0A2R-001	Benzo(k)fluoranthene	SO	0.000	U	0	420	ug/kg	0
0A2R-001	Chrysene	SO	0.000	U	0	420	ug/kg	0
0A2R-001	Dibenzo(a,h)anthracene	SO	0.000	U	0	420	ug/kg	0
0A2R-001	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	420	ug/kg	0

'Samp_ID' = AUS-0A2R-001-SS-05_4/18/00_(5-5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-0A2R-001-SS-10_4/18/00_(10-10)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A2R-001	Benzo(a)anthracene	SO	0.000	U	0	400	ug/kg	0
0A2R-001	Benzo(a)pyrene	SO	0.000	U	0	400	ug/kg	0
0A2R-001	Benzo(b)fluoranthene	SO	0.000	U	0	400	ug/kg	0
0A2R-001	Benzo(k)fluoranthene	SO	0.000	U	0	400	ug/kg	0
0A2R-001	Chrysene	SO	0.000	U	0	400	ug/kg	0
0A2R-001	Dibenzo(a,h)anthracene	SO	0.000	U	0	400	ug/kg	0
0A2R-001	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	400	ug/kg	0

'Samp_ID' = AUS-0A2R-001-SS-10_4/18/00_(10-10)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-0A2R-002-SS-0X_5/2/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A2R-002	Benzo(a)anthracene	SO	430.000		430	31	ug/kg	43
0A2R-002	Benzo(a)pyrene	SO	460.000		460	7.7	ug/kg	460
0A2R-002	Benzo(b)fluoranthene	SO	610.000		610	10	ug/kg	61
0A2R-002	Benzo(k)fluoranthene	SO	300.000		300	31	ug/kg	3
0A2R-002	Chrysene	SO	700.000		700	31	ug/kg	0.7
0A2R-002	Dibenzo(a,h)anthracene	SO	66.000		66	52	ug/kg	66
0A2R-002	Indeno(1,2,3-cd)pyrene	SO	270.000		270	31	ug/kg	27

'Samp_ID' = AUS-0A2R-002-SS-0X_5/2/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : **660.7**

Samp_ID *AUS-0A2R-003-SS-0X_5/2/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A2R-003	Benzo(a)anthracene	SO	86.000		86	27	ug/kg	8.6
0A2R-003	Benzo(a)pyrene	SO	100.000		100	27	ug/kg	100
0A2R-003	Benzo(b)fluoranthene	SO	180.000		180	36	ug/kg	18
0A2R-003	Benzo(k)fluoranthene	SO	75.000		75	27	ug/kg	0.75
0A2R-003	Chrysene	SO	220.000		220	27	ug/kg	0.22
0A2R-003	Dibenzo(a,h)anthracene	SO	12.000		12	11	ug/kg	12
0A2R-003	Indeno(1,2,3-cd)pyrene	SO	53.000		53	27	ug/kg	5.3

'Samp_ID' = AUS-0A2R-003-SS-0X_5/2/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *144.87*

Samp_ID *AUS-0A2R-004-SS-0X_5/2/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A2R-004	Benzo(a)anthracene	SO	1900.000		1900	130	ug/kg	190
0A2R-004	Benzo(a)pyrene	SO	2600.000		2600	130	ug/kg	2600
0A2R-004	Benzo(b)fluoranthene	SO	3500.000		3500	170	ug/kg	350
0A2R-004	Benzo(k)fluoranthene	SO	1600.000		1600	130	ug/kg	16
0A2R-004	Chrysene	SO	3200.000		3200	130	ug/kg	3.2
0A2R-004	Dibenzo(a,h)anthracene	SO	320.000		320	220	ug/kg	320
0A2R-004	Indeno(1,2,3-cd)pyrene	SO	1700.000		1700	130	ug/kg	170

'Samp_ID' = AUS-0A2R-004-SS-0X_5/2/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : **3649.2**

Samp_ID *AUS-0A2R-005-SS-0X_5/2/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A2R-005	Benzo(a)anthracene	SO	740.000		740	60	ug/kg	74
0A2R-005	Benzo(a)pyrene	SO	1200.000		1200	60	ug/kg	1200
0A2R-005	Benzo(b)fluoranthene	SO	1800.000		1800	80	ug/kg	180
0A2R-005	Benzo(k)fluoranthene	SO	890.000		890	60	ug/kg	8.9
0A2R-005	Chrysene	SO	1500.000		1500	60	ug/kg	1.5
0A2R-005	Dibenzo(a,h)anthracene	SO	210.000		210	99	ug/kg	210
0A2R-005	Indeno(1,2,3-cd)pyrene	SO	1200.000		1200	60	ug/kg	120

'Samp_ID' = AUS-0A2R-005-SS-0X_5/2/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : **1794.4**

Samp_ID *AUS-0A4E-001-SS-0X_4/12/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A4E-001	Benzo(a)anthracene	SO	0.000	U	3	6	ug/kg	0.3
0A4E-001	Benzo(a)pyrene	SO	7.700		7.7	6	ug/kg	7.7
0A4E-001	Benzo(b)fluoranthene	SO	0.000	U	4	8	ug/kg	0.4
0A4E-001	Benzo(k)fluoranthene	SO	6.200		6.2	6	ug/kg	0.062
0A4E-001	Chrysene	SO	30.000		30	6	ug/kg	0.03
0A4E-001	Dibenzo(a,h)anthracene	SO	0.000	U	4.95	9.9	ug/kg	4.95
0A4E-001	Indeno(1,2,3-cd)pyrene	SO	0.000	U	3	6	ug/kg	0.3

'Samp_ID' = AUS-0A4E-001-SS-0X_4/12/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *13.742*

Samp_ID *AUS-0A4E-002-SS-0X_4/12/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A4E-002	Benzo(a)anthracene	SO	0.000	U	0	400	ug/kg	0
0A4E-002	Benzo(a)pyrene	SO	0.000	U	0	400	ug/kg	0
0A4E-002	Benzo(b)fluoranthene	SO	0.000	U	0	400	ug/kg	0
0A4E-002	Benzo(k)fluoranthene	SO	0.000	U	0	400	ug/kg	0
0A4E-002	Chrysene	SO	0.000	U	0	400	ug/kg	0
0A4E-002	Dibenzo(a,h)anthracene	SO	0.000	U	0	400	ug/kg	0
0A4E-002	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	400	ug/kg	0

'Samp_ID' = AUS-0A4E-002-SS-0X_4/12/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-0A4E-003-SS-0X_4/12/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A4E-003	Benzo(a)anthracene	SO	28.000		28	6.1	ug/kg	2.8
0A4E-003	Benzo(a)pyrene	SO	56.000		56	6.1	ug/kg	56
0A4E-003	Benzo(b)fluoranthene	SO	110.000		110	8.2	ug/kg	11
0A4E-003	Benzo(k)fluoranthene	SO	43.000		43	12	ug/kg	0.43
0A4E-003	Chrysene	SO	170.000		170	12	ug/kg	0.17
0A4E-003	Dibenzo(a,h)anthracene	SO	10.000		10	10	ug/kg	10
0A4E-003	Indeno(1,2,3-cd)pyrene	SO	36.000		36	6.1	ug/kg	3.6

'Samp_ID' = AUS-0A4E-003-SS-0X_4/12/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *84*

Samp_ID *AUS-0A4E-004-SS-0X_4/12/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A4E-004	Benzo(a)anthracene	SO	66.000	J	66	420	ug/kg	6.6
0A4E-004	Benzo(a)pyrene	SO	0.000	U	210	420	ug/kg	210
0A4E-004	Benzo(b)fluoranthene	SO	0.000	U	210	420	ug/kg	21
0A4E-004	Benzo(k)fluoranthene	SO	0.000	U	210	420	ug/kg	2.1
0A4E-004	Chrysene	SO	100.000	J	100	420	ug/kg	0.1
0A4E-004	Dibenzo(a,h)anthracene	SO	0.000	U	210	420	ug/kg	210
0A4E-004	Indeno(1,2,3-cd)pyrene	SO	0.000	U	210	420	ug/kg	21

'Samp_ID' = AUS-0A4E-004-SS-0X_4/12/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : **470.8**

Samp_ID *AUS-0A4E-005-SS-0X_4/13/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A4E-005	Benzo(a)anthracene	SO	100.000	J	100	450	ug/kg	10
0A4E-005	Benzo(a)pyrene	SO	0.000	U	225	450	ug/kg	225
0A4E-005	Benzo(b)fluoranthene	SO	0.000	U	225	450	ug/kg	22.5
0A4E-005	Benzo(k)fluoranthene	SO	0.000	U	225	450	ug/kg	2.25
0A4E-005	Chrysene	SO	100.000	J	100	450	ug/kg	0.1
0A4E-005	Dibenzo(a,h)anthracene	SO	0.000	U	225	450	ug/kg	225
0A4E-005	Indeno(1,2,3-cd)pyrene	SO	0.000	U	225	450	ug/kg	22.5

'Samp_ID' = AUS-0A4E-005-SS-0X_4/13/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : **507.35**

Samp_ID *AUS-0A4E-006-SS-0X_4/12/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A4E-006	Benzo(a)anthracene	SO	0.000	U	220	440	ug/kg	22
0A4E-006	Benzo(a)pyrene	SO	0.000	U	220	440	ug/kg	220
0A4E-006	Benzo(b)fluoranthene	SO	45.000	J	45	440	ug/kg	4.5
0A4E-006	Benzo(k)fluoranthene	SO	0.000	U	220	440	ug/kg	2.2
0A4E-006	Chrysene	SO	0.000	U	220	440	ug/kg	0.22
0A4E-006	Dibenzo(a,h)anthracene	SO	0.000	U	220	440	ug/kg	220
0A4E-006	Indeno(1,2,3-cd)pyrene	SO	0.000	U	220	440	ug/kg	22

'Samp_ID' = AUS-0A4E-006-SS-0X_4/12/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : **490.92**

Samp_ID *AUS-0A4E-007-SD-0X_4/12/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A4E-007	Benzo(a)anthracene	SE	0.000	U	3.85	7.7	ug/kg	0.385
0A4E-007	Benzo(a)pyrene	SE	74.000		74	15	ug/kg	74
0A4E-007	Benzo(b)fluoranthene	SE	75.000		75	21	ug/kg	7.5
0A4E-007	Benzo(k)fluoranthene	SE	11.000		11	7.7	ug/kg	0.11
0A4E-007	Chrysene	SE	380.000		380	15	ug/kg	0.38
0A4E-007	Dibenzo(a,h)anthracene	SE	0.000	U	6.5	13	ug/kg	6.5
0A4E-007	Indeno(1,2,3-cd)pyrene	SE	44.000		44	15	ug/kg	4.4

'Samp_ID' = AUS-0A4E-007-SD-0X_4/12/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *93.275*

Samp_ID *AUS-0A4E-008-SD-0X_4/13/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A4E-008	Benzo(a)anthracene	SE	8.000		8	6.2	ug/kg	0.8
0A4E-008	Benzo(a)pyrene	SE	7.000		7	6.2	ug/kg	7
0A4E-008	Benzo(b)fluoranthene	SE	16.000		16	8.4	ug/kg	1.6
0A4E-008	Benzo(k)fluoranthene	SE	0.000	U	3.1	6.2	ug/kg	0.031
0A4E-008	Chrysene	SE	25.000		25	6.2	ug/kg	0.025
0A4E-008	Dibenzo(a,h)anthracene	SE	0.000	U	5	10	ug/kg	5
0A4E-008	Indeno(1,2,3-cd)pyrene	SE	13.000		13	6.2	ug/kg	1.3

'Samp_ID' = AUS-0A4E-008-SD-0X_4/13/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *15.756*

Samp_ID *AUS-0A4E-009-SD-0X_4/12/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A4E-009	Benzo(a)anthracene	SE	0.000	U	0	490	ug/kg	0
0A4E-009	Benzo(a)pyrene	SE	0.000	U	0	490	ug/kg	0
0A4E-009	Benzo(b)fluoranthene	SE	0.000	U	0	490	ug/kg	0
0A4E-009	Benzo(k)fluoranthene	SE	0.000	U	0	490	ug/kg	0
0A4E-009	Chrysene	SE	0.000	U	0	490	ug/kg	0
0A4E-009	Dibenzo(a,h)anthracene	SE	0.000	U	0	490	ug/kg	0
0A4E-009	Indeno(1,2,3-cd)pyrene	SE	0.000	U	0	490	ug/kg	0

'Samp_ID' = AUS-0A4E-009-SD-0X_4/12/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-0A4E-010-SD-0X_4/13/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A4E-010	Benzo(a)anthracene	SE	0.000	U	3.8	7.6	ug/kg	0.38
0A4E-010	Benzo(a)pyrene	SE	15.000		15	7.6	ug/kg	15
0A4E-010	Benzo(b)fluoranthene	SE	26.000		26	10	ug/kg	2.6
0A4E-010	Benzo(k)fluoranthene	SE	7.900		7.9	7.6	ug/kg	0.079
0A4E-010	Chrysene	SE	34.000		34	7.6	ug/kg	0.034
0A4E-010	Dibenzo(a,h)anthracene	SE	0.000	U	6.5	13	ug/kg	6.5
0A4E-010	Indeno(1,2,3-cd)pyrene	SE	12.000		12	7.6	ug/kg	1.2

'Samp_ID' = AUS-0A4E-010-SD-0X_4/13/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *25.793*

Samp_ID *AUS-0A4E-011-SS-0X_4/13/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A4E-011	Benzo(a)anthracene	SO	0.000	U	0	370	ug/kg	0
0A4E-011	Benzo(a)pyrene	SO	0.000	U	0	370	ug/kg	0
0A4E-011	Benzo(b)fluoranthene	SO	0.000	U	0	370	ug/kg	0
0A4E-011	Benzo(k)fluoranthene	SO	0.000	U	0	370	ug/kg	0
0A4E-011	Chrysene	SO	0.000	U	0	370	ug/kg	0
0A4E-011	Dibenzo(a,h)anthracene	SO	0.000	U	0	370	ug/kg	0
0A4E-011	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	370	ug/kg	0

'Samp_ID' = AUS-0A4E-011-SS-0X_4/13/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-0A4E-012-SD-0X_4/12/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A4E-012	Benzo(a)anthracene	SE	0.000	U	240	480	ug/kg	24
0A4E-012	Benzo(a)pyrene	SE	0.000	U	240	480	ug/kg	240
0A4E-012	Benzo(b)fluoranthene	SE	0.000	U	240	480	ug/kg	24
0A4E-012	Benzo(k)fluoranthene	SE	0.000	U	240	480	ug/kg	2.4
0A4E-012	Chrysene	SE	57.000	J	57	480	ug/kg	0.057
0A4E-012	Dibenzo(a,h)anthracene	SE	0.000	U	240	480	ug/kg	240
0A4E-012	Indeno(1,2,3-cd)pyrene	SE	0.000	U	240	480	ug/kg	24

'Samp_ID' = AUS-0A4E-012-SD-0X_4/12/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : **554.457**

Samp_ID *AUS-0A4E-013-SD-0X_4/12/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A4E-013	Benzo(a)anthracene	SE	0.000	U	0	460	ug/kg	0
0A4E-013	Benzo(a)pyrene	SE	0.000	U	0	460	ug/kg	0
0A4E-013	Benzo(b)fluoranthene	SE	0.000	U	0	460	ug/kg	0
0A4E-013	Benzo(k)fluoranthene	SE	0.000	U	0	460	ug/kg	0
0A4E-013	Chrysene	SE	0.000	U	0	460	ug/kg	0
0A4E-013	Dibenzo(a,h)anthracene	SE	0.000	U	0	460	ug/kg	0
0A4E-013	Indeno(1,2,3-cd)pyrene	SE	0.000	U	0	460	ug/kg	0

'Samp_ID' = AUS-0A4E-013-SD-0X_4/12/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-0A4E-014-SS-0X_4/12/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A4E-014	Benzo(a)anthracene	SO	0.000	U	0	410	ug/kg	0
0A4E-014	Benzo(a)pyrene	SO	0.000	U	0	410	ug/kg	0
0A4E-014	Benzo(b)fluoranthene	SO	0.000	U	0	410	ug/kg	0
0A4E-014	Benzo(k)fluoranthene	SO	0.000	U	0	410	ug/kg	0
0A4E-014	Chrysene	SO	0.000	U	0	410	ug/kg	0
0A4E-014	Dibenzo(a,h)anthracene	SO	0.000	U	0	410	ug/kg	0
0A4E-014	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	410	ug/kg	0

'Samp_ID' = AUS-0A4E-014-SS-0X_4/12/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-0A4E-015-SS-0X_4/13/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A4E-015	Benzo(a)anthracene	SO	0.000	U	0	480	ug/kg	0
0A4E-015	Benzo(a)pyrene	SO	0.000	U	0	480	ug/kg	0
0A4E-015	Benzo(b)fluoranthene	SO	0.000	U	0	480	ug/kg	0
0A4E-015	Benzo(k)fluoranthene	SO	0.000	U	0	480	ug/kg	0
0A4E-015	Chrysene	SO	0.000	U	0	480	ug/kg	0
0A4E-015	Dibenzo(a,h)anthracene	SO	0.000	U	0	480	ug/kg	0
0A4E-015	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	480	ug/kg	0

'Samp_ID' = AUS-0A4E-015-SS-0X_4/13/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-0A4E-016-SS-0X_4/14/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A4E-016	Benzo(a)anthracene	SO	0.000	U	0	420	ug/kg	0
0A4E-016	Benzo(a)pyrene	SO	0.000	U	0	420	ug/kg	0
0A4E-016	Benzo(b)fluoranthene	SO	0.000	U	0	420	ug/kg	0
0A4E-016	Benzo(k)fluoranthene	SO	0.000	U	0	420	ug/kg	0
0A4E-016	Chrysene	SO	0.000	U	0	420	ug/kg	0
0A4E-016	Dibenzo(a,h)anthracene	SO	0.000	U	0	420	ug/kg	0
0A4E-016	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	420	ug/kg	0

'Samp_ID' = AUS-0A4E-016-SS-0X_4/14/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-0A4E-017-SS-06_4/13/00_(6-6)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A4E-017	Benzo(a)anthracene	SO	0.000	U	0	6.2	ug/kg	0
0A4E-017	Benzo(a)pyrene	SO	0.000	U	0	6.2	ug/kg	0
0A4E-017	Benzo(b)fluoranthene	SO	0.000	U	0	8.3	ug/kg	0
0A4E-017	Benzo(k)fluoranthene	SO	0.000	U	0	6.2	ug/kg	0
0A4E-017	Chrysene	SO	0.000	U	0	6.2	ug/kg	0
0A4E-017	Dibenzo(a,h)anthracene	SO	0.000	U	0	10	ug/kg	0
0A4E-017	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	6.2	ug/kg	0

'Samp_ID' = AUS-0A4E-017-SS-06_4/13/00_(6-6)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-0A4E-017-SS-0X_4/13/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A4E-017	Benzo(a)anthracene	SO	0.000	U	2.6	5.2	ug/kg	0.26
0A4E-017	Benzo(a)pyrene	SO	10.000		10	5.2	ug/kg	10
0A4E-017	Benzo(b)fluoranthene	SO	0.000	U	3.45	6.9	ug/kg	0.345
0A4E-017	Benzo(k)fluoranthene	SO	0.000	U	2.6	5.2	ug/kg	0.026
0A4E-017	Chrysene	SO	0.000	U	2.6	5.2	ug/kg	0.0026
0A4E-017	Dibenzo(a,h)anthracene	SO	0.000	U	4.3	8.6	ug/kg	4.3
0A4E-017	Indeno(1,2,3-cd)pyrene	SO	0.000	U	2.6	5.2	ug/kg	0.26

'Samp_ID' = AUS-0A4E-017-SS-0X_4/13/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *15.1936*

Samp_ID *AUS-0A4E-018-SS-0X_4/13/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A4E-018	Benzo(a)anthracene	SO	0.000	U	0	440	ug/kg	0
0A4E-018	Benzo(a)pyrene	SO	0.000	U	0	440	ug/kg	0
0A4E-018	Benzo(b)fluoranthene	SO	0.000	U	0	440	ug/kg	0
0A4E-018	Benzo(k)fluoranthene	SO	0.000	U	0	440	ug/kg	0
0A4E-018	Chrysene	SO	0.000	U	0	440	ug/kg	0
0A4E-018	Dibenzo(a,h)anthracene	SO	0.000	U	0	440	ug/kg	0
0A4E-018	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	440	ug/kg	0

'Samp_ID' = AUS-0A4E-018-SS-0X_4/13/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-0A4E-019-SS-0X_4/13/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A4E-019	Benzo(a)anthracene	SO	90.000	J	90	420	ug/kg	9
0A4E-019	Benzo(a)pyrene	SO	0.000	U	210	420	ug/kg	210
0A4E-019	Benzo(b)fluoranthene	SO	0.000	U	210	420	ug/kg	21
0A4E-019	Benzo(k)fluoranthene	SO	0.000	U	210	420	ug/kg	2.1
0A4E-019	Chrysene	SO	100.000	J	100	420	ug/kg	0.1
0A4E-019	Dibenzo(a,h)anthracene	SO	0.000	U	210	420	ug/kg	210
0A4E-019	Indeno(1,2,3-cd)pyrene	SO	0.000	U	210	420	ug/kg	21

'Samp_ID' = AUS-0A4E-019-SS-0X_4/13/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : **473.2**

Samp_ID AUS-0A4E-020-SS-0X_4/13/00_(0-0.5)Grab_NM

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A4E-020	Benzo(a)anthracene	SO	77.000	J	77	410	ug/kg	7.7
0A4E-020	Benzo(a)pyrene	SO	64.000	J	64	410	ug/kg	64
0A4E-020	Benzo(b)fluoranthene	SO	120.000	J	120	410	ug/kg	12
0A4E-020	Benzo(k)fluoranthene	SO	0.000	U	205	410	ug/kg	2.05
0A4E-020	Chrysene	SO	93.000	J	93	410	ug/kg	0.093
0A4E-020	Dibenzo(a,h)anthracene	SO	0.000	U	205	410	ug/kg	205
0A4E-020	Indeno(1,2,3-cd)pyrene	SO	0.000	U	205	410	ug/kg	20.5

'Samp_ID' = AUS-0A4E-020-SS-0X_4/13/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : 311.343

Samp_ID AUS-0A4E-501-SS-0X_4/12/00_(0-0.5)Grab_DUP

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A4E-002	Benzo(a)anthracene	SO	0.000	U	0	400	ug/kg	0
0A4E-002	Benzo(a)pyrene	SO	0.000	U	0	400	ug/kg	0
0A4E-002	Benzo(b)fluoranthene	SO	0.000	U	0	400	ug/kg	0
0A4E-002	Benzo(k)fluoranthene	SO	0.000	U	0	400	ug/kg	0
0A4E-002	Chrysene	SO	0.000	U	0	400	ug/kg	0
0A4E-002	Dibenzo(a,h)anthracene	SO	0.000	U	0	400	ug/kg	0
0A4E-002	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	400	ug/kg	0

'Samp_ID' = AUS-0A4E-501-SS-0X_4/12/00_(0-0.5)Grab_DUP (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID AUS-0A4E-502-SD-0X_4/12/00_(0-0.5)Grab_DUP

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A4E-009	Benzo(a)anthracene	SE	0.000	U	0	510	ug/kg	0
0A4E-009	Benzo(a)pyrene	SE	0.000	U	0	510	ug/kg	0
0A4E-009	Benzo(b)fluoranthene	SE	0.000	U	0	510	ug/kg	0
0A4E-009	Benzo(k)fluoranthene	SE	0.000	U	0	510	ug/kg	0
0A4E-009	Chrysene	SE	0.000	U	0	510	ug/kg	0
0A4E-009	Dibenzo(a,h)anthracene	SE	0.000	U	0	510	ug/kg	0
0A4E-009	Indeno(1,2,3-cd)pyrene	SE	0.000	U	0	510	ug/kg	0

'Samp_ID' = AUS-0A4E-502-SD-0X_4/12/00_(0-0.5)Grab_DUP (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID AUS-0A4E-503-SS-0X_4/14/00_(0-0.5)Grab_DUP

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A4E-016	Benzo(a)anthracene	SO	0.000	U	0	420	ug/kg	0
0A4E-016	Benzo(a)pyrene	SO	0.000	U	0	420	ug/kg	0
0A4E-016	Benzo(b)fluoranthene	SO	0.000	U	0	420	ug/kg	0
0A4E-016	Benzo(k)fluoranthene	SO	0.000	U	0	420	ug/kg	0
0A4E-016	Chrysene	SO	0.000	U	0	420	ug/kg	0
0A4E-016	Dibenzo(a,h)anthracene	SO	0.000	U	0	420	ug/kg	0
0A4E-016	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	420	ug/kg	0

'Samp_ID' = AUS-0A4E-503-SS-0X_4/14/00_(0-0.5)Grab_DUP (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID AUS-0A4E-504-SS-0X_4/13/00_(0-0.5)Grab_DUP

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A4E-018	Benzo(a)anthracene	SO	0.000	U	0	380	ug/kg	0
0A4E-018	Benzo(a)pyrene	SO	0.000	U	0	380	ug/kg	0
0A4E-018	Benzo(b)fluoranthene	SO	0.000	U	0	380	ug/kg	0
0A4E-018	Benzo(k)fluoranthene	SO	0.000	U	0	380	ug/kg	0
0A4E-018	Chrysene	SO	0.000	U	0	380	ug/kg	0
0A4E-018	Dibenzo(a,h)anthracene	SO	0.000	U	0	380	ug/kg	0
0A4E-018	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	380	ug/kg	0

'Samp_ID' = AUS-0A4E-504-SS-0X_4/13/00_(0-0.5)Grab_DUP (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID AUS-0A4E-W01-SS-0X_4/7/00_(0-0.5)Grab_NM

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A4E-W01	Benzo(a)anthracene	SO	0.000	U	0	6.1	ug/kg	0
0A4E-W01	Benzo(a)pyrene	SO	0.000	U	0	6.1	ug/kg	0
0A4E-W01	Benzo(b)fluoranthene	SO	0.000	U	0	8.2	ug/kg	0
0A4E-W01	Benzo(k)fluoranthene	SO	0.000	U	0	6.1	ug/kg	0
0A4E-W01	Chrysene	SO	0.000	U	0	6.1	ug/kg	0
0A4E-W01	Dibenzo(a,h)anthracene	SO	0.000	U	0	10	ug/kg	0
0A4E-W01	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	6.1	ug/kg	0

'Samp_ID' = AUS-0A4E-W01-SS-0X_4/7/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-0A4E-W02-SS-0X_4/6/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A4E-W02	Benzo(a)anthracene	SO	0.000	U	0	6	ug/kg	0
0A4E-W02	Benzo(a)pyrene	SO	0.000	U	0	6	ug/kg	0
0A4E-W02	Benzo(b)fluoranthene	SO	0.000	U	0	8.1	ug/kg	0
0A4E-W02	Benzo(k)fluoranthene	SO	0.000	U	0	6	ug/kg	0
0A4E-W02	Chrysene	SO	0.000	U	0	6	ug/kg	0
0A4E-W02	Dibenzo(a,h)anthracene	SO	0.000	U	0	10	ug/kg	0
0A4E-W02	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	6	ug/kg	0

'Samp_ID' = AUS-0A4E-W02-SS-0X_4/6/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-0A4E-W03-SS-12_4/6/00_(12-12)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A4E-W03	Benzo(a)anthracene	SO	0.000	U	0	6.2	ug/kg	0
0A4E-W03	Benzo(a)pyrene	SO	0.000	U	0	6.2	ug/kg	0
0A4E-W03	Benzo(b)fluoranthene	SO	0.000	U	0	8.3	ug/kg	0
0A4E-W03	Benzo(k)fluoranthene	SO	0.000	U	0	6.2	ug/kg	0
0A4E-W03	Chrysene	SO	0.000	U	0	6.2	ug/kg	0
0A4E-W03	Dibenzo(a,h)anthracene	SO	0.000	U	0	10	ug/kg	0
0A4E-W03	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	6.2	ug/kg	0

'Samp_ID' = AUS-0A4E-W03-SS-12_4/6/00_(12-12)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-0A4E-W03-SS-18_4/6/00_(18-18)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A4E-W03	Benzo(a)anthracene	SO	0.000	U	0	6	ug/kg	0
0A4E-W03	Benzo(a)pyrene	SO	0.000	U	0	6	ug/kg	0
0A4E-W03	Benzo(b)fluoranthene	SO	0.000	U	0	8	ug/kg	0
0A4E-W03	Benzo(k)fluoranthene	SO	0.000	U	0	6	ug/kg	0
0A4E-W03	Chrysene	SO	0.000	U	0	6	ug/kg	0
0A4E-W03	Dibenzo(a,h)anthracene	SO	0.000	U	0	9.9	ug/kg	0
0A4E-W03	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	6	ug/kg	0

'Samp_ID' = AUS-0A4E-W03-SS-18_4/6/00_(18-18)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-0A4E-W03-SS-24_4/6/00_(24-24)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A4E-W03	Benzo(a)anthracene	SO	0.000	U	0	5.8	ug/kg	0
0A4E-W03	Benzo(a)pyrene	SO	0.000	U	0	5.8	ug/kg	0
0A4E-W03	Benzo(b)fluoranthene	SO	0.000	U	0	7.8	ug/kg	0
0A4E-W03	Benzo(k)fluoranthene	SO	0.000	U	0	5.8	ug/kg	0
0A4E-W03	Chrysene	SO	0.000	U	0	5.8	ug/kg	0
0A4E-W03	Dibenzo(a,h)anthracene	SO	0.000	U	0	9.7	ug/kg	0
0A4E-W03	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	5.8	ug/kg	0

'Samp_ID' = AUS-0A4E-W03-SS-24_4/6/00_(24-24)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-0A4E-W51-SS-0X_4/6/00_(0-0.5)Grab_DUP*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A4E-W02	Benzo(a)anthracene	SO	0.000	U	0	6	ug/kg	0
0A4E-W02	Benzo(a)pyrene	SO	0.000	U	0	6	ug/kg	0
0A4E-W02	Benzo(b)fluoranthene	SO	0.000	U	0	8.1	ug/kg	0
0A4E-W02	Benzo(k)fluoranthene	SO	0.000	U	0	6	ug/kg	0
0A4E-W02	Chrysene	SO	0.000	U	0	6	ug/kg	0
0A4E-W02	Dibenzo(a,h)anthracene	SO	0.000	U	0	10	ug/kg	0
0A4E-W02	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	6	ug/kg	0

'Samp_ID' = AUS-0A4E-W51-SS-0X_4/6/00_(0-0.5)Grab_DUP (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-0A4W-001-SS-02_4/17/00_(2-2)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A4W-001	Benzo(a)anthracene	SO	0.000	U	0	420	ug/kg	0
0A4W-001	Benzo(a)pyrene	SO	0.000	U	0	420	ug/kg	0
0A4W-001	Benzo(b)fluoranthene	SO	0.000	U	0	420	ug/kg	0
0A4W-001	Benzo(k)fluoranthene	SO	0.000	U	0	420	ug/kg	0
0A4W-001	Chrysene	SO	0.000	U	0	420	ug/kg	0
0A4W-001	Dibenzo(a,h)anthracene	SO	0.000	U	0	420	ug/kg	0
0A4W-001	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	420	ug/kg	0

'Samp_ID' = AUS-0A4W-001-SS-02_4/17/00_(2-2)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-0A4W-001-SS-05_4/17/00_(5-5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A4W-001	Benzo(a)anthracene	SO	0.000	U	0	380	ug/kg	0
0A4W-001	Benzo(a)pyrene	SO	0.000	U	0	380	ug/kg	0
0A4W-001	Benzo(b)fluoranthene	SO	0.000	U	0	380	ug/kg	0
0A4W-001	Benzo(k)fluoranthene	SO	0.000	U	0	380	ug/kg	0
0A4W-001	Chrysene	SO	0.000	U	0	380	ug/kg	0
0A4W-001	Dibenzo(a,h)anthracene	SO	0.000	U	0	380	ug/kg	0
0A4W-001	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	380	ug/kg	0

'Samp_ID' = AUS-0A4W-001-SS-05_4/17/00_(5-5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-0A4W-002-SS-0X_4/14/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A4W-002	Benzo(a)anthracene	SO	0.000	U	0	420	ug/kg	0
0A4W-002	Benzo(a)pyrene	SO	0.000	U	0	420	ug/kg	0
0A4W-002	Benzo(b)fluoranthene	SO	0.000	U	0	420	ug/kg	0
0A4W-002	Benzo(k)fluoranthene	SO	0.000	U	0	420	ug/kg	0
0A4W-002	Chrysene	SO	0.000	U	0	420	ug/kg	0
0A4W-002	Dibenzo(a,h)anthracene	SO	0.000	U	0	420	ug/kg	0
0A4W-002	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	420	ug/kg	0

'Samp_ID' = AUS-0A4W-002-SS-0X_4/14/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-0A4W-011-SS-0X_4/3/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A4W-011	Benzo(a)anthracene	SO	0.000	U	0	440	ug/kg	0
0A4W-011	Benzo(a)pyrene	SO	0.000	U	0	440	ug/kg	0
0A4W-011	Benzo(b)fluoranthene	SO	0.000	U	0	440	ug/kg	0
0A4W-011	Benzo(k)fluoranthene	SO	0.000	U	0	440	ug/kg	0
0A4W-011	Chrysene	SO	0.000	U	0	440	ug/kg	0
0A4W-011	Dibenzo(a,h)anthracene	SO	0.000	U	0	440	ug/kg	0
0A4W-011	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	440	ug/kg	0

'Samp_ID' = AUS-0A4W-011-SS-0X_4/3/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-0A4W-012-SS-0X_4/3/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A4W-012	Benzo(a)anthracene	SO	130.000	J	130	410	ug/kg	13
0A4W-012	Benzo(a)pyrene	SO	97.000	J	97	410	ug/kg	97
0A4W-012	Benzo(b)fluoranthene	SO	50.000	J	50	410	ug/kg	5
0A4W-012	Benzo(k)fluoranthene	SO	100.000	J	100	410	ug/kg	1
0A4W-012	Chrysene	SO	170.000	J	170	410	ug/kg	0.17
0A4W-012	Dibenzo(a,h)anthracene	SO	0.000	U	205	410	ug/kg	205
0A4W-012	Indeno(1,2,3-cd)pyrene	SO	0.000	U	205	410	ug/kg	20.5

'Samp_ID' = AUS-0A4W-012-SS-0X_4/3/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : **341.67**

Samp_ID *AUS-0A4W-013-SS-06_4/14/00_(6-6)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A4W-013	Benzo(a)anthracene	SO	0.000	U	0	430	ug/kg	0
0A4W-013	Benzo(a)pyrene	SO	0.000	U	0	430	ug/kg	0
0A4W-013	Benzo(b)fluoranthene	SO	0.000	U	0	430	ug/kg	0
0A4W-013	Benzo(k)fluoranthene	SO	0.000	U	0	430	ug/kg	0
0A4W-013	Chrysene	SO	0.000	U	0	430	ug/kg	0
0A4W-013	Dibenzo(a,h)anthracene	SO	0.000	U	0	430	ug/kg	0
0A4W-013	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	430	ug/kg	0

'Samp_ID' = AUS-0A4W-013-SS-06_4/14/00_(6-6)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-0A4W-502-SS-0X_4/3/00_(0-0.5)Grab_DUP*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A4W-012	Benzo(a)anthracene	SO	72.000	J	72	410	ug/kg	7.2
0A4W-012	Benzo(a)pyrene	SO	0.000	U	205	410	ug/kg	205
0A4W-012	Benzo(b)fluoranthene	SO	63.000	J	63	410	ug/kg	6.3
0A4W-012	Benzo(k)fluoranthene	SO	0.000	U	205	410	ug/kg	2.05
0A4W-012	Chrysene	SO	89.000	J	89	410	ug/kg	0.089
0A4W-012	Dibenzo(a,h)anthracene	SO	0.000	U	205	410	ug/kg	205
0A4W-012	Indeno(1,2,3-cd)pyrene	SO	0.000	U	205	410	ug/kg	20.5

'Samp_ID' = AUS-0A4W-502-SS-0X_4/3/00_(0-0.5)Grab_DUP (7 detail records)

Toxic Equivalency Quotient (TEQ) : **446.139**

Samp_ID AUS-0A8S-001-SD-0X_4/11/00_(0-0.5)Grab_NM

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A8S-001	Benzo(a)anthracene	SE	0.000	U	0	470	ug/kg	0
0A8S-001	Benzo(a)pyrene	SE	0.000	U	0	470	ug/kg	0
0A8S-001	Benzo(b)fluoranthene	SE	0.000	U	0	470	ug/kg	0
0A8S-001	Benzo(k)fluoranthene	SE	0.000	U	0	470	ug/kg	0
0A8S-001	Chrysene	SE	0.000	U	0	470	ug/kg	0
0A8S-001	Dibenzo(a,h)anthracene	SE	0.000	U	0	470	ug/kg	0
0A8S-001	Indeno(1,2,3-cd)pyrene	SE	0.000	U	0	470	ug/kg	0

'Samp_ID' = AUS-0A8S-001-SD-0X_4/11/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID AUS-0A8S-002-SD-0X_4/11/00_(0-0.5)Grab_NM

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A8S-002	Benzo(a)anthracene	SE	0.000	U	0	480	ug/kg	0
0A8S-002	Benzo(a)pyrene	SE	0.000	U	0	480	ug/kg	0
0A8S-002	Benzo(b)fluoranthene	SE	0.000	U	0	480	ug/kg	0
0A8S-002	Benzo(k)fluoranthene	SE	0.000	U	0	480	ug/kg	0
0A8S-002	Chrysene	SE	0.000	U	0	480	ug/kg	0
0A8S-002	Dibenzo(a,h)anthracene	SE	0.000	U	0	480	ug/kg	0
0A8S-002	Indeno(1,2,3-cd)pyrene	SE	0.000	U	0	480	ug/kg	0

'Samp_ID' = AUS-0A8S-002-SD-0X_4/11/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-0A8S-004-SD-0X_4/11/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A8S-004	Benzo(a)anthracene	SO	0.000	U	0	450	ug/kg	0
0A8S-004	Benzo(a)pyrene	SO	0.000	U	0	450	ug/kg	0
0A8S-004	Benzo(b)fluoranthene	SO	0.000	U	0	450	ug/kg	0
0A8S-004	Benzo(k)fluoranthene	SO	0.000	U	0	450	ug/kg	0
0A8S-004	Chrysene	SO	0.000	U	0	450	ug/kg	0
0A8S-004	Dibenzo(a,h)anthracene	SO	0.000	U	0	450	ug/kg	0
0A8S-004	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	450	ug/kg	0

'Samp_ID' = AUS-0A8S-004-SD-0X_4/11/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-0A8S-005-DRUM_4/11/00_(0-0)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A8S-005	Benzo(a)anthracene	DR	0.000	U	0	440	ug/kg	0
0A8S-005	Benzo(a)pyrene	DR	0.000	U	0	440	ug/kg	0
0A8S-005	Benzo(b)fluoranthene	DR	0.000	U	0	440	ug/kg	0
0A8S-005	Benzo(k)fluoranthene	DR	0.000	U	0	440	ug/kg	0
0A8S-005	Chrysene	DR	0.000	U	0	440	ug/kg	0
0A8S-005	Dibenzo(a,h)anthracene	DR	0.000	U	0	440	ug/kg	0
0A8S-005	Indeno(1,2,3-cd)pyrene	DR	0.000	U	0	440	ug/kg	0

'Samp_ID' = AUS-0A8S-005-DRUM_4/11/00_(0-0)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID AUS-0A8S-005-SS-0X_4/11/00_(0-0.5)Grab_NM

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A8S-005	Benzo(a)anthracene	SO	0.000	U	0	430	ug/kg	0
0A8S-005	Benzo(a)pyrene	SO	0.000	U	0	430	ug/kg	0
0A8S-005	Benzo(b)fluoranthene	SO	0.000	U	0	430	ug/kg	0
0A8S-005	Benzo(k)fluoranthene	SO	0.000	U	0	430	ug/kg	0
0A8S-005	Chrysene	SO	0.000	U	0	430	ug/kg	0
0A8S-005	Dibenzo(a,h)anthracene	SO	0.000	U	0	430	ug/kg	0
0A8S-005	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	430	ug/kg	0

'Samp_ID' = AUS-0A8S-005-SS-0X_4/11/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID AUS-0A8S-006-SD-0X_4/11/00_(0-0.5)Grab_NM

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A8S-006	Benzo(a)anthracene	SE	0.000	U	0	460	ug/kg	0
0A8S-006	Benzo(a)pyrene	SE	0.000	U	0	460	ug/kg	0
0A8S-006	Benzo(b)fluoranthene	SE	0.000	U	0	460	ug/kg	0
0A8S-006	Benzo(k)fluoranthene	SE	0.000	U	0	460	ug/kg	0
0A8S-006	Chrysene	SE	0.000	U	0	460	ug/kg	0
0A8S-006	Dibenzo(a,h)anthracene	SE	0.000	U	0	460	ug/kg	0
0A8S-006	Indeno(1,2,3-cd)pyrene	SE	0.000	U	0	460	ug/kg	0

'Samp_ID' = AUS-0A8S-006-SD-0X_4/11/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-0A8S-008-SS-0X_4/12/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A8S-008	Benzo(a)anthracene	SO	0.000	U	0	410	ug/kg	0
0A8S-008	Benzo(a)pyrene	SO	0.000	U	0	410	ug/kg	0
0A8S-008	Benzo(b)fluoranthene	SO	0.000	U	0	410	ug/kg	0
0A8S-008	Benzo(k)fluoranthene	SO	0.000	U	0	410	ug/kg	0
0A8S-008	Chrysene	SO	0.000	U	0	410	ug/kg	0
0A8S-008	Dibenzo(a,h)anthracene	SO	0.000	U	0	410	ug/kg	0
0A8S-008	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	410	ug/kg	0

'Samp_ID' = AUS-0A8S-008-SS-0X_4/12/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-0A8S-009-SS-0X_4/11/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A8S-009	Benzo(a)anthracene	SO	0.000	U	0	420	ug/kg	0
0A8S-009	Benzo(a)pyrene	SO	0.000	U	0	420	ug/kg	0
0A8S-009	Benzo(b)fluoranthene	SO	0.000	U	0	420	ug/kg	0
0A8S-009	Benzo(k)fluoranthene	SO	0.000	U	0	420	ug/kg	0
0A8S-009	Chrysene	SO	0.000	U	0	420	ug/kg	0
0A8S-009	Dibenzo(a,h)anthracene	SO	0.000	U	0	420	ug/kg	0
0A8S-009	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	420	ug/kg	0

'Samp_ID' = AUS-0A8S-009-SS-0X_4/11/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID AUS-0A8S-012-SD-0X_4/10/00_(0-0.5)Grab_NM

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A8S-012	Benzo(a)anthracene	SE	0.000	U	240	480	ug/kg	24
0A8S-012	Benzo(a)pyrene	SE	57.000	J	57	480	ug/kg	57
0A8S-012	Benzo(b)fluoranthene	SE	100.000	J	100	480	ug/kg	10
0A8S-012	Benzo(k)fluoranthene	SE	61.000	J	61	480	ug/kg	0.61
0A8S-012	Chrysene	SE	100.000	J	100	480	ug/kg	0.1
0A8S-012	Dibenzo(a,h)anthracene	SE	0.000	U	240	480	ug/kg	240
0A8S-012	Indeno(1,2,3-cd)pyrene	SE	0.000	U	240	480	ug/kg	24

'Samp_ID' = AUS-0A8S-012-SD-0X_4/10/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : 355.71

Samp_ID AUS-0A8S-016-SS-0X_4/10/00_(0-0.5)Grab_NM

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A8S-016	Benzo(a)anthracene	SO	0.000	U	0	420	ug/kg	0
0A8S-016	Benzo(a)pyrene	SO	0.000	U	0	420	ug/kg	0
0A8S-016	Benzo(b)fluoranthene	SO	0.000	U	0	420	ug/kg	0
0A8S-016	Benzo(k)fluoranthene	SO	0.000	U	0	420	ug/kg	0
0A8S-016	Chrysene	SO	0.000	U	0	420	ug/kg	0
0A8S-016	Dibenzo(a,h)anthracene	SO	0.000	U	0	420	ug/kg	0
0A8S-016	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	420	ug/kg	0

'Samp_ID' = AUS-0A8S-016-SS-0X_4/10/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-0A8S-017-SD-0X_4/11/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A8S-017	Benzo(a)anthracene	SO	0.000	U	0	450	ug/kg	0
0A8S-017	Benzo(a)pyrene	SO	0.000	U	0	450	ug/kg	0
0A8S-017	Benzo(b)fluoranthene	SO	0.000	U	0	450	ug/kg	0
0A8S-017	Benzo(k)fluoranthene	SO	0.000	U	0	450	ug/kg	0
0A8S-017	Chrysene	SO	0.000	U	0	450	ug/kg	0
0A8S-017	Dibenzo(a,h)anthracene	SO	0.000	U	0	450	ug/kg	0
0A8S-017	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	450	ug/kg	0

'Samp_ID' = AUS-0A8S-017-SD-0X_4/11/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-0A8S-018-SS-0X_4/12/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A8S-018	Benzo(a)anthracene	SO	0.000	U	0	410	ug/kg	0
0A8S-018	Benzo(a)pyrene	SO	0.000	U	0	410	ug/kg	0
0A8S-018	Benzo(b)fluoranthene	SO	0.000	U	0	410	ug/kg	0
0A8S-018	Benzo(k)fluoranthene	SO	0.000	U	0	410	ug/kg	0
0A8S-018	Chrysene	SO	0.000	U	0	410	ug/kg	0
0A8S-018	Dibenzo(a,h)anthracene	SO	0.000	U	0	410	ug/kg	0
0A8S-018	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	410	ug/kg	0

'Samp_ID' = AUS-0A8S-018-SS-0X_4/12/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-0A8S-019-SS-0X_4/10/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A8S-019	Benzo(a)anthracene	SO	0.000	U	0	440	ug/kg	0
0A8S-019	Benzo(a)pyrene	SO	0.000	U	0	440	ug/kg	0
0A8S-019	Benzo(b)fluoranthene	SO	0.000	U	0	440	ug/kg	0
0A8S-019	Benzo(k)fluoranthene	SO	0.000	U	0	440	ug/kg	0
0A8S-019	Chrysene	SO	0.000	U	0	440	ug/kg	0
0A8S-019	Dibenzo(a,h)anthracene	SO	0.000	U	0	440	ug/kg	0
0A8S-019	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	440	ug/kg	0

'Samp_ID' = AUS-0A8S-019-SS-0X_4/10/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-0A8S-020-SS-0X_4/11/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A8S-020	Benzo(a)anthracene	SO	0.000	U	0	430	ug/kg	0
0A8S-020	Benzo(a)pyrene	SO	0.000	U	0	430	ug/kg	0
0A8S-020	Benzo(b)fluoranthene	SO	0.000	U	0	430	ug/kg	0
0A8S-020	Benzo(k)fluoranthene	SO	0.000	U	0	430	ug/kg	0
0A8S-020	Chrysene	SO	0.000	U	0	430	ug/kg	0
0A8S-020	Dibenzo(a,h)anthracene	SO	0.000	U	0	430	ug/kg	0
0A8S-020	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	430	ug/kg	0

'Samp_ID' = AUS-0A8S-020-SS-0X_4/11/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-0A8S-021-SS-0X_4/11/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A8S-021	Benzo(a)anthracene	SO	0.000	U	0	420	ug/kg	0
0A8S-021	Benzo(a)pyrene	SO	0.000	U	0	420	ug/kg	0
0A8S-021	Benzo(b)fluoranthene	SO	0.000	U	0	420	ug/kg	0
0A8S-021	Benzo(k)fluoranthene	SO	0.000	U	0	420	ug/kg	0
0A8S-021	Chrysene	SO	0.000	U	0	420	ug/kg	0
0A8S-021	Dibenzo(a,h)anthracene	SO	0.000	U	0	420	ug/kg	0
0A8S-021	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	420	ug/kg	0

'Samp_ID' = AUS-0A8S-021-SS-0X_4/11/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-0A8S-022-SD-0X_4/11/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A8S-022	Benzo(a)anthracene	SO	0.000	U	0	460	ug/kg	0
0A8S-022	Benzo(a)pyrene	SO	0.000	U	0	460	ug/kg	0
0A8S-022	Benzo(b)fluoranthene	SO	0.000	U	0	460	ug/kg	0
0A8S-022	Benzo(k)fluoranthene	SO	0.000	U	0	460	ug/kg	0
0A8S-022	Chrysene	SO	0.000	U	0	460	ug/kg	0
0A8S-022	Dibenzo(a,h)anthracene	SO	0.000	U	0	460	ug/kg	0
0A8S-022	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	460	ug/kg	0

'Samp_ID' = AUS-0A8S-022-SD-0X_4/11/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID AUS-0A8S-023-SD-0X_4/10/00_(0-0.5)Grab_NM

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A8S-023	Benzo(a)anthracene	SE	170.000	J	170	850	ug/kg	17
0A8S-023	Benzo(a)pyrene	SE	260.000	J	260	850	ug/kg	260
0A8S-023	Benzo(b)fluoranthene	SE	340.000	J	340	850	ug/kg	34
0A8S-023	Benzo(k)fluoranthene	SE	280.000	J	280	850	ug/kg	2.8
0A8S-023	Chrysene	SE	290.000	J	290	850	ug/kg	0.29
0A8S-023	Dibenzo(a,h)anthracene	SE	0.000	U	425	850	ug/kg	425
0A8S-023	Indeno(1,2,3-cd)pyrene	SE	180.000	J	180	850	ug/kg	18

'Samp_ID' = AUS-0A8S-023-SD-0X_4/10/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : **757.09**

Samp_ID AUS-0A8S-024-SD-0X_4/10/00_(0-0.5)Grab_NM

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A8S-024	Benzo(a)anthracene	SE	0.000	U	0	530	ug/kg	0
0A8S-024	Benzo(a)pyrene	SE	0.000	U	0	530	ug/kg	0
0A8S-024	Benzo(b)fluoranthene	SE	0.000	U	0	530	ug/kg	0
0A8S-024	Benzo(k)fluoranthene	SE	0.000	U	0	530	ug/kg	0
0A8S-024	Chrysene	SE	0.000	U	0	530	ug/kg	0
0A8S-024	Dibenzo(a,h)anthracene	SE	0.000	U	0	530	ug/kg	0
0A8S-024	Indeno(1,2,3-cd)pyrene	SE	0.000	U	0	530	ug/kg	0

'Samp_ID' = AUS-0A8S-024-SD-0X_4/10/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID AUS-0A8S-025-SS-0X_4/10/00_(0-0.5)Grab_NM

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A8S-025	Benzo(a)anthracene	SO	0.000	U	0	430	ug/kg	0
0A8S-025	Benzo(a)pyrene	SO	0.000	U	0	430	ug/kg	0
0A8S-025	Benzo(b)fluoranthene	SO	0.000	U	0	430	ug/kg	0
0A8S-025	Benzo(k)fluoranthene	SO	0.000	U	0	430	ug/kg	0
0A8S-025	Chrysene	SO	0.000	U	0	430	ug/kg	0
0A8S-025	Dibenzo(a,h)anthracene	SO	0.000	U	0	430	ug/kg	0
0A8S-025	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	430	ug/kg	0

'Samp_ID' = AUS-0A8S-025-SS-0X_4/10/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID AUS-0A8S-026-SS-0X_4/10/00_(0-0.5)Grab_NM

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A8S-026	Benzo(a)anthracene	SO	0.000	U	0	420	ug/kg	0
0A8S-026	Benzo(a)pyrene	SO	0.000	U	0	420	ug/kg	0
0A8S-026	Benzo(b)fluoranthene	SO	0.000	U	0	420	ug/kg	0
0A8S-026	Benzo(k)fluoranthene	SO	0.000	U	0	420	ug/kg	0
0A8S-026	Chrysene	SO	0.000	U	0	420	ug/kg	0
0A8S-026	Dibenzo(a,h)anthracene	SO	0.000	U	0	420	ug/kg	0
0A8S-026	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	420	ug/kg	0

'Samp_ID' = AUS-0A8S-026-SS-0X_4/10/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID AUS-0A8S-027-SS-0X_4/10/00_(0-0.5)Grab_NM

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A8S-027	Benzo(a)anthracene	SO	0.000	U	0	430	ug/kg	0
0A8S-027	Benzo(a)pyrene	SO	0.000	U	0	430	ug/kg	0
0A8S-027	Benzo(b)fluoranthene	SO	0.000	U	0	430	ug/kg	0
0A8S-027	Benzo(k)fluoranthene	SO	0.000	U	0	430	ug/kg	0
0A8S-027	Chrysene	SO	0.000	U	0	430	ug/kg	0
0A8S-027	Dibenzo(a,h)anthracene	SO	0.000	U	0	430	ug/kg	0
0A8S-027	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	430	ug/kg	0

'Samp_ID' = AUS-0A8S-027-SS-0X_4/10/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID AUS-0A8S-028-SD-0X_4/10/00_(0-0.5)Grab_NM

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A8S-028	Benzo(a)anthracene	SO	0.000	U	0	420	ug/kg	0
0A8S-028	Benzo(a)pyrene	SO	0.000	U	0	420	ug/kg	0
0A8S-028	Benzo(b)fluoranthene	SO	0.000	U	0	420	ug/kg	0
0A8S-028	Benzo(k)fluoranthene	SO	0.000	U	0	420	ug/kg	0
0A8S-028	Chrysene	SO	0.000	U	0	420	ug/kg	0
0A8S-028	Dibenzo(a,h)anthracene	SO	0.000	U	0	420	ug/kg	0
0A8S-028	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	420	ug/kg	0

'Samp_ID' = AUS-0A8S-028-SD-0X_4/10/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-0A8S-029-SS-0X_4/12/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A8S-029	Benzo(a)anthracene	SO	0.000	U	0	440	ug/kg	0
0A8S-029	Benzo(a)pyrene	SO	0.000	U	0	440	ug/kg	0
0A8S-029	Benzo(b)fluoranthene	SO	0.000	U	0	440	ug/kg	0
0A8S-029	Benzo(k)fluoranthene	SO	0.000	U	0	440	ug/kg	0
0A8S-029	Chrysene	SO	0.000	U	0	440	ug/kg	0
0A8S-029	Dibenzo(a,h)anthracene	SO	0.000	U	0	440	ug/kg	0
0A8S-029	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	440	ug/kg	0

'Samp_ID' = AUS-0A8S-029-SS-0X_4/12/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-0A8S-030-SL-0X_4/11/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A8S-030	Benzo(a)anthracene	SL	240.000	J	240	440	ug/kg	24
0A8S-030	Benzo(a)pyrene	SL	300.000	J	300	440	ug/kg	300
0A8S-030	Benzo(b)fluoranthene	SL	280.000	J	280	440	ug/kg	28
0A8S-030	Benzo(k)fluoranthene	SL	200.000	J	200	440	ug/kg	2
0A8S-030	Chrysene	SL	270.000	J	270	440	ug/kg	0.27
0A8S-030	Dibenzo(a,h)anthracene	SL	0.000	U	220	440	ug/kg	220
0A8S-030	Indeno(1,2,3-cd)pyrene	SL	190.000	J	190	440	ug/kg	19

'Samp_ID' = AUS-0A8S-030-SL-0X_4/11/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : **593.27**

Samp_ID AUS-0A8S-031-SS-05_4/17/00_(5-5)Grab_NM

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A8S-031	Benzo(a)anthracene	SO	0.000	U	0	420	ug/kg	0
0A8S-031	Benzo(a)pyrene	SO	0.000	U	0	420	ug/kg	0
0A8S-031	Benzo(b)fluoranthene	SO	0.000	U	0	420	ug/kg	0
0A8S-031	Benzo(k)fluoranthene	SO	0.000	U	0	420	ug/kg	0
0A8S-031	Chrysene	SO	0.000	U	0	420	ug/kg	0
0A8S-031	Dibenzo(a,h)anthracene	SO	0.000	U	0	420	ug/kg	0
0A8S-031	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	420	ug/kg	0

'Samp_ID' = AUS-0A8S-031-SS-05_4/17/00_(5-5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID AUS-0A8S-031-SS-08_4/17/00_(8-8)Grab_NM

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A8S-031	Benzo(a)anthracene	SO	0.000	U	0	420	ug/kg	0
0A8S-031	Benzo(a)pyrene	SO	0.000	U	0	420	ug/kg	0
0A8S-031	Benzo(b)fluoranthene	SO	0.000	U	0	420	ug/kg	0
0A8S-031	Benzo(k)fluoranthene	SO	0.000	U	0	420	ug/kg	0
0A8S-031	Chrysene	SO	0.000	U	0	420	ug/kg	0
0A8S-031	Dibenzo(a,h)anthracene	SO	0.000	U	0	420	ug/kg	0
0A8S-031	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	420	ug/kg	0

'Samp_ID' = AUS-0A8S-031-SS-08_4/17/00_(8-8)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-0A8S-032-SD-0X_5/2/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A8S-032	Benzo(a)anthracene	SE	210.000	J	210	480	ug/kg	21
0A8S-032	Benzo(a)pyrene	SE	120.000	J	120	480	ug/kg	120
0A8S-032	Benzo(b)fluoranthene	SE	130.000	J	130	480	ug/kg	13
0A8S-032	Benzo(k)fluoranthene	SE	0.000	U	240	480	ug/kg	2.4
0A8S-032	Chrysene	SE	190.000	J	190	480	ug/kg	0.19
0A8S-032	Dibenzo(a,h)anthracene	SE	0.000	U	240	480	ug/kg	240
0A8S-032	Indeno(1,2,3-cd)pyrene	SE	0.000	U	240	480	ug/kg	24

'Samp_ID' = AUS-0A8S-032-SD-0X_5/2/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : **420.59**

Samp_ID *AUS-0A8S-504-SD-0X_4/11/00_(0-0.5)Grab_DUP*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A8S-017	Benzo(a)anthracene	SO	63.000	J	63	460	ug/kg	6.3
0A8S-017	Benzo(a)pyrene	SO	72.000	J	72	460	ug/kg	72
0A8S-017	Benzo(b)fluoranthene	SO	87.000	J	87	460	ug/kg	8.7
0A8S-017	Benzo(k)fluoranthene	SO	67.000	J	67	460	ug/kg	0.67
0A8S-017	Chrysene	SO	84.000	J	84	460	ug/kg	0.084
0A8S-017	Dibenzo(a,h)anthracene	SO	0.000	U	230	460	ug/kg	230
0A8S-017	Indeno(1,2,3-cd)pyrene	SO	0.000	U	230	460	ug/kg	23

'Samp_ID' = AUS-0A8S-504-SD-0X_4/11/00_(0-0.5)Grab_DUP (7 detail records)

Toxic Equivalency Quotient (TEQ) : **340.754**

Samp_ID *AUS-0A8S-506-SS-0X_4/11/00_(0-0.5)Grab_DUP*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A8S-020	Benzo(a)anthracene	SO	0.000	U	0	430	ug/kg	0
0A8S-020	Benzo(a)pyrene	SO	0.000	U	0	430	ug/kg	0
0A8S-020	Benzo(b)fluoranthene	SO	0.000	U	0	430	ug/kg	0
0A8S-020	Benzo(k)fluoranthene	SO	0.000	U	0	430	ug/kg	0
0A8S-020	Chrysene	SO	0.000	U	0	430	ug/kg	0
0A8S-020	Dibenzo(a,h)anthracene	SO	0.000	U	0	430	ug/kg	0
0A8S-020	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	430	ug/kg	0

'Samp_ID' = AUS-0A8S-506-SS-0X_4/11/00_(0-0.5)Grab_DUP (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-0A8S-508-SS-0X_4/10/00_(0-0.5)Grab_DUP*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A8S-026	Benzo(a)anthracene	SO	0.000	U	0	440	ug/kg	0
0A8S-026	Benzo(a)pyrene	SO	0.000	U	0	440	ug/kg	0
0A8S-026	Benzo(b)fluoranthene	SO	0.000	U	0	440	ug/kg	0
0A8S-026	Benzo(k)fluoranthene	SO	0.000	U	0	440	ug/kg	0
0A8S-026	Chrysene	SO	0.000	U	0	440	ug/kg	0
0A8S-026	Dibenzo(a,h)anthracene	SO	0.000	U	0	440	ug/kg	0
0A8S-026	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	440	ug/kg	0

'Samp_ID' = AUS-0A8S-508-SS-0X_4/10/00_(0-0.5)Grab_DUP (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-0A8S-509-SL-0X_4/11/00_(0-0.5)Grab_DUP*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A8S-030	Benzo(a)anthracene	SL	940.000		940	440	ug/kg	94
0A8S-030	Benzo(a)pyrene	SL	1100.000		1100	440	ug/kg	1100
0A8S-030	Benzo(b)fluoranthene	SL	1400.000		1400	440	ug/kg	140
0A8S-030	Benzo(k)fluoranthene	SL	1100.000		1100	440	ug/kg	11
0A8S-030	Chrysene	SL	1100.000		1100	440	ug/kg	1.1
0A8S-030	Dibenzo(a,h)anthracene	SL	240.000	J	240	440	ug/kg	240
0A8S-030	Indeno(1,2,3-cd)pyrene	SL	500.000		500	440	ug/kg	50

'Samp_ID' = AUS-0A8S-509-SL-0X_4/11/00_(0-0.5)Grab_DUP (7 detail records)

Toxic Equivalency Quotient (TEQ) : 1636.1

Samp_ID *AUS-0A8S-W02-SS-0X_4/11/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A8S-W02	Benzo(a)anthracene	SO	0.000	U	0	410	ug/kg	0
0A8S-W02	Benzo(a)pyrene	SO	0.000	U	0	410	ug/kg	0
0A8S-W02	Benzo(b)fluoranthene	SO	0.000	U	0	410	ug/kg	0
0A8S-W02	Benzo(k)fluoranthene	SO	0.000	U	0	410	ug/kg	0
0A8S-W02	Chrysene	SO	0.000	U	0	410	ug/kg	0
0A8S-W02	Dibenzo(a,h)anthracene	SO	0.000	U	0	410	ug/kg	0
0A8S-W02	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	410	ug/kg	0

'Samp_ID' = AUS-0A8S-W02-SS-0X_4/11/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-0A8S-W03-SS-0X_4/13/00_(0-0.5)Grab_NM*

LOC_ID	*Analyte*	*Matrix*	*Result*	*Lab Flag*	*ResUse*	*RDL*	*Units*	*Toxic Equivalent*
0A8S-W03	Benzo(a)anthracene	SO	0.000	U	0	400	ug/kg	0
0A8S-W03	Benzo(a)pyrene	SO	0.000	U	0	400	ug/kg	0
0A8S-W03	Benzo(b)fluoranthene	SO	0.000	U	0	400	ug/kg	0
0A8S-W03	Benzo(k)fluoranthene	SO	0.000	U	0	400	ug/kg	0
0A8S-W03	Chrysene	SO	0.000	U	0	400	ug/kg	0
0A8S-W03	Dibenzo(a,h)anthracene	SO	0.000	U	0	400	ug/kg	0
0A8S-W03	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	400	ug/kg	0

'Samp_ID' = AUS-0A8S-W03-SS-0X_4/13/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-0A8S-W04-SS-0X_4/10/00_(0-0.5)Grab_NM*

LOC_ID	*Analyte*	*Matrix*	*Result*	*Lab Flag*	*ResUse*	*RDL*	*Units*	*Toxic Equivalent*
0A8S-W04	Benzo(a)anthracene	SO	0.000	U	0	410	ug/kg	0
0A8S-W04	Benzo(a)pyrene	SO	0.000	U	0	410	ug/kg	0
0A8S-W04	Benzo(b)fluoranthene	SO	0.000	U	0	410	ug/kg	0
0A8S-W04	Benzo(k)fluoranthene	SO	0.000	U	0	410	ug/kg	0
0A8S-W04	Chrysene	SO	0.000	U	0	410	ug/kg	0
0A8S-W04	Dibenzo(a,h)anthracene	SO	0.000	U	0	410	ug/kg	0
0A8S-W04	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	410	ug/kg	0

'Samp_ID' = AUS-0A8S-W04-SS-0X_4/10/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID AUS-0A8S-W05-SS-0X_4/13/00_(0-0.5)Grab_NM

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A8S-W05	Benzo(a)anthracene	SO	0.000	U	0	400	ug/kg	0
0A8S-W05	Benzo(a)pyrene	SO	0.000	U	0	400	ug/kg	0
0A8S-W05	Benzo(b)fluoranthene	SO	0.000	U	0	400	ug/kg	0
0A8S-W05	Benzo(k)fluoranthene	SO	0.000	U	0	400	ug/kg	0
0A8S-W05	Chrysene	SO	0.000	U	0	400	ug/kg	0
0A8S-W05	Dibenzo(a,h)anthracene	SO	0.000	U	0	400	ug/kg	0
0A8S-W05	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	400	ug/kg	0

'Samp_ID' = AUS-0A8S-W05-SS-0X_4/13/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID AUS-0A8S-W06-SS-12_4/10/00_(12-12)Grab_NM

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A8S-W06	Benzo(a)anthracene	SO	0.000	U	0	5.9	ug/kg	0
0A8S-W06	Benzo(a)pyrene	SO	0.000	U	0	5.9	ug/kg	0
0A8S-W06	Benzo(b)fluoranthene	SO	0.000	U	0	7.9	ug/kg	0
0A8S-W06	Benzo(k)fluoranthene	SO	0.000	U	0	5.9	ug/kg	0
0A8S-W06	Chrysene	SO	0.000	U	0	5.9	ug/kg	0
0A8S-W06	Dibenzo(a,h)anthracene	SO	0.000	U	0	9.8	ug/kg	0
0A8S-W06	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	5.9	ug/kg	0

'Samp_ID' = AUS-0A8S-W06-SS-12_4/10/00_(12-12)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-0A8S-W06-SS-18_4/10/00_(18-18)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A8S-W06	Benzo(a)anthracene	SO	0.000	U	0	6.2	ug/kg	0
0A8S-W06	Benzo(a)pyrene	SO	0.000	U	0	6.2	ug/kg	0
0A8S-W06	Benzo(b)fluoranthene	SO	0.000	U	0	8.4	ug/kg	0
0A8S-W06	Benzo(k)fluoranthene	SO	0.000	U	0	6.2	ug/kg	0
0A8S-W06	Chrysene	SO	0.000	U	0	6.2	ug/kg	0
0A8S-W06	Dibenzo(a,h)anthracene	SO	0.000	U	0	10	ug/kg	0
0A8S-W06	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	6.2	ug/kg	0

'Samp_ID' = AUS-0A8S-W06-SS-18_4/10/00_(18-18)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-0A8S-W06-SS-24_4/10/00_(24-24)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A8S-W06	Benzo(a)anthracene	SO	0.000	U	0	5.9	ug/kg	0
0A8S-W06	Benzo(a)pyrene	SO	0.000	U	0	5.9	ug/kg	0
0A8S-W06	Benzo(b)fluoranthene	SO	0.000	U	0	7.9	ug/kg	0
0A8S-W06	Benzo(k)fluoranthene	SO	0.000	U	0	5.9	ug/kg	0
0A8S-W06	Chrysene	SO	0.000	U	0	5.9	ug/kg	0
0A8S-W06	Dibenzo(a,h)anthracene	SO	0.000	U	0	9.8	ug/kg	0
0A8S-W06	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	5.9	ug/kg	0

'Samp_ID' = AUS-0A8S-W06-SS-24_4/10/00_(24-24)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID AUS-0A8S-W51-SS-12_4/10/00_(12-12)Grab_DUP

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A8S-W06	Benzo(a)anthracene	SO	0.000	U	0	6	ug/kg	0
0A8S-W06	Benzo(a)pyrene	SO	0.000	U	0	6	ug/kg	0
0A8S-W06	Benzo(b)fluoranthene	SO	0.000	U	0	8	ug/kg	0
0A8S-W06	Benzo(k)fluoranthene	SO	0.000	U	0	6	ug/kg	0
0A8S-W06	Chrysene	SO	0.000	U	0	6	ug/kg	0
0A8S-W06	Dibenzo(a,h)anthracene	SO	0.000	U	0	9.9	ug/kg	0
0A8S-W06	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	6	ug/kg	0

'Samp_ID' = AUS-0A8S-W51-SS-12_4/10/00_(12-12)Grab_DUP (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID AUS-0A8S-W52-SS-0X_4/10/00_(0-0.5)Grab_DUP

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A8S-W04	Benzo(a)anthracene	SO	0.000	U	0	420	ug/kg	0
0A8S-W04	Benzo(a)pyrene	SO	0.000	U	0	420	ug/kg	0
0A8S-W04	Benzo(b)fluoranthene	SO	0.000	U	0	420	ug/kg	0
0A8S-W04	Benzo(k)fluoranthene	SO	0.000	U	0	420	ug/kg	0
0A8S-W04	Chrysene	SO	0.000	U	0	420	ug/kg	0
0A8S-W04	Dibenzo(a,h)anthracene	SO	0.000	U	0	420	ug/kg	0
0A8S-W04	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	420	ug/kg	0

'Samp_ID' = AUS-0A8S-W52-SS-0X_4/10/00_(0-0.5)Grab_DUP (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-106A-001-SS-02_5/10/00_(2-2)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
106A-001	Benzo(a)anthracene	SO	66.000	J	66	480	ug/kg	6.6
106A-001	Benzo(a)pyrene	SO	66.000	J	66	480	ug/kg	66
106A-001	Benzo(b)fluoranthene	SO	58.000	J	58	480	ug/kg	5.8
106A-001	Benzo(k)fluoranthene	SO	56.000	J	56	480	ug/kg	0.56
106A-001	Chrysene	SO	100.000	J	100	480	ug/kg	0.1
106A-001	Dibenzo(a,h)anthracene	SO	0.000	U	240	480	ug/kg	240
106A-001	Indeno(1,2,3-cd)pyrene	SO	53.000	J	53	480	ug/kg	5.3

'Samp_ID' = AUS-106A-001-SS-02_5/10/00_(2-2)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : 324.36

Samp_ID *AUS-106A-002-SS-02_5/10/00_(2-2)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
106A-002	Benzo(a)anthracene	SO	0.000	U	240	480	ug/kg	24
106A-002	Benzo(a)pyrene	SO	0.000	U	240	480	ug/kg	240
106A-002	Benzo(b)fluoranthene	SO	0.000	U	240	480	ug/kg	24
106A-002	Benzo(k)fluoranthene	SO	52.000	J	52	480	ug/kg	0.52
106A-002	Chrysene	SO	60.000	J	60	480	ug/kg	0.06
106A-002	Dibenzo(a,h)anthracene	SO	0.000	U	240	480	ug/kg	240
106A-002	Indeno(1,2,3-cd)pyrene	SO	0.000	U	240	480	ug/kg	24

'Samp_ID' = AUS-106A-002-SS-02_5/10/00_(2-2)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : 552.58

Samp_ID *AUS-106A-003-SS-02_5/10/00_(2-2)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
106A-003	Benzo(a)anthracene	SO	0.000	U	245	490	ug/kg	24.5
106A-003	Benzo(a)pyrene	SO	0.000	U	245	490	ug/kg	245
106A-003	Benzo(b)fluoranthene	SO	0.000	U	245	490	ug/kg	24.5
106A-003	Benzo(k)fluoranthene	SO	0.000	U	245	490	ug/kg	2.45
106A-003	Chrysene	SO	60.000	J	60	490	ug/kg	0.06
106A-003	Dibenzo(a,h)anthracene	SO	0.000	U	245	490	ug/kg	245
106A-003	Indeno(1,2,3-cd)pyrene	SO	0.000	U	245	490	ug/kg	24.5

'Samp_ID' = AUS-106A-003-SS-02_5/10/00_(2-2)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : **566.01**

Samp_ID *AUS-106A-004-SS-02_5/10/00_(2-2)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
106A-004	Benzo(a)anthracene	SO	0.000	U	230	460	ug/kg	23
106A-004	Benzo(a)pyrene	SO	59.000	J	59	460	ug/kg	59
106A-004	Benzo(b)fluoranthene	SO	74.000	J	74	460	ug/kg	7.4
106A-004	Benzo(k)fluoranthene	SO	0.000	U	230	460	ug/kg	2.3
106A-004	Chrysene	SO	110.000	J	110	930	ug/kg	0.11
106A-004	Dibenzo(a,h)anthracene	SO	0.000	U	230	460	ug/kg	230
106A-004	Indeno(1,2,3-cd)pyrene	SO	61.000	J	61	460	ug/kg	6.1

'Samp_ID' = AUS-106A-004-SS-02_5/10/00_(2-2)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : **327.91**

Samp_ID AUS-106A-005-SS-02_5/10/00_(2-2)Grab_NM

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
106A-005	Benzo(a)anthracene	SO	0.000	U	230	460	ug/kg	23
106A-005	Benzo(a)pyrene	SO	0.000	U	230	460	ug/kg	230
106A-005	Benzo(b)fluoranthene	SO	57.000	J	57	460	ug/kg	5.7
106A-005	Benzo(k)fluoranthene	SO	0.000	U	230	460	ug/kg	2.3
106A-005	Chrysene	SO	170.000	J	170	460	ug/kg	0.17
106A-005	Dibenzo(a,h)anthracene	SO	0.000	U	230	460	ug/kg	230
106A-005	Indeno(1,2,3-cd)pyrene	SO	0.000	U	230	460	ug/kg	23

'Samp_ID' = AUS-106A-005-SS-02_5/10/00_(2-2)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : 514.17

Samp_ID AUS-106A-006-SS-02_5/10/00_(2-2)Grab_NM

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
106A-006	Benzo(a)anthracene	SO	0.000	U	250	500	ug/kg	25
106A-006	Benzo(a)pyrene	SO	0.000	U	250	500	ug/kg	250
106A-006	Benzo(b)fluoranthene	SO	0.000	U	250	500	ug/kg	25
106A-006	Benzo(k)fluoranthene	SO	0.000	U	250	500	ug/kg	2.5
106A-006	Chrysene	SO	59.000	J	59	500	ug/kg	0.059
106A-006	Dibenzo(a,h)anthracene	SO	0.000	U	250	500	ug/kg	250
106A-006	Indeno(1,2,3-cd)pyrene	SO	0.000	U	250	500	ug/kg	25

'Samp_ID' = AUS-106A-006-SS-02_5/10/00_(2-2)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : 577.559

Samp_ID AUS-106A-007-SS-02_5/10/00_(2-2)Grab_NM

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
106A-007	Benzo(a)anthracene	SO	68.000	J	68	470	ug/kg	6.8
106A-007	Benzo(a)pyrene	SO	0.000	U	235	470	ug/kg	235
106A-007	Benzo(b)fluoranthene	SO	0.000	U	235	470	ug/kg	23.5
106A-007	Benzo(k)fluoranthene	SO	0.000	U	235	470	ug/kg	2.35
106A-007	Chrysene	SO	87.000	J	87	470	ug/kg	0.087
106A-007	Dibenzo(a,h)anthracene	SO	0.000	U	235	470	ug/kg	235
106A-007	Indeno(1,2,3-cd)pyrene	SO	0.000	U	235	470	ug/kg	23.5

'Samp_ID' = AUS-106A-007-SS-02_5/10/00_(2-2)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : 526.237

Samp_ID AUS-106A-008-DRUM_5/10/00_(0-0)Grab_NM

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
106A-008	Benzo(a)anthracene	DR	0.000	U	270	540	ug/kg	27
106A-008	Benzo(a)pyrene	DR	0.000	U	270	540	ug/kg	270
106A-008	Benzo(b)fluoranthene	DR	0.000	U	270	540	ug/kg	27
106A-008	Benzo(k)fluoranthene	DR	0.000	U	270	540	ug/kg	2.7
106A-008	Chrysene	DR	110.000	J	110	540	ug/kg	0.11
106A-008	Dibenzo(a,h)anthracene	DR	0.000	U	270	540	ug/kg	270
106A-008	Indeno(1,2,3-cd)pyrene	DR	0.000	U	270	540	ug/kg	27

'Samp_ID' = AUS-106A-008-DRUM_5/10/00_(0-0)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : 623.81

Samp_ID AUS-106A-009-DRUM_5/10/00_(0-0)Grab_NM

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
106A-009	Benzo(a)anthracene	DR	87.000	J	87	480	ug/kg	8.7
106A-009	Benzo(a)pyrene	DR	120.000	J	120	480	ug/kg	120
106A-009	Benzo(b)fluoranthene	DR	180.000	J	180	480	ug/kg	18
106A-009	Benzo(k)fluoranthene	DR	170.000	J	170	480	ug/kg	1.7
106A-009	Chrysene	DR	130.000	J	130	480	ug/kg	0.13
106A-009	Dibenzo(a,h)anthracene	DR	0.000	U	240	480	ug/kg	240
106A-009	Indeno(1,2,3-cd)pyrene	DR	120.000	J	120	480	ug/kg	12

'Samp_ID' = AUS-106A-009-DRUM_5/10/00_(0-0)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : **400.53**

Samp_ID AUS-106A-010-DRUM_5/10/00_(0-0)Grab_NM

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
106A-010	Benzo(a)anthracene	DR	120.000	J	120	520	ug/kg	12
106A-010	Benzo(a)pyrene	DR	63.000	J	63	520	ug/kg	63
106A-010	Benzo(b)fluoranthene	DR	0.000	U	260	520	ug/kg	26
106A-010	Benzo(k)fluoranthene	DR	0.000	U	260	520	ug/kg	2.6
106A-010	Chrysene	DR	130.000	J	130	520	ug/kg	0.13
106A-010	Dibenzo(a,h)anthracene	DR	0.000	U	260	520	ug/kg	260
106A-010	Indeno(1,2,3-cd)pyrene	DR	0.000	U	260	520	ug/kg	26

'Samp_ID' = AUS-106A-010-DRUM_5/10/00_(0-0)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : **389.73**

Samp_ID AUS-106A-011-SS-0X_5/10/00_(0-0.5)Grab_NM

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
106A-011	Benzo(a)anthracene	SO	0.000	U	0	440	ug/kg	0
106A-011	Benzo(a)pyrene	SO	0.000	U	0	440	ug/kg	0
106A-011	Benzo(b)fluoranthene	SO	0.000	U	0	440	ug/kg	0
106A-011	Benzo(k)fluoranthene	SO	0.000	U	0	440	ug/kg	0
106A-011	Chrysene	SO	0.000	U	0	440	ug/kg	0
106A-011	Dibenzo(a,h)anthracene	SO	0.000	U	0	440	ug/kg	0
106A-011	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	440	ug/kg	0

'Samp_ID' = AUS-106A-011-SS-0X_5/10/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID AUS-106A-012-SS-0X_5/10/00_(0-0.5)Grab_NM

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
106A-012	Benzo(a)anthracene	SO	0.000	U	0	460	ug/kg	0
106A-012	Benzo(a)pyrene	SO	0.000	U	0	460	ug/kg	0
106A-012	Benzo(b)fluoranthene	SO	0.000	U	0	460	ug/kg	0
106A-012	Benzo(k)fluoranthene	SO	0.000	U	0	460	ug/kg	0
106A-012	Chrysene	SO	0.000	U	0	460	ug/kg	0
106A-012	Dibenzo(a,h)anthracene	SO	0.000	U	0	460	ug/kg	0
106A-012	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	460	ug/kg	0

'Samp_ID' = AUS-106A-012-SS-0X_5/10/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-106A-501-DRUM_5/10/00_(0-0)Grab_DUP*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
106A-009	Benzo(a)anthracene	DR	140.000	J	140	480	ug/kg	14
106A-009	Benzo(a)pyrene	DR	180.000	J	180	480	ug/kg	180
106A-009	Benzo(b)fluoranthene	DR	260.000	J	260	480	ug/kg	26
106A-009	Benzo(k)fluoranthene	DR	270.000	J	270	480	ug/kg	2.7
106A-009	Chrysene	DR	220.000	J	220	480	ug/kg	0.22
106A-009	Dibenzo(a,h)anthracene	DR	0.000	U	240	480	ug/kg	240
106A-009	Indeno(1,2,3-cd)pyrene	DR	140.000	J	140	480	ug/kg	14

'Samp_ID' = AUS-106A-501-DRUM_5/10/00_(0-0)Grab_DUP (7 detail records)

Toxic Equivalency Quotient (TEQ) : **476.92**

Samp_ID *AUS-106A-502-SS-02_5/10/00_(2-2)Grab_DUP*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
106A-002	Benzo(a)anthracene	SO	0.000	U	245	490	ug/kg	24.5
106A-002	Benzo(a)pyrene	SO	0.000	U	245	490	ug/kg	245
106A-002	Benzo(b)fluoranthene	SO	0.000	U	245	490	ug/kg	24.5
106A-002	Benzo(k)fluoranthene	SO	0.000	U	245	490	ug/kg	2.45
106A-002	Chrysene	SO	52.000	J	52	490	ug/kg	0.052
106A-002	Dibenzo(a,h)anthracene	SO	0.000	U	245	490	ug/kg	245
106A-002	Indeno(1,2,3-cd)pyrene	SO	0.000	U	245	490	ug/kg	24.5

'Samp_ID' = AUS-106A-502-SS-02_5/10/00_(2-2)Grab_DUP (7 detail records)

Toxic Equivalency Quotient (TEQ) : **566.002**

Samp_ID *AUS-A11A-001-SD-0X_4/21/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
A11A-001	Benzo(a)anthracene	SE	0.000	U	0	6.9	ug/kg	0
A11A-001	Benzo(a)pyrene	SE	0.000	U	0	6.9	ug/kg	0
A11A-001	Benzo(b)fluoranthene	SE	0.000	U	0	9.3	ug/kg	0
A11A-001	Benzo(k)fluoranthene	SE	0.000	U	0	6.9	ug/kg	0
A11A-001	Chrysene	SE	0.000	U	0	6.9	ug/kg	0
A11A-001	Dibenzo(a,h)anthracene	SE	0.000	U	0	12	ug/kg	0
A11A-001	Indeno(1,2,3-cd)pyrene	SE	0.000	U	0	6.9	ug/kg	0

'Samp_ID' = AUS-A11A-001-SD-0X_4/21/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-A11A-002-SS-0X_4/21/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
A11A-002	Benzo(a)anthracene	SO	0.000	U	0	400	ug/kg	0
A11A-002	Benzo(a)pyrene	SO	0.000	U	0	400	ug/kg	0
A11A-002	Benzo(b)fluoranthene	SO	0.000	U	0	400	ug/kg	0
A11A-002	Benzo(k)fluoranthene	SO	0.000	U	0	400	ug/kg	0
A11A-002	Chrysene	SO	0.000	U	0	400	ug/kg	0
A11A-002	Dibenzo(a,h)anthracene	SO	0.000	U	0	400	ug/kg	0
A11A-002	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	400	ug/kg	0

'Samp_ID' = AUS-A11A-002-SS-0X_4/21/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID AUS-A11A-003-SD-0X_4/21/00_(0-0.5)Grab_NM

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
A11A-003	Benzo(a)anthracene	SE	0.000	U	0	470	ug/kg	0
A11A-003	Benzo(a)pyrene	SE	0.000	U	0	470	ug/kg	0
A11A-003	Benzo(b)fluoranthene	SE	0.000	U	0	470	ug/kg	0
A11A-003	Benzo(k)fluoranthene	SE	0.000	U	0	470	ug/kg	0
A11A-003	Chrysene	SE	0.000	U	0	470	ug/kg	0
A11A-003	Dibenzo(a,h)anthracene	SE	0.000	U	0	470	ug/kg	0
A11A-003	Indeno(1,2,3-cd)pyrene	SE	0.000	U	0	470	ug/kg	0

'Samp_ID' = AUS-A11A-003-SD-0X_4/21/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID AUS-A11A-004-SL-0X_4/21/00_(0-0.5)Grab_NM

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
A11A-004	Benzo(a)anthracene	SL	660.000		660	560	ug/kg	66
A11A-004	Benzo(a)pyrene	SL	600.000		600	560	ug/kg	600
A11A-004	Benzo(b)fluoranthene	SL	750.000		750	560	ug/kg	75
A11A-004	Benzo(k)fluoranthene	SL	620.000		620	560	ug/kg	6.2
A11A-004	Chrysene	SL	790.000		790	560	ug/kg	0.79
A11A-004	Dibenzo(a,h)anthracene	SL	260.000	J	260	560	ug/kg	260
A11A-004	Indeno(1,2,3-cd)pyrene	SL	510.000	J	510	560	ug/kg	51

'Samp_ID' = AUS-A11A-004-SL-0X_4/21/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : **1058.99**

Samp_ID AUS-A11A-005-SD-0X_4/21/00_(0-0.5)Grab_NM

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
A11A-005	Benzo(a)anthracene	SE	0.000	U	0	440	ug/kg	0
A11A-005	Benzo(a)pyrene	SE	0.000	U	0	440	ug/kg	0
A11A-005	Benzo(b)fluoranthene	SE	0.000	U	0	440	ug/kg	0
A11A-005	Benzo(k)fluoranthene	SE	0.000	U	0	440	ug/kg	0
A11A-005	Chrysene	SE	0.000	U	0	440	ug/kg	0
A11A-005	Dibenzo(a,h)anthracene	SE	0.000	U	0	440	ug/kg	0
A11A-005	Indeno(1,2,3-cd)pyrene	SE	0.000	U	0	440	ug/kg	0

'Samp_ID' = AUS-A11A-005-SD-0X_4/21/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID AUS-A11A-006-SD-0X_4/25/00_(0-0.5)Grab_NM

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
A11A-006	Benzo(a)anthracene	SE	0.000	U	250	500	ug/kg	25
A11A-006	Benzo(a)pyrene	SE	0.000	U	250	500	ug/kg	250
A11A-006	Benzo(b)fluoranthene	SE	100.000	J	100	500	ug/kg	10
A11A-006	Benzo(k)fluoranthene	SE	0.000	U	250	500	ug/kg	2.5
A11A-006	Chrysene	SE	59.000	J	59	500	ug/kg	0.059
A11A-006	Dibenzo(a,h)anthracene	SE	0.000	U	250	500	ug/kg	250
A11A-006	Indeno(1,2,3-cd)pyrene	SE	0.000	U	250	500	ug/kg	25

'Samp_ID' = AUS-A11A-006-SD-0X_4/25/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : **562.559**

Samp_ID *AUS-A11A-007-SD-0X_4/21/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
A11A-007	Benzo(a)anthracene	SE	0.000	U	0	440	ug/kg	0
A11A-007	Benzo(a)pyrene	SE	0.000	U	0	440	ug/kg	0
A11A-007	Benzo(b)fluoranthene	SE	0.000	U	0	440	ug/kg	0
A11A-007	Benzo(k)fluoranthene	SE	0.000	U	0	440	ug/kg	0
A11A-007	Chrysene	SE	0.000	U	0	440	ug/kg	0
A11A-007	Dibenzo(a,h)anthracene	SE	0.000	U	0	440	ug/kg	0
A11A-007	Indeno(1,2,3-cd)pyrene	SE	0.000	U	0	440	ug/kg	0

'Samp_ID' = AUS-A11A-007-SD-0X_4/21/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-A11A-008-SD-0X_4/26/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
A11A-008	Benzo(a)anthracene	SE	0.000	U	0	490	ug/kg	0
A11A-008	Benzo(a)pyrene	SE	0.000	U	0	490	ug/kg	0
A11A-008	Benzo(b)fluoranthene	SE	0.000	U	0	490	ug/kg	0
A11A-008	Benzo(k)fluoranthene	SE	0.000	U	0	490	ug/kg	0
A11A-008	Chrysene	SE	0.000	U	0	490	ug/kg	0
A11A-008	Dibenzo(a,h)anthracene	SE	0.000	U	0	490	ug/kg	0
A11A-008	Indeno(1,2,3-cd)pyrene	SE	0.000	U	0	490	ug/kg	0

'Samp_ID' = AUS-A11A-008-SD-0X_4/26/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-A11A-009-SD-0X_4/25/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
A11A-009	Benzo(a)anthracene	SE	39.000		39	9.1	ug/kg	3.9
A11A-009	Benzo(a)pyrene	SE	76.000		76	9.1	ug/kg	76
A11A-009	Benzo(b)fluoranthene	SE	95.000		95	12	ug/kg	9.5
A11A-009	Benzo(k)fluoranthene	SE	36.000		36	9.1	ug/kg	0.36
A11A-009	Chrysene	SE	96.000		96	9.1	ug/kg	0.096
A11A-009	Dibenzo(a,h)anthracene	SE	15.000		15	15	ug/kg	15
A11A-009	Indeno(1,2,3-cd)pyrene	SE	32.000		32	9.1	ug/kg	3.2

'Samp_ID' = AUS-A11A-009-SD-0X_4/25/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *108.056*

Samp_ID *AUS-A11A-013-SL-0X_4/24/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
A11A-013	Benzo(a)anthracene	SL	0.000	U	220	440	ug/kg	22
A11A-013	Benzo(a)pyrene	SL	0.000	U	220	440	ug/kg	220
A11A-013	Benzo(b)fluoranthene	SL	0.000	U	220	440	ug/kg	22
A11A-013	Benzo(k)fluoranthene	SL	0.000	U	220	440	ug/kg	2.2
A11A-013	Chrysene	SL	66.000	J	66	440	ug/kg	0.066
A11A-013	Dibenzo(a,h)anthracene	SL	0.000	U	220	440	ug/kg	220
A11A-013	Indeno(1,2,3-cd)pyrene	SL	0.000	U	220	440	ug/kg	22

'Samp_ID' = AUS-A11A-013-SL-0X_4/24/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : **508.266**

Samp_ID *AUS-A11A-017-SD-0X_4/24/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
A11A-017	Benzo(a)anthracene	SE	0.000	U	0	500	ug/kg	0
A11A-017	Benzo(a)pyrene	SE	0.000	U	0	500	ug/kg	0
A11A-017	Benzo(b)fluoranthene	SE	0.000	U	0	500	ug/kg	0
A11A-017	Benzo(k)fluoranthene	SE	0.000	U	0	500	ug/kg	0
A11A-017	Chrysene	SE	0.000	U	0	500	ug/kg	0
A11A-017	Dibenzo(a,h)anthracene	SE	0.000	U	0	500	ug/kg	0
A11A-017	Indeno(1,2,3-cd)pyrene	SE	0.000	U	0	500	ug/kg	0

'Samp_ID' = AUS-A11A-017-SD-0X_4/24/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-A11A-018-SS-0X_4/21/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
A11A-018	Benzo(a)anthracene	SO	0.000	U	0	420	ug/kg	0
A11A-018	Benzo(a)pyrene	SO	0.000	U	0	420	ug/kg	0
A11A-018	Benzo(b)fluoranthene	SO	0.000	U	0	420	ug/kg	0
A11A-018	Benzo(k)fluoranthene	SO	0.000	U	0	420	ug/kg	0
A11A-018	Chrysene	SO	0.000	U	0	420	ug/kg	0
A11A-018	Dibenzo(a,h)anthracene	SO	0.000	U	0	420	ug/kg	0
A11A-018	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	420	ug/kg	0

'Samp_ID' = AUS-A11A-018-SS-0X_4/21/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-A11A-022-SD-0X_4/25/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
A11A-022	Benzo(a)anthracene	SE	0.000	U	0	450	ug/kg	0
A11A-022	Benzo(a)pyrene	SE	0.000	U	0	450	ug/kg	0
A11A-022	Benzo(b)fluoranthene	SE	0.000	U	0	450	ug/kg	0
A11A-022	Benzo(k)fluoranthene	SE	0.000	U	0	450	ug/kg	0
A11A-022	Chrysene	SE	0.000	U	0	450	ug/kg	0
A11A-022	Dibenzo(a,h)anthracene	SE	0.000	U	0	450	ug/kg	0
A11A-022	Indeno(1,2,3-cd)pyrene	SE	0.000	U	0	450	ug/kg	0

'Samp_ID' = AUS-A11A-022-SD-0X_4/25/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-A11A-023-SD-0X_4/26/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
A11A-023	Benzo(a)anthracene	SE	0.000	U	0	540	ug/kg	0
A11A-023	Benzo(a)pyrene	SE	0.000	U	0	540	ug/kg	0
A11A-023	Benzo(b)fluoranthene	SE	0.000	U	0	540	ug/kg	0
A11A-023	Benzo(k)fluoranthene	SE	0.000	U	0	540	ug/kg	0
A11A-023	Chrysene	SE	0.000	U	0	540	ug/kg	0
A11A-023	Dibenzo(a,h)anthracene	SE	0.000	U	0	540	ug/kg	0
A11A-023	Indeno(1,2,3-cd)pyrene	SE	0.000	U	0	540	ug/kg	0

'Samp_ID' = AUS-A11A-023-SD-0X_4/26/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-A11A-024-SD-0X_4/26/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
A11A-024	Benzo(a)anthracene	SE	100.000	J	100	560	ug/kg	10
A11A-024	Benzo(a)pyrene	SE	100.000	J	100	560	ug/kg	100
A11A-024	Benzo(b)fluoranthene	SE	110.000	J	110	560	ug/kg	11
A11A-024	Benzo(k)fluoranthene	SE	98.000	J	98	560	ug/kg	0.98
A11A-024	Chrysene	SE	120.000	J	120	560	ug/kg	0.12
A11A-024	Dibenzo(a,h)anthracene	SE	0.000	U	280	560	ug/kg	280
A11A-024	Indeno(1,2,3-cd)pyrene	SE	0.000	U	280	560	ug/kg	28

'Samp_ID' = AUS-A11A-024-SD-0X_4/26/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : **430.1**

Samp_ID *AUS-A11A-025-SS-0X_4/26/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
A11A-025	Benzo(a)anthracene	SO	0.000	U	0	440	ug/kg	0
A11A-025	Benzo(a)pyrene	SO	0.000	U	0	440	ug/kg	0
A11A-025	Benzo(b)fluoranthene	SO	0.000	U	0	440	ug/kg	0
A11A-025	Benzo(k)fluoranthene	SO	0.000	U	0	440	ug/kg	0
A11A-025	Chrysene	SO	0.000	U	0	440	ug/kg	0
A11A-025	Dibenzo(a,h)anthracene	SO	0.000	U	0	440	ug/kg	0
A11A-025	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	440	ug/kg	0

'Samp_ID' = AUS-A11A-025-SS-0X_4/26/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-A11A-026-SD-0X_4/25/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
A11A-026	Benzo(a)anthracene	SE	73.000	J	73	460	ug/kg	7.3
A11A-026	Benzo(a)pyrene	SE	69.000	J	69	460	ug/kg	69
A11A-026	Benzo(b)fluoranthene	SE	180.000	J	180	460	ug/kg	18
A11A-026	Benzo(k)fluoranthene	SE	63.000	J	63	460	ug/kg	0.63
A11A-026	Chrysene	SE	110.000	J	110	460	ug/kg	0.11
A11A-026	Dibenzo(a,h)anthracene	SE	0.000	U	230	460	ug/kg	230
A11A-026	Indeno(1,2,3-cd)pyrene	SE	0.000	U	230	460	ug/kg	23

'Samp_ID' = AUS-A11A-026-SD-0X_4/25/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : 348.04

Samp_ID *AUS-A11A-027-SS-0X_4/24/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
A11A-027	Benzo(a)anthracene	SO	0.000	U	0	450	ug/kg	0
A11A-027	Benzo(a)pyrene	SO	0.000	U	0	450	ug/kg	0
A11A-027	Benzo(b)fluoranthene	SO	0.000	U	0	450	ug/kg	0
A11A-027	Benzo(k)fluoranthene	SO	0.000	U	0	450	ug/kg	0
A11A-027	Chrysene	SO	0.000	U	0	450	ug/kg	0
A11A-027	Dibenzo(a,h)anthracene	SO	0.000	U	0	450	ug/kg	0
A11A-027	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	450	ug/kg	0

'Samp_ID' = AUS-A11A-027-SS-0X_4/24/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID AUS-A11A-028-SD-0X_4/26/00_(0-0.5)Grab_NM

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
A11A-028	Benzo(a)anthracene	SE	0.000	U	320	640	ug/kg	32
A11A-028	Benzo(a)pyrene	SE	0.000	U	320	640	ug/kg	320
A11A-028	Benzo(b)fluoranthene	SE	0.000	U	320	640	ug/kg	32
A11A-028	Benzo(k)fluoranthene	SE	0.000	U	320	640	ug/kg	3.2
A11A-028	Chrysene	SE	0.000	U	320	640	ug/kg	0.32
A11A-028	Dibenzo(a,h)anthracene	SE	0.000	U	320	640	ug/kg	320
A11A-028	Indeno(1,2,3-cd)pyrene	SE	0.000	U	320	640	ug/kg	32

'Samp_ID' = AUS-A11A-028-SD-0X_4/26/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : 739.52

Samp_ID AUS-A11A-032-SD-0X_4/21/00_(0-0.5)Grab_NM

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
A11A-032	Benzo(a)anthracene	SE	0.000	U	0	470	ug/kg	0
A11A-032	Benzo(a)pyrene	SE	0.000	U	0	470	ug/kg	0
A11A-032	Benzo(b)fluoranthene	SE	0.000	U	0	470	ug/kg	0
A11A-032	Benzo(k)fluoranthene	SE	0.000	U	0	470	ug/kg	0
A11A-032	Chrysene	SE	0.000	U	0	470	ug/kg	0
A11A-032	Dibenzo(a,h)anthracene	SE	0.000	U	0	470	ug/kg	0
A11A-032	Indeno(1,2,3-cd)pyrene	SE	0.000	U	0	470	ug/kg	0

'Samp_ID' = AUS-A11A-032-SD-0X_4/21/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-A11A-033-SD-0X_4/25/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
A11A-033	Benzo(a)anthracene	SE	0.000	U	0	440	ug/kg	0
A11A-033	Benzo(a)pyrene	SE	0.000	U	0	440	ug/kg	0
A11A-033	Benzo(b)fluoranthene	SE	0.000	U	0	440	ug/kg	0
A11A-033	Benzo(k)fluoranthene	SE	0.000	U	0	440	ug/kg	0
A11A-033	Chrysene	SE	0.000	U	0	440	ug/kg	0
A11A-033	Dibenzo(a,h)anthracene	SE	0.000	U	0	440	ug/kg	0
A11A-033	Indeno(1,2,3-cd)pyrene	SE	0.000	U	0	440	ug/kg	0

'Samp_ID' = AUS-A11A-033-SD-0X_4/25/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-A11A-034-SD-0X_4/25/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
A11A-034	Benzo(a)anthracene	SE	93.000	J	93	460	ug/kg	9.3
A11A-034	Benzo(a)pyrene	SE	100.000	J	100	460	ug/kg	100
A11A-034	Benzo(b)fluoranthene	SE	150.000	J	150	460	ug/kg	15
A11A-034	Benzo(k)fluoranthene	SE	55.000	J	55	460	ug/kg	0.55
A11A-034	Chrysene	SE	110.000	J	110	460	ug/kg	0.11
A11A-034	Dibenzo(a,h)anthracene	SE	0.000	U	230	460	ug/kg	230
A11A-034	Indeno(1,2,3-cd)pyrene	SE	60.000	J	60	460	ug/kg	6

'Samp_ID' = AUS-A11A-034-SD-0X_4/25/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : **360.96**

Samp_ID AUS-A11A-035-SD-0X_4/21/00_(0-0.5)Grab_NM

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
A11A-035	Benzo(a)anthracene	SE	92.000	J	92	460	ug/kg	9.2
A11A-035	Benzo(a)pyrene	SE	61.000	J	61	460	ug/kg	61
A11A-035	Benzo(b)fluoranthene	SE	110.000	J	110	460	ug/kg	11
A11A-035	Benzo(k)fluoranthene	SE	100.000	J	100	460	ug/kg	1
A11A-035	Chrysene	SE	150.000	J	150	460	ug/kg	0.15
A11A-035	Dibenzo(a,h)anthracene	SE	0.000	U	230	460	ug/kg	230
A11A-035	Indeno(1,2,3-cd)pyrene	SE	0.000	U	230	460	ug/kg	23

'Samp_ID' = AUS-A11A-035-SD-0X_4/21/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : 335.35

Samp_ID AUS-A11A-036-SD-0X_4/21/00_(0-0.5)Grab_NM

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
A11A-036	Benzo(a)anthracene	SE	2600.000		2600	410	ug/kg	260
A11A-036	Benzo(a)pyrene	SE	2700.000		2700	410	ug/kg	2700
A11A-036	Benzo(b)fluoranthene	SE	2200.000		2200	410	ug/kg	220
A11A-036	Benzo(k)fluoranthene	SE	2600.000		2600	410	ug/kg	26
A11A-036	Chrysene	SE	2600.000		2600	410	ug/kg	2.6
A11A-036	Dibenzo(a,h)anthracene	SE	1100.000		1100	410	ug/kg	1100
A11A-036	Indeno(1,2,3-cd)pyrene	SE	1800.000		1800	410	ug/kg	180

'Samp_ID' = AUS-A11A-036-SD-0X_4/21/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : 4488.6

Samp_ID AUS-A11A-037-SD-0X_4/25/00_(0-0.5)Grab_NM

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
A11A-037	Benzo(a)anthracene	SE	0.000	U	0	410	ug/kg	0
A11A-037	Benzo(a)pyrene	SE	0.000	U	0	410	ug/kg	0
A11A-037	Benzo(b)fluoranthene	SE	0.000	U	0	410	ug/kg	0
A11A-037	Benzo(k)fluoranthene	SE	0.000	U	0	410	ug/kg	0
A11A-037	Chrysene	SE	0.000	U	0	410	ug/kg	0
A11A-037	Dibenzo(a,h)anthracene	SE	0.000	U	0	410	ug/kg	0
A11A-037	Indeno(1,2,3-cd)pyrene	SE	0.000	U	0	410	ug/kg	0

'Samp_ID' = AUS-A11A-037-SD-0X_4/25/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID AUS-A11A-502-SS-0X_4/21/00_(0-0.5)Grab_DUP

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
A11A-002	Benzo(a)anthracene	SO	0.000	U	0	390	ug/kg	0
A11A-002	Benzo(a)pyrene	SO	0.000	U	0	390	ug/kg	0
A11A-002	Benzo(b)fluoranthene	SO	0.000	U	0	390	ug/kg	0
A11A-002	Benzo(k)fluoranthene	SO	0.000	U	0	390	ug/kg	0
A11A-002	Chrysene	SO	0.000	U	0	390	ug/kg	0
A11A-002	Dibenzo(a,h)anthracene	SO	0.000	U	0	390	ug/kg	0
A11A-002	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	390	ug/kg	0

'Samp_ID' = AUS-A11A-502-SS-0X_4/21/00_(0-0.5)Grab_DUP (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-A11A-W01-SS-05_3/21/00_(5-5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
A11A-W01	Benzo(a)anthracene	SO	0.000	U	0	6	ug/kg	0
A11A-W01	Benzo(a)pyrene	SO	0.000	U	0	6	ug/kg	0
A11A-W01	Benzo(b)fluoranthene	SO	0.000	U	0	8.1	ug/kg	0
A11A-W01	Benzo(k)fluoranthene	SO	0.000	U	0	6	ug/kg	0
A11A-W01	Chrysene	SO	0.000	U	0	6	ug/kg	0
A11A-W01	Dibenzo(a,h)anthracene	SO	0.000	U	0	10	ug/kg	0
A11A-W01	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	6	ug/kg	0

'Samp_ID' = AUS-A11A-W01-SS-05_3/21/00_(5-5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-A11A-W01-SS-20_3/21/00_(20-20)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
A11A-W01	Benzo(a)anthracene	SO	0.000	U	0	6.3	ug/kg	0
A11A-W01	Benzo(a)pyrene	SO	0.000	U	0	6.3	ug/kg	0
A11A-W01	Benzo(b)fluoranthene	SO	0.000	U	0	8.5	ug/kg	0
A11A-W01	Benzo(k)fluoranthene	SO	0.000	U	0	6.3	ug/kg	0
A11A-W01	Chrysene	SO	0.000	U	0	6.3	ug/kg	0
A11A-W01	Dibenzo(a,h)anthracene	SO	0.000	U	0	11	ug/kg	0
A11A-W01	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	6.3	ug/kg	0

'Samp_ID' = AUS-A11A-W01-SS-20_3/21/00_(20-20)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-A11A-W01-SS-OX_3/21/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
A11A-W01	Benzo(a)anthracene	SO	0.000	U	0	6.7	ug/kg	0
A11A-W01	Benzo(a)pyrene	SO	0.000	U	0	6.7	ug/kg	0
A11A-W01	Benzo(b)fluoranthene	SO	0.000	U	0	8.9	ug/kg	0
A11A-W01	Benzo(k)fluoranthene	SO	0.000	U	0	6.7	ug/kg	0
A11A-W01	Chrysene	SO	0.000	U	0	6.7	ug/kg	0
A11A-W01	Dibenzo(a,h)anthracene	SO	0.000	U	0	11	ug/kg	0
A11A-W01	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	6.7	ug/kg	0

'Samp_ID' = AUS-A11A-W01-SS-OX_3/21/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-A11A-W02-SS-05_3/22/00_(5-5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
A11A-W02	Benzo(a)anthracene	SO	0.000	U	0	410	ug/kg	0
A11A-W02	Benzo(a)pyrene	SO	0.000	U	0	410	ug/kg	0
A11A-W02	Benzo(b)fluoranthene	SO	0.000	U	0	410	ug/kg	0
A11A-W02	Benzo(k)fluoranthene	SO	0.000	U	0	410	ug/kg	0
A11A-W02	Chrysene	SO	0.000	U	0	410	ug/kg	0
A11A-W02	Dibenzo(a,h)anthracene	SO	0.000	U	0	410	ug/kg	0
A11A-W02	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	410	ug/kg	0

'Samp_ID' = AUS-A11A-W02-SS-05_3/22/00_(5-5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-A11A-W02-SS-0X_3/22/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
A11A-W02	Benzo(a)anthracene	SO	0.000	U	0	430	ug/kg	0
A11A-W02	Benzo(a)pyrene	SO	0.000	U	0	430	ug/kg	0
A11A-W02	Benzo(b)fluoranthene	SO	0.000	U	0	430	ug/kg	0
A11A-W02	Benzo(k)fluoranthene	SO	0.000	U	0	430	ug/kg	0
A11A-W02	Chrysene	SO	0.000	U	0	430	ug/kg	0
A11A-W02	Dibenzo(a,h)anthracene	SO	0.000	U	0	430	ug/kg	0
A11A-W02	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	430	ug/kg	0

'Samp_ID' = AUS-A11A-W02-SS-0X_3/22/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-A11A-W02-SS-19_3/22/00_(19-19)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
A11A-W02	Benzo(a)anthracene	SO	0.000	U	0	400	ug/kg	0
A11A-W02	Benzo(a)pyrene	SO	0.000	U	0	400	ug/kg	0
A11A-W02	Benzo(b)fluoranthene	SO	0.000	U	0	400	ug/kg	0
A11A-W02	Benzo(k)fluoranthene	SO	0.000	U	0	400	ug/kg	0
A11A-W02	Chrysene	SO	0.000	U	0	400	ug/kg	0
A11A-W02	Dibenzo(a,h)anthracene	SO	0.000	U	0	400	ug/kg	0
A11A-W02	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	400	ug/kg	0

'Samp_ID' = AUS-A11A-W02-SS-19_3/22/00_(19-19)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-A11H-001-SS-0X_4/24/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
A11H-001	Benzo(a)anthracene	SO	13.000		13	6.1	ug/kg	1.3
A11H-001	Benzo(a)pyrene	SO	58.000		58	6.1	ug/kg	58
A11H-001	Benzo(b)fluoranthene	SO	93.000		93	8.2	ug/kg	9.3
A11H-001	Benzo(k)fluoranthene	SO	40.000		40	6.1	ug/kg	0.4
A11H-001	Chrysene	SO	44.000		44	6.1	ug/kg	0.044
A11H-001	Dibenzo(a,h)anthracene	SO	10.000		10	10	ug/kg	10
A11H-001	Indeno(1,2,3-cd)pyrene	SO	46.000		46	6.1	ug/kg	4.6

'Samp_ID' = AUS-A11H-001-SS-0X_4/24/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *83.644*

Samp_ID *AUS-A11H-002-SD-0X_4/26/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
A11H-002	Benzo(a)anthracene	SE	0.000	U	0	7	ug/kg	0
A11H-002	Benzo(a)pyrene	SE	0.000	U	0	7	ug/kg	0
A11H-002	Benzo(b)fluoranthene	SE	0.000	U	0	9.4	ug/kg	0
A11H-002	Benzo(k)fluoranthene	SE	0.000	U	0	7	ug/kg	0
A11H-002	Chrysene	SE	0.000	U	0	7	ug/kg	0
A11H-002	Dibenzo(a,h)anthracene	SE	0.000	U	0	12	ug/kg	0
A11H-002	Indeno(1,2,3-cd)pyrene	SE	0.000	U	0	7	ug/kg	0

'Samp_ID' = AUS-A11H-002-SD-0X_4/26/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-A11H-003-SD-0X_4/24/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
A11H-003	Benzo(a)anthracene	SE	0.000	U	3.35	6.7	ug/kg	0.335
A11H-003	Benzo(a)pyrene	SE	7.400		7.4	6.7	ug/kg	7.4
A11H-003	Benzo(b)fluoranthene	SE	10.000		10	8.9	ug/kg	1
A11H-003	Benzo(k)fluoranthene	SE	0.000	U	3.35	6.7	ug/kg	0.0335
A11H-003	Chrysene	SE	12.000		12	6.7	ug/kg	0.012
A11H-003	Dibenzo(a,h)anthracene	SE	0.000	U	5.5	11	ug/kg	5.5
A11H-003	Indeno(1,2,3-cd)pyrene	SE	0.000	U	3.35	6.7	ug/kg	0.335

'Samp_ID' = AUS-A11H-003-SD-0X_4/24/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *14.6155*

Samp_ID *AUS-A11H-004-SS-0X_4/24/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
A11H-004	Benzo(a)anthracene	SO	0.000	U	2.7	5.4	ug/kg	0.27
A11H-004	Benzo(a)pyrene	SO	8.300		8.3	5.4	ug/kg	8.3
A11H-004	Benzo(b)fluoranthene	SO	20.000		20	7.3	ug/kg	2
A11H-004	Benzo(k)fluoranthene	SO	0.000	U	2.7	5.4	ug/kg	0.027
A11H-004	Chrysene	SO	31.000		31	5.4	ug/kg	0.031
A11H-004	Dibenzo(a,h)anthracene	SO	0.000	U	4.5	9	ug/kg	4.5
A11H-004	Indeno(1,2,3-cd)pyrene	SO	0.000	U	2.7	5.4	ug/kg	0.27

'Samp_ID' = AUS-A11H-004-SS-0X_4/24/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *15.398*

Samp_ID AUS-A11H-005-SD-0X_4/24/00_(0-0.5)Grab_NM

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
A11H-005	Benzo(a)anthracene	SE	0.000	U	3.6	7.2	ug/kg	0.36
A11H-005	Benzo(a)pyrene	SE	16.000		16	7.2	ug/kg	16
A11H-005	Benzo(b)fluoranthene	SE	27.000		27	9.7	ug/kg	2.7
A11H-005	Benzo(k)fluoranthene	SE	0.000	U	3.6	7.2	ug/kg	0.036
A11H-005	Chrysene	SE	33.000		33	7.2	ug/kg	0.033
A11H-005	Dibenzo(a,h)anthracene	SE	0.000	U	6	12	ug/kg	6
A11H-005	Indeno(1,2,3-cd)pyrene	SE	8.300		8.3	7.2	ug/kg	0.83

'Samp_ID' = AUS-A11H-005-SD-0X_4/24/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *25.959*

Samp_ID AUS-A11H-007-SD-0X_4/24/00_(0-0.5)Grab_NM

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
A11H-007	Benzo(a)anthracene	SE	0.000	U	0	500	ug/kg	0
A11H-007	Benzo(a)pyrene	SE	0.000	U	0	500	ug/kg	0
A11H-007	Benzo(b)fluoranthene	SE	0.000	U	0	500	ug/kg	0
A11H-007	Benzo(k)fluoranthene	SE	0.000	U	0	500	ug/kg	0
A11H-007	Chrysene	SE	0.000	U	0	500	ug/kg	0
A11H-007	Dibenzo(a,h)anthracene	SE	0.000	U	0	500	ug/kg	0
A11H-007	Indeno(1,2,3-cd)pyrene	SE	0.000	U	0	500	ug/kg	0

'Samp_ID' = AUS-A11H-007-SD-0X_4/24/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-A11H-008-SD-0X_4/24/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
A11H-008	Benzo(a)anthracene	SE	0.000	U	0	430	ug/kg	0
A11H-008	Benzo(a)pyrene	SE	0.000	U	0	430	ug/kg	0
A11H-008	Benzo(b)fluoranthene	SE	0.000	U	0	430	ug/kg	0
A11H-008	Benzo(k)fluoranthene	SE	0.000	U	0	430	ug/kg	0
A11H-008	Chrysene	SE	0.000	U	0	430	ug/kg	0
A11H-008	Dibenzo(a,h)anthracene	SE	0.000	U	0	430	ug/kg	0
A11H-008	Indeno(1,2,3-cd)pyrene	SE	0.000	U	0	430	ug/kg	0

'Samp_ID' = AUS-A11H-008-SD-0X_4/24/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-A11H-009-SD-0X_4/24/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
A11H-009	Benzo(a)anthracene	SE	0.000	U	0	510	ug/kg	0
A11H-009	Benzo(a)pyrene	SE	0.000	U	0	510	ug/kg	0
A11H-009	Benzo(b)fluoranthene	SE	0.000	U	0	510	ug/kg	0
A11H-009	Benzo(k)fluoranthene	SE	0.000	U	0	510	ug/kg	0
A11H-009	Chrysene	SE	0.000	U	0	510	ug/kg	0
A11H-009	Dibenzo(a,h)anthracene	SE	0.000	U	0	510	ug/kg	0
A11H-009	Indeno(1,2,3-cd)pyrene	SE	0.000	U	0	510	ug/kg	0

'Samp_ID' = AUS-A11H-009-SD-0X_4/24/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID AUS-A11H-010-SD-0X_4/25/00_(0-0.5)Grab_NM

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
A11H-010	Benzo(a)anthracene	SE	0.000	U	0	480	ug/kg	0
A11H-010	Benzo(a)pyrene	SE	0.000	U	0	480	ug/kg	0
A11H-010	Benzo(b)fluoranthene	SE	0.000	U	0	480	ug/kg	0
A11H-010	Benzo(k)fluoranthene	SE	0.000	U	0	480	ug/kg	0
A11H-010	Chrysene	SE	0.000	U	0	480	ug/kg	0
A11H-010	Dibenzo(a,h)anthracene	SE	0.000	U	0	480	ug/kg	0
A11H-010	Indeno(1,2,3-cd)pyrene	SE	0.000	U	0	480	ug/kg	0

'Samp_ID' = AUS-A11H-010-SD-0X_4/25/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID AUS-A11H-012-SD-0X_4/24/00_(0-0.5)Grab_NM

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
A11H-012	Benzo(a)anthracene	SE	0.000	U	310	620	ug/kg	31
A11H-012	Benzo(a)pyrene	SE	0.000	U	310	620	ug/kg	310
A11H-012	Benzo(b)fluoranthene	SE	0.000	U	310	620	ug/kg	31
A11H-012	Benzo(k)fluoranthene	SE	0.000	U	310	620	ug/kg	3.1
A11H-012	Chrysene	SE	0.000	U	310	620	ug/kg	0.31
A11H-012	Dibenzo(a,h)anthracene	SE	0.000	U	310	620	ug/kg	310
A11H-012	Indeno(1,2,3-cd)pyrene	SE	0.000	U	310	620	ug/kg	31

'Samp_ID' = AUS-A11H-012-SD-0X_4/24/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : **716.41**

Samp_ID *AUS-A11H-013-SS-0X_4/25/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
A11H-013	Benzo(a)anthracene	SO	0.000	U	195	390	ug/kg	19.5
A11H-013	Benzo(a)pyrene	SO	0.000	U	195	390	ug/kg	195
A11H-013	Benzo(b)fluoranthene	SO	77.000	J	77	390	ug/kg	7.7
A11H-013	Benzo(k)fluoranthene	SO	0.000	U	195	390	ug/kg	1.95
A11H-013	Chrysene	SO	64.000	J	64	390	ug/kg	0.064
A11H-013	Dibenzo(a,h)anthracene	SO	0.000	U	195	390	ug/kg	195
A11H-013	Indeno(1,2,3-cd)pyrene	SO	0.000	U	195	390	ug/kg	19.5

'Samp_ID' = AUS-A11H-013-SS-0X_4/25/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : 438.714

Samp_ID *AUS-A11H-015-SS-0X_4/25/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
A11H-015	Benzo(a)anthracene	SO	0.000	U	0	440	ug/kg	0
A11H-015	Benzo(a)pyrene	SO	0.000	U	0	440	ug/kg	0
A11H-015	Benzo(b)fluoranthene	SO	0.000	U	0	440	ug/kg	0
A11H-015	Benzo(k)fluoranthene	SO	0.000	U	0	440	ug/kg	0
A11H-015	Chrysene	SO	0.000	U	0	440	ug/kg	0
A11H-015	Dibenzo(a,h)anthracene	SO	0.000	U	0	440	ug/kg	0
A11H-015	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	440	ug/kg	0

'Samp_ID' = AUS-A11H-015-SS-0X_4/25/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID AUS-A11H-018-SD-0X_4/25/00_(0-0.5)Grab_NM

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
A11H-018	Benzo(a)anthracene	SE	0.000	U	230	460	ug/kg	23
A11H-018	Benzo(a)pyrene	SE	0.000	U	230	460	ug/kg	230
A11H-018	Benzo(b)fluoranthene	SE	94.000	J	94	460	ug/kg	9.4
A11H-018	Benzo(k)fluoranthene	SE	0.000	U	230	460	ug/kg	2.3
A11H-018	Chrysene	SE	51.000	J	51	460	ug/kg	0.051
A11H-018	Dibenzo(a,h)anthracene	SE	0.000	U	230	460	ug/kg	230
A11H-018	Indeno(1,2,3-cd)pyrene	SE	0.000	U	230	460	ug/kg	23

'Samp_ID' = AUS-A11H-018-SD-0X_4/25/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : 517.751

Samp_ID AUS-A11H-019-SD-0X_4/25/00_(0-0.5)Grab_NM

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
A11H-019	Benzo(a)anthracene	SE	9.600		9.6	7.1	ug/kg	0.96
A11H-019	Benzo(a)pyrene	SE	15.000		15	7.1	ug/kg	15
A11H-019	Benzo(b)fluoranthene	SE	18.000		18	9.6	ug/kg	1.8
A11H-019	Benzo(k)fluoranthene	SE	0.000	U	3.55	7.1	ug/kg	0.0355
A11H-019	Chrysene	SE	30.000		30	7.1	ug/kg	0.03
A11H-019	Dibenzo(a,h)anthracene	SE	0.000	U	6	12	ug/kg	6
A11H-019	Indeno(1,2,3-cd)pyrene	SE	0.000	U	3.55	7.1	ug/kg	0.355

'Samp_ID' = AUS-A11H-019-SD-0X_4/25/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *24.1805*

Samp_ID *AUS-A11H-020-SD-0X_4/25/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
A11H-020	Benzo(a)anthracene	SE	0.000	U	300	600	ug/kg	30
A11H-020	Benzo(a)pyrene	SE	0.000	U	300	600	ug/kg	300
A11H-020	Benzo(b)fluoranthene	SE	0.000	U	300	600	ug/kg	30
A11H-020	Benzo(k)fluoranthene	SE	0.000	U	300	600	ug/kg	3
A11H-020	Chrysene	SE	0.000	U	300	600	ug/kg	0.3
A11H-020	Dibenzo(a,h)anthracene	SE	0.000	U	300	600	ug/kg	300
A11H-020	Indeno(1,2,3-cd)pyrene	SE	0.000	U	300	600	ug/kg	30

'Samp_ID' = AUS-A11H-020-SD-0X_4/25/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : 693.3

Samp_ID *AUS-A11H-021-SS-05_4/11/00_(5-5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
A11H-021	Benzo(a)anthracene	SO	0.000	U	0	440	ug/kg	0
A11H-021	Benzo(a)pyrene	SO	0.000	U	0	440	ug/kg	0
A11H-021	Benzo(b)fluoranthene	SO	0.000	U	0	440	ug/kg	0
A11H-021	Benzo(k)fluoranthene	SO	0.000	U	0	440	ug/kg	0
A11H-021	Chrysene	SO	0.000	U	0	440	ug/kg	0
A11H-021	Dibenzo(a,h)anthracene	SO	0.000	U	0	440	ug/kg	0
A11H-021	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	440	ug/kg	0

'Samp_ID' = AUS-A11H-021-SS-05_4/11/00_(5-5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID AUS-A11H-021-SS-07_4/11/00_(7-7)Grab_NM

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
A11H-021	Benzo(a)anthracene	SO	0.000	U	0	420	ug/kg	0
A11H-021	Benzo(a)pyrene	SO	0.000	U	0	420	ug/kg	0
A11H-021	Benzo(b)fluoranthene	SO	0.000	U	0	420	ug/kg	0
A11H-021	Benzo(k)fluoranthene	SO	0.000	U	0	420	ug/kg	0
A11H-021	Chrysene	SO	0.000	U	0	420	ug/kg	0
A11H-021	Dibenzo(a,h)anthracene	SO	0.000	U	0	420	ug/kg	0
A11H-021	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	420	ug/kg	0

'Samp_ID' = AUS-A11H-021-SS-07_4/11/00_(7-7)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID AUS-A11H-022-SD-0X_4/25/00_(0-0.5)Grab_NM

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
A11H-022	Benzo(a)anthracene	SE	0.000	U	0	480	ug/kg	0
A11H-022	Benzo(a)pyrene	SE	0.000	U	0	480	ug/kg	0
A11H-022	Benzo(b)fluoranthene	SE	0.000	U	0	480	ug/kg	0
A11H-022	Benzo(k)fluoranthene	SE	0.000	U	0	480	ug/kg	0
A11H-022	Chrysene	SE	0.000	U	0	480	ug/kg	0
A11H-022	Dibenzo(a,h)anthracene	SE	0.000	U	0	480	ug/kg	0
A11H-022	Indeno(1,2,3-cd)pyrene	SE	0.000	U	0	480	ug/kg	0

'Samp_ID' = AUS-A11H-022-SD-0X_4/25/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-A11H-023-SD-0X_4/25/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
A11H-023	Benzo(a)anthracene	SE	0.000	U	0	450	ug/kg	0
A11H-023	Benzo(a)pyrene	SE	0.000	U	0	450	ug/kg	0
A11H-023	Benzo(b)fluoranthene	SE	0.000	U	0	450	ug/kg	0
A11H-023	Benzo(k)fluoranthene	SE	0.000	U	0	450	ug/kg	0
A11H-023	Chrysene	SE	0.000	U	0	450	ug/kg	0
A11H-023	Dibenzo(a,h)anthracene	SE	0.000	U	0	450	ug/kg	0
A11H-023	Indeno(1,2,3-cd)pyrene	SE	0.000	U	0	450	ug/kg	0

'Samp_ID' = AUS-A11H-023-SD-0X_4/25/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-A11H-025-SL-0X_4/28/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
A11H-025	Benzo(a)anthracene	SL	0.000	U	0	510	ug/kg	0
A11H-025	Benzo(a)pyrene	SL	0.000	U	0	510	ug/kg	0
A11H-025	Benzo(b)fluoranthene	SL	0.000	U	0	510	ug/kg	0
A11H-025	Benzo(k)fluoranthene	SL	0.000	U	0	510	ug/kg	0
A11H-025	Chrysene	SL	0.000	U	0	510	ug/kg	0
A11H-025	Dibenzo(a,h)anthracene	SL	0.000	U	0	510	ug/kg	0
A11H-025	Indeno(1,2,3-cd)pyrene	SL	0.000	U	0	510	ug/kg	0

'Samp_ID' = AUS-A11H-025-SL-0X_4/28/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-A11H-027-SS-0X_4/26/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
A11H-027	Benzo(a)anthracene	SO	0.000	U	0	440	ug/kg	0
A11H-027	Benzo(a)pyrene	SO	0.000	U	0	440	ug/kg	0
A11H-027	Benzo(b)fluoranthene	SO	0.000	U	0	440	ug/kg	0
A11H-027	Benzo(k)fluoranthene	SO	0.000	U	0	440	ug/kg	0
A11H-027	Chrysene	SO	0.000	U	0	440	ug/kg	0
A11H-027	Dibenzo(a,h)anthracene	SO	0.000	U	0	440	ug/kg	0
A11H-027	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	440	ug/kg	0

'Samp_ID' = AUS-A11H-027-SS-0X_4/26/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-A11H-028-SS-05_4/12/00_(5-5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
A11H-028	Benzo(a)anthracene	SO	0.000	U	0	420	ug/kg	0
A11H-028	Benzo(a)pyrene	SO	0.000	U	0	420	ug/kg	0
A11H-028	Benzo(b)fluoranthene	SO	0.000	U	0	420	ug/kg	0
A11H-028	Benzo(k)fluoranthene	SO	0.000	U	0	420	ug/kg	0
A11H-028	Chrysene	SO	0.000	U	0	420	ug/kg	0
A11H-028	Dibenzo(a,h)anthracene	SO	0.000	U	0	420	ug/kg	0
A11H-028	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	420	ug/kg	0

'Samp_ID' = AUS-A11H-028-SS-05_4/12/00_(5-5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-A11H-028-SS-0X_4/12/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
A11H-028	Benzo(a)anthracene	SO	0.000	U	210	420	ug/kg	21
A11H-028	Benzo(a)pyrene	SO	63.000	J	63	420	ug/kg	63
A11H-028	Benzo(b)fluoranthene	SO	52.000	J	52	420	ug/kg	5.2
A11H-028	Benzo(k)fluoranthene	SO	0.000	U	210	420	ug/kg	2.1
A11H-028	Chrysene	SO	47.000	J	47	420	ug/kg	0.047
A11H-028	Dibenzo(a,h)anthracene	SO	0.000	U	210	420	ug/kg	210
A11H-028	Indeno(1,2,3-cd)pyrene	SO	0.000	U	210	420	ug/kg	21

'Samp_ID' = AUS-A11H-028-SS-0X_4/12/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : **322.347**

Samp_ID *AUS-A11H-029-SL-0X_4/27/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
A11H-029	Benzo(a)anthracene	SL	0.000	U	0	470	ug/kg	0
A11H-029	Benzo(a)pyrene	SL	0.000	U	0	470	ug/kg	0
A11H-029	Benzo(b)fluoranthene	SL	0.000	U	0	470	ug/kg	0
A11H-029	Benzo(k)fluoranthene	SL	0.000	U	0	470	ug/kg	0
A11H-029	Chrysene	SL	0.000	U	0	470	ug/kg	0
A11H-029	Dibenzo(a,h)anthracene	SL	0.000	U	0	470	ug/kg	0
A11H-029	Indeno(1,2,3-cd)pyrene	SL	0.000	U	0	470	ug/kg	0

'Samp_ID' = AUS-A11H-029-SL-0X_4/27/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID AUS-A11H-030-SD-0X_4/26/00_(0-0.5)Grab_NM

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
A11H-030	Benzo(a)anthracene	SE	0.000	U	0	460	ug/kg	0
A11H-030	Benzo(a)pyrene	SE	0.000	U	0	460	ug/kg	0
A11H-030	Benzo(b)fluoranthene	SE	0.000	U	0	460	ug/kg	0
A11H-030	Benzo(k)fluoranthene	SE	0.000	U	0	460	ug/kg	0
A11H-030	Chrysene	SE	0.000	U	0	460	ug/kg	0
A11H-030	Dibenzo(a,h)anthracene	SE	0.000	U	0	460	ug/kg	0
A11H-030	Indeno(1,2,3-cd)pyrene	SE	0.000	U	0	460	ug/kg	0

'Samp_ID' = AUS-A11H-030-SD-0X_4/26/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID AUS-A11H-031-SD-0X_4/26/00_(0-0.5)Grab_NM

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
A11H-031	Benzo(a)anthracene	SE	0.000	U	305	610	ug/kg	30.5
A11H-031	Benzo(a)pyrene	SE	0.000	U	305	610	ug/kg	305
A11H-031	Benzo(b)fluoranthene	SE	0.000	U	305	610	ug/kg	30.5
A11H-031	Benzo(k)fluoranthene	SE	0.000	U	305	610	ug/kg	3.05
A11H-031	Chrysene	SE	0.000	U	305	610	ug/kg	0.305
A11H-031	Dibenzo(a,h)anthracene	SE	0.000	U	305	610	ug/kg	305
A11H-031	Indeno(1,2,3-cd)pyrene	SE	0.000	U	305	610	ug/kg	30.5

'Samp_ID' = AUS-A11H-031-SD-0X_4/26/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : **704.855**

Samp_ID *AUS-A11H-032-SS-02_4/26/00_(2-2)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
A11H-032	Benzo(a)anthracene	SO	0.000	U	0	400	ug/kg	0
A11H-032	Benzo(a)pyrene	SO	0.000	U	0	400	ug/kg	0
A11H-032	Benzo(b)fluoranthene	SO	0.000	U	0	400	ug/kg	0
A11H-032	Benzo(k)fluoranthene	SO	0.000	U	0	400	ug/kg	0
A11H-032	Chrysene	SO	0.000	U	0	400	ug/kg	0
A11H-032	Dibenzo(a,h)anthracene	SO	0.000	U	0	400	ug/kg	0
A11H-032	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	400	ug/kg	0

'Samp_ID' = AUS-A11H-032-SS-02_4/26/00_(2-2)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-A11H-032-SS-05_4/26/00_(5-5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
A11H-032	Benzo(a)anthracene	SO	0.000	U	0	400	ug/kg	0
A11H-032	Benzo(a)pyrene	SO	0.000	U	0	400	ug/kg	0
A11H-032	Benzo(b)fluoranthene	SO	0.000	U	0	400	ug/kg	0
A11H-032	Benzo(k)fluoranthene	SO	0.000	U	0	400	ug/kg	0
A11H-032	Chrysene	SO	0.000	U	0	400	ug/kg	0
A11H-032	Dibenzo(a,h)anthracene	SO	0.000	U	0	400	ug/kg	0
A11H-032	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	400	ug/kg	0

'Samp_ID' = AUS-A11H-032-SS-05_4/26/00_(5-5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID AUS-A11H-033-SD-0X_4/26/00_(0-0.5)Grab_NM

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
A11H-033	Benzo(a)anthracene	SE	0.000	U	0	420	ug/kg	0
A11H-033	Benzo(a)pyrene	SE	0.000	U	0	420	ug/kg	0
A11H-033	Benzo(b)fluoranthene	SE	0.000	U	0	420	ug/kg	0
A11H-033	Benzo(k)fluoranthene	SE	0.000	U	0	420	ug/kg	0
A11H-033	Chrysene	SE	0.000	U	0	420	ug/kg	0
A11H-033	Dibenzo(a,h)anthracene	SE	0.000	U	0	420	ug/kg	0
A11H-033	Indeno(1,2,3-cd)pyrene	SE	0.000	U	0	420	ug/kg	0

'Samp_ID' = AUS-A11H-033-SD-0X_4/26/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID AUS-A11H-035-SD-0X_4/26/00_(0-0.5)Grab_NM

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
A11H-035	Benzo(a)anthracene	SE	0.000	U	315	630	ug/kg	31.5
A11H-035	Benzo(a)pyrene	SE	0.000	U	315	630	ug/kg	315
A11H-035	Benzo(b)fluoranthene	SE	0.000	U	315	630	ug/kg	31.5
A11H-035	Benzo(k)fluoranthene	SE	0.000	U	315	630	ug/kg	3.15
A11H-035	Chrysene	SE	0.000	U	315	630	ug/kg	0.315
A11H-035	Dibenzo(a,h)anthracene	SE	0.000	U	315	630	ug/kg	315
A11H-035	Indeno(1,2,3-cd)pyrene	SE	0.000	U	315	630	ug/kg	31.5

'Samp_ID' = AUS-A11H-035-SD-0X_4/26/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : **727.965**

Samp_ID *AUS-A11H-036-SD-0X_4/26/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
A11H-036	Benzo(a)anthracene	SE	0.000	U	0	440	ug/kg	0
A11H-036	Benzo(a)pyrene	SE	0.000	U	0	440	ug/kg	0
A11H-036	Benzo(b)fluoranthene	SE	0.000	U	0	440	ug/kg	0
A11H-036	Benzo(k)fluoranthene	SE	0.000	U	0	440	ug/kg	0
A11H-036	Chrysene	SE	0.000	U	0	440	ug/kg	0
A11H-036	Dibenzo(a,h)anthracene	SE	0.000	U	0	440	ug/kg	0
A11H-036	Indeno(1,2,3-cd)pyrene	SE	0.000	U	0	440	ug/kg	0

'Samp_ID' = AUS-A11H-036-SD-0X_4/26/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-A11H-039-SS-02_4/27/00_(2-2)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
A11H-039	Benzo(a)anthracene	SO	0.000	U	0	410	ug/kg	0
A11H-039	Benzo(a)pyrene	SO	0.000	U	0	410	ug/kg	0
A11H-039	Benzo(b)fluoranthene	SO	0.000	U	0	410	ug/kg	0
A11H-039	Benzo(k)fluoranthene	SO	0.000	U	0	410	ug/kg	0
A11H-039	Chrysene	SO	0.000	U	0	410	ug/kg	0
A11H-039	Dibenzo(a,h)anthracene	SO	0.000	U	0	410	ug/kg	0
A11H-039	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	410	ug/kg	0

'Samp_ID' = AUS-A11H-039-SS-02_4/27/00_(2-2)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID AUS-A11H-039-SS-05_4/27/00_(5-5)Grab_NM

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
A11H-039	Benzo(a)anthracene	SO	0.000	U	0	400	ug/kg	0
A11H-039	Benzo(a)pyrene	SO	0.000	U	0	400	ug/kg	0
A11H-039	Benzo(b)fluoranthene	SO	0.000	U	0	400	ug/kg	0
A11H-039	Benzo(k)fluoranthene	SO	0.000	U	0	400	ug/kg	0
A11H-039	Chrysene	SO	0.000	U	0	400	ug/kg	0
A11H-039	Dibenzo(a,h)anthracene	SO	0.000	U	0	400	ug/kg	0
A11H-039	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	400	ug/kg	0

'Samp_ID' = AUS-A11H-039-SS-05_4/27/00_(5-5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID AUS-A11H-040-SD-0X_4/27/00_(0-0.5)Grab_NM

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
A11H-040	Benzo(a)anthracene	SE	0.000	U	0	460	ug/kg	0
A11H-040	Benzo(a)pyrene	SE	0.000	U	0	460	ug/kg	0
A11H-040	Benzo(b)fluoranthene	SE	0.000	U	0	460	ug/kg	0
A11H-040	Benzo(k)fluoranthene	SE	0.000	U	0	460	ug/kg	0
A11H-040	Chrysene	SE	0.000	U	0	460	ug/kg	0
A11H-040	Dibenzo(a,h)anthracene	SE	0.000	U	0	460	ug/kg	0
A11H-040	Indeno(1,2,3-cd)pyrene	SE	0.000	U	0	460	ug/kg	0

'Samp_ID' = AUS-A11H-040-SD-0X_4/27/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-A11H-041-SD-0X_4/27/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
A11H-041	Benzo(a)anthracene	SE	0.000	U	0	530	ug/kg	0
A11H-041	Benzo(a)pyrene	SE	0.000	U	0	530	ug/kg	0
A11H-041	Benzo(b)fluoranthene	SE	0.000	U	0	530	ug/kg	0
A11H-041	Benzo(k)fluoranthene	SE	0.000	U	0	530	ug/kg	0
A11H-041	Chrysene	SE	0.000	U	0	530	ug/kg	0
A11H-041	Dibenzo(a,h)anthracene	SE	0.000	U	0	530	ug/kg	0
A11H-041	Indeno(1,2,3-cd)pyrene	SE	0.000	U	0	530	ug/kg	0

'Samp_ID' = AUS-A11H-041-SD-0X_4/27/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-A11H-042-SD-0X_4/26/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
A11H-042	Benzo(a)anthracene	SE	0.000	U	0	480	ug/kg	0
A11H-042	Benzo(a)pyrene	SE	0.000	U	0	480	ug/kg	0
A11H-042	Benzo(b)fluoranthene	SE	0.000	U	0	480	ug/kg	0
A11H-042	Benzo(k)fluoranthene	SE	0.000	U	0	480	ug/kg	0
A11H-042	Chrysene	SE	0.000	U	0	480	ug/kg	0
A11H-042	Dibenzo(a,h)anthracene	SE	0.000	U	0	480	ug/kg	0
A11H-042	Indeno(1,2,3-cd)pyrene	SE	0.000	U	0	480	ug/kg	0

'Samp_ID' = AUS-A11H-042-SD-0X_4/26/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-A11H-043-SD-0X_4/28/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
A11H-043	Benzo(a)anthracene	SE	0.000	U	0	450	ug/kg	0
A11H-043	Benzo(a)pyrene	SE	0.000	U	0	450	ug/kg	0
A11H-043	Benzo(b)fluoranthene	SE	0.000	U	0	450	ug/kg	0
A11H-043	Benzo(k)fluoranthene	SE	0.000	U	0	450	ug/kg	0
A11H-043	Chrysene	SE	0.000	U	0	450	ug/kg	0
A11H-043	Dibenzo(a,h)anthracene	SE	0.000	U	0	450	ug/kg	0
A11H-043	Indeno(1,2,3-cd)pyrene	SE	0.000	U	0	450	ug/kg	0

'Samp_ID' = AUS-A11H-043-SD-0X_4/28/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-A11H-044-SS-02_4/27/00_(2-2)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
A11H-044	Benzo(a)anthracene	SO	0.000	U	0	400	ug/kg	0
A11H-044	Benzo(a)pyrene	SO	0.000	U	0	400	ug/kg	0
A11H-044	Benzo(b)fluoranthene	SO	0.000	U	0	400	ug/kg	0
A11H-044	Benzo(k)fluoranthene	SO	0.000	U	0	400	ug/kg	0
A11H-044	Chrysene	SO	0.000	U	0	400	ug/kg	0
A11H-044	Dibenzo(a,h)anthracene	SO	0.000	U	0	400	ug/kg	0
A11H-044	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	400	ug/kg	0

'Samp_ID' = AUS-A11H-044-SS-02_4/27/00_(2-2)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-A11H-044-SS-05_4/27/00_(5-5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
A11H-044	Benzo(a)anthracene	SO	0.000	U	0	400	ug/kg	0
A11H-044	Benzo(a)pyrene	SO	0.000	U	0	400	ug/kg	0
A11H-044	Benzo(b)fluoranthene	SO	0.000	U	0	400	ug/kg	0
A11H-044	Benzo(k)fluoranthene	SO	0.000	U	0	400	ug/kg	0
A11H-044	Chrysene	SO	0.000	U	0	400	ug/kg	0
A11H-044	Dibenzo(a,h)anthracene	SO	0.000	U	0	400	ug/kg	0
A11H-044	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	400	ug/kg	0

'Samp_ID' = AUS-A11H-044-SS-05_4/27/00_(5-5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-A11H-045-SD-0X_4/27/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
A11H-045	Benzo(a)anthracene	SE	0.000	U	220	440	ug/kg	22
A11H-045	Benzo(a)pyrene	SE	87.000	J	87	440	ug/kg	87
A11H-045	Benzo(b)fluoranthene	SE	58.000	J	58	440	ug/kg	5.8
A11H-045	Benzo(k)fluoranthene	SE	46.000	J	46	440	ug/kg	0.46
A11H-045	Chrysene	SE	79.000	J	79	440	ug/kg	0.079
A11H-045	Dibenzo(a,h)anthracene	SE	0.000	U	220	440	ug/kg	220
A11H-045	Indeno(1,2,3-cd)pyrene	SE	91.000	J	91	440	ug/kg	9.1

'Samp_ID' = AUS-A11H-045-SD-0X_4/27/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : 344.439

Samp_ID *AUS-A11H-046-SD-0X_4/27/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
A11H-046	Benzo(a)anthracene	SE	0.000	U	0	500	ug/kg	0
A11H-046	Benzo(a)pyrene	SE	0.000	U	0	500	ug/kg	0
A11H-046	Benzo(b)fluoranthene	SE	0.000	U	0	500	ug/kg	0
A11H-046	Benzo(k)fluoranthene	SE	0.000	U	0	500	ug/kg	0
A11H-046	Chrysene	SE	0.000	U	0	500	ug/kg	0
A11H-046	Dibenzo(a,h)anthracene	SE	0.000	U	0	500	ug/kg	0
A11H-046	Indeno(1,2,3-cd)pyrene	SE	0.000	U	0	500	ug/kg	0

'Samp_ID' = AUS-A11H-046-SD-0X_4/27/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-A11H-049-SS-0X_4/27/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
A11H-049	Benzo(a)anthracene	SO	0.000	U	0	430	ug/kg	0
A11H-049	Benzo(a)pyrene	SO	0.000	U	0	430	ug/kg	0
A11H-049	Benzo(b)fluoranthene	SO	0.000	U	0	430	ug/kg	0
A11H-049	Benzo(k)fluoranthene	SO	0.000	U	0	430	ug/kg	0
A11H-049	Chrysene	SO	0.000	U	0	430	ug/kg	0
A11H-049	Dibenzo(a,h)anthracene	SO	0.000	U	0	430	ug/kg	0
A11H-049	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	430	ug/kg	0

'Samp_ID' = AUS-A11H-049-SS-0X_4/27/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-A11H-050-SD-0X_4/27/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
A11H-050	Benzo(a)anthracene	SE	0.000	U	0	510	ug/kg	0
A11H-050	Benzo(a)pyrene	SE	0.000	U	0	510	ug/kg	0
A11H-050	Benzo(b)fluoranthene	SE	0.000	U	0	510	ug/kg	0
A11H-050	Benzo(k)fluoranthene	SE	0.000	U	0	510	ug/kg	0
A11H-050	Chrysene	SE	0.000	U	0	510	ug/kg	0
A11H-050	Dibenzo(a,h)anthracene	SE	0.000	U	0	510	ug/kg	0
A11H-050	Indeno(1,2,3-cd)pyrene	SE	0.000	U	0	510	ug/kg	0

'Samp_ID' = AUS-A11H-050-SD-0X_4/27/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-A11H-051-SD-0X_4/28/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
A11H-051	Benzo(a)anthracene	SE	0.000	U	0	470	ug/kg	0
A11H-051	Benzo(a)pyrene	SE	0.000	U	0	470	ug/kg	0
A11H-051	Benzo(b)fluoranthene	SE	0.000	U	0	470	ug/kg	0
A11H-051	Benzo(k)fluoranthene	SE	0.000	U	0	470	ug/kg	0
A11H-051	Chrysene	SE	0.000	U	0	470	ug/kg	0
A11H-051	Dibenzo(a,h)anthracene	SE	0.000	U	0	470	ug/kg	0
A11H-051	Indeno(1,2,3-cd)pyrene	SE	0.000	U	0	470	ug/kg	0

'Samp_ID' = AUS-A11H-051-SD-0X_4/28/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-A11H-053-SS-02_4/28/00_(2-2)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
A11H-053	Benzo(a)anthracene	SO	200.000	J	200	490	ug/kg	20
A11H-053	Benzo(a)pyrene	SO	260.000	J	260	490	ug/kg	260
A11H-053	Benzo(b)fluoranthene	SO	470.000	J	470	490	ug/kg	47
A11H-053	Benzo(k)fluoranthene	SO	130.000	J	130	490	ug/kg	1.3
A11H-053	Chrysene	SO	300.000	J	300	490	ug/kg	0.3
A11H-053	Dibenzo(a,h)anthracene	SO	0.000	U	245	490	ug/kg	245
A11H-053	Indeno(1,2,3-cd)pyrene	SO	290.000	J	290	490	ug/kg	29

'Samp_ID' = AUS-A11H-053-SS-02_4/28/00_(2-2)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : 602.6

Samp_ID *AUS-A11H-057-SD-0X_4/27/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
A11H-057	Benzo(a)anthracene	SE	0.000	U	0	460	ug/kg	0
A11H-057	Benzo(a)pyrene	SE	0.000	U	0	460	ug/kg	0
A11H-057	Benzo(b)fluoranthene	SE	0.000	U	0	460	ug/kg	0
A11H-057	Benzo(k)fluoranthene	SE	0.000	U	0	460	ug/kg	0
A11H-057	Chrysene	SE	0.000	U	0	460	ug/kg	0
A11H-057	Dibenzo(a,h)anthracene	SE	0.000	U	0	460	ug/kg	0
A11H-057	Indeno(1,2,3-cd)pyrene	SE	0.000	U	0	460	ug/kg	0

'Samp_ID' = AUS-A11H-057-SD-0X_4/27/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-A11H-059-SS-0X_4/28/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
A11H-059	Benzo(a)anthracene	SO	0.000	U	0	390	ug/kg	0
A11H-059	Benzo(a)pyrene	SO	0.000	U	0	390	ug/kg	0
A11H-059	Benzo(b)fluoranthene	SO	0.000	U	0	390	ug/kg	0
A11H-059	Benzo(k)fluoranthene	SO	0.000	U	0	390	ug/kg	0
A11H-059	Chrysene	SO	0.000	U	0	390	ug/kg	0
A11H-059	Dibenzo(a,h)anthracene	SO	0.000	U	0	390	ug/kg	0
A11H-059	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	390	ug/kg	0

'Samp_ID' = AUS-A11H-059-SS-0X_4/28/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-A11H-060-SS-0X_4/28/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
A11H-060	Benzo(a)anthracene	SO	0.000	U	0	420	ug/kg	0
A11H-060	Benzo(a)pyrene	SO	0.000	U	0	420	ug/kg	0
A11H-060	Benzo(b)fluoranthene	SO	0.000	U	0	420	ug/kg	0
A11H-060	Benzo(k)fluoranthene	SO	0.000	U	0	420	ug/kg	0
A11H-060	Chrysene	SO	0.000	U	0	420	ug/kg	0
A11H-060	Dibenzo(a,h)anthracene	SO	0.000	U	0	420	ug/kg	0
A11H-060	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	420	ug/kg	0

'Samp_ID' = AUS-A11H-060-SS-0X_4/28/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-A11H-061-SS-05_4/11/00_(5-5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
A11H-061	Benzo(a)anthracene	SO	350.000	J	350	370	ug/kg	35
A11H-061	Benzo(a)pyrene	SO	380.000		380	370	ug/kg	380
A11H-061	Benzo(b)fluoranthene	SO	540.000		540	370	ug/kg	54
A11H-061	Benzo(k)fluoranthene	SO	520.000		520	370	ug/kg	5.2
A11H-061	Chrysene	SO	400.000		400	370	ug/kg	0.4
A11H-061	Dibenzo(a,h)anthracene	SO	0.000	U	185	370	ug/kg	185
A11H-061	Indeno(1,2,3-cd)pyrene	SO	160.000	J	160	370	ug/kg	16

'Samp_ID' = AUS-A11H-061-SS-05_4/11/00_(5-5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : 675.6

Samp_ID *AUS-A11H-061-SS-07_4/11/00_(7-7)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
A11H-061	Benzo(a)anthracene	SO	0.000	U	0	390	ug/kg	0
A11H-061	Benzo(a)pyrene	SO	0.000	U	0	390	ug/kg	0
A11H-061	Benzo(b)fluoranthene	SO	0.000	U	0	390	ug/kg	0
A11H-061	Benzo(k)fluoranthene	SO	0.000	U	0	390	ug/kg	0
A11H-061	Chrysene	SO	0.000	U	0	390	ug/kg	0
A11H-061	Dibenzo(a,h)anthracene	SO	0.000	U	0	390	ug/kg	0
A11H-061	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	390	ug/kg	0

'Samp_ID' = AUS-A11H-061-SS-07_4/11/00_(7-7)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-A11H-061-SS-0X_4/11/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
A11H-061	Benzo(a)anthracene	SO	0.000	U	0	400	ug/kg	0
A11H-061	Benzo(a)pyrene	SO	0.000	U	0	400	ug/kg	0
A11H-061	Benzo(b)fluoranthene	SO	0.000	U	0	400	ug/kg	0
A11H-061	Benzo(k)fluoranthene	SO	0.000	U	0	400	ug/kg	0
A11H-061	Chrysene	SO	0.000	U	0	400	ug/kg	0
A11H-061	Dibenzo(a,h)anthracene	SO	0.000	U	0	400	ug/kg	0
A11H-061	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	400	ug/kg	0

'Samp_ID' = AUS-A11H-061-SS-0X_4/11/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-A11H-062-SD-0X_4/28/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
A11H-062	Benzo(a)anthracene	SE	59.000	J	59	430	ug/kg	5.9
A11H-062	Benzo(a)pyrene	SE	66.000	J	66	430	ug/kg	66
A11H-062	Benzo(b)fluoranthene	SE	93.000	J	93	430	ug/kg	9.3
A11H-062	Benzo(k)fluoranthene	SE	93.000	J	93	430	ug/kg	0.93
A11H-062	Chrysene	SE	79.000	J	79	430	ug/kg	0.079
A11H-062	Dibenzo(a,h)anthracene	SE	0.000	U	215	430	ug/kg	215
A11H-062	Indeno(1,2,3-cd)pyrene	SE	0.000	U	215	430	ug/kg	21.5

'Samp_ID' = AUS-A11H-062-SD-0X_4/28/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : **318.709**

Samp_ID *AUS-A11H-063-SD-0X_4/28/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
A11H-063	Benzo(a)anthracene	SE	360.000	J	360	430	ug/kg	36
A11H-063	Benzo(a)pyrene	SE	350.000	J	350	430	ug/kg	350
A11H-063	Benzo(b)fluoranthene	SE	540.000		540	430	ug/kg	54
A11H-063	Benzo(k)fluoranthene	SE	490.000		490	430	ug/kg	4.9
A11H-063	Chrysene	SE	520.000		520	430	ug/kg	0.52
A11H-063	Dibenzo(a,h)anthracene	SE	87.000	J	87	430	ug/kg	87
A11H-063	Indeno(1,2,3-cd)pyrene	SE	170.000	J	170	430	ug/kg	17

'Samp_ID' = AUS-A11H-063-SD-0X_4/28/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : **549.42**

Samp_ID *AUS-A11H-064-SL-0X_4/28/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
A11H-064	Benzo(a)anthracene	SL	1500.000		1500	430	ug/kg	150
A11H-064	Benzo(a)pyrene	SL	1800.000		1800	430	ug/kg	1800
A11H-064	Benzo(b)fluoranthene	SL	2500.000		2500	430	ug/kg	250
A11H-064	Benzo(k)fluoranthene	SL	2300.000		2300	430	ug/kg	23
A11H-064	Chrysene	SL	1900.000		1900	430	ug/kg	1.9
A11H-064	Dibenzo(a,h)anthracene	SL	340.000	J	340	430	ug/kg	340
A11H-064	Indeno(1,2,3-cd)pyrene	SL	980.000		980	430	ug/kg	98

'Samp_ID' = AUS-A11H-064-SL-0X_4/28/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : **2662.9**

Samp_ID *AUS-A11H-065-SS-0X_4/28/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
A11H-065	Benzo(a)anthracene	SO	52.000	J	52	440	ug/kg	5.2
A11H-065	Benzo(a)pyrene	SO	0.000	U	220	440	ug/kg	220
A11H-065	Benzo(b)fluoranthene	SO	0.000	U	220	440	ug/kg	22
A11H-065	Benzo(k)fluoranthene	SO	0.000	U	220	440	ug/kg	2.2
A11H-065	Chrysene	SO	52.000	J	52	440	ug/kg	0.052
A11H-065	Dibenzo(a,h)anthracene	SO	0.000	U	220	440	ug/kg	220
A11H-065	Indeno(1,2,3-cd)pyrene	SO	0.000	U	220	440	ug/kg	22

'Samp_ID' = AUS-A11H-065-SS-0X_4/28/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : **491.452**

Samp_ID *AUS-A11H-066-SS-0X_4/28/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
A11H-066	Benzo(a)anthracene	SO	16.000		16	5.9	ug/kg	1.6
A11H-066	Benzo(a)pyrene	SO	35.000		35	5.9	ug/kg	35
A11H-066	Benzo(b)fluoranthene	SO	27.000		27	7.9	ug/kg	2.7
A11H-066	Benzo(k)fluoranthene	SO	13.000		13	5.9	ug/kg	0.13
A11H-066	Chrysene	SO	0.000	U	2.95	5.9	ug/kg	0.00295
A11H-066	Dibenzo(a,h)anthracene	SO	15.000		15	9.8	ug/kg	15
A11H-066	Indeno(1,2,3-cd)pyrene	SO	34.000		34	5.9	ug/kg	3.4

'Samp_ID' = AUS-A11H-066-SS-0X_4/28/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *57.83295*

Samp_ID *AUS-A11H-067-SS-0X_4/28/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
A11H-067	Benzo(a)anthracene	SO	0.000	U	0	430	ug/kg	0
A11H-067	Benzo(a)pyrene	SO	0.000	U	0	430	ug/kg	0
A11H-067	Benzo(b)fluoranthene	SO	0.000	U	0	430	ug/kg	0
A11H-067	Benzo(k)fluoranthene	SO	0.000	U	0	430	ug/kg	0
A11H-067	Chrysene	SO	0.000	U	0	430	ug/kg	0
A11H-067	Dibenzo(a,h)anthracene	SO	0.000	U	0	430	ug/kg	0
A11H-067	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	430	ug/kg	0

'Samp_ID' = AUS-A11H-067-SS-0X_4/28/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-A11H-501-SS-05_4/11/00_(5-5)Grab_DUP*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
A11H-021	Benzo(a)anthracene	SO	0.000	U	0	430	ug/kg	0
A11H-021	Benzo(a)pyrene	SO	0.000	U	0	430	ug/kg	0
A11H-021	Benzo(b)fluoranthene	SO	0.000	U	0	430	ug/kg	0
A11H-021	Benzo(k)fluoranthene	SO	0.000	U	0	430	ug/kg	0
A11H-021	Chrysene	SO	0.000	U	0	430	ug/kg	0
A11H-021	Dibenzo(a,h)anthracene	SO	0.000	U	0	430	ug/kg	0
A11H-021	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	430	ug/kg	0

'Samp_ID' = AUS-A11H-501-SS-05_4/11/00_(5-5)Grab_DUP (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-A11H-503-SS-0X_4/25/00_(0-0.5)Grab_DUP*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
A11H-013	Benzo(a)anthracene	SO	67.000	J	67	390	ug/kg	6.7
A11H-013	Benzo(a)pyrene	SO	51.000	J	51	390	ug/kg	51
A11H-013	Benzo(b)fluoranthene	SO	120.000	J	120	390	ug/kg	12
A11H-013	Benzo(k)fluoranthene	SO	41.000	J	41	390	ug/kg	0.41
A11H-013	Chrysene	SO	95.000	J	95	390	ug/kg	0.095
A11H-013	Dibenzo(a,h)anthracene	SO	0.000	U	195	390	ug/kg	195
A11H-013	Indeno(1,2,3-cd)pyrene	SO	0.000	U	195	390	ug/kg	19.5

'Samp_ID' = AUS-A11H-503-SS-0X_4/25/00_(0-0.5)Grab_DUP (7 detail records)

Toxic Equivalency Quotient (TEQ) : 284.705

Samp_ID *AUS-A11H-506-SD-0X_4/28/00_(0-0.5)Grab_DUP*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
A11H-051	Benzo(a)anthracene	SE	0.000	U	0	510	ug/kg	0
A11H-051	Benzo(a)pyrene	SE	0.000	U	0	510	ug/kg	0
A11H-051	Benzo(b)fluoranthene	SE	0.000	U	0	510	ug/kg	0
A11H-051	Benzo(k)fluoranthene	SE	0.000	U	0	510	ug/kg	0
A11H-051	Chrysene	SE	0.000	U	0	510	ug/kg	0
A11H-051	Dibenzo(a,h)anthracene	SE	0.000	U	0	510	ug/kg	0
A11H-051	Indeno(1,2,3-cd)pyrene	SE	0.000	U	0	510	ug/kg	0

'Samp_ID' = AUS-A11H-506-SD-0X_4/28/00_(0-0.5)Grab_DUP (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-A11H-W01-SS-05_3/23/00_(5-5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
A11H-W01	Benzo(a)anthracene	SO	0.000	U	0	6.3	ug/kg	0
A11H-W01	Benzo(a)pyrene	SO	0.000	U	0	6.3	ug/kg	0
A11H-W01	Benzo(b)fluoranthene	SO	0.000	U	0	8.5	ug/kg	0
A11H-W01	Benzo(k)fluoranthene	SO	0.000	U	0	6.3	ug/kg	0
A11H-W01	Chrysene	SO	0.000	U	0	6.3	ug/kg	0
A11H-W01	Dibenzo(a,h)anthracene	SO	0.000	U	0	11	ug/kg	0
A11H-W01	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	6.3	ug/kg	0

'Samp_ID' = AUS-A11H-W01-SS-05_3/23/00_(5-5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-A11H-W01-SS-18_3/23/00_(18-18)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
A11H-W01	Benzo(a)anthracene	SO	0.000	U	0	6.1	ug/kg	0
A11H-W01	Benzo(a)pyrene	SO	0.000	U	0	6.1	ug/kg	0
A11H-W01	Benzo(b)fluoranthene	SO	0.000	U	0	8.2	ug/kg	0
A11H-W01	Benzo(k)fluoranthene	SO	0.000	U	0	6.1	ug/kg	0
A11H-W01	Chrysene	SO	0.000	U	0	6.1	ug/kg	0
A11H-W01	Dibenzo(a,h)anthracene	SO	0.000	U	0	10	ug/kg	0
A11H-W01	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	6.1	ug/kg	0

'Samp_ID' = AUS-A11H-W01-SS-18_3/23/00_(18-18)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID AUS-A11N-004-SD-0X_4/17/00_(0-0.5)Grab_NM

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
A11N-004	Benzo(a)anthracene	SE	120.000	J	120	470	ug/kg	12
A11N-004	Benzo(a)pyrene	SE	140.000	J	140	470	ug/kg	140
A11N-004	Benzo(b)fluoranthene	SE	190.000	J	190	470	ug/kg	19
A11N-004	Benzo(k)fluoranthene	SE	70.000	J	70	470	ug/kg	0.7
A11N-004	Chrysene	SE	120.000	J	120	470	ug/kg	0.12
A11N-004	Dibenzo(a,h)anthracene	SE	0.000	U	235	470	ug/kg	235
A11N-004	Indeno(1,2,3-cd)pyrene	SE	0.000	U	235	470	ug/kg	23.5

'Samp_ID' = AUS-A11N-004-SD-0X_4/17/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : 430.32

Samp_ID AUS-A11N-007-SS-08_4/18/00_(8-8)Grab_NM

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
A11N-007	Benzo(a)anthracene	SO	0.000	U	0	380	ug/kg	0
A11N-007	Benzo(a)pyrene	SO	0.000	U	0	380	ug/kg	0
A11N-007	Benzo(b)fluoranthene	SO	0.000	U	0	380	ug/kg	0
A11N-007	Benzo(k)fluoranthene	SO	0.000	U	0	380	ug/kg	0
A11N-007	Chrysene	SO	0.000	U	0	380	ug/kg	0
A11N-007	Dibenzo(a,h)anthracene	SO	0.000	U	0	380	ug/kg	0
A11N-007	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	380	ug/kg	0

'Samp_ID' = AUS-A11N-007-SS-08_4/18/00_(8-8)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-A11N-011-SS-08_4/19/00_(8-8)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
A11N-011	Benzo(a)anthracene	SO	0.000	U	0	360	ug/kg	0
A11N-011	Benzo(a)pyrene	SO	0.000	U	0	360	ug/kg	0
A11N-011	Benzo(b)fluoranthene	SO	0.000	U	0	360	ug/kg	0
A11N-011	Benzo(k)fluoranthene	SO	0.000	U	0	360	ug/kg	0
A11N-011	Chrysene	SO	0.000	U	0	360	ug/kg	0
A11N-011	Dibenzo(a,h)anthracene	SO	0.000	U	0	360	ug/kg	0
A11N-011	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	360	ug/kg	0

'Samp_ID' = AUS-A11N-011-SS-08_4/19/00_(8-8)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-A11N-012-SD-0X_4/18/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
A11N-012	Benzo(a)anthracene	SE	180.000	J	180	500	ug/kg	18
A11N-012	Benzo(a)pyrene	SE	160.000	J	160	500	ug/kg	160
A11N-012	Benzo(b)fluoranthene	SE	130.000	J	130	500	ug/kg	13
A11N-012	Benzo(k)fluoranthene	SE	170.000	J	170	500	ug/kg	1.7
A11N-012	Chrysene	SE	180.000	J	180	500	ug/kg	0.18
A11N-012	Dibenzo(a,h)anthracene	SE	0.000	U	250	500	ug/kg	250
A11N-012	Indeno(1,2,3-cd)pyrene	SE	75.000	J	75	500	ug/kg	7.5

'Samp_ID' = AUS-A11N-012-SD-0X_4/18/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : **450.38**

Samp_ID AUS-A11N-014-SD-0X_4/18/00_(0-0.5)Grab_NM

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
A11N-014	Benzo(a)anthracene	SE	0.000	U	0	520	ug/kg	0
A11N-014	Benzo(a)pyrene	SE	0.000	U	0	520	ug/kg	0
A11N-014	Benzo(b)fluoranthene	SE	0.000	U	0	520	ug/kg	0
A11N-014	Benzo(k)fluoranthene	SE	0.000	U	0	520	ug/kg	0
A11N-014	Chrysene	SE	0.000	U	0	520	ug/kg	0
A11N-014	Dibenzo(a,h)anthracene	SE	0.000	U	0	520	ug/kg	0
A11N-014	Indeno(1,2,3-cd)pyrene	SE	0.000	U	0	520	ug/kg	0

'Samp_ID' = AUS-A11N-014-SD-0X_4/18/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID AUS-A11N-016-SS-05_4/18/00_(5-5)Grab_NM

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
A11N-016	Benzo(a)anthracene	SO	0.000	U	0	400	ug/kg	0
A11N-016	Benzo(a)pyrene	SO	0.000	U	0	400	ug/kg	0
A11N-016	Benzo(b)fluoranthene	SO	0.000	U	0	400	ug/kg	0
A11N-016	Benzo(k)fluoranthene	SO	0.000	U	0	400	ug/kg	0
A11N-016	Chrysene	SO	0.000	U	0	400	ug/kg	0
A11N-016	Dibenzo(a,h)anthracene	SO	0.000	U	0	400	ug/kg	0
A11N-016	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	400	ug/kg	0

'Samp_ID' = AUS-A11N-016-SS-05_4/18/00_(5-5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-A11N-018-SS-0X_4/20/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
A11N-018	Benzo(a)anthracene	SO	0.000	U	0	400	ug/kg	0
A11N-018	Benzo(a)pyrene	SO	0.000	U	0	400	ug/kg	0
A11N-018	Benzo(b)fluoranthene	SO	0.000	U	0	400	ug/kg	0
A11N-018	Benzo(k)fluoranthene	SO	0.000	U	0	400	ug/kg	0
A11N-018	Chrysene	SO	0.000	U	0	400	ug/kg	0
A11N-018	Dibenzo(a,h)anthracene	SO	0.000	U	0	400	ug/kg	0
A11N-018	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	400	ug/kg	0

'Samp_ID' = AUS-A11N-018-SS-0X_4/20/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-A11N-021-SS-0X_4/20/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
A11N-021	Benzo(a)anthracene	SO	0.000	U	0	420	ug/kg	0
A11N-021	Benzo(a)pyrene	SO	0.000	U	0	420	ug/kg	0
A11N-021	Benzo(b)fluoranthene	SO	0.000	U	0	420	ug/kg	0
A11N-021	Benzo(k)fluoranthene	SO	0.000	U	0	420	ug/kg	0
A11N-021	Chrysene	SO	0.000	U	0	420	ug/kg	0
A11N-021	Dibenzo(a,h)anthracene	SO	0.000	U	0	420	ug/kg	0
A11N-021	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	420	ug/kg	0

'Samp_ID' = AUS-A11N-021-SS-0X_4/20/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-A11N-023-SS-0X_4/19/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
A11N-023	Benzo(a)anthracene	SO	0.000	U	0	430	ug/kg	0
A11N-023	Benzo(a)pyrene	SO	0.000	U	0	430	ug/kg	0
A11N-023	Benzo(b)fluoranthene	SO	0.000	U	0	430	ug/kg	0
A11N-023	Benzo(k)fluoranthene	SO	0.000	U	0	430	ug/kg	0
A11N-023	Chrysene	SO	0.000	U	0	430	ug/kg	0
A11N-023	Dibenzo(a,h)anthracene	SO	0.000	U	0	430	ug/kg	0
A11N-023	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	430	ug/kg	0

'Samp_ID' = AUS-A11N-023-SS-0X_4/19/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-A11N-024-SD-0X_4/20/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
A11N-024	Benzo(a)anthracene	SO	0.000	U	0	430	ug/kg	0
A11N-024	Benzo(a)pyrene	SO	0.000	U	0	430	ug/kg	0
A11N-024	Benzo(b)fluoranthene	SO	0.000	U	0	430	ug/kg	0
A11N-024	Benzo(k)fluoranthene	SO	0.000	U	0	430	ug/kg	0
A11N-024	Chrysene	SO	0.000	U	0	430	ug/kg	0
A11N-024	Dibenzo(a,h)anthracene	SO	0.000	U	0	430	ug/kg	0
A11N-024	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	430	ug/kg	0

'Samp_ID' = AUS-A11N-024-SD-0X_4/20/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-A11N-028-SS-0X_4/19/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
A11N-028	Benzo(a)anthracene	SO	0.000	U	0	430	ug/kg	0
A11N-028	Benzo(a)pyrene	SO	0.000	U	0	430	ug/kg	0
A11N-028	Benzo(b)fluoranthene	SO	0.000	U	0	430	ug/kg	0
A11N-028	Benzo(k)fluoranthene	SO	0.000	U	0	430	ug/kg	0
A11N-028	Chrysene	SO	0.000	U	0	430	ug/kg	0
A11N-028	Dibenzo(a,h)anthracene	SO	0.000	U	0	430	ug/kg	0
A11N-028	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	430	ug/kg	0

'Samp_ID' = AUS-A11N-028-SS-0X_4/19/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-A11N-029-SS-0X_4/19/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
A11N-029	Benzo(a)anthracene	SO	0.000	U	0	460	ug/kg	0
A11N-029	Benzo(a)pyrene	SO	0.000	U	0	460	ug/kg	0
A11N-029	Benzo(b)fluoranthene	SO	0.000	U	0	460	ug/kg	0
A11N-029	Benzo(k)fluoranthene	SO	0.000	U	0	460	ug/kg	0
A11N-029	Chrysene	SO	0.000	U	0	460	ug/kg	0
A11N-029	Dibenzo(a,h)anthracene	SO	0.000	U	0	460	ug/kg	0
A11N-029	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	460	ug/kg	0

'Samp_ID' = AUS-A11N-029-SS-0X_4/19/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-A11N-030-SS-05_4/11/00_(5-5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
A11N-030	Benzo(a)anthracene	SO	0.000	U	0	6.2	ug/kg	0
A11N-030	Benzo(a)pyrene	SO	0.000	U	0	6.2	ug/kg	0
A11N-030	Benzo(b)fluoranthene	SO	0.000	U	0	8.3	ug/kg	0
A11N-030	Benzo(k)fluoranthene	SO	0.000	U	0	6.2	ug/kg	0
A11N-030	Chrysene	SO	0.000	U	0	6.2	ug/kg	0
A11N-030	Dibenzo(a,h)anthracene	SO	0.000	U	0	10	ug/kg	0
A11N-030	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	6.2	ug/kg	0

'Samp_ID' = AUS-A11N-030-SS-05_4/11/00_(5-5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-A11N-030-SS-10_4/11/00_(10-10)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
A11N-030	Benzo(a)anthracene	SO	0.000	U	0	6	ug/kg	0
A11N-030	Benzo(a)pyrene	SO	0.000	U	0	6	ug/kg	0
A11N-030	Benzo(b)fluoranthene	SO	0.000	U	0	8	ug/kg	0
A11N-030	Benzo(k)fluoranthene	SO	0.000	U	0	6	ug/kg	0
A11N-030	Chrysene	SO	0.000	U	0	6	ug/kg	0
A11N-030	Dibenzo(a,h)anthracene	SO	0.000	U	0	9.9	ug/kg	0
A11N-030	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	6	ug/kg	0

'Samp_ID' = AUS-A11N-030-SS-10_4/11/00_(10-10)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID AUS-A11N-031-SS-03_4/12/00_(3-3)Grab_NM

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
A11N-031	Benzo(a)anthracene	SO	0.000	U	0	5.9	ug/kg	0
A11N-031	Benzo(a)pyrene	SO	0.000	U	0	5.9	ug/kg	0
A11N-031	Benzo(b)fluoranthene	SO	0.000	U	0	7.9	ug/kg	0
A11N-031	Benzo(k)fluoranthene	SO	0.000	U	0	5.9	ug/kg	0
A11N-031	Chrysene	SO	0.000	U	0	5.9	ug/kg	0
A11N-031	Dibenzo(a,h)anthracene	SO	0.000	U	0	9.8	ug/kg	0
A11N-031	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	5.9	ug/kg	0

'Samp_ID' = AUS-A11N-031-SS-03_4/12/00_(3-3)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID AUS-A11N-031-SS-08_4/12/00_(8-8)Grab_NM

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
A11N-031	Benzo(a)anthracene	SO	0.000	U	0	6	ug/kg	0
A11N-031	Benzo(a)pyrene	SO	0.000	U	0	6	ug/kg	0
A11N-031	Benzo(b)fluoranthene	SO	0.000	U	0	8.1	ug/kg	0
A11N-031	Benzo(k)fluoranthene	SO	0.000	U	0	6	ug/kg	0
A11N-031	Chrysene	SO	0.000	U	0	6	ug/kg	0
A11N-031	Dibenzo(a,h)anthracene	SO	0.000	U	0	10	ug/kg	0
A11N-031	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	6	ug/kg	0

'Samp_ID' = AUS-A11N-031-SS-08_4/12/00_(8-8)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-A11N-501-SS-05_4/11/00_(5-5)Grab_DUP*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
A11N-030	Benzo(a)anthracene	SO	0.000	U	0	6	ug/kg	0
A11N-030	Benzo(a)pyrene	SO	0.000	U	0	6	ug/kg	0
A11N-030	Benzo(b)fluoranthene	SO	0.000	U	0	8.1	ug/kg	0
A11N-030	Benzo(k)fluoranthene	SO	0.000	U	0	6	ug/kg	0
A11N-030	Chrysene	SO	0.000	U	0	6	ug/kg	0
A11N-030	Dibenzo(a,h)anthracene	SO	0.000	U	0	10	ug/kg	0
A11N-030	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	6	ug/kg	0

'Samp_ID' = AUS-A11N-501-SS-05_4/11/00_(5-5)Grab_DUP (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-A11N-506-SS-05_4/18/00_(5-5)Grab_DUP*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
A11N-016	Benzo(a)anthracene	SO	0.000	U	0	410	ug/kg	0
A11N-016	Benzo(a)pyrene	SO	0.000	U	0	410	ug/kg	0
A11N-016	Benzo(b)fluoranthene	SO	0.000	U	0	410	ug/kg	0
A11N-016	Benzo(k)fluoranthene	SO	0.000	U	0	410	ug/kg	0
A11N-016	Chrysene	SO	0.000	U	0	410	ug/kg	0
A11N-016	Dibenzo(a,h)anthracene	SO	0.000	U	0	410	ug/kg	0
A11N-016	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	410	ug/kg	0

'Samp_ID' = AUS-A11N-506-SS-05_4/18/00_(5-5)Grab_DUP (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID AUS-A11P-001-SD-0X_5/1/00_(0-0.5)Grab_NM

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
A11P-001	Benzo(a)anthracene	SO	150.000	J	150	510	ug/kg	15
A11P-001	Benzo(a)pyrene	SO	230.000	J	230	510	ug/kg	230
A11P-001	Benzo(b)fluoranthene	SO	340.000	J	340	510	ug/kg	34
A11P-001	Benzo(k)fluoranthene	SO	100.000	J	100	510	ug/kg	1
A11P-001	Chrysene	SO	260.000	J	260	510	ug/kg	0.26
A11P-001	Dibenzo(a,h)anthracene	SO	0.000	U	255	510	ug/kg	255
A11P-001	Indeno(1,2,3-cd)pyrene	SO	230.000	J	230	510	ug/kg	23

'Samp_ID' = AUS-A11P-001-SD-0X_5/1/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : 558.26

Samp_ID AUS-A11P-008-SS-0X_5/1/00_(0-0.5)Grab_NM

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
A11P-008	Benzo(a)anthracene	SO	0.000	U	0	420	ug/kg	0
A11P-008	Benzo(a)pyrene	SO	0.000	U	0	420	ug/kg	0
A11P-008	Benzo(b)fluoranthene	SO	0.000	U	0	420	ug/kg	0
A11P-008	Benzo(k)fluoranthene	SO	0.000	U	0	420	ug/kg	0
A11P-008	Chrysene	SO	0.000	U	0	420	ug/kg	0
A11P-008	Dibenzo(a,h)anthracene	SO	0.000	U	0	420	ug/kg	0
A11P-008	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	420	ug/kg	0

'Samp_ID' = AUS-A11P-008-SS-0X_5/1/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-A11P-009-SS-0X_5/1/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
A11P-009	Benzo(a)anthracene	SO	0.000	U	0	410	ug/kg	0
A11P-009	Benzo(a)pyrene	SO	0.000	U	0	410	ug/kg	0
A11P-009	Benzo(b)fluoranthene	SO	0.000	U	0	410	ug/kg	0
A11P-009	Benzo(k)fluoranthene	SO	0.000	U	0	410	ug/kg	0
A11P-009	Chrysene	SO	0.000	U	0	410	ug/kg	0
A11P-009	Dibenzo(a,h)anthracene	SO	0.000	U	0	410	ug/kg	0
A11P-009	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	410	ug/kg	0

'Samp_ID' = AUS-A11P-009-SS-0X_5/1/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-A11P-010-SD-0X_5/1/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
A11P-010	Benzo(a)anthracene	SE	0.000	U	0	510	ug/kg	0
A11P-010	Benzo(a)pyrene	SE	0.000	U	0	510	ug/kg	0
A11P-010	Benzo(b)fluoranthene	SE	0.000	U	0	510	ug/kg	0
A11P-010	Benzo(k)fluoranthene	SE	0.000	U	0	510	ug/kg	0
A11P-010	Chrysene	SE	0.000	U	0	510	ug/kg	0
A11P-010	Dibenzo(a,h)anthracene	SE	0.000	U	0	510	ug/kg	0
A11P-010	Indeno(1,2,3-cd)pyrene	SE	0.000	U	0	510	ug/kg	0

'Samp_ID' = AUS-A11P-010-SD-0X_5/1/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-A11P-018-SS-0X_5/1/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
A11P-018	Benzo(a)anthracene	SO	0.000	U	195	390	ug/kg	19.5
A11P-018	Benzo(a)pyrene	SO	0.000	U	195	390	ug/kg	195
A11P-018	Benzo(b)fluoranthene	SO	0.000	U	195	390	ug/kg	19.5
A11P-018	Benzo(k)fluoranthene	SO	0.000	U	195	390	ug/kg	1.95
A11P-018	Chrysene	SO	43.000	J	43	390	ug/kg	0.043
A11P-018	Dibenzo(a,h)anthracene	SO	0.000	U	195	390	ug/kg	195
A11P-018	Indeno(1,2,3-cd)pyrene	SO	0.000	U	195	390	ug/kg	19.5

'Samp_ID' = AUS-A11P-018-SS-0X_5/1/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : 450.493

Samp_ID *AUS-A11P-019-SD-0X_5/1/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
A11P-019	Benzo(a)anthracene	SE	0.000	U	0	570	ug/kg	0
A11P-019	Benzo(a)pyrene	SE	0.000	U	0	570	ug/kg	0
A11P-019	Benzo(b)fluoranthene	SE	0.000	U	0	570	ug/kg	0
A11P-019	Benzo(k)fluoranthene	SE	0.000	U	0	570	ug/kg	0
A11P-019	Chrysene	SE	0.000	U	0	570	ug/kg	0
A11P-019	Dibenzo(a,h)anthracene	SE	0.000	U	0	570	ug/kg	0
A11P-019	Indeno(1,2,3-cd)pyrene	SE	0.000	U	0	570	ug/kg	0

'Samp_ID' = AUS-A11P-019-SD-0X_5/1/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-A11P-020-SD-0X_5/1/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
A11P-020	Benzo(a)anthracene	SE	0.000	U	260	520	ug/kg	26
A11P-020	Benzo(a)pyrene	SE	0.000	U	260	520	ug/kg	260
A11P-020	Benzo(b)fluoranthene	SE	0.000	U	260	520	ug/kg	26
A11P-020	Benzo(k)fluoranthene	SE	0.000	U	260	520	ug/kg	2.6
A11P-020	Chrysene	SE	64.000	J	64	520	ug/kg	0.064
A11P-020	Dibenzo(a,h)anthracene	SE	0.000	U	260	520	ug/kg	260
A11P-020	Indeno(1,2,3-cd)pyrene	SE	0.000	U	260	520	ug/kg	26

'Samp_ID' = AUS-A11P-020-SD-0X_5/1/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : **600.664**

Samp_ID *AUS-A11P-026-SD-0X_5/2/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
A11P-026	Benzo(a)anthracene	SE	0.000	U	0	440	ug/kg	0
A11P-026	Benzo(a)pyrene	SE	0.000	U	0	440	ug/kg	0
A11P-026	Benzo(b)fluoranthene	SE	0.000	U	0	440	ug/kg	0
A11P-026	Benzo(k)fluoranthene	SE	0.000	U	0	440	ug/kg	0
A11P-026	Chrysene	SE	0.000	U	0	440	ug/kg	0
A11P-026	Dibenzo(a,h)anthracene	SE	0.000	U	0	440	ug/kg	0
A11P-026	Indeno(1,2,3-cd)pyrene	SE	0.000	U	0	440	ug/kg	0

'Samp_ID' = AUS-A11P-026-SD-0X_5/2/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-A11P-027-SL-0X_5/1/00_(0-0.5)Grab_NM*

LOC_ID	*Analyte*	*Matrix*	*Result*	*Lab Flag*	*ResUse*	*RDL*	*Units*	*Toxic Equivalent*
A11P-027	Benzo(a)anthracene	SL	120.000	J	120	560	ug/kg	12
A11P-027	Benzo(a)pyrene	SL	150.000	J	150	560	ug/kg	150
A11P-027	Benzo(b)fluoranthene	SL	160.000	J	160	560	ug/kg	16
A11P-027	Benzo(k)fluoranthene	SL	170.000	J	170	560	ug/kg	1.7
A11P-027	Chrysene	SL	140.000	J	140	560	ug/kg	0.14
A11P-027	Dibenzo(a,h)anthracene	SL	0.000	U	280	560	ug/kg	280
A11P-027	Indeno(1,2,3-cd)pyrene	SL	110.000	J	110	560	ug/kg	11

'Samp_ID' = AUS-A11P-027-SL-0X_5/1/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : 470.84

Samp_ID *AUS-A11P-028-SS-0X_5/1/00_(0-0.5)Grab_NM*

LOC_ID	*Analyte*	*Matrix*	*Result*	*Lab Flag*	*ResUse*	*RDL*	*Units*	*Toxic Equivalent*
A11P-028	Benzo(a)anthracene	SO	0.000	U	0	420	ug/kg	0
A11P-028	Benzo(a)pyrene	SO	0.000	U	0	420	ug/kg	0
A11P-028	Benzo(b)fluoranthene	SO	0.000	U	0	420	ug/kg	0
A11P-028	Benzo(k)fluoranthene	SO	0.000	U	0	420	ug/kg	0
A11P-028	Chrysene	SO	0.000	U	0	420	ug/kg	0
A11P-028	Dibenzo(a,h)anthracene	SO	0.000	U	0	420	ug/kg	0
A11P-028	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	420	ug/kg	0

'Samp_ID' = AUS-A11P-028-SS-0X_5/1/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-A11P-029-SD-0X_5/2/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
A11P-029	Benzo(a)anthracene	SE	63.000	J	63	460	ug/kg	6.3
A11P-029	Benzo(a)pyrene	SE	0.000	U	230	460	ug/kg	230
A11P-029	Benzo(b)fluoranthene	SE	94.000	J	94	460	ug/kg	9.4
A11P-029	Benzo(k)fluoranthene	SE	0.000	U	230	460	ug/kg	2.3
A11P-029	Chrysene	SE	100.000	J	100	460	ug/kg	0.1
A11P-029	Dibenzo(a,h)anthracene	SE	0.000	U	230	460	ug/kg	230
A11P-029	Indeno(1,2,3-cd)pyrene	SE	0.000	U	230	460	ug/kg	23

'Samp_ID' = AUS-A11P-029-SD-0X_5/2/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : **501.1**

Samp_ID *AUS-A11P-030-SD-0X_5/1/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
A11P-030	Benzo(a)anthracene	SE	0.000	U	0	510	ug/kg	0
A11P-030	Benzo(a)pyrene	SE	0.000	U	0	510	ug/kg	0
A11P-030	Benzo(b)fluoranthene	SE	0.000	U	0	510	ug/kg	0
A11P-030	Benzo(k)fluoranthene	SE	0.000	U	0	510	ug/kg	0
A11P-030	Chrysene	SE	0.000	U	0	510	ug/kg	0
A11P-030	Dibenzo(a,h)anthracene	SE	0.000	U	0	510	ug/kg	0
A11P-030	Indeno(1,2,3-cd)pyrene	SE	0.000	U	0	510	ug/kg	0

'Samp_ID' = AUS-A11P-030-SD-0X_5/1/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-A11P-033-SS-0X_5/1/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
A11P-033	Benzo(a)anthracene	SO	690.000		690	480	ug/kg	69
A11P-033	Benzo(a)pyrene	SO	760.000		760	480	ug/kg	760
A11P-033	Benzo(b)fluoranthene	SO	1600.000		1600	480	ug/kg	160
A11P-033	Benzo(k)fluoranthene	SO	1500.000		1500	480	ug/kg	15
A11P-033	Chrysene	SO	1200.000		1200	480	ug/kg	1.2
A11P-033	Dibenzo(a,h)anthracene	SO	230.000	J	230	480	ug/kg	230
A11P-033	Indeno(1,2,3-cd)pyrene	SO	480.000		480	480	ug/kg	48

'Samp_ID' = AUS-A11P-033-SS-0X_5/1/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : **1283.2**

Samp_ID *AUS-A11P-035-SS-04_5/1/00_(4-4)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
A11P-035	Benzo(a)anthracene	SO	0.000	U	0	400	ug/kg	0
A11P-035	Benzo(a)pyrene	SO	0.000	U	0	400	ug/kg	0
A11P-035	Benzo(b)fluoranthene	SO	0.000	U	0	400	ug/kg	0
A11P-035	Benzo(k)fluoranthene	SO	0.000	U	0	400	ug/kg	0
A11P-035	Chrysene	SO	0.000	U	0	400	ug/kg	0
A11P-035	Dibenzo(a,h)anthracene	SO	0.000	U	0	400	ug/kg	0
A11P-035	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	400	ug/kg	0

'Samp_ID' = AUS-A11P-035-SS-04_5/1/00_(4-4)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-A11P-036-SD-0X_5/3/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
A11P-036	Benzo(a)anthracene	SE	0.000	U	0	440	ug/kg	0
A11P-036	Benzo(a)pyrene	SE	0.000	U	0	440	ug/kg	0
A11P-036	Benzo(b)fluoranthene	SE	0.000	U	0	440	ug/kg	0
A11P-036	Benzo(k)fluoranthene	SE	0.000	U	0	440	ug/kg	0
A11P-036	Chrysene	SE	0.000	U	0	440	ug/kg	0
A11P-036	Dibenzo(a,h)anthracene	SE	0.000	U	0	440	ug/kg	0
A11P-036	Indeno(1,2,3-cd)pyrene	SE	0.000	U	0	440	ug/kg	0

'Samp_ID' = AUS-A11P-036-SD-0X_5/3/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-A11P-037-SS-0X_5/1/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
A11P-037	Benzo(a)anthracene	SO	0.000	U	195	390	ug/kg	19.5
A11P-037	Benzo(a)pyrene	SO	0.000	U	195	390	ug/kg	195
A11P-037	Benzo(b)fluoranthene	SO	44.000	J	44	390	ug/kg	4.4
A11P-037	Benzo(k)fluoranthene	SO	0.000	U	195	390	ug/kg	1.95
A11P-037	Chrysene	SO	0.000	U	195	390	ug/kg	0.195
A11P-037	Dibenzo(a,h)anthracene	SO	0.000	U	195	390	ug/kg	195
A11P-037	Indeno(1,2,3-cd)pyrene	SO	0.000	U	195	390	ug/kg	19.5

'Samp_ID' = AUS-A11P-037-SS-0X_5/1/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : 435.545

Samp_ID *AUS-A11P-038-SD-0X_5/3/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
A11P-038	Benzo(a)anthracene	SE	0.000	U	0	490	ug/kg	0
A11P-038	Benzo(a)pyrene	SE	0.000	U	0	490	ug/kg	0
A11P-038	Benzo(b)fluoranthene	SE	0.000	U	0	490	ug/kg	0
A11P-038	Benzo(k)fluoranthene	SE	0.000	U	0	490	ug/kg	0
A11P-038	Chrysene	SE	0.000	U	0	490	ug/kg	0
A11P-038	Dibenzo(a,h)anthracene	SE	0.000	U	0	490	ug/kg	0
A11P-038	Indeno(1,2,3-cd)pyrene	SE	0.000	U	0	490	ug/kg	0

'Samp_ID' = AUS-A11P-038-SD-0X_5/3/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-A11P-039-SD-0X_5/3/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
A11P-039	Benzo(a)anthracene	SE	0.000	U	0	560	ug/kg	0
A11P-039	Benzo(a)pyrene	SE	0.000	U	0	560	ug/kg	0
A11P-039	Benzo(b)fluoranthene	SE	0.000	U	0	560	ug/kg	0
A11P-039	Benzo(k)fluoranthene	SE	0.000	U	0	560	ug/kg	0
A11P-039	Chrysene	SE	0.000	U	0	560	ug/kg	0
A11P-039	Dibenzo(a,h)anthracene	SE	0.000	U	0	560	ug/kg	0
A11P-039	Indeno(1,2,3-cd)pyrene	SE	0.000	U	0	560	ug/kg	0

'Samp_ID' = AUS-A11P-039-SD-0X_5/3/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-A11P-W01-SS-05_3/22/00_(5-5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
A11P-W01	Benzo(a)anthracene	SO	0.000	U	0	400	ug/kg	0
A11P-W01	Benzo(a)pyrene	SO	0.000	U	0	400	ug/kg	0
A11P-W01	Benzo(b)fluoranthene	SO	0.000	U	0	400	ug/kg	0
A11P-W01	Benzo(k)fluoranthene	SO	0.000	U	0	400	ug/kg	0
A11P-W01	Chrysene	SO	0.000	U	0	400	ug/kg	0
A11P-W01	Dibenzo(a,h)anthracene	SO	0.000	U	0	400	ug/kg	0
A11P-W01	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	400	ug/kg	0

'Samp_ID' = AUS-A11P-W01-SS-05_3/22/00_(5-5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-A11P-W01-SS-0X_3/22/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
A11P-W01	Benzo(a)anthracene	SO	0.000	U	0	410	ug/kg	0
A11P-W01	Benzo(a)pyrene	SO	0.000	U	0	410	ug/kg	0
A11P-W01	Benzo(b)fluoranthene	SO	0.000	U	0	410	ug/kg	0
A11P-W01	Benzo(k)fluoranthene	SO	0.000	U	0	410	ug/kg	0
A11P-W01	Chrysene	SO	0.000	U	0	410	ug/kg	0
A11P-W01	Dibenzo(a,h)anthracene	SO	0.000	U	0	410	ug/kg	0
A11P-W01	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	410	ug/kg	0

'Samp_ID' = AUS-A11P-W01-SS-0X_3/22/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-A11P-W01-SS-13_3/22/00_(13-13)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
A11P-W01	Benzo(a)anthracene	SO	0.000	U	0	400	ug/kg	0
A11P-W01	Benzo(a)pyrene	SO	0.000	U	0	400	ug/kg	0
A11P-W01	Benzo(b)fluoranthene	SO	0.000	U	0	400	ug/kg	0
A11P-W01	Benzo(k)fluoranthene	SO	0.000	U	0	400	ug/kg	0
A11P-W01	Chrysene	SO	0.000	U	0	400	ug/kg	0
A11P-W01	Dibenzo(a,h)anthracene	SO	0.000	U	0	400	ug/kg	0
A11P-W01	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	400	ug/kg	0

'Samp_ID' = AUS-A11P-W01-SS-13_3/22/00_(13-13)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-A11P-W51-SS-05_3/22/00_(5-5)Grab_DUP*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
A11P-W01	Benzo(a)anthracene	SO	0.000	U	0	400	ug/kg	0
A11P-W01	Benzo(a)pyrene	SO	0.000	U	0	400	ug/kg	0
A11P-W01	Benzo(b)fluoranthene	SO	0.000	U	0	400	ug/kg	0
A11P-W01	Benzo(k)fluoranthene	SO	0.000	U	0	400	ug/kg	0
A11P-W01	Chrysene	SO	0.000	U	0	400	ug/kg	0
A11P-W01	Dibenzo(a,h)anthracene	SO	0.000	U	0	400	ug/kg	0
A11P-W01	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	400	ug/kg	0

'Samp_ID' = AUS-A11P-W51-SS-05_3/22/00_(5-5)Grab_DUP (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-A11S-001-SD-0X_4/26/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
A11S-001	Benzo(a)anthracene	SE	0.000	U	0	430	ug/kg	0
A11S-001	Benzo(a)pyrene	SE	0.000	U	0	430	ug/kg	0
A11S-001	Benzo(b)fluoranthene	SE	0.000	U	0	430	ug/kg	0
A11S-001	Benzo(k)fluoranthene	SE	0.000	U	0	430	ug/kg	0
A11S-001	Chrysene	SE	0.000	U	0	430	ug/kg	0
A11S-001	Dibenzo(a,h)anthracene	SE	0.000	U	0	430	ug/kg	0
A11S-001	Indeno(1,2,3-cd)pyrene	SE	0.000	U	0	430	ug/kg	0

'Samp_ID' = AUS-A11S-001-SD-0X_4/26/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-A11S-008-SD-0X_5/1/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
A11S-008	Benzo(a)anthracene	SE	0.000	U	310	620	ug/kg	31
A11S-008	Benzo(a)pyrene	SE	0.000	U	310	620	ug/kg	310
A11S-008	Benzo(b)fluoranthene	SE	0.000	U	310	620	ug/kg	31
A11S-008	Benzo(k)fluoranthene	SE	0.000	U	310	620	ug/kg	3.1
A11S-008	Chrysene	SE	62.000	J	62	620	ug/kg	0.062
A11S-008	Dibenzo(a,h)anthracene	SE	0.000	U	310	620	ug/kg	310
A11S-008	Indeno(1,2,3-cd)pyrene	SE	0.000	U	310	620	ug/kg	31

'Samp_ID' = AUS-A11S-008-SD-0X_5/1/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : **716.162**

Samp_ID AUS-A11S-010-SD-0X_5/1/00_(0-0.5)Grab_NM

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
A11S-010	Benzo(a)anthracene	SE	110.000	J	110	570	ug/kg	11
A11S-010	Benzo(a)pyrene	SE	130.000	J	130	570	ug/kg	130
A11S-010	Benzo(b)fluoranthene	SE	190.000	J	190	570	ug/kg	19
A11S-010	Benzo(k)fluoranthene	SE	200.000	J	200	570	ug/kg	2
A11S-010	Chrysene	SE	160.000	J	160	570	ug/kg	0.16
A11S-010	Dibenzo(a,h)anthracene	SE	0.000	U	285	570	ug/kg	285
A11S-010	Indeno(1,2,3-cd)pyrene	SE	68.000	J	68	570	ug/kg	6.8

'Samp_ID' = AUS-A11S-010-SD-0X_5/1/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : 453.96

Samp_ID AUS-A11S-011-SD-0X_5/1/00_(0-0.5)Grab_NM

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
A11S-011	Benzo(a)anthracene	SE	0.000	U	0	490	ug/kg	0
A11S-011	Benzo(a)pyrene	SE	0.000	U	0	490	ug/kg	0
A11S-011	Benzo(b)fluoranthene	SE	0.000	U	0	490	ug/kg	0
A11S-011	Benzo(k)fluoranthene	SE	0.000	U	0	490	ug/kg	0
A11S-011	Chrysene	SE	0.000	U	0	490	ug/kg	0
A11S-011	Dibenzo(a,h)anthracene	SE	0.000	U	0	490	ug/kg	0
A11S-011	Indeno(1,2,3-cd)pyrene	SE	0.000	U	0	490	ug/kg	0

'Samp_ID' = AUS-A11S-011-SD-0X_5/1/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID AUS-A11S-012-SD-0X_5/1/00_(0-0.5)Grab_NM

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
A11S-012	Benzo(a)anthracene	SE	130.000	J	130	480	ug/kg	13
A11S-012	Benzo(a)pyrene	SE	170.000	J	170	480	ug/kg	170
A11S-012	Benzo(b)fluoranthene	SE	210.000	J	210	480	ug/kg	21
A11S-012	Benzo(k)fluoranthene	SE	240.000	J	240	480	ug/kg	2.4
A11S-012	Chrysene	SE	160.000	J	160	480	ug/kg	0.16
A11S-012	Dibenzo(a,h)anthracene	SE	0.000	U	240	480	ug/kg	240
A11S-012	Indeno(1,2,3-cd)pyrene	SE	85.000	J	85	480	ug/kg	8.5

'Samp_ID' = AUS-A11S-012-SD-0X_5/1/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : 455.06

Samp_ID AUS-A11S-017-SS-0X_4/28/00_(0-0.5)Grab_NM

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
A11S-017	Benzo(a)anthracene	SO	0.000	U	0	410	ug/kg	0
A11S-017	Benzo(a)pyrene	SO	0.000	U	0	410	ug/kg	0
A11S-017	Benzo(b)fluoranthene	SO	0.000	U	0	410	ug/kg	0
A11S-017	Benzo(k)fluoranthene	SO	0.000	U	0	410	ug/kg	0
A11S-017	Chrysene	SO	0.000	U	0	410	ug/kg	0
A11S-017	Dibenzo(a,h)anthracene	SO	0.000	U	0	410	ug/kg	0
A11S-017	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	410	ug/kg	0

'Samp_ID' = AUS-A11S-017-SS-0X_4/28/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID AUS-A11S-018-SS-0X_4/28/00_(0-0.5)Grab_NM

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
A11S-018	Benzo(a)anthracene	SO	0.000	U	0	440	ug/kg	0
A11S-018	Benzo(a)pyrene	SO	0.000	U	0	440	ug/kg	0
A11S-018	Benzo(b)fluoranthene	SO	0.000	U	0	440	ug/kg	0
A11S-018	Benzo(k)fluoranthene	SO	0.000	U	0	440	ug/kg	0
A11S-018	Chrysene	SO	0.000	U	0	440	ug/kg	0
A11S-018	Dibenzo(a,h)anthracene	SO	0.000	U	0	440	ug/kg	0
A11S-018	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	440	ug/kg	0

'Samp_ID' = AUS-A11S-018-SS-0X_4/28/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID AUS-A11S-019-SD-0X_4/28/00_(0-0.5)Grab_NM

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
A11S-019	Benzo(a)anthracene	SE	0.000	U	0	450	ug/kg	0
A11S-019	Benzo(a)pyrene	SE	0.000	U	0	450	ug/kg	0
A11S-019	Benzo(b)fluoranthene	SE	0.000	U	0	450	ug/kg	0
A11S-019	Benzo(k)fluoranthene	SE	0.000	U	0	450	ug/kg	0
A11S-019	Chrysene	SE	0.000	U	0	450	ug/kg	0
A11S-019	Dibenzo(a,h)anthracene	SE	0.000	U	0	450	ug/kg	0
A11S-019	Indeno(1,2,3-cd)pyrene	SE	0.000	U	0	450	ug/kg	0

'Samp_ID' = AUS-A11S-019-SD-0X_4/28/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-A11S-020-SS-0X_4/27/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
A11S-020	Benzo(a)anthracene	SO	0.000	U	0	410	ug/kg	0
A11S-020	Benzo(a)pyrene	SO	0.000	U	0	410	ug/kg	0
A11S-020	Benzo(b)fluoranthene	SO	0.000	U	0	410	ug/kg	0
A11S-020	Benzo(k)fluoranthene	SO	0.000	U	0	410	ug/kg	0
A11S-020	Chrysene	SO	0.000	U	0	410	ug/kg	0
A11S-020	Dibenzo(a,h)anthracene	SO	0.000	U	0	410	ug/kg	0
A11S-020	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	410	ug/kg	0

'Samp_ID' = AUS-A11S-020-SS-0X_4/27/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-A11S-021-SS-0X_4/28/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
A11S-021	Benzo(a)anthracene	SO	820.000		820	410	ug/kg	82
A11S-021	Benzo(a)pyrene	SO	1200.000		1200	410	ug/kg	1200
A11S-021	Benzo(b)fluoranthene	SO	2100.000		2100	410	ug/kg	210
A11S-021	Benzo(k)fluoranthene	SO	730.000		730	410	ug/kg	7.3
A11S-021	Chrysene	SO	940.000		940	410	ug/kg	0.94
A11S-021	Dibenzo(a,h)anthracene	SO	280.000	J	280	410	ug/kg	280
A11S-021	Indeno(1,2,3-cd)pyrene	SO	890.000		890	410	ug/kg	89

'Samp_ID' = AUS-A11S-021-SS-0X_4/28/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : **1869.24**

Samp_ID AUS-A11S-022-SD-0X_4/27/00_(0-0.5)Grab_NM

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
A11S-022	Benzo(a)anthracene	SE	0.000	U	335	670	ug/kg	33.5
A11S-022	Benzo(a)pyrene	SE	0.000	U	335	670	ug/kg	335
A11S-022	Benzo(b)fluoranthene	SE	0.000	U	335	670	ug/kg	33.5
A11S-022	Benzo(k)fluoranthene	SE	0.000	U	335	670	ug/kg	3.35
A11S-022	Chrysene	SE	0.000	U	335	670	ug/kg	0.335
A11S-022	Dibenzo(a,h)anthracene	SE	0.000	U	335	670	ug/kg	335
A11S-022	Indeno(1,2,3-cd)pyrene	SE	0.000	U	335	670	ug/kg	33.5

'Samp_ID' = AUS-A11S-022-SD-0X_4/27/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : 774.185

Samp_ID AUS-A11S-025-SD-0X_4/28/00_(0-0.5)Grab_NM

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
A11S-025	Benzo(a)anthracene	SE	560.000		560	470	ug/kg	56
A11S-025	Benzo(a)pyrene	SE	430.000	J	430	940	ug/kg	430
A11S-025	Benzo(b)fluoranthene	SE	450.000	J	450	470	ug/kg	45
A11S-025	Benzo(k)fluoranthene	SE	140.000	J	140	470	ug/kg	1.4
A11S-025	Chrysene	SE	570.000		570	470	ug/kg	0.57
A11S-025	Dibenzo(a,h)anthracene	SE	0.000	U	235	470	ug/kg	235
A11S-025	Indeno(1,2,3-cd)pyrene	SE	0.000	U	235	470	ug/kg	23.5

'Samp_ID' = AUS-A11S-025-SD-0X_4/28/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : 791.47

Samp_ID AUS-A11S-026-SD-0X_4/28/00_(0-0.5)Grab_NM

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
A11S-026	Benzo(a)anthracene	SE	140.000	J	140	450	ug/kg	14
A11S-026	Benzo(a)pyrene	SE	98.000	J	98	450	ug/kg	98
A11S-026	Benzo(b)fluoranthene	SE	130.000	J	130	450	ug/kg	13
A11S-026	Benzo(k)fluoranthene	SE	0.000	U	225	450	ug/kg	2.25
A11S-026	Chrysene	SE	170.000	J	170	450	ug/kg	0.17
A11S-026	Dibenzo(a,h)anthracene	SE	0.000	U	225	450	ug/kg	225
A11S-026	Indeno(1,2,3-cd)pyrene	SE	0.000	U	225	450	ug/kg	22.5

'Samp_ID' = AUS-A11S-026-SD-0X_4/28/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : **374.92**

Samp_ID AUS-A11S-027-SS-0X_4/28/00_(0-0.5)Grab_NM

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
A11S-027	Benzo(a)anthracene	SO	120.000	J	120	510	ug/kg	12
A11S-027	Benzo(a)pyrene	SO	97.000	J	97	510	ug/kg	97
A11S-027	Benzo(b)fluoranthene	SO	100.000	J	100	510	ug/kg	10
A11S-027	Benzo(k)fluoranthene	SO	0.000	U	255	510	ug/kg	2.55
A11S-027	Chrysene	SO	130.000	J	130	510	ug/kg	0.13
A11S-027	Dibenzo(a,h)anthracene	SO	0.000	U	255	510	ug/kg	255
A11S-027	Indeno(1,2,3-cd)pyrene	SO	0.000	U	255	510	ug/kg	25.5

'Samp_ID' = AUS-A11S-027-SS-0X_4/28/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : **402.18**

Samp_ID *AUS-A11S-029-SD-0X_5/2/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
A11S-029	Benzo(a)anthracene	SE	630.000		630	420	ug/kg	63
A11S-029	Benzo(a)pyrene	SE	1000.000		1000	420	ug/kg	1000
A11S-029	Benzo(b)fluoranthene	SE	2600.000		2600	420	ug/kg	260
A11S-029	Benzo(k)fluoranthene	SE	750.000		750	420	ug/kg	7.5
A11S-029	Chrysene	SE	1200.000		1200	420	ug/kg	1.2
A11S-029	Dibenzo(a,h)anthracene	SE	340.000	J	340	420	ug/kg	340
A11S-029	Indeno(1,2,3-cd)pyrene	SE	1500.000		1500	420	ug/kg	150

'Samp_ID' = AUS-A11S-029-SD-0X_5/2/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : **1821.7**

Samp_ID *AUS-A11S-030-SL-0X_4/28/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
A11S-030	Benzo(a)anthracene	SL	3700.000		3700	560	ug/kg	370
A11S-030	Benzo(a)pyrene	SL	4200.000		4200	560	ug/kg	4200
A11S-030	Benzo(b)fluoranthene	SL	6700.000		6700	560	ug/kg	670
A11S-030	Benzo(k)fluoranthene	SL	2200.000		2200	560	ug/kg	22
A11S-030	Chrysene	SL	4000.000		4000	560	ug/kg	4
A11S-030	Dibenzo(a,h)anthracene	SL	790.000		790	560	ug/kg	790
A11S-030	Indeno(1,2,3-cd)pyrene	SL	2800.000		2800	560	ug/kg	280

'Samp_ID' = AUS-A11S-030-SL-0X_4/28/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : **6336**

Samp_ID *AUS-A11S-031-SD-0X_4/28/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
A11S-031	Benzo(a)anthracene	SO	68.000	J	68	490	ug/kg	6.8
A11S-031	Benzo(a)pyrene	SO	75.000	J	75	490	ug/kg	75
A11S-031	Benzo(b)fluoranthene	SO	130.000	J	130	490	ug/kg	13
A11S-031	Benzo(k)fluoranthene	SO	0.000	U	245	490	ug/kg	2.45
A11S-031	Chrysene	SO	94.000	J	94	490	ug/kg	0.094
A11S-031	Dibenzo(a,h)anthracene	SO	0.000	U	245	490	ug/kg	245
A11S-031	Indeno(1,2,3-cd)pyrene	SO	0.000	U	245	490	ug/kg	24.5

'Samp_ID' = AUS-A11S-031-SD-0X_4/28/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : 366.844

Samp_ID *AUS-A11S-032-SS-02_5/1/00_(2-2)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
A11S-032	Benzo(a)anthracene	SO	91.000	J	91	420	ug/kg	9.1
A11S-032	Benzo(a)pyrene	SO	91.000	J	91	420	ug/kg	91
A11S-032	Benzo(b)fluoranthene	SO	150.000	J	150	420	ug/kg	15
A11S-032	Benzo(k)fluoranthene	SO	46.000	J	46	420	ug/kg	0.46
A11S-032	Chrysene	SO	100.000	J	100	420	ug/kg	0.1
A11S-032	Dibenzo(a,h)anthracene	SO	0.000	U	210	420	ug/kg	210
A11S-032	Indeno(1,2,3-cd)pyrene	SO	54.000	J	54	420	ug/kg	5.4

'Samp_ID' = AUS-A11S-032-SS-02_5/1/00_(2-2)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : 331.06

Samp_ID *AUS-A11S-033-SS-02_4/28/00_(2-2)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
A11S-033	Benzo(a)anthracene	SO	0.000	U	0	420	ug/kg	0
A11S-033	Benzo(a)pyrene	SO	0.000	U	0	420	ug/kg	0
A11S-033	Benzo(b)fluoranthene	SO	0.000	U	0	420	ug/kg	0
A11S-033	Benzo(k)fluoranthene	SO	0.000	U	0	420	ug/kg	0
A11S-033	Chrysene	SO	0.000	U	0	420	ug/kg	0
A11S-033	Dibenzo(a,h)anthracene	SO	0.000	U	0	420	ug/kg	0
A11S-033	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	420	ug/kg	0

'Samp_ID' = AUS-A11S-033-SS-02_4/28/00_(2-2)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-A11S-034-SD-0X_4/27/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
A11S-034	Benzo(a)anthracene	SO	110.000		110	25	ug/kg	11
A11S-034	Benzo(a)pyrene	SO	57.000		57	25	ug/kg	57
A11S-034	Benzo(b)fluoranthene	SO	78.000		78	34	ug/kg	7.8
A11S-034	Benzo(k)fluoranthene	SO	19.000		19	6.2	ug/kg	0.19
A11S-034	Chrysene	SO	200.000		200	25	ug/kg	0.2
A11S-034	Dibenzo(a,h)anthracene	SO	0.000	U	5	10	ug/kg	5
A11S-034	Indeno(1,2,3-cd)pyrene	SO	0.000	U	3.1	6.2	ug/kg	0.31

'Samp_ID' = AUS-A11S-034-SD-0X_4/27/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *81.5*

Samp_ID *AUS-A11S-035-SS-0X_5/1/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
A11S-035	Benzo(a)anthracene	SO	0.000	U	0	420	ug/kg	0
A11S-035	Benzo(a)pyrene	SO	0.000	U	0	420	ug/kg	0
A11S-035	Benzo(b)fluoranthene	SO	0.000	U	0	420	ug/kg	0
A11S-035	Benzo(k)fluoranthene	SO	0.000	U	0	420	ug/kg	0
A11S-035	Chrysene	SO	0.000	U	0	420	ug/kg	0
A11S-035	Dibenzo(a,h)anthracene	SO	0.000	U	0	420	ug/kg	0
A11S-035	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	420	ug/kg	0

'Samp_ID' = AUS-A11S-035-SS-0X_5/1/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-A11S-036-SS-0X_5/1/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
A11S-036	Benzo(a)anthracene	SO	550.000		550	370	ug/kg	55
A11S-036	Benzo(a)pyrene	SO	350.000	J	350	1100	ug/kg	350
A11S-036	Benzo(b)fluoranthene	SO	220.000	J	220	370	ug/kg	22
A11S-036	Benzo(k)fluoranthene	SO	320.000	J	320	1100	ug/kg	3.2
A11S-036	Chrysene	SO	710.000		710	370	ug/kg	0.71
A11S-036	Dibenzo(a,h)anthracene	SO	0.000	U	185	370	ug/kg	185
A11S-036	Indeno(1,2,3-cd)pyrene	SO	120.000	J	120	1100	ug/kg	12

'Samp_ID' = AUS-A11S-036-SS-0X_5/1/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : **627.91**

Samp_ID *AUS-A11S-037-SS-0X_5/1/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
A11S-037	Benzo(a)anthracene	SO	0.000	U	0	5.9	ug/kg	0
A11S-037	Benzo(a)pyrene	SO	0.000	U	0	5.9	ug/kg	0
A11S-037	Benzo(b)fluoranthene	SO	0.000	U	0	7.9	ug/kg	0
A11S-037	Benzo(k)fluoranthene	SO	0.000	U	0	5.9	ug/kg	0
A11S-037	Chrysene	SO	0.000	U	0	5.9	ug/kg	0
A11S-037	Dibenzo(a,h)anthracene	SO	0.000	U	0	9.8	ug/kg	0
A11S-037	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	5.9	ug/kg	0

'Samp_ID' = AUS-A11S-037-SS-0X_5/1/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-A11S-038-SS-01_4/28/00_(1-1)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
A11S-038	Benzo(a)anthracene	SO	0.000	U	0	380	ug/kg	0
A11S-038	Benzo(a)pyrene	SO	0.000	U	0	380	ug/kg	0
A11S-038	Benzo(b)fluoranthene	SO	0.000	U	0	380	ug/kg	0
A11S-038	Benzo(k)fluoranthene	SO	0.000	U	0	380	ug/kg	0
A11S-038	Chrysene	SO	0.000	U	0	380	ug/kg	0
A11S-038	Dibenzo(a,h)anthracene	SO	0.000	U	0	380	ug/kg	0
A11S-038	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	380	ug/kg	0

'Samp_ID' = AUS-A11S-038-SS-01_4/28/00_(1-1)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-A11S-039-SS-01_4/27/00_(1-1)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
A11S-039	Benzo(a)anthracene	SO	710.000		710	370	ug/kg	71
A11S-039	Benzo(a)pyrene	SO	1300.000		1300	370	ug/kg	1300
A11S-039	Benzo(b)fluoranthene	SO	2000.000		2000	370	ug/kg	200
A11S-039	Benzo(k)fluoranthene	SO	1900.000		1900	370	ug/kg	19
A11S-039	Chrysene	SO	1400.000		1400	370	ug/kg	1.4
A11S-039	Dibenzo(a,h)anthracene	SO	430.000		430	370	ug/kg	430
A11S-039	Indeno(1,2,3-cd)pyrene	SO	940.000		940	370	ug/kg	94

'Samp_ID' = AUS-A11S-039-SS-01_4/27/00_(1-1)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : **2115.4**

Samp_ID *AUS-A11S-040-SD-0X_5/2/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
A11S-040	Benzo(a)anthracene	SO	45.000	J	45	410	ug/kg	4.5
A11S-040	Benzo(a)pyrene	SO	43.000	J	43	410	ug/kg	43
A11S-040	Benzo(b)fluoranthene	SO	69.000	J	69	410	ug/kg	6.9
A11S-040	Benzo(k)fluoranthene	SO	0.000	U	205	410	ug/kg	2.05
A11S-040	Chrysene	SO	52.000	J	52	410	ug/kg	0.052
A11S-040	Dibenzo(a,h)anthracene	SO	0.000	U	205	410	ug/kg	205
A11S-040	Indeno(1,2,3-cd)pyrene	SO	0.000	U	205	410	ug/kg	20.5

'Samp_ID' = AUS-A11S-040-SD-0X_5/2/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : **282.002**

Samp_ID *AUS-A11S-041-SD-0X_5/2/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
A11S-041	Benzo(a)anthracene	SE	0.000	U	0	440	ug/kg	0
A11S-041	Benzo(a)pyrene	SE	0.000	U	0	440	ug/kg	0
A11S-041	Benzo(b)fluoranthene	SE	0.000	U	0	440	ug/kg	0
A11S-041	Benzo(k)fluoranthene	SE	0.000	U	0	440	ug/kg	0
A11S-041	Chrysene	SE	0.000	U	0	440	ug/kg	0
A11S-041	Dibenzo(a,h)anthracene	SE	0.000	U	0	440	ug/kg	0
A11S-041	Indeno(1,2,3-cd)pyrene	SE	0.000	U	0	440	ug/kg	0

'Samp_ID' = AUS-A11S-041-SD-0X_5/2/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-A11S-042-SD-0X_5/2/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
A11S-042	Benzo(a)anthracene	SE	120.000	J	120	510	ug/kg	12
A11S-042	Benzo(a)pyrene	SE	140.000	J	140	510	ug/kg	140
A11S-042	Benzo(b)fluoranthene	SE	260.000	J	260	510	ug/kg	26
A11S-042	Benzo(k)fluoranthene	SE	91.000	J	91	510	ug/kg	0.91
A11S-042	Chrysene	SE	150.000	J	150	510	ug/kg	0.15
A11S-042	Dibenzo(a,h)anthracene	SE	0.000	U	255	510	ug/kg	255
A11S-042	Indeno(1,2,3-cd)pyrene	SE	81.000	J	81	510	ug/kg	8.1

'Samp_ID' = AUS-A11S-042-SD-0X_5/2/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : **442.16**

Samp_ID AUS-A11S-043-SD-0X_5/2/00_(0-0.5)Grab_NM

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
A11S-043	Benzo(a)anthracene	SE	0.000	U	250	500	ug/kg	25
A11S-043	Benzo(a)pyrene	SE	0.000	U	250	500	ug/kg	250
A11S-043	Benzo(b)fluoranthene	SE	110.000	J	110	500	ug/kg	11
A11S-043	Benzo(k)fluoranthene	SE	0.000	U	250	500	ug/kg	2.5
A11S-043	Chrysene	SE	61.000	J	61	500	ug/kg	0.061
A11S-043	Dibenzo(a,h)anthracene	SE	0.000	U	250	500	ug/kg	250
A11S-043	Indeno(1,2,3-cd)pyrene	SE	0.000	U	250	500	ug/kg	25

'Samp_ID' = AUS-A11S-043-SD-0X_5/2/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : 563.561

Samp_ID AUS-A11S-044-SD-0X_5/2/00_(0-0.5)Grab_NM

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
A11S-044	Benzo(a)anthracene	SE	0.000	U	0	510	ug/kg	0
A11S-044	Benzo(a)pyrene	SE	0.000	U	0	510	ug/kg	0
A11S-044	Benzo(b)fluoranthene	SE	0.000	U	0	510	ug/kg	0
A11S-044	Benzo(k)fluoranthene	SE	0.000	U	0	510	ug/kg	0
A11S-044	Chrysene	SE	0.000	U	0	510	ug/kg	0
A11S-044	Dibenzo(a,h)anthracene	SE	0.000	U	0	510	ug/kg	0
A11S-044	Indeno(1,2,3-cd)pyrene	SE	0.000	U	0	510	ug/kg	0

'Samp_ID' = AUS-A11S-044-SD-0X_5/2/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-A11S-045-SD-0X_5/2/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
A11S-045	Benzo(a)anthracene	SO	120.000	J	120	410	ug/kg	12
A11S-045	Benzo(a)pyrene	SO	140.000	J	140	410	ug/kg	140
A11S-045	Benzo(b)fluoranthene	SO	310.000	J	310	410	ug/kg	31
A11S-045	Benzo(k)fluoranthene	SO	120.000	J	120	410	ug/kg	1.2
A11S-045	Chrysene	SO	180.000	J	180	410	ug/kg	0.18
A11S-045	Dibenzo(a,h)anthracene	SO	0.000	U	205	410	ug/kg	205
A11S-045	Indeno(1,2,3-cd)pyrene	SO	89.000	J	89	410	ug/kg	8.9

'Samp_ID' = AUS-A11S-045-SD-0X_5/2/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : **398.28**

Samp_ID *AUS-A11S-046-SD-0X_5/2/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
A11S-046	Benzo(a)anthracene	SE	150.000	J	150	530	ug/kg	15
A11S-046	Benzo(a)pyrene	SE	200.000	J	200	530	ug/kg	200
A11S-046	Benzo(b)fluoranthene	SE	480.000	J	480	530	ug/kg	48
A11S-046	Benzo(k)fluoranthene	SE	170.000	J	170	530	ug/kg	1.7
A11S-046	Chrysene	SE	310.000	J	310	530	ug/kg	0.31
A11S-046	Dibenzo(a,h)anthracene	SE	0.000	U	265	530	ug/kg	265
A11S-046	Indeno(1,2,3-cd)pyrene	SE	250.000	J	250	530	ug/kg	25

'Samp_ID' = AUS-A11S-046-SD-0X_5/2/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : **555.01**

Samp_ID *AUS-A11S-047-SD-0X_5/1/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
A11S-047	Benzo(a)anthracene	SO	46.000	J	46	420	ug/kg	4.6
A11S-047	Benzo(a)pyrene	SO	57.000	J	57	420	ug/kg	57
A11S-047	Benzo(b)fluoranthene	SO	67.000	J	67	420	ug/kg	6.7
A11S-047	Benzo(k)fluoranthene	SO	46.000	J	46	420	ug/kg	0.46
A11S-047	Chrysene	SO	68.000	J	68	420	ug/kg	0.068
A11S-047	Dibenzo(a,h)anthracene	SO	0.000	U	210	420	ug/kg	210
A11S-047	Indeno(1,2,3-cd)pyrene	SO	0.000	U	210	420	ug/kg	21

'Samp_ID' = AUS-A11S-047-SD-0X_5/1/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : 299.828

Samp_ID *AUS-A11S-048-SS-0X_5/1/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
A11S-048	Benzo(a)anthracene	SO	0.000	U	0	410	ug/kg	0
A11S-048	Benzo(a)pyrene	SO	0.000	U	0	410	ug/kg	0
A11S-048	Benzo(b)fluoranthene	SO	0.000	U	0	410	ug/kg	0
A11S-048	Benzo(k)fluoranthene	SO	0.000	U	0	410	ug/kg	0
A11S-048	Chrysene	SO	0.000	U	0	410	ug/kg	0
A11S-048	Dibenzo(a,h)anthracene	SO	0.000	U	0	410	ug/kg	0
A11S-048	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	410	ug/kg	0

'Samp_ID' = AUS-A11S-048-SS-0X_5/1/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-A11S-501-SD-0X_5/1/00_(0-0.5)Grab_DUP*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
A11S-008	Benzo(a)anthracene	SE	0.000	U	265	530	ug/kg	26.5
A11S-008	Benzo(a)pyrene	SE	0.000	U	265	530	ug/kg	265
A11S-008	Benzo(b)fluoranthene	SE	62.000	J	62	530	ug/kg	6.2
A11S-008	Benzo(k)fluoranthene	SE	69.000	J	69	530	ug/kg	0.69
A11S-008	Chrysene	SE	66.000	J	66	530	ug/kg	0.066
A11S-008	Dibenzo(a,h)anthracene	SE	0.000	U	265	530	ug/kg	265
A11S-008	Indeno(1,2,3-cd)pyrene	SE	0.000	U	265	530	ug/kg	26.5

'Samp_ID' = AUS-A11S-501-SD-0X_5/1/00_(0-0.5)Grab_DUP (7 detail records)

Toxic Equivalency Quotient (TEQ) : 589.956

Samp_ID *AUS-A11S-503-SD-0X_4/28/00_(0-0.5)Grab_DUP*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
A11S-025	Benzo(a)anthracene	SE	220.000	J	220	480	ug/kg	22
A11S-025	Benzo(a)pyrene	SE	150.000	J	150	480	ug/kg	150
A11S-025	Benzo(b)fluoranthene	SE	170.000	J	170	480	ug/kg	17
A11S-025	Benzo(k)fluoranthene	SE	0.000	U	240	480	ug/kg	2.4
A11S-025	Chrysene	SE	240.000	J	240	480	ug/kg	0.24
A11S-025	Dibenzo(a,h)anthracene	SE	0.000	U	240	480	ug/kg	240
A11S-025	Indeno(1,2,3-cd)pyrene	SE	0.000	U	240	480	ug/kg	24

'Samp_ID' = AUS-A11S-503-SD-0X_4/28/00_(0-0.5)Grab_DUP (7 detail records)

Toxic Equivalency Quotient (TEQ) : 455.64

Samp_ID *AUS-A11S-W01-SS-0X_3/27/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
A11S-W01	Benzo(a)anthracene	SO	0.000	U	0	450	ug/kg	0
A11S-W01	Benzo(a)pyrene	SO	0.000	U	0	450	ug/kg	0
A11S-W01	Benzo(b)fluoranthene	SO	0.000	U	0	450	ug/kg	0
A11S-W01	Benzo(k)fluoranthene	SO	0.000	U	0	450	ug/kg	0
A11S-W01	Chrysene	SO	0.000	U	0	450	ug/kg	0
A11S-W01	Dibenzo(a,h)anthracene	SO	0.000	U	0	450	ug/kg	0
A11S-W01	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	450	ug/kg	0

'Samp_ID' = AUS-A11S-W01-SS-0X_3/27/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-A11S-W01-SS-10_3/27/00_(10-10)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
A11S-W01	Benzo(a)anthracene	SO	0.000	U	0	400	ug/kg	0
A11S-W01	Benzo(a)pyrene	SO	0.000	U	0	400	ug/kg	0
A11S-W01	Benzo(b)fluoranthene	SO	0.000	U	0	400	ug/kg	0
A11S-W01	Benzo(k)fluoranthene	SO	0.000	U	0	400	ug/kg	0
A11S-W01	Chrysene	SO	0.000	U	0	400	ug/kg	0
A11S-W01	Dibenzo(a,h)anthracene	SO	0.000	U	0	400	ug/kg	0
A11S-W01	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	400	ug/kg	0

'Samp_ID' = AUS-A11S-W01-SS-10_3/27/00_(10-10)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-A11S-W01-SS-20_3/27/00_(20-20)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
A11S-W01	Benzo(a)anthracene	SO	0.000	U	0	400	ug/kg	0
A11S-W01	Benzo(a)pyrene	SO	0.000	U	0	400	ug/kg	0
A11S-W01	Benzo(b)fluoranthene	SO	0.000	U	0	400	ug/kg	0
A11S-W01	Benzo(k)fluoranthene	SO	0.000	U	0	400	ug/kg	0
A11S-W01	Chrysene	SO	0.000	U	0	400	ug/kg	0
A11S-W01	Dibenzo(a,h)anthracene	SO	0.000	U	0	400	ug/kg	0
A11S-W01	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	400	ug/kg	0

'Samp_ID' = AUS-A11S-W01-SS-20_3/27/00_(20-20)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-A11S-W02-SS-05_3/27/00_(5-5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
A11S-W02	Benzo(a)anthracene	SO	0.000	U	3.1	6.2	ug/kg	0.31
A11S-W02	Benzo(a)pyrene	SO	0.000	U	3.1	6.2	ug/kg	3.1
A11S-W02	Benzo(b)fluoranthene	SO	0.000	U	4.15	8.3	ug/kg	0.415
A11S-W02	Benzo(k)fluoranthene	SO	0.000	U	3.1	6.2	ug/kg	0.031
A11S-W02	Chrysene	SO	11.000		11	6.2	ug/kg	0.011
A11S-W02	Dibenzo(a,h)anthracene	SO	0.000	U	5	10	ug/kg	5
A11S-W02	Indeno(1,2,3-cd)pyrene	SO	0.000	U	3.1	6.2	ug/kg	0.31

'Samp_ID' = AUS-A11S-W02-SS-05_3/27/00_(5-5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *9.177*

Samp_ID *AUS-A11S-W02-SS-0X_3/27/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
A11S-W02	Benzo(a)anthracene	SO	7.400		7.4	6.2	ug/kg	0.74
A11S-W02	Benzo(a)pyrene	SO	7.300		7.3	6.2	ug/kg	7.3
A11S-W02	Benzo(b)fluoranthene	SO	16.000		16	8.3	ug/kg	1.6
A11S-W02	Benzo(k)fluoranthene	SO	8.300		8.3	6.2	ug/kg	0.083
A11S-W02	Chrysene	SO	22.000		22	6.2	ug/kg	0.022
A11S-W02	Dibenzo(a,h)anthracene	SO	0.000	U	5	10	ug/kg	5
A11S-W02	Indeno(1,2,3-cd)pyrene	SO	0.000	U	3.1	6.2	ug/kg	0.31

'Samp_ID' = AUS-A11S-W02-SS-0X_3/27/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *15.055*

Samp_ID *AUS-A11S-W02-SS-18_3/27/00_(18-18)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
A11S-W02	Benzo(a)anthracene	SO	0.000	U	0	6	ug/kg	0
A11S-W02	Benzo(a)pyrene	SO	0.000	U	0	6	ug/kg	0
A11S-W02	Benzo(b)fluoranthene	SO	0.000	U	0	8.1	ug/kg	0
A11S-W02	Benzo(k)fluoranthene	SO	0.000	U	0	6	ug/kg	0
A11S-W02	Chrysene	SO	0.000	U	0	6	ug/kg	0
A11S-W02	Dibenzo(a,h)anthracene	SO	0.000	U	0	10	ug/kg	0
A11S-W02	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	6	ug/kg	0

'Samp_ID' = AUS-A11S-W02-SS-18_3/27/00_(18-18)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-A11S-W03-SS-12_3/28/00_(12-12)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
A11S-W03	Benzo(a)anthracene	SO	0.000	U	0	5.9	ug/kg	0
A11S-W03	Benzo(a)pyrene	SO	0.000	U	0	5.9	ug/kg	0
A11S-W03	Benzo(b)fluoranthene	SO	0.000	U	0	7.9	ug/kg	0
A11S-W03	Benzo(k)fluoranthene	SO	0.000	U	0	5.9	ug/kg	0
A11S-W03	Chrysene	SO	0.000	U	0	5.9	ug/kg	0
A11S-W03	Dibenzo(a,h)anthracene	SO	0.000	U	0	9.8	ug/kg	0
A11S-W03	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	5.9	ug/kg	0

'Samp_ID' = AUS-A11S-W03-SS-12_3/28/00_(12-12)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-A11S-W03-SS-18_3/28/00_(18-18)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
A11S-W03	Benzo(a)anthracene	SO	0.000	U	0	5.9	ug/kg	0
A11S-W03	Benzo(a)pyrene	SO	0.000	U	0	5.9	ug/kg	0
A11S-W03	Benzo(b)fluoranthene	SO	0.000	U	0	7.9	ug/kg	0
A11S-W03	Benzo(k)fluoranthene	SO	0.000	U	0	5.9	ug/kg	0
A11S-W03	Chrysene	SO	0.000	U	0	5.9	ug/kg	0
A11S-W03	Dibenzo(a,h)anthracene	SO	0.000	U	0	9.8	ug/kg	0
A11S-W03	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	5.9	ug/kg	0

'Samp_ID' = AUS-A11S-W03-SS-18_3/28/00_(18-18)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-A11S-W04-SS-0X_3/28/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
A11S-W04	Benzo(a)anthracene	SO	200.000	J	200	370	ug/kg	20
A11S-W04	Benzo(a)pyrene	SO	280.000	J	280	370	ug/kg	280
A11S-W04	Benzo(b)fluoranthene	SO	340.000	J	340	370	ug/kg	34
A11S-W04	Benzo(k)fluoranthene	SO	410.000		410	370	ug/kg	4.1
A11S-W04	Chrysene	SO	390.000		390	370	ug/kg	0.39
A11S-W04	Dibenzo(a,h)anthracene	SO	100.000	J	100	370	ug/kg	100
A11S-W04	Indeno(1,2,3-cd)pyrene	SO	210.000	J	210	370	ug/kg	21

'Samp_ID' = AUS-A11S-W04-SS-0X_3/28/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : 459.49

Samp_ID *AUS-A11S-W51-SS-10_3/27/00_(10-10)Grab_DUP*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
A11S-W01	Benzo(a)anthracene	SO	0.000	U	0	400	ug/kg	0
A11S-W01	Benzo(a)pyrene	SO	0.000	U	0	400	ug/kg	0
A11S-W01	Benzo(b)fluoranthene	SO	0.000	U	0	400	ug/kg	0
A11S-W01	Benzo(k)fluoranthene	SO	0.000	U	0	400	ug/kg	0
A11S-W01	Chrysene	SO	0.000	U	0	400	ug/kg	0
A11S-W01	Dibenzo(a,h)anthracene	SO	0.000	U	0	400	ug/kg	0
A11S-W01	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	400	ug/kg	0

'Samp_ID' = AUS-A11S-W51-SS-10_3/27/00_(10-10)Grab_DUP (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-A11S-W52-SS-18_3/27/00_(18-18)Grab_DUP*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
A11S-W02	Benzo(a)anthracene	SO	13.000		13	6	ug/kg	1.3
A11S-W02	Benzo(a)pyrene	SO	10.000		10	6	ug/kg	10
A11S-W02	Benzo(b)fluoranthene	SO	16.000		16	8	ug/kg	1.6
A11S-W02	Benzo(k)fluoranthene	SO	8.200		8.2	6	ug/kg	0.082
A11S-W02	Chrysene	SO	16.000		16	6	ug/kg	0.016
A11S-W02	Dibenzo(a,h)anthracene	SO	0.000	U	4.95	9.9	ug/kg	4.95
A11S-W02	Indeno(1,2,3-cd)pyrene	SO	9.900		9.9	6	ug/kg	0.99

'Samp_ID' = AUS-A11S-W52-SS-18_3/27/00_(18-18)Grab_DUP (7 detail records)

Toxic Equivalency Quotient (TEQ) : *18.938*

Samp_ID *AUS-A2D-043-SD-0X_3/27/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A2D-043	Benzo(a)anthracene	SO	0.000	U	0	540	ug/kg	0
0A2D-043	Benzo(a)pyrene	SO	0.000	U	0	540	ug/kg	0
0A2D-043	Benzo(b)fluoranthene	SO	0.000	U	0	540	ug/kg	0
0A2D-043	Benzo(k)fluoranthene	SO	0.000	U	0	540	ug/kg	0
0A2D-043	Chrysene	SO	0.000	U	0	540	ug/kg	0
0A2D-043	Dibenzo(a,h)anthracene	SO	0.000	U	0	540	ug/kg	0
0A2D-043	Indeno(1,2,3-cd)pyrene	SO	0.000	U	0	540	ug/kg	0

'Samp_ID' = AUS-A2D-043-SD-0X_3/27/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Samp_ID *AUS-A2D-044-SD-0X_3/27/00_(0-0.5)Grab_NM*

LOC_ID	Analyte	Matrix	Result	Lab Flag	ResUse	RDL	Units	Toxic Equivalent
0A2D-044	Benzo(a)anthracene	SE	0.000	U	0	430	ug/kg	0
0A2D-044	Benzo(a)pyrene	SE	0.000	U	0	430	ug/kg	0
0A2D-044	Benzo(b)fluoranthene	SE	0.000	U	0	430	ug/kg	0
0A2D-044	Benzo(k)fluoranthene	SE	0.000	U	0	430	ug/kg	0
0A2D-044	Chrysene	SE	0.000	U	0	430	ug/kg	0
0A2D-044	Dibenzo(a,h)anthracene	SE	0.000	U	0	430	ug/kg	0
0A2D-044	Indeno(1,2,3-cd)pyrene	SE	0.000	U	0	430	ug/kg	0

'Samp_ID' = AUS-A2D-044-SD-0X_3/27/00_(0-0.5)Grab_NM (7 detail records)

Toxic Equivalency Quotient (TEQ) : *0*

Grand Total *264719.17*