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FINAL

CONTAMINATION ASSESSMENT/ REMEDIAL ACTIVITIES INVESTIGATION NORTH CHEVALIER DISPOSAL AREA (SITE 11) NAVAL AIR STATION PENSACOLA PENSACOLA, FLORIDA

INTERIM DATA REPORT VOLUME II (Appendices)

October 1991

Contract N62467-88-C-0200

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APPENDIX A

BIRDS OBSERVED DURING HABITAT/BIOTA SURVEY

BIRDS OBSERVED DURING HABITAT/BIOTA SURVEY
OCTOBER 1990

Mature pine forest, including grassy margins along dirt roads and thickets bordering forests.

Cardinal	Cardinalis cardinalis
Bluejay	Cyanocitta cristata
Gray Catbird	Dumetella carolinensis
Northern Mockingbird	Mimus polyglottos
Rufous-sided Towhee	Pipilo erythrophthalmus
Boat-tailed Grackle	Quiscalus major
Common Grackle	Quiscalus quiscula
Eastern Phoebe	Sayornis phoebe
Carolina Wren	Thryothorus ludovicianus
Brown Thrasher	Toxostoma rufum
House Wren	Troglodytes aedon
Yellow-throated Vireo	Vireo flavifrons
White-eyed Vireo	Vireo griseus
Mourning Dove	Zenaida macroura

Upland mature hardwood forest with some mix of pines.

Red-tailed Hawk	Buteo jamaicensis
Bluejay	Cyanocitta cristata
Prairie Warbler	Dendroica discolor
Mississippi Kite	Ictinia mississippiensis
Northern Mockingbird	Mimus polyglottos
Tufted Titmouse	Parus bicolor
Carolina Chickadee	Parus carolinensis
Ruby Crowned Kinglet	Regulus calendula
Golden Crowned Kinglet	Regulus satrapa
Ovenbird	Seiurus aurocapillus
Nashville Warbler	Vermivora ruficapilla
Mourning Dove	Zenaida macroura

Beachfront, including shoreline along vaterfront apron; Pensacola Bay open vater; Bayou Grande open vater; shoreline along dredge spoil fill area; interior mudflats of dredge spoil fill area; and primary dune/scrubby areas of beach.

Great Blue Heron	Ardea herodias
Ruddy Turnstone	Arenaria interpres
Sanderling	Calidris alba
Least Sandpiper	Calidris minutilla
Semi-palmated Sandpiper	Calidris pusilla
Willet	Catoptrophorus semipalmatus
Belted Kingfisher	Ceryle alcyon
Semi-palmated Plover	Charadrius semipalmatus
Killdeer	Charadrius vociferus
Eastern Wood Pewee	Contopus borealis
Fish Crow	Corvus ossifragus
Bluejay	Cyanocitta cristata
Little Blue Heron	Egretta caerulea
Acadian Flycatcher	Empidonax virescens
Herring Gull	Larus argentatus
Laughing Gull	Larus atricilla
Short-billed Dowitcher	Limnodromus griseus
Northern Mockingbird	Minus polyglottos
Osprey	Pandion haliaetus
Brown Pelican	Pelecanus occidentalis
Double Crested Cormorant	Phalacrocorax auritus
Black-bellied Plover	Pluvialis squatarola
Chipping Sparrow	Spizella passerina
Roseate Tern	Sterna dougallii
Common Tern	Sterna hirundo
Royal Tern	Sterna maxima
Forester's Tern	Sterna porsteri
Sandwich Tern	Sterna sandircensis
Tree Swallow	Tachvcineta bicolor
House Wren	Troglodytes aedon
Mourning Dove	Zenaida macroura

Harshland, including emergent vegetation found along Bayou Grande, Pensacola Bay, and brackish-water ponds.

Red-winged Blackbird	Agelaius phoeniceus
Northern Shoveler	[illegible] ly
Green-winged Teal	Anas crecea
Blue-winged Teal	hnas discors
Mottled Duck	Anas fulvigula
Great Blue Heron	Ardea herodias
Lesser Scaup	Aythya affinis
Cardinal	Cardinalis cardinalis
Great Egret	Casmerodius albus
Belted Kingfisher	Ceryle alcyon
Northern Flicker	Colaptes auratus
Bluejay	Cyanocitta cristata
Yellow-rumped Warbler	Dendroica coronata
Little Blue Heron	Egretta caerulea
Snowy Egret	Egretta thula
Tricolored Heron	Egretta tricolor
American Coot	Fulica americana
Yellowthroat	Geothlypis trichas
Northern Mockingbird	Mimus polyglottos
Osprey	Pandion haliaetus
Rufous-sided Towhee	Pipilo erythrophthalmus
Pied-billed Grebe	Podilymbus podiceps
Forester's Tern	Sterna forsteri
House Wren	Troglodytes aedon
Mourning Dove	Zenaida macroura

Forested wetland area, including mature hardwoods and thick undergrowth mixed vith emergent vegetation such as cattails.

Cardinal	Cardinalis cardinalis
American Goldfinch	Carduelis tristis
Harsh Wren	Cistothorus palustris
Northern Flicker	Colaptes auratus
Bluejay	Cyanocitta cristata
Prairie Warbler	Dendroica discolor
Wood Thrush	Hylocichla mustelina
Northern Mockingbird	Mimus polyglottos
Yellow-bellied Sapsucker	Sphyrapicus varius
Brown Thrasher	Toxostoma rufum

APPENDIX B

SURFACE EMISSIONS, RADIATION, AND METAL DETECTOR SURVEY DATA

SITE 11

GRID COORDINATES	OVA (ppm)	RADIATIO?: SURVEY (uR/h)	METAL DETECTOR (yes/no)	GRID
E0+00N4+25	1	4	N	A
E0+00N4+50	1	9	Y	A
E0+00N4+75	1	4	N	A
E0+00N5+00	1	4	N	A
E0+00N5+25	1	4	N	A
E0+00N5+50	1	4	Y	A
E0+00N5+75	1	4	N	A
N0+00E0+00	1	6	Y	A
N0+00E0+25	1	4	Y	A
N0+00E0+50	1	6	Y	A
NO+00W0+75	1	4	N	A
N0+00W1+00	1	4	N	A
N0+00W1+25	1	4	N	A
N0+00W1+50	1	4	N	A
N0+00W1+75	1	4	N	A
N0+00W2+00	1	4	N	A
N0+00W2+25	1	4	N	A
N0+00W2+50	1	4	N	A
N0+25E0+00	1	4	N	A
N0+25E0+25	1	6	N	A
N0+25E0+50	1	7	Y	A
NO+25W0+75	1	4	N	A
N0+25W1+00	1	4	N	A
N0+25W1+25	1	4	N	A
NO+25W1+50	1	4	N	A
N0+25W1+75	1	4	N	A
NOt25W2+00	1	4	N	A
N0+25W2+00	1	4	N	A
N0+25W2+25	1	4	N	A
NO+25W2+50	1	4	N	A
N0+50E0+00	1	6	Y	A
N0+50E0+25	1	6	Y	A
N0+50E0+50	1	6	N	A
N0+50W0+75	1	4	N	A
N0+50W1+00	1	4	N	A
NO+SOW1+25	1	6	N	A
N0+50W1+50	1	4	N	A
N0+50W1+75	1	4	N	A
N0+50W2+25	1	4	N	A
N0+50W2+50	1	4	N	A
N0+75E0+00	1	6	N	A
N0+75E0+25	1	6	N	A
N0+75E0+50	1	6	N	A
N0+75W0+75	1	4	N	A
N0+75W1+00	1	4	N	A
N0+75W1+25	1	4	N	A
N0+75W1+50	1	4	Y	A
NO+75W1+75	1	4	N	A

SITE 11

GRID CGORDIYATES	OVA (ppm)	RADIATION SURVEY (uR/h)	METAL DETECTOR (yes/no)	GRID
N0+75W2+00	1	4	N	A
N0+75W2+25	1	4	N	A
N0+75W2+50	1	4	N	A
N1+00E0+00	1	7	Y	A
N1+00E0+25	1	7	N	A
N1+00E0+50	1	6	Y	X
N1+00E1+00	1	4	N	A
N1+00E1+25	1	4	N	A
N1+00E1+50	1	4	Y	A
N1+00W0+75	1	4	N	A
N1+00W1+00	1	4	N	A
N1+00W1+25	1	4	N	A
N1+00W1+50	1	4	N	A
N1+00W2+00	1	4	N	A
N1+00W2+23	1	4	N	A
N1+00W2+50	1	4	N	A
N1+25E0+00	1	6	Y	A
N1+25E0+25	1	6	N	A
N1+25E1+00	1	4	N	A
N1+25E1+25	1	4	N	A
N1+25E1+50	1	4	Y	A
N1+25W0+75	1	J	N	X
N1+25W1+00	1	4	N	A
N1+25W1+25	1	4	N	A
N1+25W1+50	1	4	N	A
N1+25W1+75	1	4	N	A
N1+25W2+00	1	4	N	A
N1+25W2+25	1	4	N	A
N1+25W2+50	1	4	N	A
N1+50E0+00	1	8	N	A
N1+50E0+25	1	6	N	A
N1+50E0+50	1	4	Y	A
N1+50E0+75	1	7	N	A
N1+50E1+00	1	5	Y	A
N1+50E1+25	1	4	N	A
N1+50E1+50	1	5	Y	A
N1+50E1+75	1	4	Y	A
N1+50E2+00			N	A
N1+50E2+25	1	4	Y	A
N1+50E2+50				A
N1+50E3+00				A
N1+50E3+50				A
N1+50W0+75	1	4	N	X
N1+50W1+00	1	4	N	A
N1+50W1+25	1	4	N	A
N1+50W1+50	1	4	N	A
Sl+50W1+73	1	4	N	A
N1+30W2+00	1	4	N	A

SITE 11

GRID COORDINATES	OVA (ppm)	RADIATION SURVEY (uR/h)	METAL DETECTOR (yes/no)	GRID
N1+50W2+25	1	4	N	A
N1+50W2+50	1	4	N	A
N1+75E0+00	1	7	N	A
N1+75E0+25	1	6	Y	A
N1+75E0+50	1	6	Y	A
N1+75E1+00	1	4	Y	A
N1+75E1+25	1	4	N	A
N1+75E1+50	1	6	N	A
N1+75E1+75	1	6	N	A
N1+75E2+00	1	6	N	A
N1+75E2+25	1	6	N	A
N1+75E2+50				A
N1+75W0+75	1	4	N	A
N1+75W1+00	1	4	N	A
N1+75W1+25	1	4	N	A
N1+75W1+50	1	4	Y	A
N1+75W1+75	1	4	N	A
N1+75W2+00	1	4	N	4
N1+75W2+25	1	4	N	A
N1+75W2+50	1	4	N	A
N2+00E0+00	1	6	Y	A
N2+00E0+25	1	6	Y	A
N2+00E0+50	1	4	Y	A
N2+00E1+00	1	4	Y	A
N2+00E1+25	1	6	N	A
N2+00E1+50	1	4	Y	A
N2+00E1+75	1	4	Y	A
N2+00E2+00	1	4	N	A
N2+00E2+25	1	4	N	A
N2+00E2+50	1	4	N	A
N2+00E3+00				A
N2+00E3+50				X
N2+00W1+00				A
N2+00W1+25	1	4	N	A
N2+00W1+50	1	4	N	A
N2+00W1+75	1	4	N	A
N2+00W2+00	1	4	N	A
N2+00W2+25	1	4	N	A
N2+00W2+50	1	4	N	A
N2+25E0+00	1	6	Y	A
N2+25E0+25	1	6	N	A
N2+25E0+50	1	4	Y	A
N2+25E1+25				A
N2+25E1+50				A
N2+25E1+75				A
N2+25E2+00				A
N2+25E2+25				A
N2+25E2+50				A

SITE 11

GRID COORDINATES	OVA (ppm)	RADIATION SURVEY (uR/h)	METAL DETECTOR (yes/no)	GRID
N2+25W1+25	1	4	N	A
N2+25W1+50	1	4	N	A
N2+25W1+73	1	4	N	A
N2+25W2+00	1	4	N	A
N2+25W2+25	1	4	N	A
N2+25W2+50	1	4	N	A
N2+50E0+00	1	6	N	A
N2+50E0+25	1	6	N	A
N2+50E0+50	1	3	Y	A
N2+50E1+00				A
N2+50E1+50	1	4	Y	A
N2+50E1+75	1	4	N	A
N2+50E2+00	1	5	N	A
N2+50E2+25	1	4	N	A
N2+50E2+50	1	3	N	A
N2+50E3+00				A
N2+50E3+50				A
N2+50W1+00				A
N2+30W1+25	1	4	N	A
N2+50W1+50	1	4	N	A
N2+50W1+75	1	3	N	A
N2+50W2+00	1	4	N	A
N2+50W2+25	1	3	N	A
N2+50W2+50				A
N2+75E0+00	1	4	N	A
N2+75E0+25	1	6	N	A
N2+75E0+50	1	4	Y	A
N2+75E2+00				A
N2+75E2+25				A
N2+75E2+50				A
N2t75W1+25	1	4	N	A
N2+75W1+50	1	4	N	A
N2+75W1+75	1	3	N	A
N2+75W2+00	1	4	N	A
N2+75W2+25	1	4	N	A
N2+75W2+50				A
N3+00E0+00	1	6	Y	A
N3+00E0+25	1	4	Y	A
N3+00E0+50	1	4	N	A
N3+00E2+25				A
N3+00E2+50				A
N3+00E3+00				A
N3+00W1+00				A
N3+00W1+25	1	4	N	A
N3+00W1+50	1	4	N	A
N3+00W1+75	1	4	N	A
N3+00W2+00	1	4	N	A
N3+00W2+23	1	4	S	A

SITE 11

GRID COORDINATES	OVA (ppm)	RADIATION SURVEY (uR/h)	METAL DETECTOR (yes/no)	GRID
N3+00W2+50	1	4	N	A
N3+25E0+00	1	7	N	A
N3+25E0+25	1	4	Y	A
N3+25E0+50	1	4	Y	A
N3+25W1+25	1	4	N	A
N3+25W1+50	1	4	N	A
N3+25W1+75	1	4	N	A
N3+25W2+00	1	4	N	A
N3+25W2+25	1	4	N	A
N3+25W2+50	1	4	N	A
N3+50E0+00	1	6	N	A
N3+50E0+25	1	6	Y	A
N3+50E0+50	1	4	Y	A
N3+50W1+00				A
N3+50W1+25	1	4	N	A
N3+50W1+50	1	4	N	A
N3+50W1+75	1	4	N	A
N3+50W2+00	1	4	N	A
N3+50W2+25	1	4	N	A
N3+50W2+50	1	4	N	A
N3+75E0+00	1	6	N	A
N3+75E0+25				A
N3+75E0+50				A
N3+75E0+75				A
N3+75W1+00	1	4	N	A
N3+75W1+25	1	4	N	A
N3+75W1+50	1	3	N	A
N3+75W1+75	1	4	N	A
N3+75W2+00	1	4	N	A
N3+75W2+25	1	4	Y	A
N3+75W2+50	1	4	N	A
N4+00E0+00	1	4	N	A
N4+00E0+25	1	7	Y	A
N4+00E0+50	1	6	N	A
N4+00E0+75	1	4	N	A
N4+00W0+23	1	4	N	A
N4+00W0+50	1	4	N	A
N4+00W0+75	1	4	N	X
N4+00W1+00	1	4	N	A
N4+00W1+25	1	4	N	A
N4+00W1+50	1	9	N	A
N4+00W1+75	1	7	Y	A
N4+00W2+00	1	4	N	X
N4+00W2+25	1	4	N	A
N4+00W2+50	1	4	N	A
N4+25E0+00	1	4	N	A
N4+25E0+25	1	6	N	X
N4+25E0+50	1	6	Y	A

SITE 11

GRID COORDINATES	OVA (ppm)	RADIATION SURVEY (uR/h)	METAL DETECTOR (yes/no)	GRID
N4+25E0+75	1	4	Y	A
N4+25E1+00				A
N4+25E1+25				A
N4+25W0+25	1	4	N	A
N4+25W0+50	1	6	N	A
N4+25W0+75	1	4	N	A
N4+25W1+00	1	4	N	A
N4+25W1+25	1	4	N	A
N4+25W1+50	1	4	N	A
N4+25W1+75	1	4	N	A
N4+25W2+00	1	4	N	A
N4+25W2+25	1	11	N	A
N4+25W2+50	1	7	Y	A
N4+50E0+25	1	4	N	A
N4+50E0+50	1	4	N	A
N4+50E0+75	1	4	N	A
N4+50E1+00	1	4	N	A
N4+50W0+25	1	4	N	A
N4+50W0+50	1	6	N	A
N4+50W0+75	1	4	N	A
N4+50W1+00	1	4	N	A
N4+50W1+25	1	[illegible]	N	A
N4+50W1+50	1	4	N	A
N4+50W1+75	1	4	N	A
N4+50W2+00	1	4	Y	A
N4+50W2+25	1	[illegible]	Y	A
N4+50W2+50	1	4	N	A
N4+75E0+25	1	4	N	A
N4+75E0+50	1	4	N	A
N4+75E0+75	1	4	Y	A
N4+75W0+25	1	4	N	A
N4+75W0+50	1	6	N	A
N4+75W0+75	1	4	N	A
N4+75W1+00				A
N4+75W1+25				A
N4+75W1+50				A
N4+75W1+75				A
N4+75W2+00				A
N4+75W2+25	1	4	Y	A
N4+75W2+50	1	4	N	A
N5+00E0+25	1	4	N	A
N5+00E0+50	1	4	Y	A
N5+00E0+75	1	7	Y	A
N5+00E1+00	1	4	N	A
N5+00E1+25	1	4	N	A
N5+00E1+50				A
N5+00W0+25	1	6	N	A
N3+00W0+30	1	4	N	A

SITE 11

GRID COORDINATES	OVA (ppm)	RADIATION SURVEY (uR/h)	METAL DETECTOR (yes/no)	GRID
N5+00W0+75	1	4	N	A
N5+00W1+00	1	4	N	A
N5+00W1+25	1	4	N	A
N5+00W1+50	1	4	N	A
N5+00W1+75	1	4	N	A
N5+00W2+00	1	4	N	A
N5+00W2+25	1	4	Y	A
N5+00W2+50	1	4	Y	A
N5+25E0+25	1	4	N	A
N5+25E0+50	1	4	Y	A
N5+25W0+25	1	4	N	A
N5+25W0+50	1	4	N	A
N5+25W0+75	1	4	N	A
N5+25W1+00	1	4	Y	A
N5+25W1+25	1	4	N	A
N5+25W1+50	1	4	Y	A
N5+25W1+75	1	4	N	A
N5+25W2+00				A
N5+25W2+25				A
N5+25W2+50				A
N5+50E0+25	1	4	Y	A
N5+50E0+50	1	4	Y	A
N5+50E0+75	1	4	Y	A
N5+50E1+00	1	7	N	A
N5+50E1+25	1	6	Y	A
N5+50E1+50				A
N5+50W0+25	1	4	N	A
N5+50W0+50	1	4	N	A
N5+50W0+75	1	4	N	A
N5+50W1+00	1	4	N	A
N5+50W1+25	1	6	N	A
N5+50W1+50	1	4	N	A
N5+50W1+75	1	4	N	A
N5+50W2+00	1	4	N	X
N5+50W2+25	1	4	N	A
N5+50W2+50	1	4	Y	A
N5+75E0+25	1	4	Y	A
N5+75E0+50	1	7	Y	A
N5+75E0+75	1	7	Y	A
N5+75W0+25	1	4	N	A
N5+75W0+50	1	4	N	A
N5+75W0+75	1	4	Y	A
N5+75W1+00	1	4	N	A
N5+75W1+25	1	4	N	A
N5+75W1+50	1	4	N	A
N5+75W1+75	1	4	N	A
N5+75W2+00	1	4	N	A
N5+75W2+25	1	4	N	A

SITE 11

GRID COORDINATES	OVA (ppm)	RADIATION SURVEY (uR/h)	METAL DETECTOR (yes/no)	GRID
N5+75W2+50				A
W0+25N0+00	1	4	N	A
W0+25N0+25	1	4	N	A
W0+25N0+50	1	4	N	A
W0+25N0+75	1	6	N	A
W0+25N1+00	1	9	N	A
W0+25N1+23	1	4	N	A
W0+25N1+50	1	4	N	A
W0+25N1+75	1	4	N	A
W0+25N2+00	1	4	N	A
W0+25N2+25	1	4	N	A
W0+25N2+50	1	4	N	A
W0+25N2+75	1	6	N	A
W0+25N3+00	1	6	N	A
W0+25N3+25	1	4	N	A
W0+25N3+50	1	4	N	A
W0+25N3+75	1	4	N	A
W0+30N0+00	1	4	N	A
W0+50N0+23	1	4	N	A
W0+5OXO+30	1	4	N	A
W0+3OS0+73	1	4	N	A
W0+30N1+00	1	4	N	A
W0+30N1+23	1	4	N	A
W0+30N1+30	1	3	N	A
W0+50N1+75	1	4	N	A
W0+50N2+00	1	4	N	A
W0+30N2+25	1	4	N	A
W0+50N2+50	1	4	N	A
W0+50N2+75	1	4	N	A
W0+50N3+00	1	4	N	A
W0+50N3+25	1	4	N	A
W0+50N3+50	1	4	N	A
W0+75N2+00	1	4	N	A
W0+75N2+25	1	4	N	A
W0+75N2+50	1	3	N	A
W0+75N2+75	1	4	N	A
W0+75N3+00	1	4	N	A
W0+75N3+25	1	4	N	A
W0+75N3+50	1	4	N	A
W0+75N3+73	1	4	N	A

SITE 11

GRID COORDISXTES	OVA (ppm)	RADIATION SURVEY (uR/h)	METAL DETECTOR (yes/no)	GRID
E0+25N5+50	1	4	N	B
E0+25N5+75	1	4	N	B
E0+25N6+00	1	4	N	B
E0+25N6+25				B
E0+25N6+50				B
E0+25N6+75				B
E0+25N7+00				B
E0+25N7+25				B
E0+25N7+50				B
E0+25N7+75				B
E0+25N8+00				B
E0+25N8+25				B
E0+25N8+50				B
N0+00E0+25	1	4	N	B
N0+00E0+50	1	4	Y	B
N0+00E0+75	1	4	Y	B
N0+00E1+00	1	4	N	B
N0+00E1+25	1	4	N	B
N0+00E1+50	1	4	N	B
N0+00E2+00				B
N0+00E2+50				B
N0+25E0+25	1	4	N	B
N0+25E0+50	1	4	Y	B
N0+25E0+75	1	4	N	B
N0+25E1+00	1	4	N	B
N0+25E1+25	1	4	N	B
N0+25E1+50	1	4	N	B
N0+25W0+00	1	4	N	B
N0+25W0+25	1	4	N	B
N0+25W0+50	1	4	N	B
N0+25W0+75	1	4	N	B
N0+25W1+00	1	4	N	B
N0+25W1+25	1	4	N	B
N0+25W1+50	1	4	N	B
N0+25W1+75	1	4	N	B
N0+25W2+00	1	4	N	B
N0+25W2+25	1	4	Y	B
N0+25W2+50	1	4	N	B
N0+50E0+25	1	4	Y	B
N0+50E0+50	1	4	Y	B
N0+30E0+73	1	4	N	E
N0+50E1+00	1	4	Y	B
N0+50E1+25	1	4	Y	B
N0+50E1+50	1	4	Y	B
N0+50E1+75	1	4	N	B
N0+50E2+00	1	4	N	B
N0+50E2+25	1	4	N	B
N0+50E2+50				B

SITE 11

GRID COORDINATES	OVA (ppm)	RADIATION SURVEY (uR/h)	METAL DETECTOR (yes/no)	GRID
N0+50W0+00	1	4	N	B
N0+50W0+25	1	4	N	B
N0+50W0+50	1	4	N	B
N0+50W0+75	1	4	N	B
N0+50W1+00	1	4	N	B
N0+50W1+25	1	4	N	B
N0+50W1+50	1	4	N	B
N0+50W1+75	1	4	N	B
N0+50W2+00	1	J	N	B
N0+50W2+25	1	4	N	B
N0+50W2+50	1	4	N	B
N0+75E0+25	1	4	Y	B
N0+75E0+50	1	4	Y	B
N0+75E0+75	1	4	N	B
N0+75E1+00	1	4	Y	B
N0+75E1+25	1	4	Y	B
N0+75E1+50	1	4	N	B
N0+75E1+75	1	4	N	B
N0+75E2+00	1	4	N	B
N0+75E2+25				B
N0+75E2+50				B
N0+75W0+00	1	4	N	B
SO+75W0+25	1	4	N	B
N0+73W0+50	1	4	N	B
N0+75W0+75	1	4	N	B
N0+75W1+00	1	4	N	B
N0+75W1+25	1	4	N	B
N0+75W1+50	1	4	N	B
N0+75W1+75	1	4	N	B
N0+75W2+00	1	4	N	B
N0+75W2+25	1	4	N	B
N0+75W2+50	1	4	N	B
N1+00E0+25	1	4	Y	B
N1+00E0+50	1	4	Y	B
N1+00E0+75	1	4	N	B
N1+00E1+00	1	4	Y	B
N1+00E1+25	1	4	Y	B
N1+00E1+50	1	4	Y	B
N1+00E1+75	1	4	Y	B
N1+00E2+00	1	4	Y	B
N1+00E2+25	1	4	Y	B
N1+00E2+50				B
N1+00W0+00	1	4	N	B
N1+00W0+25	1	4	N	B
N1+00W0+50	1	4	N	B
N1+00W0+75	1	4	N	B
N1+00W1+00	1	4	N	B
N1+00W1+23	1	4	N	B

SITE 11

GRID COORDINATES	OVA (ppm)	RADIATION SURVEY (uR/h)	METAL DETECTOR (yes/no)	GRID
N1+00W1+50	1	4	Y	B
N1+00W1+75	1	4	N	B
N1+00W2+00	1	4	N	B
N1+00W2+25	1	4	N	B
N1+00W2+50	1	4	N	B
N1+25E0+25	1	4	Y	B
N1+25E0+50	1	4	Y	B
N1+25E0+75	1	4	N	B
N1+25E1+25	1	4	Y	B
N1+25E1+50	1	11	Y	B
N1+25E1+75	1	4	N	B
N1+25E2+00	1	4	N	B
N1+25E2+25	1	4	Y	B
N1+25E2+50				B
N1+25E2+75				B
N1+25E3+00				B
N1+25W0+00	1	4	N	B
N1+25W0+25	1	4	N	B
N1+25W0+50	1	4	N	B
N1+25W0+75	1	4	N	B
N1+25W1+00	1	4	N	B
N1+25W1+25	1	4	N	B
N1+25W1+50	1	4	N	B
N1+25W1+75	1	4	N	B
N1+25W2+00	1	4	N	B
N1+25W2+25	1	4	N	B
N1+25W2+50	1	4	N	B
N1+50E0+25	1	4	Y	B
N1+50E0+50	1	4	Y	B
N1+50E0+75	1	4	N	B
N1+50E1+00	1	4	Y	B
N1+50E1+25	1	4	Y	B
N1+50E1+50	1	4	Y	B
N1+50E1+75	1	4	N	B
N1+50E2+00	1	4	N	B
N1+50E2+25	1	4	Y	B
N1+50E2+50	1	4	N	B
N1+50E2+75	1	4	Y	B
N1+50E3+00	1	4	N	B
N1+50W0+00	1	4	N	B
N1+50W0+25	1	4	N	B
N1+50W0+50	1	4	Y	B
N1+50W0+75	1	4	N	B
N1+50W1+00	1	3	N	B
N1+50W1+23	1	4	N	B
N1+50W1+30	1	4	N	B
N1+50W1+75	1	4	N	B
N1+50W2+00	1	4	Y	B

SITE 11

GRID COORDINATES	OVA (ppm)	RADIATION SURVEY (uR/h)	METAL DETECTOR (yes/no)	GRID
N1+50W2+25	1	4	N	B
N1+50W2+50	1	4	N	B
N1+75E0+25	1	4	Y	B
N1+75E0+50	1	4	Y	B
N1+75E0+75	1	4	N	B
N1+75E1+00	1	4	Y	B
N1+75E1+25	1	[illegible]	Y	B
N1+75E1+50				B
N1+75E1+75	1	4	Y	B
N1+75E2+00	1	4	N	B
N1+75E2+25	1	4	Y	B
N1+75E2+50				B
N1+75E2+75				B
N1+75E3+00	1	4	N	B
N1+75W0+00	1	[illegible]	N	B
N1+75W0+25	1	4	N	B
N1+75W0+50	1	4	N	B
N1+75W0+75	1	3	N	B
N1+75W1+00	1	4	N	B
N1+75W1+25	1	[illegible]	N	B
N1+75W1+50	1	4	N	B
N1+75W1+75	1	4	N	B
N1+75W2+00	1	4	N	B
N1+75W2+25	1	4	N	B
N1+75W2+50	1	4	N	B
N2+00E0+75	1	4	N	B
N2+00E1+00	1	4	Y	B
N2+00E1+25	1	4	Y	B
N2+00E1+50	1	45	Y	B
N2+00E1+75	1	4	N	B
N2+00E2+00	1	4	Y	B
N2+00E2+25	1	4	N	B
N2+00E2+50	1	4	N	B
N2+00E2+75	1	4	N	B
N2+00E3+00	1	4	N	B
N2+00W0+00	1	4	N	B
N2+00W0+25	1	4	N	B
N2+00W0+50	1	4	N	B
N2+00W0+75	1	4	N	B
N2+00W1+00	1	4	N	B
N2+00W1+25	1	4	N	B
N2+00W1+50	1	4	N	B
N2+00W1+75	1	4	N	B
N2+00W2+00	1	4	N	B
N2+00W2+25	1	4	N	B
N2+00W2+50	1	4	N	B
N2+25E0+25	1	4	Y	B
N2+25E0+50	1	4	Y	B

SITE 11

GRID COORDINATES	OVA (ppm)	RADIATION SURVEY (uR/h)	METAL DETECTOR (yes/no)	GRID
N2+25E0+75	1	4	N	B
N2+25E1+00	1	4	Y	B
N2+25E1+25	1	4	Y	B
N2+25E1+50	1	4	N	B
N2+25E2+00	1	4	Y	B
N2+25E2+25	1	4	Y	B
N2+25E2+50				B
N2+25E2+75	1	4	N	B
N2+25E2+75				B
N2+25E3+00	1	4	Y	B
N2+25W0+00	1	4	N	B
N2+25W0+25	1	4	N	B
N2+25W0+50	1	4	N	B
N2+25W0+75	1	4	N	B
N2+25W1+00	1	4	N	B
N2+25w1t25	1	4	N	B
N2+25W1+50	1	4	N	B
N2+25W1+75	1	4	N	B
N2+25W2+00	1	4	N	B
N2+25W2+25	1	4	N	B
N2+25W2+50	1	4	N	B
N2+50E0+25	1	4	N	B
N2+50E0+50	1	4	N	B
N2+50E0+75	1	4	N	B
N2+50E1+00	1	4	Y	B
N2+50E1+25	1	4	Y	B
N2+50E1+50	1	4	Y	B
N2+50E1+75	1	4	N	B
N2+50E2+00	1	4	N	B
N2+50E2+25	1	4	N	B
N2+50E2+50	1	4	Y	B
N2+50E2+75	1	4	N	B
N2+50E3+00	1	4	N	B
N2+50E3+50				B
N2+50W0+00	1	4	N	B
N2+50W0+25	1	4	N	B
N2+50W0+50	1	4	N	B
N2+30W0t73	1	4	N	B
N2t30W1+00	1	4	N	B
N2+50W1+25	1	4	N	B
N2+30W1+50	1	4	N	B
N2+50W1+75	1	4	N	B
N2+50W2+00	1	4	Y	B
N2+50W2+25	1	4	Y	B
N2+50W2+50	1	4	N	B
N2+75E0+25	1	4	Y	B
N2+75E0+50	1	4	N	B
N2+75E0t75	1	4	N	B

SITE 11

GRID COORDINATES	OVA (ppm)	RADIATION SURVEY (uR/h)	METAL DETECTOR (yes/no)	GRID
N2+75E1+00	1	4	N	B
N2+75E1+25	1	4	N	B
N2+75E1+50	1	4	N	B
N2+75E1+75	1	4	N	B
N2+75E2+00	1	4	N	B
N2+75E2+25	1	4	Y	B
N2+75E2+50	1	4	Y	B
N2+75E2+75	1	4	N	B
N2+75E3+00	1	4	Y	B
N2+75W0+00	1	4	N	B
N2+75W0+25	1	4	N	B
N2+75W0+50	1	4	N	B
N2+75W0+75	1	4	N	B
N2+75W1+00	1	4	N	B
N2+75W1+25	1	4	N	B
N2+75W1+50	1	4	N	B
N2+75W1+75	1	4	N	B
N2+75W2+00	1	4	N	B
N2+75W2+23	1	4	N	B
N2t75W2+30	1	4	N	B
N3+00E0+25	1	4	N	B
N3+00E0+50	1	4	N	B
N3+00E0+75	1	4	N	B
N3+00E1+00	1	4	N	B
N3+00E1+25	1	4	N	B
N3+00E1+50	1	4	N	B
N3+00E1+75	1	4	N	B
N3+00E2+00	1	4	N	B
N3+00E2+25	1	4	N	B
N3+00E2+50	1	4	N	B
N3+00E2+75	1	4	N	B
N3+00E3+00	1	4	Y	B
N3+00E3+25	1	4	Y	B
N3+00E3+50				B
N3+00W0+00	1	4	N	B
N3+00W0+25	1	4	N	B
N3+00W0+50	1	4	N	B
N3+00W0+75	1	4	N	B
N3+00W1+00	1	4	N	B
N3+00W1+25	1	4	N	B
N3+00W1+50	1	4	N	B
N3+00W1+75	1	4	N	B
N3+00W2+00	1	4	N	B
N3+00W2+25	1	4	N	B
N3+00W2+50	1	4	N	B
N3+25E0+25	1	4	N	B
N3+25E0+50	1	4	N	B
N3+25E0+75	1	4	N	B

SITE 11

GRID COORDINATES	OVA (ppm)	RADIATION SURVEY (uR/h)	METAL DETECTOR (yes/no)	GRID
N3+25E1+00	1	4	Y	B
N3+25E1+25	1	J	N	B
N3+25E1+50	1	4	N	B
N3+25E1+75	1	4	N	B
N3+25E2+00	1	4	N	B
N3+25E2+25	1	4	N	B
N3+25E2+50	1	4	N	B
N3+25E2+75	1	4	N	B
N3+25E3+00	1	4	N	B
N3+25E3+25	1	4	N	B
N3+25E3+50				B
N3+25W0+00	1	4	N	B
N3+25W0+25	1	4	N	B
N3+25W0+50	1	4	N	B
N3+25W0+75	1	4	N	B
N3+25W1+00	1	4	N	B
N3+25W1+25	1	4	Y	B
N3+25W1+50	1	4	N	B
N3+25W1+75	1	4	N	B
N3+25W2+00	1	4	N	B
N3+25W2+25	1	4	Y	B
N3+25W2t50	1	4	N	B
N3+50E0+25	1	4	N	B
N3+50E0+50	1	4	N	B
N3+50E0+75	1	4	N	B
N3+50E1+00	1	4	N	B
N3+50E1+25	1	4	N	B
N3+50E1+50	1	4	N	B
N3+50E1+75	1	4	N	B
N3+50E2+00	1	4	N	B
N3+50E2+25	1	4	N	B
N3+50E2+50	1	4	N	B
N3+50E2+75	1	4	N	B
N3+50E3+00	1	4	Y	B
N3+50E3+50				B
N3+50W0+00	1	4	N	B
N3+50W0+25	1	4	N	B
N3+50W0+50	1	4	N	B
N3+50W0+75	1	4	N	B
N3+50W1+00	1	4	N	B
N3+50W1+25	1	4	N	B
N3+50W1+50	1	4	Y	B
N3+50W1+75	1	4	N	B
N3+50W2+00	1	4	N	B
N3+50W2+23	1	6	N	B
N3+50W2t50	1	4	N	B
N3+75E0+25	1	4	N	B
N3+75E0+50	1	4	N	B

SITE 11

GRID COORDINATES	OVA (ppm)	RADIATION SURVEY (uR/h)	METAL DETECTOR (yes/no)	GRID
N3+75E0+75	1	4	N	B
N3+75E1+00	1	4	N	B
N3+75E1+25	1	4	N	B
N3+75E1+50	1	4	N	B
N3+75E1+75	1	4	N	B
N3+75E2+00	1	4	N	B
N3+75E2+25	1	4	N	B
N3+75E2+50	1	4	N	B
N3+75E2+75	1	4	N	B
N3+75E2+75				B
N3+75E3+00	1	4	N	B
N3+75E3+25				B
N3+75E3+50				B
N3+75W0+00	1	4	N	B
53+75W0+25	1	4	N	B
N3+75W0+50	1	4	N	B
N3+75W0+75	1	4	N	B
N3+75W1+00	1	4	N	B
N3+75W1+25	1	4	N	B
N3+75W1+30	1	4	N	B
N3+75W1+75	1	4	N	B
N3+75W2+00	1	4	N	B
N3+75W2+25	1	4	N	B
N3+75W2+50	1	4	N	B
N4+00E0+25	1	4	N	B
N4+00E0+50	1	4	N	B
N4+00E0+75	1	4	N	B
N4+00E1+00	1	4	N	B
N4+00E1+25	1	4	N	B
N4+00E1+50	1	4	N	B
N4+00E1+75	1	4	N	B
N4+00E2+00	1	4	Y	B
N4+00E2+25	1	4	N	B
N4+00E2+50	1	4	N	B
N4+00E2+75	1	4	Y	B
N4+00E3+00	1	4	N	B
N4+00E3+25				B
N4+00E3+50				B
N4+00W0+00	1	4	N	B
N4+00W0+25	1	4	N	B
N4+00W0+50	1	4	N	B
N4+00W0+75	1	4	N	B
N4+00W1+00	1	4	N	B
N4+00W1+25	1'	4	N	B
N4+00W1+50	1	4	N	B
N4+00W1+75	1	4	N	B
N4+00W2+00	1	4	N	B
N4+00W2+25	1	4	N	B

SITE 11

GRID COORDINATES	OVA (ppm)	RADIATION SURVEY (uR/h)	METAL DETECTOR (yes/no)	GRID
N4+00W2+50	1	3	N	B
N4+25E0+25	1	4	N	B
N4+25E0+50	1	4	N	B
N4+25E0+75	1	4	N	B
N4+25E1+00	1	4	N	B
N4+25E1+25	1	4	N	B
N4+25E1+50	1	4	N	B
N4+25E1+75	1	4	N	B
N4+25E2+00				B
N4+25E2+25	1	4	N	B
N4+25E2+50	1	4	N	B
N4+25E2+75	1	4	N	B
N4+25E3+00				B
N4+25E3+25				B
N4+25W0+00	1	4	N	B
N4+25W0+25	1	4	N	B
N4+25W0+50	1	4	N	B
N4+25W0+75	1	4	N	B
N4+25W1+00	1	4	N	B
N4+25W1+25	1	4	N	B
N4+25W1+50	1	4	N	B
N4+25W1+75	1	4	N	B
N4+25W2+00	1	4	N	B
N4+25W2+25	1	4	N	B
N4+25W2+50	1	4	N	B
N4+50E0+25	1	4	N	B
N4+50E0+50	1	4	N	B
N4+50E0+75	1	3	N	B
N4+50E1+00	1	4	N	B
N4+50E1+25	1	4	Y	B
N4+50E1+50	1	4	N	B
N4+50E1+75	1	6	Y	B
N4+50E2+00	1	4	N	B
N4+50E2+25	1	4	N	B
N4+50E2+50	1	4	N	B
N4+50E2+75	1	4	N	B
N4+50E3+00	1	4	Y	B
N4+50E3+50				B
N4+50W0+00	1	4	N	B
N4+50W0+23	1	4	N	B
N4+50W0+50	1	4	N	B
N4+50W0+75	1	4	N	B
N4+50W1+00	1	4	N	B
N4+50W1+25	1	4	N	B
N4+50W1+50	1	4	N	B
N4+50W1+75	1	4	N	B
N4+30W2+00	1	4	N	B
N4+50W2+23	1	4	N	B

SITE 11

GRID COORDINATES	OVA (ppm)	RADIATION SURVEY (uR/h)	METAL DETECTOR (yes/no)	GRID
N4+50W2+50	1	4	N	B
N4+75E0+25	1	4	N	B
N4+75E0+50	1	4	N	B
N4+75E0+75	1	4	N	B
N4+75E1+00	1	4	N	B
N4+75E1+25	1	4	N	B
N4+75E1+50	1	4	N	B
N4+75E1+75				B
N4+75E2+00				B
N4+75E2+25	1	4	Y	B
N4+75E2+50	1	4	N	B
N4+75E2+73	1	4	N	B
N4+75E3+00			N	B
N4+75W0+00	1	4	N	B
N4+75W0+25	1	4	N	B
N4+75W0+30	1	4	N	B
N4+75W0+75	1	4	N	B
N4+75W1+00	1	4	N	B
N4+75W1+25	1	4	N	B
N4+75W1+50	1	7	N	B
N4+75W1+75	1	7	N	B
N4+75W2+00	1	4	N	B
N4+75W2+25	1	4	N	B
N4+75W2+50	1	4	N	B
N5+00E0+25	1	4	N	B
N5+00E0+30	1	4	N	B
N5+00E0+75	1	4	N	B
N5+00E1+00	1	4	N	B
N5+00E1+25	1	4	N	B
N5+00E1+50	1	4	N	B
N5+00E1+75	1	4	Y	B
N5+00E2+00	1	4	N	B
N5+00E2+25	1	4	N	B
N5+00E2+50	1	4	N	B
N5+00E2+75	1	4	N	B
N5+00E3+00	1	4	N	B
N5+00E3+50				B
N5+00W0+00	1	4	N	B
N3+00W0+25	1	4	N	B
N5+00W0+50	1	4	N	B
N5+00W0+73	1	4	N	B
N5+00W1+00	1	4	N	B
N5+00W1+25	1	4	N	B
N5+00W1+50	1	7	N	B
N5+00W1+75	1	7	N	B
N5+00W2+00	1	4	N	B
N5+00W2+25	1	4	N	B
N3+00W2+50	1	4	N	B

SITE 11

GRID COORDIYATES	OVA (ppm)	RADIATION SURVEY (uR/h)	METAL DETECTOR (yes/no)	GRID
N5+25E0+25	1	4	N	B
N5+25E0+50	1	4	N	B
N5+25E0+75	1	4	N	B
N5+25E1+00	1	4	N	B
N5+25E1+25	1	4	Y	B
N5+25E1+50	1	4	N	B
N5+25E1+75	1	4	N	B
N5+25E2+00	1	4	N	B
N5+23E2+23	1	4	N	B
N5+25E2+50	1	4	N	B
N5+25E2+75	1	4	N	B
N5+25E3+00	1	4	N	B
N5+25W0+00	1	4	N	B
N5+25W0+23	1	4	N	B
N5+25W0+50	1	4	N	B
N5+25W0+75	1	4	N	B
N5+25W1+00	1	4	N	B
N5+25W1+25	1	4	N	B
N5+25W1+50	1	7	N	B
N3+25W1+75	1	7	N	B
N5+25W2+00	1	4	N	B
N5+25W2+23	1	4	N	B
N5+25W2+50	1	4	N	B
N5+50E0+25	1	4	N	B
N5+50E0+50	1	4	N	B
N5+50E0+75	1	4	N	B
N5+50E1+00	1	4	N	B
N5+50E1+25	1	4	N	B
N5+50E1+50	1	4	N	B
N5+50E1+75	1	4	N	B
N5+50E2+00	1	4	N	B
N5+50E2+25	1	4	N	B
N5+50E2+50	1	4	N	B
N5+50E2+75	1	4	N	B
N5+50E3+00	1	4	N	B
N5+50W0+00	1	4	N	B
N5+50W0+25	1	4	N	B
N5+30W0+30	1	4	N	B
N5+50W0+75	1	4	N	B
N3+50W1+00	1	4	N	B
N3+30W1+25	1	4	N	B
N5+50W1+50	1	7	N	B
N5+30W1+73	1	7	N	B
N3+50W2+00	1	4	N	B
N5+30W2+23	1	4	N	B
N5+50W2+50	1	4	N	B
N5+75W0+00	1	4	N	B
N5+75W0+2j	1	4	N	B

SITE 11

GRID COORDINATES	OVA (ppm)	RADIATION SURVEY (uR/h)	METAL DETECTOR (yes/no)	GRID
N5+75W0+50	1	4	N	B
N3+75W0+75	1	4	N	B
N5t75W1+00	1	4	N	B
N5+75W1+25	1	4	N	B
N5+75W1+50	1	7	N	B
N5+75W1+75	1	7	N	B
N5+75W2t00	1	4	Y	B
N5+75W2+25	1	4	N	B
N5+75W2+30	1	4	N	B
N6+00E0+50				B
N6+00E1+00				B
N6+00E1+50				B
N6+00E2+00				B
N6+00E2+50				B
N6+00W0+00	1	3	N	B
N6+00W0+25	1	4	N	B
N6+00W0+50	1	[illegible]	N	B
N6+00W0+75	1	4	N	B
N6+00W1+00	1	4	N	B
N6+00W1+23	1	4	N	B
N6+00W1+50	1	7	N	B
N6+00W1+75	1	7	N	B
N6t00W2+00	1	4	N	B
N6+00W2+25	1	4	N	B
N6+00W2+50	1	4	N	B
N6+25W0+00	1	4	N	B
N6+25W0+25	1	4	N	B
N6+25W0+50	1	4	N	B
N6+25W0+75	1	4	N	B
S6+25W1+00	1	4	N	B
S6t25W1+25	1	4	N	B
N6+25W1+50	1	9	N	B
N6+25W1+75	1	6	N	B
N6+25W2+00	1	4	N	B
N6+25W2+25	1	4	N	B
N6+25W2+50	1	[illegible]	N	B
N6+50W0+00	1	4	N	B
N6+50W0+25	1	4	N	B
N6+50W0+50	1	4	N	B
N6+50W0+75	1	4	N	B
N6+50W1t00	1	[illegible]	N	B
N6+50W1+25	1	4	N	B
N6+50W1+50	1	4	N	B
N6+50W1+75	1	7	N	B
N6+50W2+00	1	[illegible]	N	B
N6+50W2+25	1	4	N	B
N6+50W2+50	1	4	N	B
N6+75W0+00	1	4	N	B

SITE 11

GRID COORDINATES	OVA (ppm)	RADIATION SURVEY (uR/h)	METAL DETECTOR (yes/no)	GRID
N6t75W0+25	1	4	N	B
N6+75W0t50	1	4	N	B
N6t75W0t75	1	4	N	B
N6+75W1+00	1	4	N	B
N6+75W1+25	1	4	N	B
N6+75W1+50	1	9	N	B
96+75W1t75	1	4	N	B
N6+75W2+00	1	4	N	B
N6+75W2+25	1	4	N	B
N6+73W2t50	1	4	N	B
N7+00W0+00	1	4	N	B
N7t00W0+25	1	4	N	B
N7+00W0+50	1	4	N	B
N7+00W0+75	1	4	N	B
N7+00W1+00	1	4	N	B
N7+00W1+25	1	4	N	B
N7+00W1+50	1	7	N	B
N7+00W1+75	1	4	N	B
N7+00W2+00	1	4	N	B
N7+00W2t25	1	4	N	B
N7+00W2+50	1	4	N	B
N7+25W0+00	1	4	N	B
N7+25W0+25	1	4	N	B
N7+25W0+50	1	4	N	B
N7+25W0+75	1	4	N	B
N7+25W1+00	1	4	N	B
N7+25W1+25	1	3	N	B
N7+25W1+50	1	4	N	B
N7+25W1+75	1	4	N	B
N7+25W2+00	1	4	N	B
N7+25W2+25	1	4	N	B
N7+25W2+50	1	4	N	B
N7+50W0+00	1	4	N	B
N7+50W0t25	1	4	N	B
N7+50W0+50	1	3	N	B
N7t50W0t75	1	4	N	B
N7t50W1+00	1	4	N	B
S7t30W1t25	1	4	N	B
N7+50W1+50	1	6	N	B
N7+50W1t75	1	6	N	B
N7+50W2+00	1	4	N	B
N7+50W2+25	1	4	N	B
N7+50W2+50	1	4	N	B
N7t75W0t00	1	4	N	B
N7+75W0+25	1	4	N	B
N7t75W0t30	1	4	N	B
S7t75W0+73	I	4	N	B
N7+75W1+00	1	4	N	B

SITE 11

GRID COORDINATES	OVA (ppm)	RADIATION SURVEY (uR/h)	METAL DETECTOR (yes/no)	GRID
N7+75W1+25	1	4	N	B
N7+75W1+50	1	9	N	B
N7+75W1+75	1	9	N	B
N7+75W2+00	1	4	N	B
N7+75W2+25	1	4	N	B
N7+75W2+50	1	a	N	B
N8+00W0+00	1	4	N	B
N8+00W0+25	1	4	N	B
N8+00W0+50	1	4	N	B
N8+00W0+75	I	4	N	B
N8+00W1+00	1	4	N	B
N8+00W1+25	1	4	N	B
N8+00W1+50	1	4	N	B
N8+00W1+75	1	9	N	B
N8+00W2+00	1	4	N	B
N8t00W2+25	1	4	I;	B
S8+00W2+50	1	4	N	B
N8+23W0+00	1	4	N	B
N8+25W0+25	1	4	N	B
N8+25W0+50	1	4	N	B
N8+25W0+75	1	4	N	B
N8+25W1+00	1	4	N	B
S8+25W1+25	1	4	N	B
N8+25W1+50	1	4	N	B
N8+25W1+75	1	9	N	B
N8+25W2+00	1	4	N	B
N8+25W2+25	1	4	N	B
N8+25W2+50	1	4	N	B
N8+50W0+00	1	4	N	B
N8+50W0+25	1	a	N	B
N8+30W0+30	1	4	N	B
N8+50W0+75	1	4	N	B
N8+50W1+00	1	4	Y	B
N8+50W1+25	1	4	N	B
N8+50W1+50	1	4	N	B
N8+50W1+75	1	9	N	B
N8+50W2+00	1	4	N	B
N8+50W2+25	1	4	N	B
N8t50W2+50	1	4	N	B
S0+00W0+00	1	J	N	B
S0+00W0+25	1	6	N	B
S0+00W0+50	1	4	Y	B
S0+00W0+73	1	4	N	B
S0+00W1+00	1	4	N	B
S0+00W1+25	1	4	N	B
S0+00W1+50	1	4	N	B
S0+00W1+75	1	J	N	B
S0+00W2+0p	1	4	Y	B

SITE 11

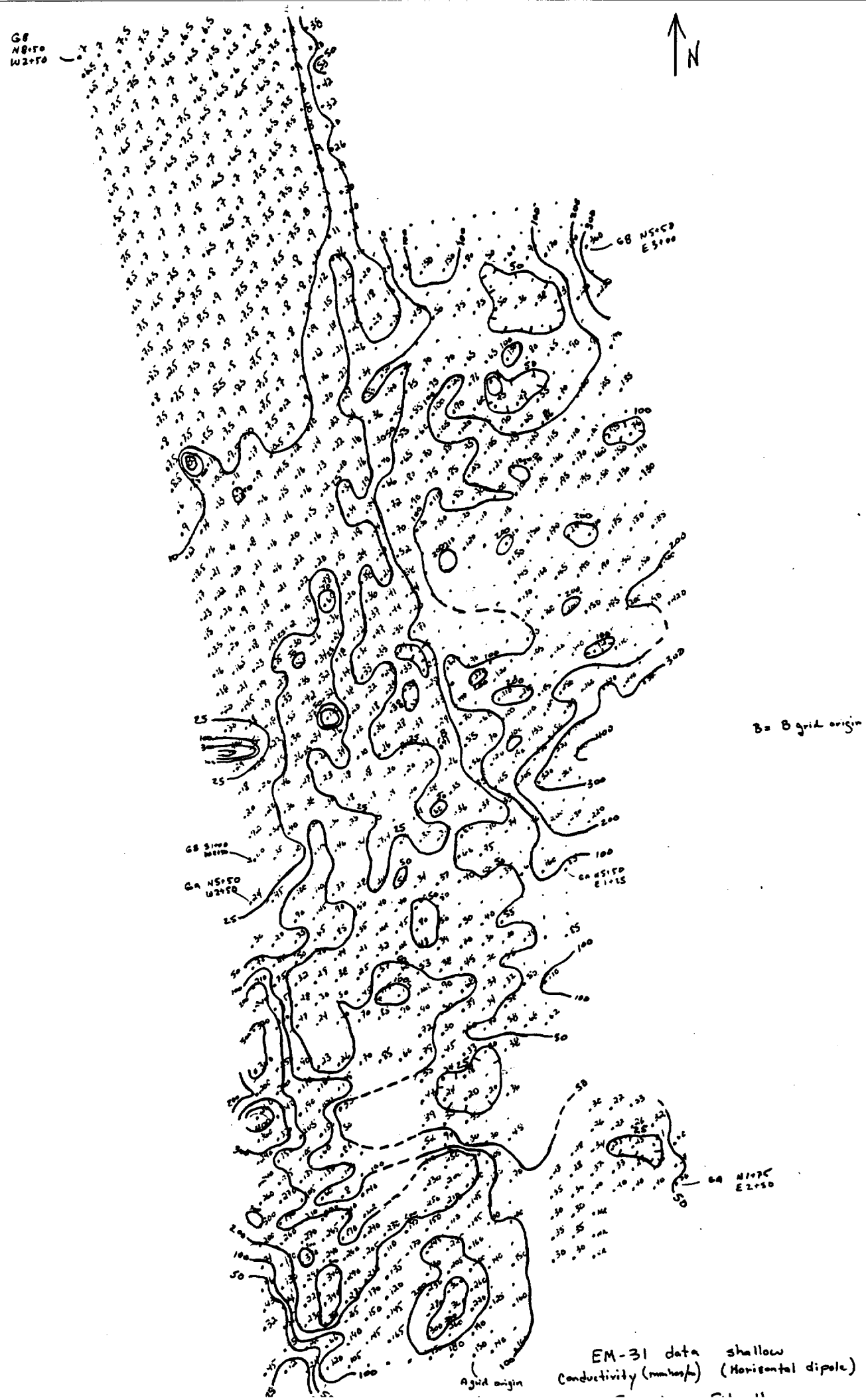
GRID COORDINATES	OVA (ppm)	RADIATION SURVEY (uR/h)	METAL DETECTOR (yes/no)	GRID
S0+00W2+25	1	4	N	B
S0+00W2+50	1	4	Y	B
S0+25E0+25	1	4	N	B
S0+25E0+50	1	4	N	B
S0+25E0+75	1	4	Y	B
S0+25E1+00	1	4	N	B
S0+25E1+25	1	4	N	B
S0+25E1+50	1	15	N	B
S0+25E1+75				B
S0+25W0+00	1	4	N	B
S0+25W0+23	1	4	N	B
S0+25W0+50	1	4	N	B
S0+25W0+75	1	4	N	B
S0+25W1+00	1	4	N	B
S0+25W1+25	1	4	N	B
S0+25W1+50	1	4	N	B
S0+25W1+75	1	4	N	B
S0+25W2+00	1	4	N	B
S0t25W2t25	1	4	Y	B
S0+25W2+30	1	4	N	B
S0+50E0+25	1	4	N	B
S0+50E0+50	1	4	Y	B
S0+50E0+75	1	3	N	B
S0+50E1+00	1	4	Y	B
S0+50E1+25	1	6	N	B
S0+50E1+50				B
S0+50W0+00	1	4	N	B
S0+50W0+23	1	4	N	B
S0+50W0+50	1	4	Y	B
S0+50W0+75	1	4	N	B
S0+50W1+00	1	4	N	B
S0+50W1+25	1	4	N	B
S0+50W1+50	1	4	N	B
S0+50W1+75	1	4	N	B
S0+50W2+00	1	4	Y	B
S0+50W2+25	1	4	N	B
S0+50W2+50	1	4	N	B
S0+75E0+25	1	4	N	B
S0+75E0+50	1	4	N	B
S0+75E0+75	1	4	N	B
S0+75E1+00	1	4	N	B
S0+75E1+25	1	4	Y	B
S0+75E1+50	1	6	N	B
S0+75E1+75	1	11	N	B
S0+75W0t00	1	4	N	B
S0+75W0+23	1	4	N	B
S0+75W0+30	1	4	N	B
S0+75W0+75	1	4	N	B

SITE 11

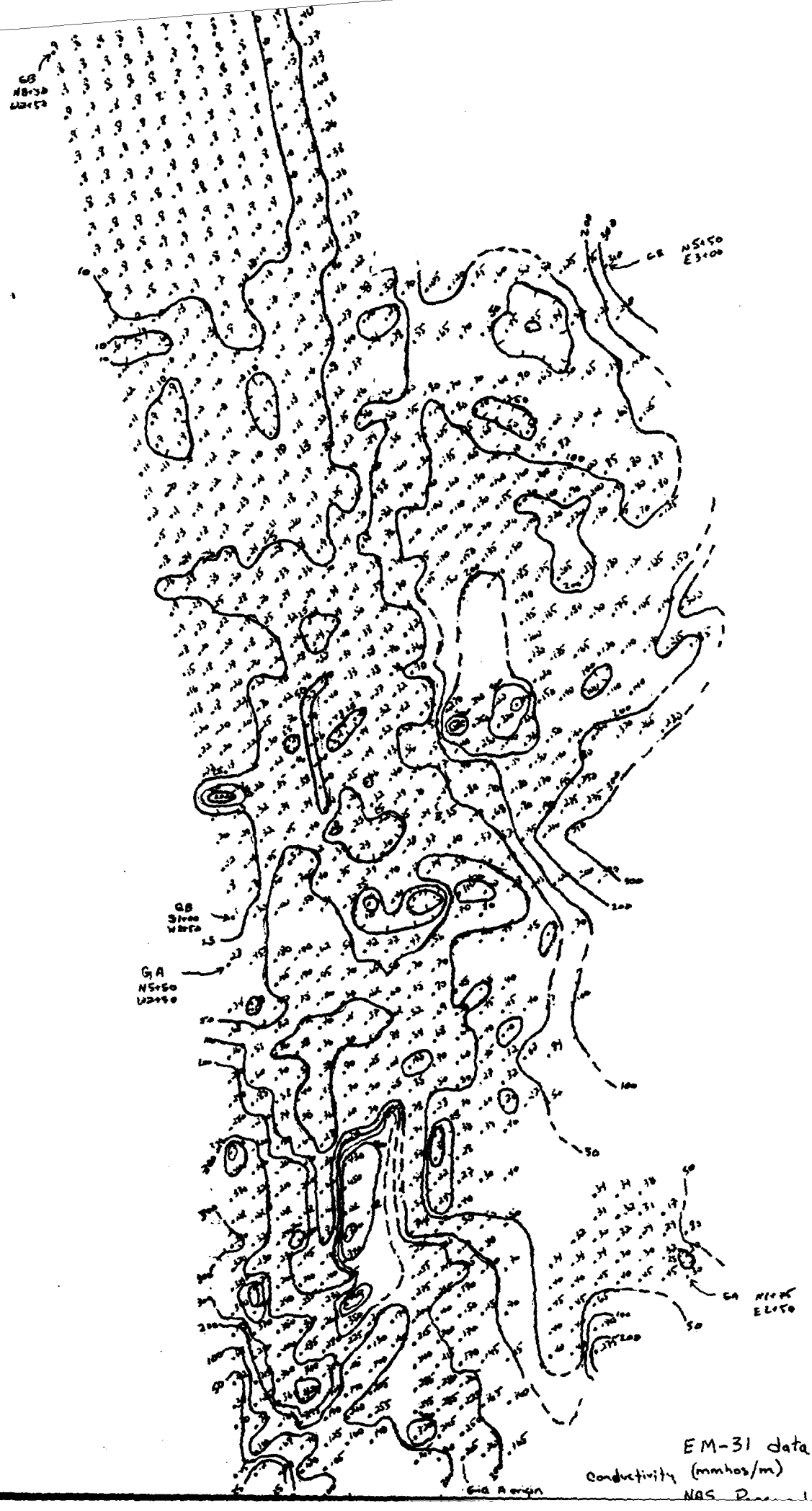
GRID COORDINATES	OVA (ppm)	RADIATION SURVEY (uR/h)	METAL DETECTOR (yes/no)	GRID
S0+75W1+00	1	4	N	B
S0+75W1+25	1	a	N	B
S0+75W1+50	1	4	N	B
S0+75W1+75	1	4	N	B
S0+75W2+00	1	1	Y	B
S0+75W2+25	1	4	N	B
S0+75W2+30	1	4	N	B
S1+00E0+25	1	4	N	B
S1+00E0+50	1	8	N	B
S1+00E0+75	1	6	N	B
S1+00E1+00	1	4	Y	B
S1+00E1+25	1	7	Y	B
S1+00E1+50	1	7	Y	B
S1+00E1+73				B
S1+00E2+00				B
S1+00E2+25				B
S1+00E2+50				B
S1+00W0+00	1	4	N	B
S1+00W0+23	1	4	N	B
S1+00W0+30	1	4	N	B
S1+00W0+75	1	4	N	B
S1+00W1+00	1	4	N	B
S1+00W1+25	1	4	N	B
S1+00W1+50	1	4	Y	B
S1+00W1+75	1	4	Y	B
S1+00W2+00	1	4	N	B
S1+00W2+25	1	4	N	B
S1+00W2+50	1	4	N	B
W0+00N8+50	1	3	N	B

APPENDIX C

EM-31 SURVEY DATA



EM-31 data shallow
Conductivity (mmhos/m) (Horizontal dipole)



EM-31 data deep
conductivity (mmhos/m) (vertical dipole)
NAS Pensacola Site 11

SITE. 11

GRID COORDISATES	EM-31 SHALLOW (mmhos/m)	EM-31 DEEP (mmhos/m)	EM-31 SHALLOW 90 (mmhos/m)	EM-31 DEEP 90 (mmhos/m)	GRID
E0+00N4+25		60			A
E0+00N4+50	45	60			A
E0+00N4+75	40	50			X
E0+00N5+00	30	45			A
E0+00N5+25					A
E0+00N5+50	40	40			A
E0+00N5+75		70			A
N0+00E0+00	130	213	140	135	A
N0+00E0+25	140	265	140	210	A
N0+00E0+50	100	165	120	163	A
N0+00W0+75					A
N0t00W1t00					A
N0+00W1+23					A
N0+00W1+50	NR	105			A
N0+00W1+73	135	120			A
N0t00W2+00	140	24			A
N0+00W2+25	100	12			A
N0t00W2t50	65	45			A
N0+25E0+00	190	250	170	235	A
N0+25E0+25					A
N0+25E0+50					A
N0t25W0+75					A
N0+25W1+00	165	190	135	165	A
N0+25W1+25	145	160			A
NO+25W1+50	190	125			A
N0+25W1+75	66	40			X
N0+25W2+00	NR	69			A
N0+25W2+00	230	165			A
N0+25W2+25	45	110			A
N0+23W2+50					X
N0+50E0+00	220	225	180	195	A
N0+50E0+25	125	165	120	155	A
N0+50E0+50	160	160	165	165	A
N0t50M0t75					A
N0+50W1+00	145	255			A
N0+50W1+25	150	210			A
N0+50W1+50	165	190			A
N0+30W1+75	365	295			A
N0+50W2+25	35	70			A
N0+50W2+50	32	30			A
N0+75E0+00	260	265	190	225	A
N0+75E0+25					A
N0+75E0+50					A
N0+75W0+73					A
N0+75W1+00	120	205			X
N0+75W1+23	170	140			A
N0+75W1+50	280	310			A
N0+75W1+75	340	430			A

SITE 11

GRID COORDINATES	EM-31 SHALLOW (mmhos/m)	EM-31 DEEP (mmhos/m)	EM-31 SHALLOW 90 (mmhos/m)	EM-31 DEEP 90 (mmhos/m)	GRID
N0+75W2+00	220	360			A
N0+75W2+25	44	125			X
N0+75W2+50	43	37			A
N1+00E0+00	200	170	185	165	A
N1+00E0+25	140	145	143	145	A
N1+00E0+50	150	115			A
N1+00E1+00	30	40			A
N1+00E1+25	30	40			A
N1+00E1+50	NR	275			A
N1+00W0+75					A
N1+00W1+00	133	140			A
N1+00W1+25	210	105			A
N1+00W1+50	290	340			A
N1+00W2+00	230	360			A
N1+00W2+25	130	113			A
N1+00W2+50	46	42			A
N1+25E0+00	160	170	150	170	A
N1+25E0+25					A
N1+23E1+00	33	40			A
N1+25E1+25	35	40			A
N1+25E1+50	NR	190			A
N1+25W0+75	170	160			A
N1+25W1+00	110	130			A
N1+25W1+25	205	223			A
N1+25W1+50	260	280			A
N1+25W1+75	240	233			X
N1+25W2+00	330	400			A
N1+25W2+25	180	210			A
N1+25W2+50	71	62			A
N1+50E0+00	145	150	180	160	A
N1+50E0+25	110	115			A
N1+50E0+50	100	90	115	95	A
N1+50E0+75					A
N1+50E1+00	30	45			A
N1+50E1+25	30	43			A
N1+50E1+50	NR	63			A
N1+50E1+75					A
N1+50E2+00					A
N1+50E2+25					A
N1+50E2+50					A
N1+50E3+00					X
N1+50E3+30					A
N1+50W0+73	195	190			A
N1+50W1+00	230	210			A
N1+50W1+25	230	350			A
N1+50W1+50	190	260			A
N1+30W1+75	265	310			A
N1+50W2+00	270	330			A

SITE 11

GRID COORDINATES	EM-31 SHALLOW (mmhos/m)	EM-31 DEEP (mmhos/m)	EM-31 HALLOW 90 mmhos/m)	EM-31 DEEP 90 (mmhos/m)	GRID
N1+50W2+25	260	370			A
N1+50W2+50	200	185			A
N1+75E0+00	145	170	150	175	A
N1+75E0+25					A
N1+75E0+50					A
N1+75E1+00	35	40			A
N1+75E1+25	30	40			A
N1+75E1+50	40	45			A
N1+75E1+75	40	40			A
N1+75E2+00	40	45			A
N1+75E2+25	40	45			A
N1+75E2+50	50	30			A
N1+75W0+75	BLDG	BLDG			A
N1+75W1+00	BLDG	BLDG			A
N1+75W1+25	NR	860			A
N1+75W1+50	210	230			A
N1+75W1+75	220	255			A
N1+75W2+00	210	290			A
N1+75W2+25	190	460			A
N1+75W2+50	300	370			A
N2+00E0+00	200	205	130	185	A
N2+00E0+25	130	160			A
N2+00E0+50	70	70			A
N2+00E1+00	27	34			A
N2+00E1+25	28	34			A
N2+00E1+50	37	34			A
N2+00E1+75	33	30			A
N2+00E2+00	27	30			A
N2+00E2+25	25	32			A
N2+00E2+50	37	20			A
N2+00E3+00					A
N2+00E3+50					A
N2+00W1+00					A
N2+00W1+25	140	135			A
N2+00W1+50	8	140			A
N2+00W1+75	60	140			A
N2+00W2+00	205	200			A
N2+00W2+25	270	575			A
N2+00W2+50	260	380			A
N2+25E0+00	210	110	185	85	A
N2+25E0+25	105	80	75	80	A
N2+25E0+50					A
N2+25E1+25	28	32			A
N2+25E1+50	34	30			A
N2+25E1+75	25	32			A
N2+25E2+00	25	29			A
N2+25E2+25	21	29			A
N2+25E2+50	60	80			A

SITE 11

GRID COORDINATES	EM-31 SHALLOW (mmhos/m)	EM-31 DEEP (mmhos/m)	EM-31 SHALLOW 90 (mmhos/m)	EM-31 DEEP 90 (mmhos/m)	GRID
N2+25W1+25	BLDG	390			A
N2+25W1+30	120	110			A
N2+25W1+73	150	145			X
N2+25W2+00	135	230			A
N2+25W2+23	215	230			X
N2+25W2+50	240	320			A
N2+50E0+00	30	50			A
N2+50E0+25	30	50			A
N2+50E0+50	45	50			A
N2+50E1+00					A
N2+50E1+50	26	37			A
N2+30E1+73	27	32			A
N2+50E2+00	26	37			A
N2+50E2+25	32	17			A
N2+50E2+50					A
N2+50E3+00					A
N2+50E3+50					A
N2+50W1+00					A
N2+30W1+25	BLDG	720			A
N2+30W1+50	85	80			A
N2+50W1+73	60	340			A
N2+50W2+00	100	290			X
N2+50W2+25	150	320			A
N2+30W2+50	240	220			A
N2+75E0+00	35	40			A
N2+75E0+25					A
N2+75E0+50					A
N2+75E2+00	33	38			A
N2+75E2+25					X
N2+75E2+50					A
N2+75W1+25	SR	NR			X
N2+75W1+50	SR	NR			A
N2+75W1+75	NR	NR			A
N2+75W2+00	NR	NR			A
N2+75W2+25	NR	NR			X
N2+75W2+50	NR	NR			A
N3+00E0+00	20	27			A
N3+00E0+25	20	30			A
N3+00E0+50	36	40			A
N3+00E2+25					A
N3+00E2+50					A
N3+00E3+00					A
N3+00W1+00					A
N3+00W1+25	NR	450			A
N3+00W1+30	30	60			A
N3+00K1+73	150	220			A
N3+00W2+00	203	210			A
N3+00W2+25	320	320			A

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GRID COORDINATES	EM-31 SHALLOW (mmhos/m)	EM-31 DEEP (mmhos/m)	EM-31 SHALLOW 90 (mmhos/m)	EM-31 DEEP 90 (mmhos/m)	GRID
N3+00W2+50	360	330			A
N3+25E0+00	18	28			A
N3+25E0+25					A
N3+25E0+50					A
N3+25W1+25	NR	430			A
N3+25W1+50	35	80			A
N3+25W1+75	100	270			A
N3+25W2+00	190	260			A
N3t25W2+25	340	330			A
N3+25W2+50	460	400			A
N3+50E0+00	33	38			A
N3+50E0+25	20	33			A
N3+50E0+50	38	40			A
N3+50W1+00					A
N3t50W1+25	NR	210			A
N3+50W1+50	175	28			A
N3+50W1+75	160	60			A
N3+50W2+00	170	150			A
N3+50W2+25	200	300			A
N3+50W2+50	200	590			A
N3+75E0+00	50	70			A
N3+75E0+25	70	60			X
N3+75E0+50	58	20			A
S3+75E0+75	68	27			X
N3+75W1+00	85	70			A
N3+75W1+25	70	60			A
N3+75W1+50	26	36			A
N3+75W1+75	23	38			A
N3+75W2+00	90	74			A
N3+75W2+25	250	200			A
N3+75W2+50	340	250			A
N4+00E0+00	39	50			A
N4+00E0+25	34	27			A
N4+00E0+50	58	32			A
N4+00E0+75					A
N4+00W0+25	50	50			A
N4+00W0+50	90	85			A
N4+00W0+75	90	65			A
N4+00W1+00	85	50			A
N4+00K1+25	70	70			.I
N4+00W1+50	SO	43			A
N4+0uW1+75	24	SO			A
N4+00W2+00	47	58			A
N4+00W2+23	260	185			'A
N4+00W2+50	320	230			A
N4t25E0t00					A
N4+25E0+25	68	60			A
N4+25E0+50	37	35			A

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GRID COORDINATES	EM-31 SHALLOW (mmhos/m)	EM-31 DEEP (mmhos/m)	EM-31 SHALLOW 90 (mmhos/m)	EM-31 DEEP 90 (mmhos/m)	GRID
N4+25E0+75	32	32			A
N4+25E1+00	50	67			A
N4+25E1+25	110	84			A
N4+25W0+25	90	90			A
N4+25W0+50	SR	165			A
N4+25W0+75	115	64			A
N4+25W1+00	115	123			A
N4+25W1+23	45	90			X
N4+25W1+30	50	38			A
N4+25W1+75	30	50			A
N4+25W2+00	28	70			A
N4+25W2+25	115	60			A
N4+25W2+50	245	280	300	340	A
N4+50E0+25	30	40			A
N4+50E0+50	55	10			X
N4+50E0+75					A
N4+50E1+00					X
N4+50W0+25	38	68			A
N4+50W0+50	53	54			A
N4+30W0+75	68	84			A
N4+50W1+00	57	50			A
N4+50W1+25	25	50			A
N4+50W1+50	38	36			A
N4+50W1+75	29	28			A
N4+50W2+00	32	36			A
N4+50W2+25	73	51			A
N4+50W2+50	210	160	260	180	A
N4+75E0+25	30	45			A
N4+75E0+50	40	45			A
N4+75E0+75	45	40			A
N4+75W0+25	39	69			A
N4+75W0+50	48	32			A
N4+75W0+75	NR	NR			A
N4+75W1+00	32	37			A
N4+75W1+25	21	41			A
N4+75W1+50	44	40			A
N4+75W1+75	40	42			A
N4+75W2+00	50	52			A
N4+75W2+25	NR	NR			A
N4+75W2+50	78	68			A
N5+00E0+25	40	55			A
N5+00E0+50	55	40			A
N5+00E0+75					A
N5+00E1+00					A
N5+00E1+23					A
N5+00E1+50					A
N5+00W0+25	S0	80			A
N3+00W0+50	80	75			A

SITE 11

GRID COORDINATES	EM-31 SHALLOW (mmhos/m)	EM-31 DEEP (mmhos/m)	EM-31 SHALLOW 90 (mmhos/m)	EM-31 DEEP 90 (mmhos/m)	GRID
N5+00W0+73	45	60			A
N5+00W1+00	NR	NR			A
N5+00W1+25	35	50			X
N5+00W1+50	85	100	115	100	A
N5+00W1+75	65	75			A
N5+00W2+00	35	40			A
N5+00W2+25	20	23			A
N3+00W2+30	30	34			A
N5+25E0+25					A
N5+25EO+30					A
N5+25W0+25	50	70			A
N5+25W0+50	60	90			A
N5+25W0+75	40	50			A
N5+25W1+00	40	65			A
N5+25W1+25	50	70			A
N5+25W1+50	90	95	145	205	A
N5+25W1+75	145	190	95	105	A
N5+25W2+00	30	105			A
N5+25W2+25					A
N5+25W2+50					A
N5+50E0+25	SO	40			A
N5+50E0+50	35	45			A
N5+50E0+75	60	45			A
N5+50E1+00	160	2			A
N5+50E1+25	85	70			A
N5+50E1+50					A
N5+50W0+25	37	36			A
N5+50W0+50	34	47			A
N5+50W0+75	50	47			A
N5+50W1+00	24	42			A
N5+50W1+25	28	54			A
N5+50W1+50	34	62			A
N5+50W1+75	110	140	125	150	A
N5+50W2+00	100	180			A
N5+50W2+25	45	45			A
N5+50W2+50	24	28			A
N5+75E0+25	60	70			A
N5+75E0+50	73	80			A
N5+75E0+75					A
N5+75W0+23					A
N5+75W0+50					A
N5+75W0+75					A
N5+75W1+00					A
N5+75W1+25					X
N5+75W1+50					A
N3+75W1+75					A
N5+75W2+00					A
N5+75W2+25					A

SITE 11

GRID COORDINATES	EM-31 SHALLOW (mmhos/m)	EM-31 DEEP (mmhos/m)	EM-31 SHALLOW 90 (mmhos/m)	EM-31 DEEP 90 (mmhos/m)	GRID
N5+75W2+50					A
W0+25N0+00	180	190			A
W0+25N0+25	260	245			X
W0+25N0+50	360	285			A
W0+25N0+75	360	280	200	240	A
W0+25N1+00	205	215			A
W0+25N1+25	225	200	130	220	A
W0+25N1+50	110	160	140	220	A
W0+25N1+75	210	235	160	230	A
W0+25N2+00	200	245	130	270	A
W0+25N2+25	285	250	193	275	A
W0+25N2+50	94	62			A
W0+25N2+73	21	35			'4
W0+25N3+00	24	22			A
W0+25N3t25	8	24			A
W0+25N3+50	45	8			A
W0+25N3+75	60	23			\
W0+50N0+00	150	165			A
W0+50N0+25	300	320			A
W0+50N0+50	280	235			A
W0+50N0+75	230	285	180	255	A
W0+50N1+00	170	210			A
W0+50N1+25	245	215	210	210	A
W0+50N1+50	150	200	150	195	A
W0+50N1+75	250	275	210	260	A
W0+50N2+00	230	255	230	235	A
W0+50N2+23	210	233	190	205	A
W0+50N2+50	54	74			A
W0+50N2+75	39	52			A
W0+50S3+00	47	54			A
W0+50N3+25	72	78			A
W0+50N3+50	79	71			A
W0+75N2+00					A
W0+75N2+25					X
W0+75N2+50					A
W0+75N2+75					A
W0+75N3+00					A
W0+75N3+25					A
W0+75N3+50					A
W0+75N3+75					A

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GRID COORDINATES	EM-31 SHALLOW (mmhos/m)	EM-31 DEEP (mmhos/m)	EM-31 SHALLOW 90 (mmhos/m)	EM-31 DEEP 90 (mmhos/m)	GRID
E0+25N5+50					B
E0+25N5+75	16	22			B
E0+25N6+00	18	26			B
E0+25N6+25	20	32			B
E0+25N6+50	20	33			B
E0+25N6+75	19	26			B
E0+25N7+00	26	38			B
E0+25N7+25	20	26			B
E0+25N7+50	32	38			B
E0+25N7+75	42	68			B
E0+25N8+00	53	33			B
E0+25N8+25	20	27			B
E0+25N8+50	38	40			B
N0+00E0+25	55	80			B
N0+00E0+50	70	90			B
N0+00E0+75	200	180	200	130	B
N0+00E1+00	135	170	135	170	B
N0+00E1+25	150	195	150	195	B
N0+00E1+50	340	250	300	260	B
N0+00E2+00					B
N0+00E2+50					B
N0+25E0+25	70	90			B
N0+25E0+50	68	74			B
N0+25E0+75	100	115	90	110	B
N0+25E1+00	110	130	105	133	B
N0+25E1+25	100	140	110	140	B
N0+25E1+50	160	180	160	170	B
N0+25W0+00	29	47			B
N0+25W0+25	37	46			B
N0+25W0+50	28	40			B
N0+25W0+75	26	56			B
N0+25W1+00	10	25			B
N0+25W1+25	26	60			B
N0+25W1+50	34	38			B
N0+25W1t75	30	35			B
N0+25W2+00	22	26			B
N0+25W2+25	350	200	400	150	B
N0+25W2+50	400	200	400	100	B
N0+50E0+25	140	140			B
N0+50E0+50	SR	230			B
N0+50E0+75	210	200			B
N0+50E1+00	260	280			B
N0+50E1+25	185	150			B
N0+50E1+50	230	160			B
N0+50E1+75	260	260			B
N0+50E2+00	320	320	300	300	B
N0+50E2+25	240	265	250	275	B
N0+50E2+50	300	280	260	130	B

SITE 11

GRID COORDISATES	EM-31 SHALLOW (mmhos/m)	EM-31 DEEP (mmhos/m)	EM-31 SHALLOW 90 (mmhos/m)	EM-31 DEEP 90 (mmhos/m)	GRID
N0+50W0+00	33	55			E
N0+50W0+25	30	56			B
N0+50W0+50	38	43			B
N0+50W0+75	18	44			B
N0+50W1+00	20	42			B
N0+50W1+25	150	50			B
N0+50W1+50	37	36			B
N0+50W1+75	55	42			B
N0+30W2+00	18	25			B
N0+50W2+25	28	13			D
N0+50W2+50	30	22			B
N0+75E0+25		600			a
N0+75E0+50	220	250			B
N0+75E0●73	120	320			B
N0+75E1+00	NR	NR			B
N0+75E1+25					B
N0+75E1+50					B
N0+75E1+75					B
N0+75E2+00					B
N0+75E2+25					B
N0+75E2+50					B
SO+75W0+00	28	50			B
N0+75W0+25	52	58			B
N0+75W0+50	24	32			B
N0+75W0+75	22	44			B
N0+75W1+00	18	2			B
N0+75W1+25	32	56			B
N0+75W1+50	42	24			B
N0+75W1+75	33	30			B
N0+75W2+00	19	22			B
N0+75W2+25	14.5	20			B
N0+75W2+30	20	22			B
N1+00E0+25	120	270			B
N1+00E0+30	90	240			B
N1+00E0+75	NR	SR			B
N1+00E1+00	NR	640			B
N1+00E1+25	105	150			B
N1+00E1+50	120	140			B
N1+00E1+75	140	100			B
N1+00E2+00	90	110			B
N1+00E2+25	110	140			B
N1+00E2+50					B
N1+00W0+00	22	38			B
N1+00W0+25	33	42			B
N1+00W0+30	24	32			B
N1+00W0+75	33	20			B
N1+00W1+00	14	48			B
N1+00W1+25	32	54			B

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GRID COORDINATES	EM-31 SHALLOW (mmhos/m)	EM-31 DEEP (mmhos/m)	EM-31 SHALLOW 90 (mmhos/m)	EM-31 DEEP 90 (mmhos/m)	GRID
N1+00W1t50	35	36			B
N1+00W1+75	22	25			B
N1+00W2+00	19	20			B
N1+00W2+25	21	20			B
N1+00W2t50	18	20			B
N1+25E0+25					B
N1+25E0+50					B
N1+25E0+75					B
N1+25E1+25	30	120			B
N1+25E1+50					B
N1+25E1+75					B
N1+25E2+00					B
N1+25E2+25					B
N1+25E2+50					B
N1+25E2+75					B
N1+25E3+00					B
N1+25W0+00	25	38			B
N1+25W0+25	21	32			B
N1+25W0+50	33	27			B
N1+25W0t75	30	31			B
N1+25W1+00	18	40			B
N1+25W1+25	34	52			B
N1+25W1+50	50	42			B
N1+25W1+75	35	36			B
N1t25W2+00	23	22			B
N1+25W2+25	16.5	18			B
N1+25W2+50	16	18			B
N1+50E0+25					B
N1+50E0+50					B
N1+50E0+75					B
N1+50E1+00					B
N1+50E1+25	100	130			B
N1+50E1+50	160	135			B
N1+50E1+75	200	165			B
N1+50E2+00	130	120			B
N1+50E2+25	183	110			B
N1+50E2+50	200	180			B
N1+50E2+75	190	215	190	210	B
N1+50E3+00	220	185	220	210	B
N1+30W0+00	71	90			B
N1+50W0+23	30	38			B
N1+50W0+50	47	38			B
N1+50W0+75	22	33			B
N1+50W1+00	26	50			B
N1+30W1t25	26	16			B
N1+50W1+50	30	40			B
N1+50W1t75	24	30			B
N1t50W2+00	18	20			B

SITE 11

GRID COORDINATES	EM-31 SHALLOW (mmhos/m)	EM-31 DEEP (mmhos/m)	EM-31 SHALLOW 90 (mmhos/m)	EM-31 DEEP 90 (mmhos/m)	GRID
N1+50W2+25	20	20			B
N1+50W2+50	13.5	16			B
N1+75E0+25					B
N1+75E0+50					B
N1+75E0+75					B
N1+75E1+00					B
N1+75E1+25	130	160	130	155	B
N1+75E1+50					B
N1+75E1+73					B
N1+75E2+00					B
N1+75E2+25					B
N1+75E2+50					B
N1+75E2+75					B
N1+75E3+00					B
N1+75W0+00	20	36			a
N1+75W0+25	44	46			B
N1+75W0+50	37	38			B
N1+75W0+75	19	31			B
N1+75W1+00	36	32			B
N1+75W1+25	16	28			B
N1+75W1+50	12	20			B
N1+75W1+75	19	20			B
N1+75W2+00	15	17			B
N1+75W2+25	16	18.5			B
N1+75W2+50	15	15			B
N2+00E0+75					B
N2+00E1+00					B
N2+00E1+25	120	195	135	185	B
N2+00E1+50	160	165	170	165	B
N2+00E1+75	163	180			B
N2+00E2+00	190	190	200	180	B
N2+00E2+25	190	175	170	170	B
N2+00E2+50	150	105			B
N2+00E2+75	150	140			B
N2+00E3+00	200	300			B
N2+00W0+00	24	42			B
N2+00W0+25	41	42			B
N2+00W0+50	36	38			B
N2+00W0+73	20	40			B
N2+00W1+00	60	24			B
N2+00W1+23	18	26			B
N2+00W1+50	16	21			B
N2+00H1+75	18	18			B
N2+00W2+00	9	22			B
N2+00W2+23	20	20			B
N2+00W2+50	23	18			B
N2+25E0+25					B
N2+25E0+50					B

SITE 11

GRID COORDINATES	EM-31 SHALLOW (mmhos/m)	EM-31 DEEP (mmhos/m)	EM-31 SHALLOW 90 (mmhos/m)	EM-31 DEEP 90 (mmhos/m)	GRID
N2+25E0+75					B
N2+25E1+00					B
N2+25E1+25	150	190	150	205	B
N2+25E1+50					B
N2+25E2+00					B
N2+25E2+25					B
N2+25E2+50					B
N2+25E2+75					B
N2+25E2+75					B
N2+25E3+00					B
N2+25W0+00	38	43			B
N2+25W0+25	24	40			B
N2+25W0+50	38	50			B
N2+25W0+75	20	24			B
N2+25W1+00	48	24			B
N2+25W1+25	22	32			B
N2+25W1+50	21	25			B
N2+25W1+75	14	19			B
N2+25W2+00	19	22			B
N2+25W2+23	22	23			B
N2+25W2+50	17	19			B
N2+50E0+25	NR	105			B
N2+50E0+50	210	150	60	135	B
N2+50E0+75	120	200	120	200	B
N2+50E1+00	NR	240			B
N2+50E1+25	210	185	120	170	B
N2+50E1+50	150	175	160	170	B
N2+50E1+75	170	205	165	200	B
N2+50E2+00	240	235	245	250	B
N2+50E2+25	210	180	190	160	B
N2+50E2+50	175	120	170	113	B
N2+50E2+75	150	125	140	120	B
N2+50E3+00	185	150			B
N2+50E3+50					B
N2+50W0+00	52	70			B
N2+50W0+25	20	39			B
N2+30W0+50	24	41			B
N2+50W0+75	13	34			B
N2+30W1+00	20	29.5			B
N2+50W1+25	22	29.3			B
N2+50W1+50	16	26			B
N2+50W1+73	21	28			B
N2+30W2+00	20	25			B
N2+50W2+25	21	23			B
N2+50W2+50	18.5	13			B
N2+75E0+25	130	75	50	51	B
N2+75E0+50	150	110	100	85	B
N2+75E0+75	125	130	125	150	B

SITE 11

GRID COORDINATES	EM-31 SHALLOW (mmhos/m)	EM-31 DEEP (mmhos/m)	EM-31 SHALLOW 90 (mmhos/m)	EM-31 DEEP 90 (mmhos/m)	GRID
N2+73E1+00	110	135	110	133	B
N2+75E1+25	113	150	113	150	B
N2+75E1+50					B
N2+75E1+75					B
N2+75E2+00					B
N2+75E2+25					B
N2+73E2+50					B
N2+75E2+75					B
N2t75E3+00					B
N2+75W0+00	70	94			B
N2+75W0+25	24	33			B
N2t75W0+30	18	30			B
N2+75W0+75	14	30			B
N2+75W1+0(3	16	36			B
N2+75W1+23	20	33			B
N2+75W1+30	16	33			B
N2+75W1+75	18	30			B
N2+75W2+00	16	33			B
N2+75W2+25	16	28			B
N2t75W2+50	12	26			B
N3+00E0+25	90	110	100	110	B
N3+00E0+50	110	160	100	160	B
N3+00E0+75	85	130			B
N3+00E1+00	30	110			B
N3+00E1+25	100	120			B
N3+00E1+50	100	140			B
N3+00E1+75	183	220	200	220	B
N3+00E2+00	195	220			B
N3+00E2+25	195	130	210	130	B
N3+00E2+50	150	105	150	30	B
N3+00E2+75	130	90	113	95	B
N3+00E3+00	130	123	110	105	B
N3+00E3+25					B
N3+00E3+50					B
N3+00W0+00	72	96	68	94	B
N3+00W0+25	34	68			B
S3+00W0+50	34	44			B
N3+00W0+73	13	19.3			B
N3+00W1+00	13	28			B
N3+00W1+25	16	28			B
N3+00W1+50	14	24			B
N3+00W1+73	14	30			B
N3+00W2+00	16	26			B
N3+00W2+25	14	24			B
N3+00W2+30	9	18			B
N3+25E0+25	80	110	80	110	B
N3+25E0+50	73	100	70	100	B
N3+25E0+75	83	110	80	110	B

SITE 11

GRID COORDISXTES	EM-31 SHALLOW (mmhos/m)	EM-31 DEEP (mmhos/m)	EM-31 SHALLOW 90 (mmhos/m)	EM-31 DEEP 90 (mmhos/m)	GRID
N3+25E1+00	105	130	110	130	B
N3+25E1+25	120	155	115	150	B
N3+25E1+50	210	230			B
N3+25E1+75	170	200			B
N3+25E2+00	160	190			B
S3+25E2+25	170	200			B
N3+25E2+50	160	140			B
N3+25E2+75	150	80	155	30	B
N3+23E3+00	110	SO			B
N3+25E3+25					B
N3+25E3+50					B
N3+25W0+00	66	92			B
N3+25W0+25	19	30			B
N3+25W0+50	32	44			B
N3+25W0+75	12	17			B
N3+25W1+00	16	20			B
N3+25W1+25	15	21.5			E
N3+25W1+50	16	20			B
N3+25W1+75	10	17			B
N3+25W2+00	13	18			B
N3+25W2+25	9.5	13.5			B
N3+25W2+50	6	15			B
N3+50E0+25	65	70			B
N3+50E0+50	70	100			B
N3+50E0+75	80	110	90	115	B
N3+50E1+00	95	130	100	135	B
N3+50E1+25	105	160			B
N3+50E1+50	145	160	125	155	B
N3+50E1+75	140	160	105	145	B
N3+50E2+00	115	110			B
N3+50E2+25	110	100			B
N3+50E2+50	100	85			B
N3+50E2+75	95	80			B
N3+50E3+00	76	87			B
N3+50E3+50					B
N3+30W0+00	10	38			B
N3+50W0+25	16	23			B
N3+50W0-30	20	25			B
N3-50W0+75	13	17			B
N3+50W1+00	16	18			B
3+50W1-25	14.5	13			B
N3+50W1+30	13	23			B
N3+50W1+75	11	10.3			B
N3-50W2t00	10.5	14			B
N3-50W2+25	3.3	11			B
N3+50W2+50	8.3	12			B
N3+75E0+23	33	60			B
N3+75E0+50	60	80			B

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GRID COORDIYXTES	EM-31 SHALLOW (mmhos/m)	EM-31 DEEP (mmhos/m)	EX-31 SHALLOW 90 (mmhos/m)	EM-31 DEEP 90 (mmhos/m)	GRID
N3+75E0+75	105	135			B
N3+75E1+00	120	165			B
N3+75E1+25	115	165			B
N3+75E1+50	90	110	85	110	B
N3+75E1+75	65	75			B
N3+75E2+00	86	82			B
N3+75E2+25					B
N3+75E2+50					B
N3+75E2+75					B
N3+75E2+75					B
N3+75E3+00					B
N3+75E3+25					B
N3+75E3+50					B
N3+75W0+00	30	50			B
N3+75W0+25	16	24			B
N3+75W0+50	22	24			B
N3+75W0+75	14	17.5			B
N3+75W1+00	12	14			B
N3+75W1+25	10.5	14.5			B
N3t75W1+50	17.5	14			B
N3+75W1+75	9.5	12			B
N3t75W2+00	11	12			B
N3+75W2+25	800	20			B
N3+75W2+50	7.5	11			B
N4+00E0+25	45	55			B
N4+00E0+50	55	75			B
N4+00E0+75	100	125			B
N4+00E1+00	90	125			B
N4+00E1+25	60	65			B
N4+00E1+50	45	50			B
N4+00E1+75	45	50			B
N4+00E2+00	55	60			B
N4+00E2+25	70	60			B
N4+00E2+SO	100	60			B
N4+00E2+75	105	60			B
N4+00E3+00	135	105			B
N4+00E3+25					B
N4+00E3+50					B
N4+00W0+00	36	40			B
N4+00W0+25	24	32			B
N4+00W0+50	22	25			B
N4+00W0+75	10	13			B
N4+00W1+00	9	10			B
N4+00W1+25	7.5	10.5			B
N4+00W1+S0	10	12.5			0
N4+00h1+73	3.3	12.5			B
N4+00W2+00	8.5	10			B
N4+00W2+25	7.5	11			B

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GRID COORDINATES	EM-31 SHALLOW (mmhos/m)	EM-31 DEEP (mmhos/m)	EM-31 SHALLOW 90 (mmhos/m)	EM-31 DEEP 90 (mmhos/m)	GRID
N4t00W2t50	8	11			B
N4+25E0+25	40	30			B
N4+25E0+50	75	95	90	95	B
N4+25E0+75	95	140			B
N4+25E1+00	100	80	35	80	B
N4+25E1+25	76	40			B
N4+25E1+50	18	42			B
N4+25E1+75					B
N4+25E2+00					B
N4+25E2+25					B
N4+25E2+50					B
N4+25E2+75					B
N4+25E3+00					B
N4+25E3+25					B
N4+25W0t00	50	56			B
N4+25W0+25	27	33			B
N4+25W0+50	20	22			B
N4+25W0+75	9	11.5			B
N4+25W1+00	12	1			B
N4+25W1+25	7.3	10			B
N4+25W1+50	9	11			B
N4t25W1+75	9	11			B
N4+25W2+00	7	9			B
N4+25W2+23	7	9			B
N4+25W2t50	7.5	11			B
N4+50E0+25	50	50			B
N4+50E0+50	46	50			B
N4+50E0+75	70	80			B
N4+50E1+00	70	70			B
N4+50E1+25	65	70			B
N4+50E1+50	65	60			B
N4+50E1+75	130	90	100	65	B
N4+50E2+00	80	65			B
N4+50E2+25	63	50			B
N4+50E2+50	90	65			B
N4+50E2+75	90	75			B
N4+50E3+00	190	140			B
N4+50E3+50					B
N4+50W0+00	31	46			B
N4+50W0+2j	[illegible]	32			B
N4+50W0+50	16	18			B
N4+50W0+75	9	13.3			B
N4t30W1+00	7	9			B
N4+50W1+25	7.5	10			B
N4+50W1+50	8.5	10.5			B
N4+50W1+75	8.5	10.5			B
N4+50W2+00	8	9			B
N4+50W2+2j	7.5	3.3			B

SITE 11

GRID COORDIXATES	Ell-31 SHALLOW (mmhos/m)	EM-31 DEEP (mmhos/m)	EM-31 SHALLOW 90 (mmhos/m)	EM-31 DEEP 90 (mmhos/m)	GRID
N4+50W2+50	8	11.3			B
N4+75E0+25					B
N4+75E0+50					B
N4+75E0+75					B
N4+75E1+00					B
N4+75E1+25					B
N4+75E1+50					B
N4+75E1+75					B
N4+75E2+00					B
N4+75E2+25					B
N4+75E2+50					B
N4+75E2+75					B
N4+75E3+00					B
N4+75W0+00	26	37			B
N4+75W0+25	21	28			B
N4+75W0+50	12	16			B
N4+75W0+75	8	11			B
N4+75W1+00	7	9.3			B
N4+75W1+25	7.5	10			B
N4+75W1+50	8	10			B
N4+75W1+75	9	10			B
N4+75W2+00	7.3	9			B
N4+75W2i 25	2.5	11.5			B
N4+75W2+50	8.5	12.5			B
N5+00E0+25	23	26			B
N5+00E0+50	24	28			B
N5+00E0+75	45	55			B
N5+00E1+00	50	65			B
N5+00E1+25	75	70			B
N5+00E1+50	75	50			B
N5+00E1+75	50	45			B
N5+00E2+00	36	25			B
N5+00E2+25	38	34			B
N5+00E2+50	43	52			B
N5+00E2+75	120	125			B
N5+00E3+00	250	230	320	270	B
N5+00E3+50					B
N5+00W0+00	25	40			B
N5+00W0+25	18	24			B
N5+00W0+50	19	20			B
N5+00W0+75	8	11.5			B
N3+00W1+00	7	10			B
N5+00W1+25	7.5	10.5			B
N5+00W1+50	8	10			B
N5+00W1+75	8	10.5			B
N5+00W2+00	7.5	10			B
N5+00W2+25	7.5	11			B
N5+00W2+50	7.5	12			B

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GRID COORDINATES	EM-31 SHALLOW (mmhos/m)	EM-31 DEEP (mmhos/m)	EM-31 SHALLOW 90 (mmhos/m)	EM-31 DEEP 90 (mmhos/m)	GRID
N5+25E0+25	18	20			B
N5+25E0+50	16	22			B
N5+25E0+75					B
N5+25E1+00					B
N5+25E1+25					B
N5+25E1+50					B
N5+25E1+75					B
N5+25E2+00					B
N5+25E2+25					B
N5+25E2+50					B
N5+25E2+75					B
N5+25E3+00					B
N5+23W0+00	32	27			B
N5+25W0+25	15	21			B
N5+25W0+50	9	12			B
N5+25W0+73	8	11.1			B
N5+25W1+00	7	9			B
N5+25W1+25	7.5	9.5			B
N5+25W1+50	9	13.5			B
N5+25W1+75	8.5	17.5			B
N5+25W2t00	7.5	6.5			B
N5t25W2+23	7	5			B
N5t25W2+50	7.5	6			B
N5+50E0+25	20	38			B
N5+50E0+50	20	32			B
N5+50E0+75	80	70			B
N5+50E1+00	150	105			B
N5+50E1+25	150	120			B
N5+50E1+50	80	75			B
N5+50E1+75	50	60			B
N5+50E2+00	60	50			B
N5+50E2+25	90	90			B
N5+50E2+50	170	125			B
N5+50E2+75	170	195			B
N5+50E3+00	360	310	260	280	B
N5+50W0t00	35	46			B
N5t50W0+25	12	16			B
N5+30W0+50	8	10.5			B
N3+30W0+75	7.5	10.5			B
N5+50W1+00	7.5	10			B
N3+50W1+23	7.5	9			B
N5+50W1+50	9	11.3			B
N5+50W1+75	7.5	13			B
N3+30W2+00	6.5	10			B
N5+50W2+25	6.3	10			B
N5+30W2+50	6.3	10			B
N3+75W0+00	26	36			B
N5+75W0+25	10	13			B

SITE 11

GRID COORDINATES	EM-31 SHALLOW (mmhos/m)	EM-31 DEEP (mmhos/m)	EM-31 SHALLOW 90 (mmhos/m)	EX-31 DEEP 30 (mmhos/m)	GRID
N5+75W0+50	8	10			B
N5+75W0+73	7.5	10.5			B
N5+75W1+00	7	10			B
N5+75W1+25	6.5	7.5			B
N5+75W1+50	8	9.5			B
N5+75W1+75	7	3			B
N5+75W2+00	7.5	8			B
N5+75W2+25	6.5	8.5			B
N5+75W2-50	8.3	10			B
N6-00E0+30					B
N6+00E1+00					B
N6+00E1+50					B
N6+00E2+00					B
N6+00E2+50					B
N6+00W0+00	11	14			B
N6+00W0+25	9	9			B
N6+00W0+50	7.5	10			B
N6+00W0+75	8	10			B
N6+00W1+00	7.5	9.3			B
N6+00W1+25	7	8.3			B
N6+00W1+50	6.5	9			B
N6+00W1+75	7	9			B
N6+00W2+00	6	8.5			B
N6+00W2+25	7	8			B
N6+00W2+50	7.5	10			B
N6+25W0+00	3	13			B
N6+25W0+25	8	11			B
N6+25W0+50	7	9.5			B
N6+25W0+75	7.5	10			B
N6+25W1+00	7	9			B
N6+25W1+25	6.5	8			B
N6+25W1+50	8	9			B
N6+25W1+75	7	9			B
N6+25W2+00	7	8			B
N6+25W2+25	7	8.5			B
N6+25W2+50	7.5	9.5			B
N6+50W0+00	9	13			B
N6+50W0+25	7.5	10.5			B
N6-50W0+50	7.5	9			B
N6+50W0+75	7	9.3			B
N6+50W1+00	7	9			B
N6+50W1+23	7	9			B
N6+50W1+50	8	9			B
N6+30W1+75	7	8.5			B
N6+50W2+00	7	8			B
N6+50W2+25	7	8			B
N6+50W2+50	3.5	9			B
N6+75W0+00	8	13			B

SITE 11

GRID COORDINATES	EM-31 SHALLOW (mmhos/m)	EM-31 DEEP (mmhos/m)	EM-31 SHALLOW 90 (mmhos/m)	EM-31 DEEP 90 (mmhos/m)	GRID
N6+75W0+25	9	10.5			B
N6+75W0+50	7	9			B
N6+75W0+75	7.5	9			B
N6+75W1+00	7	8.5			B
N6+75W1+25	6.5	8.3			B
N6+75W1+50	7.5	8.5			B
N6+75W1+75	7	8.5			B
N6+75W2+00	7	8			B
N6+75W2+25	7	8			B
N6+75W2+50	6.5	8.5			B
N7+00W0+00	9	13			B
N7+00W0+25	7	10			B
N7+00W0+30	6.5	8.5			B
N7+00W0+75	7	9			B
N7+00W1+00	6.5	8.5			B
N7+00W1+25	7	8			B
N7+00W1+50	6.5	8			B
N7+00W1+75	6.3	7			B
N7+00W2+00	6.5	8			B
N7+00W2+25	7	8			B
N7+00W2+50	7	8.5			B
N7+25W0+00	8	13			B
N7+25W0+25	7.3	10			B
N7+25W0+50	6.3	8.3			B
N7+25W0+75	6	8			B
N7+25W1+00	7	8			B
N7+25W1+25	7	9			B
N7+25W1+50	7.5	8			B
N7+25W1+75	6.5	8			B
N7+25W2+00	6.5	8			B
N7+25W2+25	6.5	8			B
N7+25W2+50	7	9			B
N7+30W0+00	8	13.3			B
N7+50W0+25	7.3	10			B
N7+50W0+50	6.5	8.3			B
N7+50W0+75	7	9			B
N7+30W1+00	7	8			B
N7+50W1+25	6.5	9			B
N7+50W1+50	7.5	8.5			B
N7+50W1+75	7	8			B
N7+50W2+00	7	8			B
N7+50W2+25	9.3	4			B
N7+50W2+50	7	9			B
N7+75W0+00	8.	13.5			B
N7+75W0+25	7	10			B
N7+75W0-30	6.3	8.5			B
N7+75W0+75	6.5	8.5			B
N7+75W1+00	6.5	7.5			B

SITE 11

GRID COORDISATES	EN-31 SHALLOW (mmhos/m)	EM-31 DEEP (mmhos/m)	EM-31 SHALLOW 90 (mmhos/m)	EM-31 DEEP 90 (mmhos/m)	GRID
N7+75W1+25	6.5	8			B
N7+75W1+50	8	8.5			B
N7+75W1+75	7	8			B
N7+73W2+00	7	8			B
N7+75W2+25	7.5	7.5			B
N7+75W2+50	7	9			B
N8+00W0+00	7	13			B
N8+00W0+25	7	10			B
N8+00W0+50	6.3	8.5			B
N8+00W0+75	6	8			B
N8+00W1+00	6	7.5			B
N8+00W1+25	6	7			B
N8+00W1+3.0	7	8			B
N8+00W1+75	7	8			B
N8+00W2+00	7.5	8.5			B
N8+00W2+25	6.5	8			B
N8+00W2+50	6.5	8.5			B
N8+25W0+00	8	13			B
N8+25W0+25	7.5	10			B
N8+25W0+50	6.3	8.5			B
N8+25W0+75	6.5	8			B
58+25W1+00	6.5	7.5			B
S8+25W1+25	6.5	7.5			B
N8+25W1+50	6.5	8			B
N8+25W1+75	7.5	8.5			B
N8+25W2+00	7	8			B
N8+25N2+25	7	8			B
N8+25W2+50	6.5	8.5			B
N8+50W0+00	8	14			B
N8+50W0+25	8	10			B
N8+50W0+50	7	8.5			B
N8+50W0+75	6	8			B
N8+50W1+00	6.5	7			B
N8+50W1+25	6.5	7			B
N8+50W1+50	6.5	8.5			B
N8+50W1+75	7.5	8.5			B
N8+50W2+00	7.5	9			B
N8+50W2+23	7	8.5			B
N8+30W2+50	7	3			B
S0+00W0+00	29	45			B
S0+00W0+25	21	30			B
S0+00W0+50	24	29			B
S0+00W0+75	. 26	32			B
S0+00W1+00	10	20			B
S0+00W1+25	34	64			B
S0+00W1+50	22	34			B
S0+00W1+75	26	34			B
S0+00W2+00	13	32			B

SITE 11

GRID COORDINATES	EM-31 SHALLOW (mmhos/m)	EM-31 DEEP (mmhos/m)	Eii-31 SHALLOW 90 (mmhos/m)	EM-31 DEEP 90 (mmhos/m)	GRID
S0+00W2+25	22	23			B
Sot00W2+50	29	11			B
S0+25E0+25	36	40			B
S0+25E0+50	120	68	150	80	B
S0+25E0+75	190	180	220	170	B
S0+25E1+00	230	190	280	225	B
S0+25E1+25	320	273	295	290	B
S0+25E1+50	400	235	400	200	B
S0+25E1+75					B
S0+25W0+00	26	35			B
S0+25W0+25	22	29			B
S0+25W0+50	20	25			B
S0+25W0+73	20	22			B
S0+25W1+00	18	23			B
sot25w1t25	18	10			B
S0+25W1+50	23	40			B
S0+25W1+75	28	45			B
S0+25W2+00	46	32			B
S0+25W2t25	20	24			B
S0+25W2+50	18	20			B
S0+50E0+25	35.5	37			B
S0+50E0+50	165	32			B
S0+50E0+75	205	195	200	190	B
S0+50E1+00	320	210	290	210	B
S0+50E1+25	360	310	410	310	B
S0+50E1+50					B
S0+50W0+00	35	40			B
S0+50W0+25	28	37			B
S0+50W0t50	20	28			B
S0+50W0+75	14	20			B
S0+50W1+00	18	23			B
S0+50W1+25	18	34			B
S0+50W1+50	36	62	34	60	B
S0t50W1+75	38	52			B
sot50W2too	36	45			B
S0+50W2+25	20	24			B
S0+50W2+50	20	22			B
S0+75E0+25	37	30			B
S0+75E0+50	33	44			B
S0+75E0+75					B
S0+75E1+00					B
S0+75E1+25					B
S0+75E1+50					B
S0+75E1+75					B
S0+75W0+00	36	56			B
S0+75W0+25	60	74			B
S0+75W0+50	21.5	31			B
S0+75W0+75	.52	40			B

SITE 11

GRID COORDIKATES	EM-31 SHALLOW (mmhos/m)	EM-31 DEEP (mmhos/m)	EM-31 SHALLOW 90 (mmhos/m)	EM-31 DEEP 90 (mmhos/m)	GRID
S0+75W1+00	25	29			B
S0+75W1+25	33	35			B
S0+75W1+50	30	40			B
S0+75W1+75	30	70	50	70	B
S0+75W2+00	40	50			B
S0+75W2+23	3.4	7.8			B
S0+75W2+50	9	8.6			B
S1+00E0+25	90	110	90	100	B
S1+00E0+50	74	68			B
S1+00E0+75	76	45			B
S1+00E1+00	200	120	240	90	B
S1+00E1+25	230	200	320	173	B
S1+00E1+50	220	280	250	230	B
S1+00E1+75					B
S1+00E2+00					B
S1+00E2+25					B
S1+00E2+50					B
S1+00W0+00	60	110	70	100	B
S1+00W0+25	3.2	3.2			B
S1+00W0+50	3.3	3			B
S1+00W0+75	30	40			B
S1+00W1+00	7.4	8.8			B
S1+00W1+25	34	37			B
S1+00W1+50	46	51			B
S1+00W1+75	110	150	150	160	B
S1+00W2+00	10	100	10	10	B
S1+00W2+25	35	30			B
S1+00W2+50	1	1			B
W0+00N8+50					B

APPENDIX D

EH-34 *AND* MAGNETOMETER SURVEY DATA

SITE 11

GRID COORDISXTES	EM-34 10 METER (mmhos/m)	EM-34 20 METER (mmhos/m)	MAGNETOMETER (gammas)	GRID
E0+00N4+25			51166	A
E0+00N4+50	42	59	51951	A
E0+00N4+75			50423.2	A
E0+00N5+00	54	70	50813.6	A
E0+00N5+25			51616	A
E0+00N5+50	32	41	51794	A
E0+00N5+75			52097	A
N0+00E0+00	150	110	19589	A
N0+00E0+25			49703	A
N0+00E0+50	105	140	51747	A
N0+00W0+75			47413	A
N0+00W1+00	84	71	30685	A
N0+00W1+25			51201	A
N0+00W1+50	110	133	51969	A
N0+00W1+75			52417	A
N0+00W2+00	90	120	49278	A
N0+00W2+25			50613	A
N0+00W2+50	50	19	59726	A
N0+25E0+00			50632	A
N0+25E0+25			50595	A
N0+25E0+50			51451	A
N0t25W0+73			52005	A
YO+25W1+00			49119	A
N0+25W1+25			54730	A
N0+25W1+50			52387	A
N0+25W1+75			34162	A
N0+25W2+00			51995	A
N0+23w2+00			55816	A
N0+25W2+25			51080	A
N0+25W2+50			50321	A
N0+50E0+00	263	133	50241	A
N0+50E0+25			30262	A
N0+50E0+50	111	102	50901.3	A
N0+50W0+75			52018	A
N0+50W1+00	100	151	47313	A
N0+50W1+25			53811	A
N0+50W1+30	101	115	31700	A
N0+50W1+73			56974	A
N0+50W2+25			51311	A
S0+50W2+50	28	58	50703	A
N0+75E0+00			52114	A
N0+75E0+25			50046	A
N0+75E0+50			50579	A
N0+75W0+73			51301	A
SO+75W1+00			48436	A
N0+75W1+25			51680	A
N0+75W1+50			53760	A
N0+75W1+75			54181	A

SITE 11

GRID COORDINATES	EM-34 10 METER (mmhos/m)	EM-34 20 METER (mmhos/m)	MAGNETOMETER (gammas)	GRID
N0+75W2+00			52100	A
N0+75W2+25			54083	X
N0+75W2+30			50967	A
N1+00E0+00	171	126	47163	X
N1+00E0+25			48817	A
N1+00E0+50	100	108	47933	A
N1+00E1+00	39	74	50313	A
N1+00E1+25			50080	X
N1+00E1+50	19	32	50649	A
N1+00W0+73			47332	A
N1+00W1+00	148	100	51102	A
N1+00W1+25			52120	X
N1+00W1+50	165	100	50364	A
N1+00W2+00	202	135	52155	A
N1+00W2+25			53342	X
N1+00W2+50	62	85	30123	A
N1+25E0+00			47955	A
N1+25E0+25			49604	A
N1+25E1+00			49838	A
N1+25E1+25			50125	A
N1+25E1+50			49400	A
N1+25W0+75			19212	A
N1+25W1+00			53381	X
N1+25W1+25			51964	A
N1+25W1+50			48177	A
N1+25W1+75			46918	A
N1t25W2+00			52135	A
N1+25W2+25			54308	A
N1+25W2+50			53627	A
N1+50E0+00	83.5	100	50806	A
N1+50E0+25			49246	X
N1+50E0+50	82	79	45544	A
N1+50E0+75			47996	A
N1+50E1+00	32	37.5	49883	A
N1+50E1+25			49868	A
N1+50E1+50	37	62	45559	A
N1+50E1+75				A
N1+50E2+00	56	6		A
N1+50E2+25				A
N1+50E2+50	95	213		A
N1+50E3+00	90	>300		A
N1+50E3+50	70	160		A
N1+50W0+75			33682	A
N1+50W1+00	168	90	43138	X
N1+50W1+25			46750	A
N1+50W1+50	205	95	45086	A
N1+50W1+75			46769	A
N1+50W2+00	221	210	48381	A

SITE 11

GRID COORDISATES	EM-34 10 METER (mmhos/m)	EM-31 20 METER (mmhos/m)	MAGNETOMETER (gammas)	GRID
N1+30W2+23			48672	A
N1+30W2+50	162	120	56377	A
N1+75E0+00			47781	A
N1+75E0+25			52983	A
N1+75E0+50			30935	A
N1+75E1+00			5024%.5	A
N1+75E1+25			50178.4	A
N1+75E1+50			48687	A
N1+75E1+75			49983	A
N1+75E2+00			50102	A
N1+75E2+25			50116	X
N1+75E2+50			50089.1	A
N1+75W0+75			45551	A
N1+75W1+00			ISACCES	A
N1+75W1+25			45588	A
N1+75W1+50			47467	A
N1+75W1+75			46599	A
N1+75W2+00			51540	A
N1+75W2+25			52114	A
N1+75W2+50			49440	A
N2+00E0+00	161	148	52063	A
N2+00E0+25			32742	X
N2+00E0+50	82	92	49994	A
N2+00E1+00	32	58	50312	A
N2+00E1+25			50370.7	A
N2+00E1+50	35	56	50330.8	A
N2+00E1+75			30274	A
N2+00E2+00	37	60	50257.2	X
N2+00E2+25			50414	A
N2+00E2+50	34	68	49972	A
N2+00E3+00	28	67		X
N2+00E3+30	25	49		A
N2+00W1+00	155	121		A
N2+00W1+25			45272	A
N2+00W1+50	89	78	50409	A
N2+00W1+75			51387	A
N2+00W2+00	182	100	50076	A
N2+00W2+25			49901	A
N2+00K2+50	185	80	52103	A
N2+25E0+00			48628	A
N2+25E0+25			49775	A
N2+25E0+50			50387	X
N2+25E1+25			49903	A
N2+25E1+30			50376	A
N2+25E1+75			50392.1	A
N2+25E2+00			50284	A
N2+25E2+25			50184	A
N2+25E2+50			50086	A

SITE 11

GRID COORDISATES	EM-34 10 METER (mmhos/m)	EM-34 20 METER (mmhos/m)	MAGSETOMETER (gammas;	GRID
N2+25W1+25			45478	A
N2+25W1+50			50226	A
N2+25W1+75			52051	X
N2+25W2+00			51652	A
N2+25W2+25			50342	A
N2+25W2+50			48462 .	A
N2+50E0+00	40	62	50359	A
N2+50E0+25			50201.2	A
N2+50E0+50	36	57	50532.3	A
N2+50E1+00	ND	ND		A
N2+50E1+50	31.5	62	50737.1	A
N2+50E1+75			50925	A
N2+50E2+00	32	59	50508	A
N2+50E2+25			50743	A
N2+50E2+50	36	38	50630	A
N2+50E3+00	23	50		X
N2+50E3+50	21	18		A
N2+50W1+00	64	71		A
N2+50W1+25			48605	A
N2+50W1+50	54	62	47712	A
N2+50W1+75			52173	A
N2+50W2+00	95	52	52118	A
N2+50W2+25			52023	A
N2+50W2+50	169	66	50421	A
N2+75E0+00			50034	A
N2+75E0+25			50473.9	A
N2+75E0+50			50991	A
N2+75E2+00			50291	A
N2+75E2+25			52299	A
N2+75E2+50			30731.7	A'
N2+75W1+25			48344	A
N2+75W1+50			49047	X
N2+75W1+75			51969	A
N2+75W2+00			51988	X
N2+75W2+25			ISACCES	A
N2+75W2+50			ISXCCES	A
N3+00E0+00	23	60	50242.2	A
N3+00E0+25			50261	A
N3+00E0+50	23	47	51573	A
N3+00E2+25			50130	A
N3+00E2+50	31	51	50410	A
N3+00E3+00	30	55		A
N3+00W1+00	6%	77		A
N3+00W1+25			49826	A
N3+00W1+50	52	51	18598	A
N3+00W1+73			49151	A
N3+00W2+00	38	50	49118	A
N3+00W2+25			51238	A

SITE 11

GRID COORDINATES	EM-31 10 METER (mmhos/m)	EM-34 20 METER (mmhos/m)	MAGNETOMETER (gammas)	GRID
N3+00W2+50	209	100	49607	A
N3+25E0+00			50547.5	A
N3+25E0+25			50978	4
N3+25E0+50			49010	A
N3+25W1+25			49699	A
N3+25W1+30			46596	X
N3+25W1+75			52148	A
N3+25W2+00			46533	A
N3+25W2+23			45474	A
N3+25W2+50			51458	A
N3+50E0+00	18	82	49997	A
N3+50E0+25			51238	A
N3+50E0+50	26	56	50427	A
N3+50W1+00	>300	>300		A
N3+50W1+23			48378	A
N3+50W1+50	>300	>300	49014	X
N3+30W1+75			46951	A
N3+50W2+00	170	>300	46421	A
N3+30W2+25			16021	X
N3+50W2+50	140	160	45579	A
N3+75E0+00			52031	A
N3+75E0+25				A
N3+75E0+50				A
N3+75E0+75				A
N3+75W1+00			52094	A
N3+75W1+25			51123	A
N3+75W1+50			30637	A
N3+73W1+75			49193	A
N3+75W2+00			17812	A
N3+75W2+25			49337	A
N3+75W2+50			48213	A
N4+00E0+00	88	140	30303	A
N4+00E0+25			53247	A
N4+00E0+50	15	73	50129	A
N4+00E0+75			50424	A
N4+00W0+25			51860	A
N4+00W0+50	53	131	51962	A
N4+00W0+75			43824	A
N4+00W1+00	60	86	53653	A
N4+00W1+25			50108	A
N4+00W1+50	47	51.5	50484	A
N4+00W1+73			48750	A
N4+00W2-00	29	33	43871	A
N4+00W2+25			46918	A
N4+00W2+50	100	76	52133	A
N4+23E0+00			50935	A
N4+25E0+25			43356	A
N4+23E0+50			50025	A

SITE 11

GRID COORDINATES	EM-34 10 METER (mmhos/m)	EM-34 20 METER (mmhos/m)	MAGNETOMETER (gammas)	GRID
N4+25E0+75			50804	A
N4+25E1+00				A
N4+25E1+25				A
N4+25W0+25			50271	A
N4+25W0+50			51090	A
N4+25W0+73			50655	A
N4+25W1+00			49380	A
N4+25W1+25			34651	A
N4+25W1+50			30174	A
N4+25W1+73			45571	A
N4+25W2+00			45622	A
N4+25W2+25			43611	A
N4+25W2+50			43325	A
N4+50E0+25			49325	A
N4+50E0+50	34.5	32.5	49879	A
N4+50E0+75			50055	A
N4+50E1+00	31	66	51467	A
N4+50W0+25			49767	A
N4+50W0+50	38	64	49469	A
N4+50W0+75			42393	A
N4+30W1+00	63.5	66	35513	A
N4+30W1+25			49348	A
N4+30W1+50	34.5	38	30866	A
N4+30W1+75			31477	A
N4+50W2+00	30.5	36	18629	A
N4+50W2+25			48458	A
N4+50W2+50	70	66	43761	A
N4+75E0+25			50201	A
N4+75E0+50			50817	A
N4+75E0+75				A
N4+75W0+25			50469	A
N4+75W0+50			50283.4	A
N4+75W0+75			47298	A
N4+75W1+00			47242	A
N4+75W1+25			50262.8	A
N4+75W1+50			52751	A
N4+73W1+75			34119	A
N4+75W2+00			50683	A
N4+75W2+25			45551	A
N4+75W2+50			49312	A
N5+00E0+25			30369	A
N5+00E0+50	30	58	50550	A
N5+00E0+75			51170	A
N5+00E1+00	46	68	49728	A
N5+00E1+25			30233	A
N5+00E1+50	33	32		A
N5+00W0+25			50622	A
N5+00W0+50	56.2	52.5	51561	A

SITE 11

GRID COORDINATES	EM-34 10 METER (mmhos/m)	EM-34 20 METER (mmhos/m)	MAGNETOMETER (gammas)	GRID
N5+00W0+75			49852	A
N5+00W1+00	30.3	56	49811	A
N5+00W1+25			50441	A
N3+00W1+30	37	44	51445	A
N5+00W1+75			53885	A
N5+00W2+00	36	33.5	53331	A
N5+00W2+25			51321	A
N5+00W2+50	21.5	35.5	46858	A
N5+25E0+25			51315	A
N5+25E0+50			51604	A
N5+25W0+25			52193	A
N5+25W0+30			50863	A
N5+25W0+75			50401	A
N5+25W1+00			51500	A
N5+25W1+25			50405	A
N5+25W1+50			49663	A
N5+25W1+73			49464	A
N5+25W2+00			54357	A
N5+25W2+25			52083	A
N5+25W2+50			51030	A
N5+50E0+25			52540	A
N5+50E0+50	23.5	44	51414	A
N5+50E0+75			51515	X
N5+50E1+00	36	52.3	30822	A
N5+50E1+25			49427	A
N5+50E1+50	39	40		A
N3+50W0+25			53116	A
N5+50W0+50	37	40	52805	A
N5+50W0+75			51836	A
N3+30W1+00	28	42	50305	A
N5+50W1+25			30058	A
N5+50W1+50	26.5	44	49352	A
N5+50W1+75			48680	A
N5+50W2+00	68.3	46	50712	A
N5+50W2+25			50820	A
N5+30W2+50	42	48	49920	A
N5+75E0+25			51069	X
N5+75E0+50			33117	A
N5+75E0+75				A
N3+75W0+25			31518	A
N5+75W0+50			50575.2	A
N5+75W0+75			50041	A
N5+75W1+00			50022	A
N5+75W1+25			43933	A
S5+75W1+50			48723	A
N5+75W1+75			48048	A
N5+75W2+00			49789	A
N5+75W2+25			49269	A

SITE 11

GRID COORDINATES	EM-34 10 METER (mmhos/m)	Ex-34 20 METER (mmhos/m)	MAGNETOMETER (gammas)	GRID
N5+75W2+50			49356	A
W0+25N0+00			52783	X
W0+25N0+25			51308	A
W0+25N0+50			48187	A
W0+25N0+75			48499	A
W0+25N1+00			48856	A
W0+25N1+25			47891	A
W0+25N1+50			49308	A
W0+25N1+75			50272	A
W0+25N2+00			48386	A
W0+25N2+25			49118	A
W0+25N2+50			48992	A
W0+25N2+75			43646	A
W0+25N3+00			49621	A
W0+25N3+25			50668	A
W0+25N3+50			50189	A
W0+25N3+75			48449	X
W0+50N0+00	129	130	53484	A
W0+50N0+25			49643	A
W0+50N0+50	270	131	30964	X
W0+50N0+75			48625	A
W0+50N1+00	162	90	51621	A
W0+50B1+25			48054	X
W0+50N1+50	88	80	49695	A
W0+50N1+75			49784	A
W0+50N2+00	170	120	47260	A
W0+50N2+25			47025	A
W0+50N2+50	38.5	50	48290	A
W0+50N2+75			49933	A
W0+50N3+00	28.5	54	30128	A
W0+50N3+25			51548	A
W0+50N3+50	53	71	49203	A
W0+75N2+00			45550	A
W0+75N2+25			43357	A
W0+75N2+50			45557	X
W0+75N2+75			52113	A
W0+75N3+00			52125	A
W0+75N3+25			47715	X
W0+75N3+50			32098	A
W0+75N3+75			32163	A

SITE 11

GRID COORDINATES	EM-34 10 METER (mmhos/m)	EM-34 20 METER (mmhos/m)	MAGNETOMETER (gammas)	GRID
E0+25N5+50			50197.0	B
E0+25N5+75			50153.0	B
E0+25N6+00			51150.0	B
E0+25N6+25			50565.0	B
EO+25N6+50			50743.0	B
E0+25N6+75			50664.0	B
E0+25N7+00			50906.0	B
E0+25N7+25			50962.0	B
E0+25N7+50			50698.0	B
E0+25N7+75			50559.0	B
E0+25N8+00			50409.0	B
E0+25N8+25			51115.0	B
E0+25N8+50			50357.6	B
N0+00E0+25			50896.0	B
N0+00E0+50	48	46	50882.0	B
N0+00E0+75			48325.0	B
N0+00E1+00	110	68	49534.0	B
N0+00E1+25			49085.0	B
N0+00E1+50	150	115	49783.0	B
N0+00E2+00	192	160		B
N0+00E2+50	223	ND		B
N0+25E0+25			51423.0	B
N0+25E0+50			39026.0	B
N0+25E0+75			45605.0	B
N0+25E1+00			49018.0	B
N0+25E1+25			49768.0	B
N0+25E1+50				B
N0+25W0+00			51917.0	B
N0+25W0+25			51994.0	B
N0+25W0+50			51274.0	B
N0+25W0+75			51130.0	B
N0+25W1+00			50374.0	B
N0+25W1+25			50796.0	B
N0+25W1+50			51847.0	B
N0+25W1+75			52193.0	B
N0+25W2+00			50793.0	B
N0+25W2+25			51561.0	B
N0+25W2t50			45522.0	B
N0+50E0+25			20630.0	B
N0+50E0+50	20.5	28	52152.0	B
N0+50E0+75			50337.0	B
N0+50E1+00	135	123	30625.0	B
N0+50E1+25			45514.0	B
N0+50E1+50	73	84	51149.0	B
N0+50E1+75			51786.0	B
N0+50E2+00	157	140	48891.0	B
N0+50E2+25			47404.0	B
N0+50E2+50	102	100	13768.0	B

SITE 11

GRID COORDINATES	EM-34 10 METER (mmhos/m)	EM-34 20 METER (mmhos/m)	MAGNETOMETER (gammas)	GRID
N0+50W0+00	24	57.5	51320.0	B
N0+50W0+25			30389.0	B
N0+50W0+50	37.9	38	50345.0	B
N0+50W0+75			43972.0	B
N0+50W1+00	38	38	51176.0	B
N0+50W1+25			31705.0	B
N0+50W1+50	30	43	49071.0	B
N0+50W1+75			48539.0	B
N0+50W2+00	24	36.5	50353.0	B
N0+50W2+25			50098.0	B
N0+50W2+50	17.8	34.5	50748.0	B
N0+75E0+25				B
N0+75E0+50			52048.0	B
N0+75E0+75			18622.0	B
N0+75E1+00			45596.0	B
N0+75E1+25			38042.0	B
N0+75E1+50			50539.0	B
N0+75E1+75			49820.0	B
N0+75E2+00			49619.0	B
N0+75E2+25			47122.0	B
N0+75E2+50				B
N0+75W0+00			49853.0	B
N0+75W0+25			49631.0	B
N0+75W0+50			49078.0	B
N0+75W0+75			49696.0	B
N0+75W1+00			49937.0	B
N0+75W1+25			51587.0	B
N0+75W1+50			52467.0	B
N0+75W1t75			50319.0	B
SO+75W2+00			50556.0	B
N0+75W2+25			49986.0	B
N0+75W2+50			50631.0	B
N1+00E0+25				B
N1+00E0+50	105	3.5	39048.0	B
N1+00E0+75			48278.0	B
N1+00E1+00	83	44	43322.0	B
N1+00E1+25			23810.0	B
N1+00E1+50	108	18	49561.0	B
N1+00E1+75			43853.0	B
N1+00E2+00	70.5	76	48647.0	B
N1+00E2+25			48758.0	B
N1+00E2+50	NP	NP	50386.0	B
N1+00W0+00	84	56.2	50495.0	B
N1+00h'0+25			49315.0	B
N1+00W0+50	24	47.5	50475.0	B
N1+00W0+75			50410.0	B
N1+00W1+00	lC.S	51	50115.0	B
N1+00W1+25			50811.0	B

SITE 11

GRID COORDINATES	EM-34 10 METER (mmhos/m)	ELI-34 20 METER (mmhos/m)	MAGNETOMETER (gammas)	GRID
N1+00W1+50	18.5	39.5	32287.0	B
N1+00W1+75			50436.0	B
N1+00W2+00	23	32.5	49928.0	B
N1+00W2+25			49576.0	B
N1+00W2+50	15	28.5	50676.0	B
N1+25E0+25				B
N1+25E0+50			48510.0	B
N1+25E0+75			30030.0	B
N1+25E1+25			52176.0	B
N1+25E1+50			49819.0	B
N1+25E1+75			50007.0	B
N1+25E2+00				B
N1+25E2+25				B
N1+25E2+50				B
N1+25E2+75				B
N1+25E3+00				B
S1+25W0+00			51429.0	B
N1+25W0+25			50929.0	B
N1+25W0+50			50873.0	B
N1+25W0+75			51391.0	B
N1+25W1+00			50707.0	B
91+25W1+23			50542.0	B
N1+25W1+50			48842.0	B
N1+25W1+73			49892.0	B
N1+25W2+00			50187.0	B
N1+25W2+25			50413.0	B
N1+25W2+50			50608.0	B
N1+50E0+25				B
N1+50E0+50	88	140	33314.0	B
N1+50E0+75			50065.0	B
N1+50E1+00	128	123	32071.0	B
N1+50E1+25			52082.0	B
N1+50E1+50	74	125	50006.0	B
N1+50E1+73			51856.0	B
N1+50E2+00	100	86	52800.0	B
N1+50E2+25			31802.0	B
N1+50E2+50	150	102	31762.0	B
N1+50E2+75			51475.0	B
N1+50E3+00	170	145	50950.0	B
N1+50W0+00	40.5	49.5	51892.0	B
N1+30W0+25			51296.0	B
N1+50W0+50	26	47	51480.0	B
N1+50W0+73			50863.2	B
N1+50W1+00	28	45	50013.0	B
N1+50W1+25			49791.0	B
N1+30W1+50	21.8	33	49123.0	B
N1+30W1+75			49955.0	B
N1+50ow2+00	17.6	32.5	49963.0	B

SITE 11

GRID COORDINATES	EM-34 10 METER (mmhos/m)	EM-34 20 METER (mmhos/m)	MAGNETOMETER (gammas)	GRID
N1+50W2+25			50402.0	B
N1+50W2+30	14.5	30	50696.0	B
N1+75E0+25				B
N1+75E0+50			52074.0	B
N1+75E0+75			50073.0	B
N1+75E1+00			32466.0	B
N1+75E1+25			45496.0	B
N1+75E1+50				B
N1+75E1+75			30360.0	B
N1+75E2+00			52679.0	B
N1+75E2+25				B
N1+75E2+50				B
N1+75E2+75				B
N1+75E3+00			51236.0	B
N1+75W0+00			51036.0	B
N1+75W0+23			50815.5	B
N1+75W0+30			50220.4	B
N1+75W0+75			50261.0	B
N1+75W1+00			50453.0	B
N1+75W1+25			50134.0	B
N1+75W1+50			49974.0	B
N1+75W1+75			50525.0	B
N1+75W2+00			50442.0	B
N1+75W2+25			50560.0	B
N1+75W2+50			50382.0	B
N2+00E0+75			50253.0	B
N2+00E1+00	28	200	29331.0	B
N2+00E1+25			12831.0	B
N2+00E1+50	110	78	51542.0	B
N2+00E1+75			30197.0	6
N2+00E2+00	130	100	51980.0	B
N2+00E2+25			51396.0	B
N2+00E2+50	90	86	53138.0	B
N2+00E2+75			50660.0	B
N2+00E3+00	95	82	49303.0	B
N2+00W0+00	47	38.5	48874.0	B
N2+00W0+25			43283.0	B
N2+00W0+50	29.5	34	50551.0	B
N2+00W0+75			50775.0	B
N2+00W1+00	22	66	30346.0	B
N2+00W1+25			50717.0	B
N2+00W1+50	20	29	30716.0	B
N2+00W1+75			50263.0	B
N2+00W2+00	18	31.3	50621.0	B
N2+00W2+23			50658.2	B
N2+00W2+50	13	26	52098.0	D
N2+25E0+25				B
N2+25E0+50			45574.0	D

SITE 11

GRID COORDINATES	EM-34 10 METER (mmhos/m)	EM-34 20 METER (mmhos/m)	MAGNETOMETER (gammas)	GRID
N2+25E0+75			50382.0	B
N2+25E1+00			29430.0	B
N2+25E1+25			33153.0	B
N2+25E1+50			50563.0	B
N2+25E2+00				B
N2+25E2+25				B
N2+25E2+50				B
N2+25E2+75				B
N2+25E2+75				B
N2+25E3+00				B
N2+25W0+00			49762.9	B
N2+25W0+25			50193.0	B
N2+25W0+50			50512.0	B
N2+25W0+75			50122.0	B
N2+25W1t00			50157.1	B
N2+25W1+25			50329.8	B
N2+25W1+50			50500.9	B
N2+25W1t75			30933.0	B
N2+25W2t00			50871.7	B
N2+25W2+25			51825.0	B
N2+25W2+50			49783.0	B
N2+50E0+25			43578.0	B
N2+50E0+50	113	160	49853.0	B
N2+50E0+75			50450.0	B
N2+50E1+00	170	260	45536.0	B
N2+50E1+25			27256.0	B
N2+50E1+50	112	100	50033.0	B
N2+50E1+75			49864.0	B
N2+50E2+00	153	147	50457.0	B
N2+50E2+25			52128.0	B
N2+50E2+50	129	100	51131.0	B
N2+50E2+75			50463.0	B
N2+50E3+00	110	110	50181.0	B
N2+50E3+50	160	ND		B
N2+50W0+00	18.5	34	50648.0	B
N2+50W0+25			50495.0	B
N2+30W0t50	35	32	50059.0	B
N2+50W0+75			50415.0	B
N2+50W1+00	50	25	50054.0	B
N2+50W1+25			50332.8	B
N2+50W1+50	20	21.5	50501.0	B
N2+50W1t75			49757.0	B
N2+50W2+00	18.5	28.3	49899.0	B
N2+50W2+25			50083.3	B
N2+50W2+50	15	24	49382.0	B
N2+75E0+25			50400.0	B
N2+75E0+50			43G23.0	3
N2+75E0+75			49770.0	B

SITE 11

GRID COORDISATES	EM-34 10 METER (mmhos/m)	EM-34 20 METER (mmhos/m)	MAGNETOMETER (gammas)	GRID
N2+75E1+00			51938.0	B
N2+75E1+25			14873.0	B
N2+75E1+50			49795.0	B
N2+75E1+75			48566.0	B
N2+75E2+00			51207.0	B
N2+75E2+25			51237.0	B
N2+75E2+50				B
N2+75E2+75			50044.0	B
N2+75E3+00				B
N2+75W0+00			50947.7	B
N2+75W0+25			51033.7	B
N2+75W0+30			50143.0	B
N2+75W0+75			49790.0	B
N2+73W1+00			49936.0	B
N2+75W1+25			49276.0	B
N2+75W1+50			49946.0	B
N2+75W1+75			49892.0	B
N2+73W2+00			49804.0	B
N2+75W2+25			49572.0	B
N2+75W2+50			49913.0	B
N3+00E0+25			50154.0	B
N3+00E0+50	67	170	43242.0	B
N3+00E0+75			49806.0	B
N3+00E1+00	88	63	49516.0	B
N3+00E1+25			49722.0	B
N3+00E1+50	93	76	43807.0	B
N3+00E1+75			50464.0	B
N3+00E2+00	150	89	30275.0	B
N3+00E2+25			50240.0	B
N3+00E2+50	118	105	49743.0	B
N3+00E2+75			49417.0	B
N3+00E3+00	89	90	30184.0	B
83+00E3+25			50769.0	B
N3+00E3+50	122	88		B
N3+00W0+00	47.5	38	50039.0	B
N3+00W0+25			50446.0	B
N3+00W0+50	33	35	31259.0	B
N3+00W0+75			51068.0	B
N3+00W1+00	16	24.5	50533.0	B
N3+00W1+25			50942.6	B
N3+00W1+50	26	27.5	50455.0	B
N3+00W1+75			30381.0	B
N3+00W2+00	17	54	50388.3	B
N3+00W2+25			50346.8	B
N3+00W2+50	14	74	50117.0	B
N3+25E0+25			50714.0	B
N3+25EO+50			49844.0	B
N3+25E0+75			49874.0	B

SITE 11

GRID COORDINATES	EM-34 10 METER (mmhos/m)	EM-3.1 E0 METER (mmhos/m)	MAGNETOMETER (gammas)	GRID
N3+25E1+00			49926.0	B
N3+25E1+25			49705.0	B
N3+23E1+30			50078.0	B
N3+25E1+75			50229.0	B
N3+25E2+00			43549.0	B
N3+25E2+25			48968.0	B
N3+25E2+50			50228.0	B
N3+25E2+7j			50182.0	B
N3+25E3+00			51403.0	B
N3+25E3+25				B
N3+25E3+50				B
N3+25W0+00			50145.0	B
N3+25W0+23			43358.0	B
N3+25W0+50			49461.0	B
N3+25W0+75			50371.0	B
N3+25W 1+00			50496.1	B
N3+25W1+25			50146.0	B
N3+25W1+50			50762.0	B
N3+25W1+75			50441.0	B
N3+25W2+00			50268.0	B
N3+25W2+25			50236.0	B
N3+25W2t50			49900.0	B
N3+50E0+25			49904.0	B
N3+50E0+50	55	42	43992.0	B
N3+50E0+75			50013.0	B
N3+50E1+00	71	64	43310.0	B
N3+50E1+25			49507.0	B
N3+50E1+50	108	100	48824.0	B
N3+50E1+75			48707.0	B
N3+50E2+00	105	87	48835.0	B
N3+50E2+25			49424.0	B
N3+50E2+50	7.1	66	49390.0	B
S3+50E2+75			50081.0	B
N3+50E3+00	63	68	48368.0	B
N3+50E3+50	116	91		B
N3+50W0+00	37	42	50503.0	B
N3+50W0t25			50609.0	B
N3+50W0+30	17.3	35	30485.0	B
N3+50W0+73			50638.0	B
N3+50W1+00	16	30.5	50495.0	B
N3+50W1+25			49953.0	B
N3+50W1+50	18.5	26.5	51143.0	B
N3+30W 1+75			50925.1	B
N3+50W2+00	18.5	13	50205.0	B
N3+50W2+25			50205.1	B
N3+50W2+50	8	13.2	50130.0	B
N3+75E0+25			50327.0	B
N3+75E0+50			49402.0	B

SITE 11

GRID COORDINATES	Ell-34 10 METER (mmhos/m)	EM-3: 20 METER (mmhos/m)	MAGNETOMETER (gammas)	GRID
N3+75E0+75			50445.0	B
N3+75E1+00			50008.0	B
N3+75E1+25			48255.0	B
N3+75E1+50			47925.0	B
N3+75E1+75			48971.0	B
N3+75E2+00			49344.0	B
N3+75E2+25			50593.0	B
N3+75E2+50			49960.0	B
N3+75E2+75			50419.0	B
N3+75E2+75			50419.0	B
N3+75E3+00				B
N3+75E3+25				B
N3+75E3+50				B
N3+75W0+00			51149.8	B
N3+75W0+25			50830.4	B
N3+75W0+50			50387.0	B
N3+75W0+75			49717.0	B
N3+75W1+00			49494.0	B
N3+75W1+25			49385.0	B
N3+75W1+50			49208.0	B
N3+75W1+75			50410.0	B
N3+75W2+00			30223.2	B
N3+75W2+25			50214.4	B
N3+75W2+50			50156.0	B
N4+00E0+25			49400.0	B
N4+00E0+50	102	36.5	50598.0	B
N4+00E0+75			50790.0	B
N4+00E1+00	88	47	49372.0	B
N4+00E1+25			49344.0	B
N4+00E1+50	51	56	49637.0	B
N4+00E1+75			49701.0	B
N4+00E2+00	38	49.3	50669.0	B
N4+00E2+25			50046.0	B
N4+00E2+50	47	51	50086.0	B
N4+00E2+75			50736.0	B
N4+00E3+00	64.5	73	30102.0	B
N4+00E3+25			50278.0	B
N4+00E3+50	158	92		B
N4+00W0+00	29	47	50680.0	B
N4+00W0+25			50625.0	B
N4+00W0+30	22.5	33	50509.0	B
N4+00W0+75			30421.0	B
N4+00W1+00	14	27.3	49998.2	B
N4+00W1+25			50185.0	B
N4+00W1+50	11	22	50168.0	B
N4+00W1+73			50147.0	B
N4+00W2+00	8.7	20.5	50293.0	B
N4+00W2+25			50298.3	3

SITE 11

GRID COORDINATES	EM-34 10 METER (mmhos/m)	EM-34 20 METER (mmhos/m)	MAGNETOMETER (gammas)	GRID
N4+00W2+50	7.8	22	50265.1	B
N4+25E0+25			50206.0	B
N4+25E0+50			50820.0	B
N4+25E0+75			49338.0	B
N4+25E1+00			49603.0	B
N4+25E1+25			51152.0	B
N4+25E1+50			50283.0	B
N4+25E1+75			50738.0	B
N4+25E2+00			50821.0	B
N4+25E2+25			49954.0	B
N4+25E2+50			50893.0	B
N4+25E2+75			50636.0	B
N4+25E3+00			49910.0	B
N4+25E3+25			30127.0	B
N4+25W0+00			50194.4	B
N4+25W0+25			50283.4	B
N4+25W0+50			50218.4	B
N4+25W0+75			50051.0	B
54+25W1+00			50515.0	B
N4+25W1+25			50326.0	B
N4+25W1+50			50333.1	B
N4+25W1+75			30302.4	B
N3+25W2+00			50279.0	B
N4+25W2+25			50413.4	B
N4+25W2+50			50330.5	B
N4+50E0+25			50116.0	B
N4+50E0+50	35	40	50352.0	B
N4+50E0+75			40978.0	B
N4+50E1+00	70	44	50305.0	B
N4+50E1+25			49749.0	B
N4+50E1+50	53	64	50637.0	B
N4+50E1+75			50660.0	B
N4+50E2+00	68	74	49546.0	B
N4+50E2+25			49646.0	B
N4+50E2+50	44	76	49291.0	B
N4+50E2+75			49702.0	B
N4+50E3+00	90	73	30709.0	B
N4+50E3+50	218	94		B
N4+50W0+00	36	38	51298.0	B
N4+30W0+25			50455.1	B
N4+50W0+50	18.8	23.5	50033.0	B
N4+30W0+75			50282.9	B
N4+50W1+00	7.8	23	30322.0	B
N4+50W1+23			50357.0	B
N4+30W1+50	9.5	19.3	50377.7	B
N4+50W1+75			50372.0	B
N4+30W2+00	7	18	50296.0	B
N4+50W2+25			50335.6	B

SITE 11

GRID COORDINATES	EM-34 10 METER (mmhos/m)	EM-34 20 METER (mmhos/m)	MAGNETOMETER (gammas)	GRID
N4+30W2+50	8.2	22	50292.0	B
N4+75E0+25			48825.0	B
N4+75E0+50			43835.0	B
N4+75E0+75			50145.0	B
N4+75E1+00			50098.0	B
N4+75E1+25			51161.0	B
N4+75E1+50			50084.0	B
N4+75E1+75				B
N4+75E2+00			50037.0	B
N4+75E2+25			49947.0	B
N4+75E2+50			50231.0	B
N4+75E2+75			50087.0	B
N4+75E3+00			50518.0	B
N4+75W0+00			50296.7	B
N4+75W0+25			50442.6	B
N4+75W0+50			50496.0	B
N4+75W0+75			50308.5	B
N4+75W1coo			50350.5	B
N4+75W1+25			30373.0	B
N4+75W1+50			50361.6	B
N4+75W1+75			50380.7	B
N4+75W2+00			50408.0	B
N4+75W2+25			50353.2	B
N4+75W2+50			50238.3	B
N5+00E0+25			43198.0	B
N5+00E0+50	24	30	49450.0	B
N5+00E0+75			49680.0	B
N5+00E1+00	37	39	49699.0	B
N5+00E1+25			49774.0	B
N5+00E1+50	12	44.5	49096.0	B
N5+00E1+75			49853.0	B
N5+00E2+00	32	51.3	50090.0	B
N5+00E2+25			50207.0	B
N5+00E2+50	30	54	30300.0	B
N5+00E2+75			49702.0	B
N5+00E3+00	80	62	30004.0	B
N5+00E3+50	250	125		B
N5+00W0+00	20	29	19992.0	B
N5+00W0+25			50323.0	B
N5+00W0+50	16.2	23.5	50174.4	B
N5+00W0+75			50334.6	B
N5+00W1+00	8.9	18	51005.0	B
N5+00W1+23			50424.0	B
N5+00W1+50	9.2	16.3	50379.0	B
N5+00W1+75			50374.8	B
N5+00W2+00	6.8	18	50431.0	B
N5+00W2+23			50355.2	B
N5+00W2+50	7	tG.5	50304.6	3

SITE 11

GRID COORDINATES	EH-31 10 METER (mmhos/m)	EM-34 20 METER (mmhos/m)	MAGNETOMETER (gammas)	GRID
N5+25E0+25			49915.0	B
N5+25E0+50			50089.0	B
N5+25E0+75			50112.0	B
N5+25E1+00			50104.0	B
N5+25E1+25			49747.0	B
N5+25E1+50			49806.0	B
N5+25E1+75			49745.0	B
N5+25E2+00			49728.0	B
N5+25E2+25			50751.0	B
N5+25E2+50			50566.0	B
N5+25E2+75			51116.0	B
N5+25E3+00			49584.0	B
N5+23W0+00			50601.0	B
N5+25W0+25			49985.3	B
N5+25W0+50			50021.7	B
N5+25W0+75			50365.0	B
N5+25W1+00			50359.0	B
N3+25W1+23			50335.8	B
N5+25W1+50			50415.0	B
N3+25W1+73			50381.0	B
N5+25W2+00			50345.0	B
N3+25W2+23			50353.5	B
N5+25W2+50			50352.6	B
N5+50E0+25			50043.0	B
N5+50E0+50	1	18	49863.0	B
N5+50E0+75			50172.0	B
N5+50E1+00	30	35	30349.0	B
N5+50E1+25			51232.0	B
N5+50E1+50	84	30	50029.0	B
N5+50E1+75			50548.0	B
N5+50E2+00	44	66	50596.0	B
N5+50E2+25			30009.0	B
N5+50E2+50	79	76	-19362.0	B
N5+50E2+75			49037.0	B
N5+50E3+00	165	100	49864.0	B
N5+50W0+00	14.9	22	49462.0	B
N3+50W0+25			50008.0	B
N5+50W0+50	12.2	18.5	50277.0	B
N5+50W0+75			30311.1	B
N3+30W1+00	3.7	19	50429.0	B
N5+50W1+25			50376.0	B
N5+50W1+50	3	17	50399.9	B
N3+50W1+75			50396.5	B
N3+50W2+00	6.5	13	50395.0	B
N5+50W2+25			50376.7	B
N5+50W2+50	5.2	16.9	50338.7	B
N5+75W0+00			50245.0	B
N5+75W0+25			50230.7	B

SITE 11

GRID COORDISATES	Ell-34 10 METER (mmhos/m)	EM-31 20 METER (mmhos/m)	MAGNETOMETER (gammas)	GRID
N5+75W0+50			50357.2	B
N5+75W0+75			50367.5	B
N5+75W1+00			50391.7	B
N5+75W1+25			30424.0	B
N3+75W1+50			50403.4	B
N3+75W1+75			50390.6	B
N5+75W2+00			50383.0	B
N5+75W2+23			50331.4	B
N3+75W2+50			50279.7	B
N6+00E0+50	15	34		B
N6+00E1+00	ND	ND		B
N6+00E1+50	125	75		B
N6+00E2+00	90	68		B
N6+00E2+50	140	120		B
N6+00W0+00	13.9	13.5	30446.0	B
N6+00W0+25			50351.8	B
S6+00W0+50	9.5	17	50455.0	B
N6+00W0+73			50467.0	B
S6+00W1+00	8.3	17.5	50369.3	B
N6+00W1+25			50414.5	B
N6+00W1+50	8.1	13	50404.1	B
N6+00W1+75			50394.0	B
N6+00W2+00	6.5	16	50438.0	B
N6+00W2+25			50360.4	B
S6+00W2+50	5.9	15	50354.0	B
N6+25W0+00			50326.3	B
N6+25W0+25			50400.3	B
N6+25W0+50			50419.2	B
N6+25W0+75			50420.6	B
N6+25W1+00			50470.2	B
N6+25W1+25			50474.8	B
N6+25W1+50			30412.0	B
N6+25W1+75			50408.0	B
N6+25W2+00			50394.4	B
S6+25W2+25			50384.5	B
N6+25W2+50			30312.3	B
N6+30W0+00	13.3	18.5	50309.4	B
N6+50W0+25			50410.4	B
N6+50W0+50	8.9	12.5	50462.0	B
S6+50W0+75			50420.9	B
N6+50W1+00	7.5	13.5	50430.0	B
N6+50W1+25			50321.0	B
N6+50W1+50	8	14.9	50453.0	B
N6+30W1+75			50403.0	B
N6+50W2+00	6.6	14	50417.0	B
N6+50W2+25			50355.[illegible]	B
N6+50W2+50	6	13	50365.0	B
N6+75W0+00			30333.1	B

SITE 11

GRID COORDINATES	EM-34 10 METER (mmhos/m)	EM-34 20 METER (mmhos/m)	MAGNETOMETER (gammas)	GRID
N6+75W0+25			50413.2	B
N6+75W0t50			30421.2	B
N6+75W0+73			50423.0	B
N6+75W1+00			50437.6	B
N6+75W1+25			50418.6	B
N6+75W1+50			50303.0	B
N6+75W1+75			50414.0	B
N6+75W2+00			50398.0	B
N6t75W2+23			50372.7	B
N6+75W2+30			50330.8	B
S7+00W0+00	12	18.5	50441.0	B
N7+00W0t25			50415.9	B
N7+00W0+50	8.3	19.5	50452.9	B
N7+00W0+75			50435.1	B
S7+00W1+00	7.2	15.4	50392.6	B
N7+00W1+25			50434.5	B
N7+00W1+50	7	10.5	50429.0	B
N7+00W1+75			50424.5	B
N7+00W2+00	6	14	50448.0	B
N7+00W2+25			50384.1	B
N7+00W2+50	6.1	13.8	50186.0	B
N7+25W0+00			50387.1	B
N7+25W0t25			50415.1	B
N7+25W0+50			50440.5	B
N7+25W0+75			50438.2	B
N7+25W1+00			50456.4	B
N7+25W1+25			50433.6	B
N7+25W1+50			50434.2	B
N7+25W1t75			50420.6	B
N7+25W2t00			50407.2	B
N7+25W2+25			50388.0	B
N7+25W2+50			50403.6	B
N7+50W0+00	12	17.5	50303.6	B
N7+30W0+25			50417.6	B
N7t30W0+30	8	15.2	50460.0	B
N7+30W0+75			50434.5	B
N7+30W1+00	7	14.9	50380.0	B
N7+30W1+25			50436.4	B
N7+30W1+50	7	14.5	50535.0	B
N7+30W1+73			50431.1	B
N7+30W2+00	C.1	14	50434.0	B
N7+30W2+25			51326.0	B
N7+30W2+50	6	14	50344.8	5
N7+75W0+00			50337.6	B
N7+75W0+25			50416.9	B
N7+75W0+50			50430.0	B
N7+75W0+75			50131.C	B
N7+75W1+00			50441.3	B

SITE 11

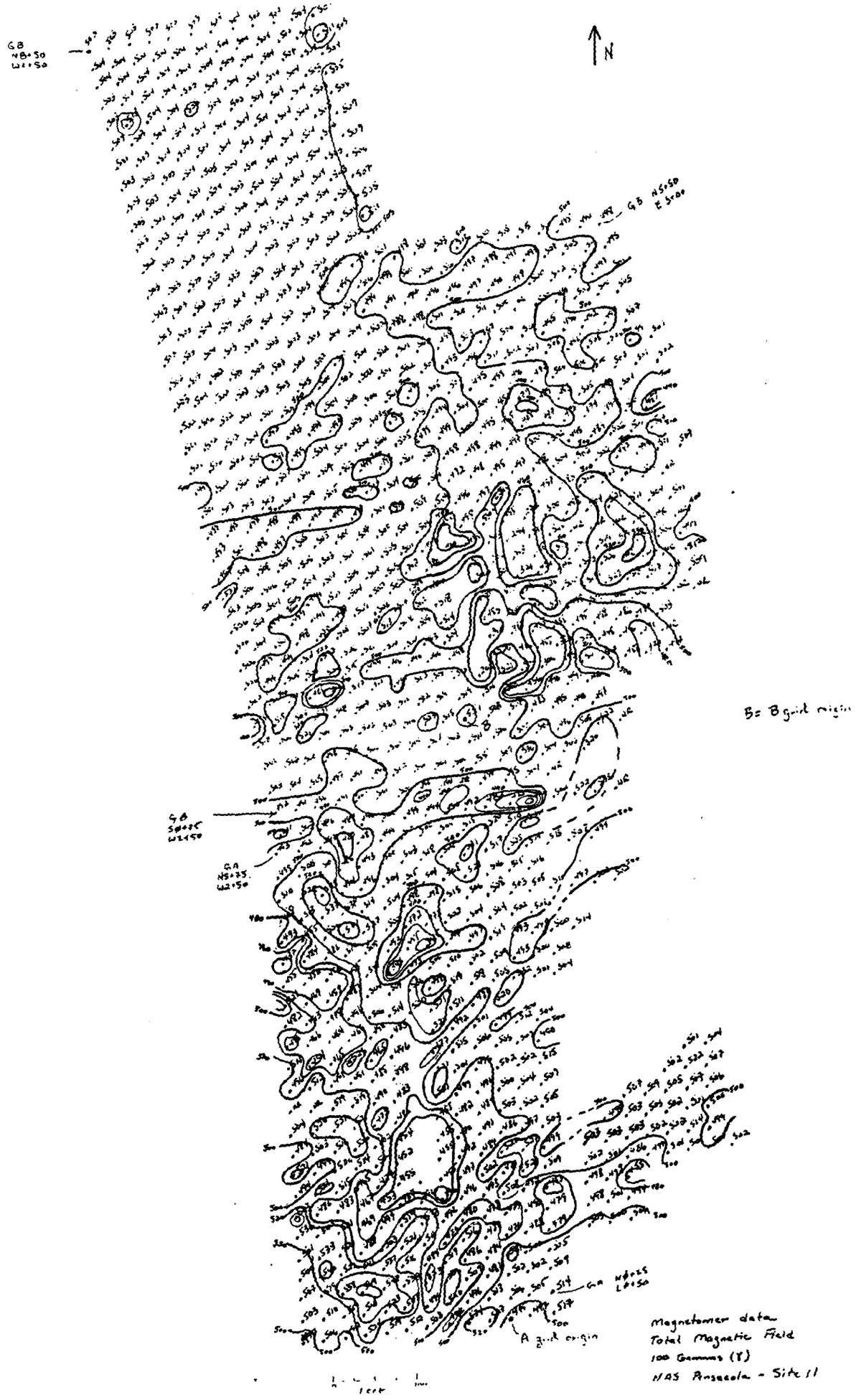
GRID COORDISXTES	EM-34 10 METER (mmhos/m)	EM-34 20 METER (mmhos/m)	MAGNETOMETER (gammas)	GRID
N7+75W1+25			50435.5	B
N7+75W1+50			50336.0	B
N7+75W1+75			50427.0	B
N7+75W2+00			50423.6	B
N7+75W2+23			50422.4	B
S7+75W2+50			50367.7	B
N8+00W0+00	10.2	17.5	50412.0	B
N8+00W0+25			50420.8	B
N8+00W0+50	7.2	16.2	50495.0	B
N8+00W0+75			50448.2	B
N8+00W1+00	6.9	14.9	50394.8	B
N8+00W1+25			50440.9	B
N8+00W1+50	6.5	12	50482.0	B
N8+00W1+75			30130.7	B
N8+00W2+00	6	14.5	50469.0	B
N8+00W2+23			50415.9	B
N8+00W2+50	6	13.8	50410.9	B
N8+25W0+00			50414.2	B
N8+25W0+25			30432.3	B
N8+25W0+50			50431.2	B
N8+25W0+75			50135.0	B
N8+25W1+00			50449.2	B
N8+25W1+23			50480.5	B
N8+25W1+50			50418.7	B
N8+25W1+75			50432.9	B
N8+25W2+00			50428.1	B
N8+25W2+25			50441.3	B
N8+25W2+50			50402.5	B
N8+50W0+00	11	18.2	50437.0	B
N8+50W0+25			50423.8	B
N8+50W0+50	7.5	17	50382.0	B
N8+50W0+75			50444.9	B
N8+50W1+00	6.5	15	50377.0	B
N8+50W1+25			50393.2	B
N8+50W1+50	7.2	14.2	50397.1	B
N8+30W1+75			50375.2	B
N8+50W2+00	6.4	14.5	50353.2	B
N8+50W2+25			50341.5	B
N8+50W2+50	7	14	50376.3	B
S0+00W0+00	34	61	32102.0	B
S0+00W0+25			51966.0	B
S0+00W0+50	23	44	52306.0	B
S0+00W0+75			51004.0	B
S0+00W1+00	18	34	50344.0	B
S0+00W1+25			50344.0	B
S0+00W1+30	14	33	30302.0	B.
S0+00W1+73			50187.0	B
S0+00W2+00	30.5	34	32110.0	B

SITE 11

GRID COORDINATES	EM-34 10 METER (mmhos/m)	EM-34 20 METER (mmhos/m)	MAGNETOMETER (gammas)	GRID
S0+00W2+25			50193.0	B
S0+00W2+50	21	38	51830.0	B
S0+25E0+25			50635.0	B
S0+25E0+50			50095.0	B
S0+25E0+75			50207.0	B
S0+25E1+00			49657.0	B
S0+25E1+25			50511.0	B
S0+25E1+50			32259.0	B
S0+25E1+75				B
S0+25W0+00			51180.0	B
S0+25W0+23			50326.0	B
S0+25W0+50			50406.0	B
S0+25W0+75			50049.0	B
S0+25W1+00			30008.0	B
S0+25W1+25			50042.0	B
S0+25W1+50			49522.0	B
S0+25W1+75			49828.0	B
S0+25W2+00			50076.0	B
S0+25W2+25			50242.0	B
S0+25W2+50			50036.0	B
S0+50E0+25			50966.0	B
S0+50E0+50	47	62	53626.0	B
S0+50E0+75			50117.0	B
S0+50E1+00	115	88	50794.0	B
S0+50E1+25			52000.0	B
S0+50E1+50	252	140		B
S0+50W0+00	32	60	50589.0	B
S0+50W0+23			50047.0	B
S0+50W0+30	22	46.5	50145.0	B
S0+50W0+73			50193.0	B
S0+30W1+00	16	35.5	50236.0	B
S0+30W1+25			49687.0	B
S0+50W1+30	20	42	49122.0	B
S0+50Wi+73			48724.0	B
S0+50W2+00	33.3	40.5	50541.0	B
S0+3OW2+23			50401.0	B
S0+50W2+50	20	32	50369.0	B
S0+75E0+25			49502.0	B
S0+75E0+50			50452.0	B
S0+75E0+75				B
S0+75E1+00				B
S0+75E1+25				B
S0+75E1+50				B
S0+75E1+75				B
S0+75W0+00			49843.0	B
S0+75W0+2j			48880.0	B
S0+75W0+50			49438.0	B
S0+75W0+75			49053.0	B

SITE 11

GRID COCRDINATES	EM-34 10 METER (mmhos/m)	Ell-34 20 METER (mmhos/m)	MAGNETOMETER (gammas)	GRID
S0+75W1+00			50008.0	B
S0+75W1+25			30104.0	B
S0+75W1+50			50015.0	B
S0+75W1+75			49178.0	B
S0+75W2+00			49621.0	B
S0+75W2+25			49118.0	B
S0+75W2+50			49271.0	B
S1+00E0+25			47520.0	B
S1+00E0+50	58	70	40291.0	B
S1+00E0+75			50261.0	B
S1+00E1+00	75	95	52223.0	B
S1+00E1+25			53338.0	B
S1+00E1+50	70	62		B
S1+00E1+75				B
S1+00E2+00	ND	SD		B
S1+00E2+25				B
S1+00E2+50	ND	SD		B
S1+00W0+00	80	59	48223.0	B
S1+00W0+25			49254.0	B
S1+00W0+50	42	46	49099.0	B
S1+00W0+75			19432.0	B
S1+00W1+00	28	38.3	49911.0	B
S1+00W1+25			50021.0	B
S1+00W1+50	30	50	49658.0	B
S1+00W1+75			48731.0	B
S1+00W2+00	68	35	48620.0	B
S1+00W2+25			50376.0	B
S1+00W2+30	26	44	51170.0	B
W0+00N8+50			50436.0	B


N
GB
NB+50
W1+50
GB
N5+50
E5+00
B= B grid origin
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W1+50
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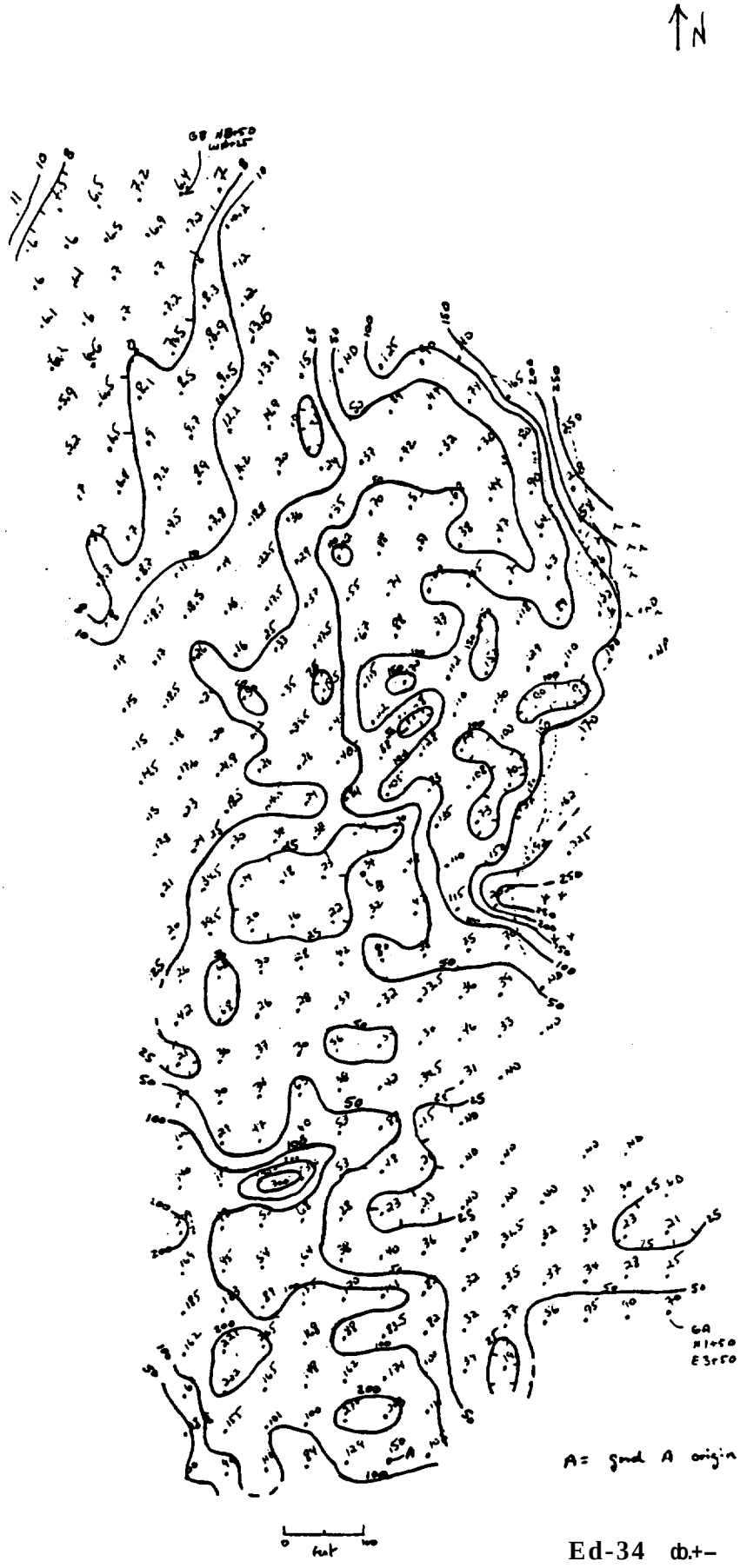
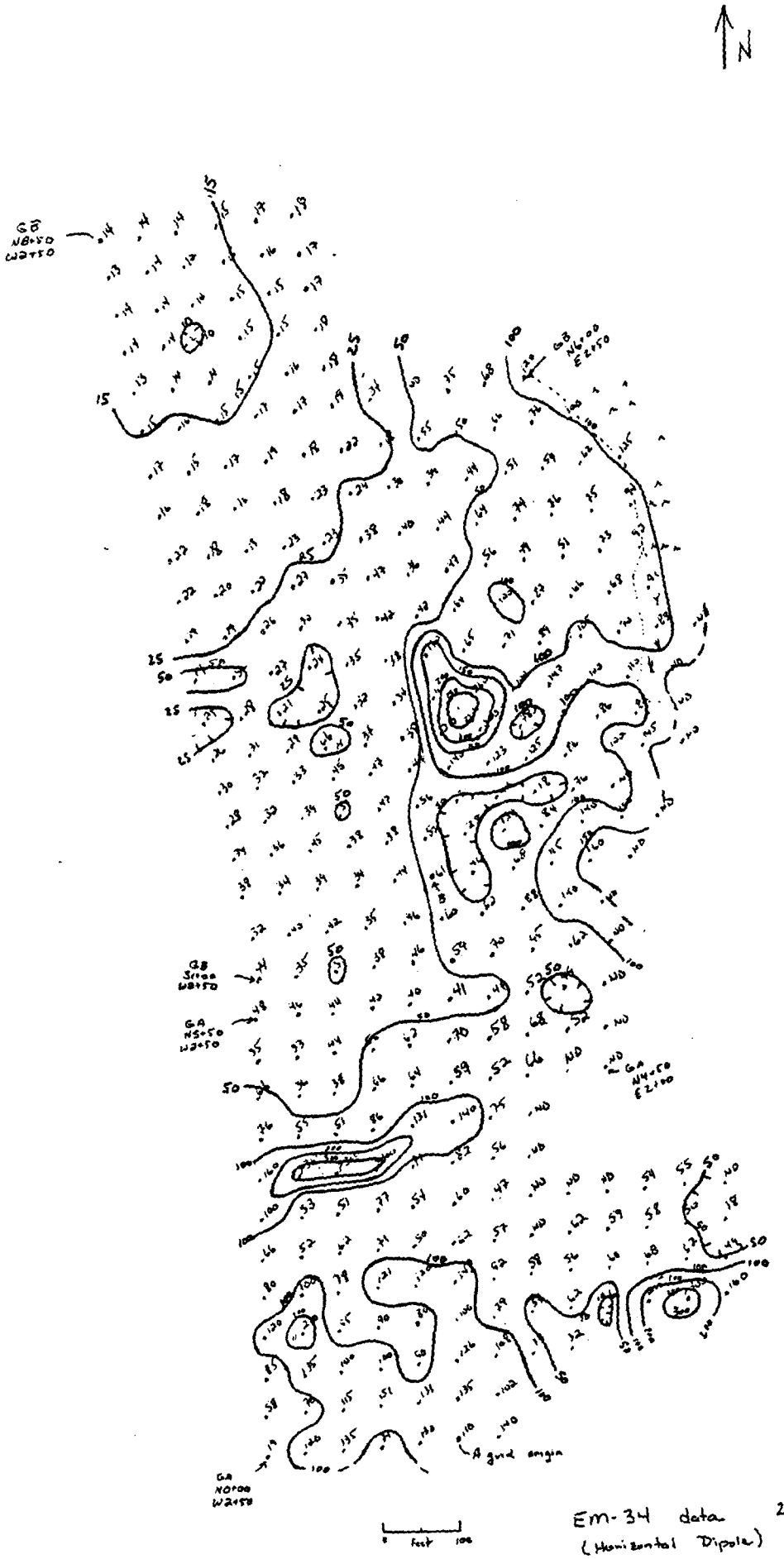
N5+25
W1+50
GB
N0+25
E0+50
A grid origin
Magnetometer data
Total Magnetic Field
100 Gammas (γ)
NAS Pensacola - Site 11



Ed-34 db.+- 10 meter coil spacing
(Horizontal Dipole)
conductivity (mmhos/m)
NAS Pensacola - Site 11



EM-34 data 20 meter coil spacing
(Horizontal Dipole)
conductivity (mmhos/m)

NAS Pensacola - Site II

APPENDIX E

TEMPORARY MONITORING WELL, SOIL BORING, AND LITHOLOGIC INFORMATION

SOIL BORING/TEMPORARY MONITORING WELL INFORMATION

1) Site no.: 11
2) Boring no./Well no.: P11B001/P11TW001
3) Drilling firm: Griner Drilling Service
4) Drilling method: ssa
5) Date drilled/installed: 01/17/91
6) Geologist: A. Twitty
7) Depth of boring (BLS): 10.0
8) Depth to water in borehole (BLS): 8.0
9) Highest open-borehole OVA/HnU reading (ppm): 130
10) Depth of well (BLS): 11.4
11) Length of well screen: 5
12) Length of casing (BLS): 6.40
13) Aprox. height of casing above land surface: 3.60
14) Depth to water in well (BTOC): 11.18
15) Elevation of TOC: 14.84
16) Water level elevation: 3.66
17) Date groundwater sampled: 01/20/91
18) pH (units): 6.60
19) Temperature (degrees C): 21.0
20) Specific conductance (umhos/cm): 64
21) Borehole/Well abandonment method: Backfilled with cuttings.
22) Comments: Readings for HNU/OVA are contained in the field logbook.

BOREHOLE LITHOLOGIC LOG

Sample Depth (BLS)	Sample Description
0-5	Sand, tan, clean, fine to medium grained.
5-10	Same, water at 8 ft.

Notes: All depths, lengths, heights, and elevations are measured in feet. All boreholes are 4 inches in diameter. All well casings and screens are 2-inch-diameter; well screen slot sizes are .010 inches. No annular material (i.e. filter pack, seal or grout) was used in well installation. Unless otherwise noted, all sand grains are quartz.

NA = not applicable
SSA = solid stem auger
HA = hand auger

BLS = below land surface
TOC = top of casing
BTOC = below top of casing

SOIL BORING/TEMPORARY MONITORING WELL INFORMATION

1) Site no.: 11
2) Boring no./Well no.: P11B002
3) Drilling firm: Griner Drilling Service
4) Drilling method: SSA
5) Date drilled/installed: 01/17/91
6) Geologist: J. Fugitt
7) Depth of boring (BLS): 10.0
8) Depth to water in borehole (BLS): 8.0
9) Highest open-borehole OVA/HnU reading (ppm): 7
10) Depth of well (BLS): NA
11) Length of well screen: NA
12) Length of casing (BLS): NA
13) Aprox. height of casing above land surface: NA
14) Depth to water in well (BTOC): NA
15) Elevation of TOC: NA
16) Water level elevation: NA
17) Date groundwater sampled: / /
18) pH (units): NA
19) Temperature (degrees C): NA
20) Specific conductance (umhos/cm): NA
21) Borehole/Well abandonment method: Ba kfilled with cuttings.
22) Comments: Readings for HNU/OVA are contained in the field logbook.

BOREHOLE LITHOLOGIC LOG

Sample Depth (BLS)	Sample Description
0-5	Sandy light brown to orangey medium grained, slightly silty.
5-10	Sand, dark gray to brown at 7 to 10 ft., water at 8 ft.

Notes: All depths, lengths, heights, and elevations are measured in feet. All boreholes are 4 inches in diameter. All well casings and screens are 2-inch-diameter; well screen slot sizes are .010 inches. No annular material (i.e. filter pack, seal or grout) was used in well installation. Unless otherwise noted, all sand grains are quartz.

NA = not applicable
SSA = solid stem auger
HA = hand auger

BLS = below land surface
TOC = top of casing
BTOC = below top of casing

SOIL BORING/TEMPORARY MONITORING WELL INFORHATION

1) Site no.: 11
2) Boring no./Well no.: P118003
3) Drilling firm: Griner Drilling Service
4) Drilling method: SSA
5) Date drilled/installed: 01/17/91
6) Geologist: J. Fugitt
7) Depth of boring (BLS): 10.0
8) Depth to water in borehole (BLS): *9.5*
9) Highest open-borehole OVA/HnU reading (ppm): *0*
10) Depth of well (BLS): NA
11) Length of well screen: NA
12) Length of casing (BLS): NA
13) Aprox. height of casing above land surface: NA
14) Depth to water in well (BTOC): NA
15) Elevation of TOC: NA
16) Water level elevation: NA
17) Date groundwater sampled: / /
18) pH (units): NA
19) Temperature (degrees C): NA
20) Specific conductance (umhos/cm): NA
21) Borehole/Well abandonment method: Backfilled with cuttings.
22) Comments: Readings for HNu/OVA are contained in the field logbook.

BOREHOLE LITHOLOGIC LOG

Sample Depth (BLS)	Sample Description
0-5	Sand, clean, tan to white, fine to medium grained.
5-10	Same, water at 9.5 to 10 ft.

Notes: All depths lengths, heights, and elevations are measured in feet. All boreholes are 4 inches in diameter. All well casings and screens are 2-inch-diameter; well screen slot sizes are .010 inches. No annular material (i.e. filter pack, seal or grout) was used in well installation. Unless otherwise noted, all sand grains are quartz.

NA = not applicable
SSA = solid stem auger
HA = hand auger

BLS = below land surface
TOC = top of casing
BTOC = below top of casing

SOIL BORING/TEMPORARY MONITORING WELL INFORMATION

1) Site no.: 11
2) Boring no./Well no.: P11B004
3) Drilling firm: Griner Drilling Service
4) Drilling method: SSA
5) Date drilled/installed: 01/17/91
6) Geologist: J. Fugitt
7) Depth of boring (BLS): 10.0
8) Depth to water in borehole (BLS): 6.0
9) Highest open-borehole OVA/HnU reading (ppm): 1000
10) Depth of well (BLS): NA
11) Length of well screen: NA
12) Length of casing (BLS): NA
13) Aprox. height of casing above land surface: NA
14) Depth to water in well (BTOC): NA
15) Elevation of TOC: NA
16) Vater level elevation: NA
17) Date groundwater sampled: / /
18) pH (units): NA
19) Temperature (degrees C): NA
20) Specific conductance (umhos/cm): NA
21) Borehole/Well abandonment method: Backfilled with cuttings
22) Comments: Readings for HNu/OVA are contained in the field logbook.

BOREHOLE LITHOLOGIC LOG

Sample Depth (BLS)	Sample Description
0-5	Sand, light brown, medium grained, slight odor.
5-10	Same, wet at 6 ft. Petroleum odor noted.

Notes: All depths, lengths, heights, and elevations are measured in feet. All boreholes are 4 inches in diameter. All well casings and screens are 2-inch-diameter; well screen slot sizes are .010 inches. No annular material (i.e. filter pack, seal or grout) was used in well installation. Unless otherwise noted, all sand grains are quartz.

NA = not applicable
SSA = solid stem auger
HA = hand auger

BLS = below land surface
TOC = top of casing
BTOC = below top of casing

SOIL BORING/TEMPORARY MONITORING WELL INFORMATION

1) Site no.: 11
2) Boring no./Well no.: P11B005/P11TW005
3) Drilling firm: Griner Drilling Service
4) Drilling method: SSA
5) Date drilled/installed: 01/17/91
6) Geologist: J. Fugitt
7) Depth of boring (BLS): 8.5
8) Depth to water in borehole (BLS): 6.5
9) Highest open-borehole OVA/HnU rea-ing (ppm): 0
10) Depth of well (BLS): 8.6
11) Length of well screen: 5
12) Length of casing (BLS): 3.64
13) Aprox. height of casing above land surface: 1.36
14) Depth to water in well (BTOC): 8.02
15) Elevation of TOC: 11.33
16) Water level elevation: 3.31
17) Date groundwater sampled: 01/20/91
18) pH (units): 5.80
19) Temperature (degrees C): 20.0
20) Specific conductance (umhos/cm): 89
21) Borehole/Well abandonment method: Backfilled with cuttings.
22) Comments: No sheen, slight hydrocarbon odor, HNu readings in logbook.

BOREHOLE LITHOLOGIC LOG

Sample Depth (BLS)	Sample Description
0-5	Sand, tan, clean, medium grained.
5-6.5	Sand, brown, slight petroleum odor, water at 6.5 ft.

Notes: All depths, lengths, heights, and elevations are measured in feet. All boreholes are 4 inches in diameter. All well casings and screens are 2-inch-diameter; well screen slot sizes are .010 inches. No annular material (i.e. filter pack, seal or grout) was used in well installation. Unless otherwise noted, all sand grains are quartz.

NA = not applicable
SSA = solid stem auger
HA = hand auger

BLS = below land surface
TOC = top of casing
BTOC = below top of casing

SOIL BORING/TEMPORARY MONITORING WELL INFORMATION

1) Site no.: 11
2) Boring no./Well no.: P11B006
3) Drilling firm: Griner Drilling Service
4) Drilling method: HA
5) Date drilled/installed: 01/16/91
6) Geologist: J. Fugitt
7) Depth of boring (BLS): 6.0
8) Depth to water in borehole (BLS): 5.5
9) Highest open-borehole OVA/HnU reading (ppm): 0
10) Depth of well (BLS): NA
11) Length of well screen: NA
12) Length of casing (BLS): NA
13) Aprox. height of casing above land surface: NA
14) Depth to water in well (BTOC): NA
15) Elevation of TOC: NA
16) Water level elevation: NA
17) Date groundwater sampled: / /
18) pH (units): NA
19) Temperature (degrees C): NA
20) Specific conductance (umhos/cm): NA
21) Borehole/Well abandonment method: Backfilled with cuttings.
22) Comments: Readings for HNu/OVA are contained in the field logbook.

BOREHOLE LITHOLOGIC LOG

Sample Depth (BLS)	Sample Description
0-5	Sand, white to light tan, fine to medium grained.
5-6	Sand, dark brown, dirty, water at 5.5 to 6 ft.

Notes: All depths, lengths, heights, and elevations are measured in feet. All boreholes are 4 inches in diameter. All well casings and screens are 2-inch-diameter; well screen slot sizes are .010 inches. No annular material (i.e. filter pack, seal or grout) was used in well installation. Unless otherwise noted, all sand grains are quartz.

NA = not applicable
SSA = solid stem auger
HA = hand auger

BLS = below land surface
TOC = top of casing
BTOC = below top of casing

SOIL BORING/TEMPORARY MONITORING WELL INFORMATION

1) Site no.: 11
2) Boring no./Well no.: P11B007/P11TW007
3) Drilling firm: Griner Drilling Service
4) Drilling method: HA
5) Date drilled/installed: 01/16/91
6) Geologist: J. Fugitt
7) Depth of boring (BLS): 4.0
8) Depth to water in borehole (BLS): 1.0
9) Highest open-borehole OVA/HnU reading (ppm): 0
10) Depth of well (BLS): 3.4
11) Length of well screen: 5
12) Length of casing (BLS): NA
13) Aprox. height of casing above land surface: 1.60
14) Depth to water in well (BTOC): 2.56
15) Elevation of TOC: 4.13
16) Water level elevation: 1.57
17) Date groundwater sampled: 01/20/91
18) pH (units): 6.30
19) Temperature (degrees C): 17.0
20) Specific conductance (umhos/cm): 3000
21) Borehole/Well abandonment method: Backfilled with cuttings.
22) Comments: Readings for HNu/OVA are contained in the field logbook.

BOREHOLE LITHOLOGIC LOG

Sample Depth (BLS)	Sample Description
0-4	Sand, tan to light brown, fine to medium grained, water at 1 foot.

Notes: All depths, lengths, heights, and elevations are measured in feet. All boreholes are 4 inches in diameter. All well casings and screens are 2-inch-diameter; well screen slot sizes are .010 inches. No annular material (i.e. filter pack, seal or grout) was used in well installation. Unless otherwise noted, all sand grains are quartz.

NA = not applicable
SSA = solid stem auger
HA = hand auger

BLS = below land surface
TOC = top of casing
BTOC = below top of casing

SOIL BORING/TEMPORARY HONITORING WELL INFORHATION

1) Site no.: 11
2) Boring no./Well no.: P11B008/P11TW008
3) Drilling firm: Griner Drilling Service
4) Drilling method: SSA
5) Date drilled/installed: 01/17/91
6) Geologist: J. Fugitt
7) Depth of boring (BLS): 8.5
8) Depth to water in borehole (BLS): 5.5
9) Highest open-borehole OVA/HnU reading (ppm): 1000
10) Depth of well (BLS): 8.4
11) Length of well screen: 5
12) Length of casing (BLS): 3.40
13) Aprox. height of casing above land surface: 1.60
14) Depth to water in well (BTOC): 5.92
15) Elevation of TOC: 10.76
16) Water level elevation: 4.84
17) Date groundwater sampled: 01/20/91
18) pH (units): 5.70
19) Temperature (degrees C): 18.0
20) Specific conductance (umhos/cm): 390
21) Borehole/Well abandonment method: Backfilled with cuttings.
22) Comments: Readings for HNu/OVA are contained in the field logbook.

BOREHOLE LITHOLOGIC LOG

Sample Depth (BLS)	Sample Description
0-5	Sand, clean, dark brown, fine to medium grained. Debris and wire encountered.
5-10	Sand, dark gray to black with garbage debris, glass, wire. Water at 5.5 ft.

Notes: All depths, lengths, heights, and elevations are measured in feet. All boreholes are 4 inches in diameter. All well casings and screens are 2-inch-diameter; well screen slot sizes are .010 inches. No annular material (i.e. filter pack, seal or grout) was used in well installation. Unless otherwise noted, all sand grains are quartz.

NA = not applicable
SSA = solid stem auger
HA = hand auger

BLS = below land surface
TOC = top of casing
BTOC = below top of casing

SOIL BORING/TEMPORARY MONITORING WELL INFORMATION

1) Site no.: 11
2) Boring no./Well no.: P11B009
3) Drilling firm: Griner Drilling Service
4) Drilling method: SSA
5) Date drilled/installed: 01/17/91
6) Geologist: J. Fugitt
7) Depth of boring (BLS): 5.0
8) Depth to water in borehole (BLS): 3.0
9) Highest open-borehole OVA/HnU reading (ppm): 1000
10) Depth of well (BLS): NA
11) Length of well screen: NA
12) Length of casing (BLS): NA
13) Aprox. height of casing above land surface: NA
14) Depth to water in well (BTOC): NA
15) Elevation of TOC: NA
16) Water level elevation: NA
17) Date groundwater sampled: / /
18) pH (units): NA
19) Temperature (degrees C): NA
20) Specific conductance (umhos/cm): NA
21) Borehole/Well abandonment method: Backfilled with cuttings.
22) Comments: Readings for HNu/OVA are contained in the field logbook.

BOREHOLE LITHOLOGIC LOG

Sample Depth (BLS)	Sample Description
0-5	Sand, light tan to light brown, medium grained. Water at 3 ft. Petroleum odor.

Notes: All depths, lengths, heights, and elevations are measured in feet. All boreholes are 4 inches in diameter. All well casings and screens are 2-inch-diameter; well screen slot sizes are .010 inches. No annular material (i.e. filter pack, seal or grout) was used in well installation. Unless otherwise noted, all sand grains are quartz.

NA = not applicable
SSA = solid stem auger
HA = hand auger

BLS = below land surface
TOC = top of casing
BTOC = below top of casing

SOIL BORING/TEMPORARY MONITORING WELL INFORHATION

1) Site no.: 11
2) Boring no./Well no.: P11B010
3) Drilling firm: Griner Drilling Service
4) Drilling method: HA
5) Date drilled/installed: 01/16/91
6) Geologist: J. Pugitt
7) Depth of boring (BLS): 0.5
8) Depth to water in borehole (BLS): 0.2
9) Highest open-borehole OVA/HnU reading (ppm): 0
10) Depth of well (BLS): NA
11) Length of well screen: NA
12) Length of casing (BLS): NA
13) Aprox. height of casing above land surface: NA
14) Depth to water in well (BTOC): NA
15) Elevation of TOC: NA
16) Water level elevation: NA
17) Date groundwater sampled: / /
18) pH (units): NA
19) Temperature (degrees C): NA
20) Specific conductance (umhos/cm): NA
21) Borehole/Well abandonment method: Backfilled with cuttings.
22) Comments: Readings for HNu/OVA are contained in the field logbook.

BOREHOLE LITHOLOGIC LOG

Sample Depth (BLS)	Sample Description
0-0.5	Silty sand, dark brown to tan, wet, water at 3 inches.

Notes: All depths lengths, heights, and elevations are measured in feet. All boreholes are 4 inches in diameter. All well casings and screens are 2-inch-diameter; well screen slot sizes are .010 inches. No annular material (i.e. filter pack, seal or grout) was used in well installation. Unless otherwise noted, all sand grains are quartz.

NA = not applicable
SSA = solid stem auger
HA = hand auger

BLS = below land surface
TOC = top of casing
BTOC = below top of casing

SOIL BORING/TEMPORARY MONITORING WELL INFORHATION

1) Site no.: 11
2) Boring no./Well no.: P11B011
3) Drilling firm: Griner Drilling Service
4) Drilling method: HA
5) Date drilled/installed: 01/18/91
6) Geologist: J. Fugitt
7) Depth of boring (BLS): *4.0*
8) Depth to water in borehole (BLS): 4.0
9) Highest open-borehole OVA/HnU reading (ppm): 2
10) Depth of well (BLS): NA
11) Length of well screen: NA
12) Length of casing (BLS): NA
13) Aprox. height of casing above land surface: NA
14) Depth to water in well (BTOC): NA
15) Elevation of TOC: NA
16) Water level elevation: NA
17) Date groundwater sampled: / /
18) pH (units): NA
19) Temperature (degrees C): NA
20) Specific conductance (umhos/cm): NA
21) Borehole/Well abandonment method: Backfilled with cuttings.
22) Comments: Readings HNu/OVA are contained in the field logbook.

BOREHOLE LITHOLOGIC LOG

Sample Depth (BLS)	Sample Description
0-4	Slightly silty sand, brown-tan to white with clay on thin layers. Black stained sand in lumps. Water at 4 ft.

Notes: All depths, lengths, heights, and elevations are measured in feet. All boreholes are 4 inches in diameter. All well casings and screens are 2-inch-diameter; well screen slot sizes are .010 inches. No annular material (i.e. filter pack, seal or grout) was used in well installation. Unless otherwise noted, all sand grains are quartz.

NA = not applicable
SSA = solid stem auger
HA = hand auger

BLS = below land surface
TOC = top of casing
BTOC = below top of casing

SOIL BORING/TEMPORARY MONITORING WELL INFORMATION

1) Site no.: 11
2) Boring no./Well no. : P11BO12/P11TWO12
3) Drilling firm: Griner Drilling Service
4) Drilling method: SSA
5) Date drilled/installed: 01/18/91
6) Geologist: J. Fugitt
7) Depth of boring (BLS): 10.0
8) Depth to water in borehole (BLS): 7.5
9) Highest open-borehole OVA/HnU reading (ppm): 1000
10) Depth of well (BLS): 8.2
11) Length of well screen: 5
12) Length of casing (BLS): 3.22
13) Aprox. height of casing above land surface: 4.80
14) Depth to water in well (BTOC): 8.52
15) Elevation of TOC: 14.04
16) Water level elevation: 5.52
17) Date groundwater sampled: 01/20/91
18) pH (units): 5.20
19) Temperature (degrees C): 22.0
20) Specific conductance (umhos/cm): 330
21) Borehole/Well abandonment method: Backfilled with cuttings.
22) Comments: Readings for HNu/OVA are contained in the field logbook.

BOREHOLE LITHOLOGIC LOG

Sample Depth (BLS)	Sample Description
0-5	Sand, clean, medium rained to 3 ft., becomes clayey sand, red and brown fo 5 ft.
5-10	Sand, extremely black to gray, oily vith petroleum odor. Water at 7.5 ft..

Notes: All depths, lengths, heights, and elevations are measured in feet. All boreholes are 4 inches in diameter. All well casings and screens are 2-inch-diameter; well screen slot sizes are .010 inches. No annular material (i.e. filter pack, seal or grout) was used in well installation. Unless otherwise noted, all sand grains are quartz.

NA = not applicable
SSA = solid stem auger
HA = hand auger

BLS = below land surface
TOC = top of casing
BTOC = below top of casing

SOIL BORING/TEMPORARY MONITORING WELL INFORMATION

1) Site no.: 11
2) Boring no./Well no.: P118013
3) Drilling firm: Griner Drilling Service
4) Drilling method: SSA
5) Date drilled/installed: 01/17/91
6) Geologist: J. Fugitt
7) Depth of boring (BLS): 10.0
8) Depth to water in borehole (BLS): 9.0
9) Highest open-borehole OVA/HnU reading (ppm): 0
10) Depth of well (BLS): NA
11) Length of well screen: NA
12) Length of casing (BLS): NA
13) Aprox. height of casing above land surface: NA
14) Depth to water in well (BTOC): NA
15) Elevation of TOC: NA
16) Water level elevation: NA
17) Date groundwater sampled: / /
18) pH (units): NA
19) Temperature (degrees C): NA
20) Specific conductance (umhos/cm): NA
21) Borehole/Well abandonment method: Backfilled with cuttings.
22) Comments: Readings for HNu/OVA are contained in the field logbook.

BOREHOLE LITHOLOGIC LOG

Sample Depth (BLS)	Sample Description
0-5	Clayey sand, red in upper 6 inches, becomes sand, clean, tan, fine to medium grained.
5-6.5	Sand, orange-brown, fine to medium grained.
6.5-10	Sand, very black with debris, metal, glass, wire and petroleum odor. Water at 9 ft.

Notes: All depths, lengths, heights, and elevations are measured in feet. All boreholes are 4 inches in diameter. All well casings and screens are 2-inch-diameter; well screen slot sizes are .010 inches. No annular material (i.e. filter pack, seal or grout) was used in well installation. Unless otherwise noted, all sand grains are quartz.

NA = not applicable
SSA = solid stem auger
HA = hand auger

BLS = below land surface
TOC = top of casing
BTOC = below top of casing

SOIL BORING/TEMPORARY MONITORING WELL INFORMATION

1) Site no.: 11
2) Boring no./Well no.: P11B014/P11TW014
3) Drilling firm: Griner Drilling Service
4) Drilling method: HA
5) Date drilled/installed: 01/16/91
6) Geologist: J. Fugitt
7) Depth of boring (BLS): 4.0
8) Depth to water in borehole (BLS): 1.0
9) Highest open-borehole OVA/HnU reading (ppm): 0
10) Depth of well (BLS): 3.4
11) Length of well screen: 5
12) Length of casing (BLS): NA
13) Aprox. height of casing above land surface: 1.56
14) Depth to water in well (BTOC): 2.73
15) Elevation of TOC: 4.76
16) Water level elevation: 2.03
17) Date groundwater sampled: 01/20/91
18) pH (units): 6.60
19) Temperature (degrees C): 20.0
20) Specific conductance (umhos/cm): 460
21) Borehole/Well abandonment method: Backfilled with cuttings.
22) Comments: Readings for HNu/OVA are contained in the field logbook.

BOREHOLE LITHOLOGIC LOG

Sample Depth (BLS)	Sample Description
0-4	Sand, very black to gray stained, becomes tan at 3 ft.

Notes: All depths, lengths, heights, and elevations are measured in feet. All boreholes are 4 inches in diameter. All well casings and screens are 2-inch-diameter; well screen slot sizes are .010 inches. No annular material (i.e. filter pack, seal or grout) was used in well installation. Unless otherwise noted, all sand grains are quartz.

NA = not applicable
SSA = solid stem auger
HA = hand auger

BLS = below land surface
TOC = top of casing
BTOC = below top of casing

SOIL BORING/TEMPORARY MONITORING WELL INFORMATION

1) Site no.: 11
2) Boring no./Well no.: P118015
3) Drilling firm: Griner Drilling Service
4) Drilling method: HA
5) Date drilled/installed: 01/21/91
6) Geologist: J. Fugitt
7) Depth of boring (BLS): 7.0
8) Depth to water in borehole (BLS): 7.0
9) Highest open-borehole OVA/HnU reading (ppm): 0
10) Depth of well (BLS): NA
11) Length of well screen: NA
12) Length of casing (BLS): NA
13) Aprox. height of casing above land surface: NA
14) Depth to water in well (BTOC): NA
15) Elevation of TOC: NA
16) Water level elevation: NA
17) Date groundwater sampled: / /
18) pH (units): NA
19) Temperature (degrees C): NA
20) Specific conductance (umhos/cm): NA
21) Borehole/Well abandonment method: Backfilled with cuttings.
22) Comments: Readings for HNu/OVA are contained in the field logbook.

BOREHOLE LITHOLOGIC LOG

Sample Depth (BLS)	Sample Description
0-5	Sand, light tan to light brown, becoming dark stained at 5 ft.
5-7	Sand, dark stained to white. Water at 7 ft.

Notes: All depths, lengths, heights, and elevations are measured in feet. All boreholes are 4 inches in diameter. All well casings and screens are 2-inch-diameter; well screen slot sizes are .010 inches. No annular material (i.e. filter pack, seal or grout) was used in well installation. Unless otherwise noted, all sand grains are quartz.

NA = not applicable
SSA = solid stem auger
HA = hand auger

BLS = below land surface
TOC = top of casing
BTOC = below top of casing

SOIL BORING/TEMPORARY MONITORING WELL INFORMATION

1) Site no.: 11
2) Boring no./Well no.: P11B016
3) Drilling firm: Griner Drilling Service
4) Drilling method: HA
5) Date drilled/installed: 01/18/91
6) Geologist: J. Fugitt
7) Depth of boring (BLS): 5.5
8) Depth to water in borehole (BLS): 5.5
9) Highest open-borehole OVA/HnU reading (ppm): 4
10) Depth of well (BLS): NA
11) Length of well screen: NA
12) Length of casing (BLS): NA
13) Aprox. height of casing above land surface: NA
14) Depth to water in well (BTOC): NA
15) Elevation of TOC: NA
16) Water level elevation: NA
17) Date groundwater sampled: / /
18) pH (units): NA
19) Temperature (degrees C): NA
20) Specific conductance (umhos/cm): NA
21) Borehole/Well abandonment method: Backfilled with cuttings.
22) Comments: Readings for HNu/OVA are contained in the field logbook.

BOREHOLE LITHOLOGIC LOG

Sample Depth (BLS)	Sample Description
0-5.5	Silty sand, brown to gray, medium to fine grained.

Notes: All depths, lengths, heights, and elevations are measured in feet. All boreholes are 4 inches in diameter. All well casings and screens are 2-inch-diameter; well screen slot sizes are .010 inches. No annular material (i.e. filter pack, seal or grout) was used in well installation. Unless otherwise noted, all sand grains are quartz.

NA = not applicable
SSA = solid stem auger
HA = hand auger

BLS = below land surface
TOC = top of casing
BTOC = below top of casing

SOIL BORING/TEMPORARY MONITORING WELL INFORHATION

1) Site no.: 11
2) Boring no./Well no.: P11B017
3) Drilling firm: Griner Drilling Service
4) Drilling method: HA
5) Date drilled/installed: 01/16/91
6) Geologist: J. Fugitt
7) Depth of boring (BLS): 1.0
8) Depth to water in borehole (BLS): 0.6
9) Highest open-borehole OVA/HnU reading (ppm): 0
10) Depth of well (BLS): NA
11) Length of well screen: NA
12) Length of casing (BLS): NA
13) Aprox. height of casing above land surface: NA
14) Depth to water in well (BTOC): NA
15) Elevation of TOC: NA
16) Water level elevation: NA
17) Date groundwater sampled: / /
18) pH (units): NA
19) Temperature (degrees C): NA
20) Specific conductance (umhos/cm): NA
21) Borehole/Well abandonment method: Backfilled with cuttings.
22) Comments: Readings for HNu/OVA are contained in the field logbook.

BOREHOLE LITHOLOGIC LOG

Sample Depth (BLS)	Sample Description
0-1	Silty sand, dark brown, fine to medium grained. Water at 8 inches.

Notes: All depths, lengths, heights, and elevations are measured in feet. All boreholes are 4 inches in diameter. All well casings and screens are 2-inch-diameter; well screen slot sizes are .010 inches. No annular material (i.e. filter pack, seal or grout) was used in well installation. Unless otherwise noted, all sand grains are quartz.

NA = not applicable
SSA = solid stem auger
HA = hand auger

BLS = below land surface
TOC = top of casing
BTOC = below top of casing

SOIL BORING/TEMPORARY MONITORING WELL INFORMATION

1) Site no.: 11
2) Boring no./Well no.: P11B018
3) Drilling firm: Griner Drilling Service
4) Drilling method: EA
5) Date drilled/installed: 01/16/91
6) Geologist: J. Fugitt
7) Depth of boring (BLS): 2.5
8) Depth to water in borehole (BLS): 2.0
9) Highest open-borehole OVA/HnU reading (ppm): 0
10) Depth of well (BLS): NA
11) Length of well screen: NA
12) Length of casing (BLS): NA
13) Aprox. height of casing above land surface: NA
14) Depth to water in well (BTOC): NA
15) Elevation of TOC: NA
16) Water level elevation: NA
17) Date groundwater sampled: / /
18) pH (units): NA
19) Temperature (degrees C): NA
20) Specific conductance (umhos/cm): NA
21) Borehole/Well abandonment method: Backfilled with cuttings.
22) Comments: Readings for HNu/OVA are contained in the field logbook.

BOREEOLE LITHOLOGIC LOG

Sample Depth (BLS)	Sample Description
0-2.5	Sand, tan, fine to medium grained, becomes black, dirty at 2 ft., water at 2 ft.

Notes: All depths, lengths, heights, and elevations are measured in feet. All boreholes are 4 inches in diameter. All well casings and screens are 2-inch-diameter; well screen slot sizes are .010 inches. No annular material (i.e. filter pack, seal or grout) was used in well installation. Unless otherwise noted, all sand grains are quartz.

NA = not applicable
SSA = solid stem auger
HA = hand auger

BLS = below land surface
TOC = top of casing
BTOC = below top of casing

SOIL BORING/TEMPORARY MONITORING WELL INFORMATION

1) Site no.: 11
2) Boring no./Well no.: P11B019
3) Drilling firm: Griner Drilling Service
4) Drilling method: SSA
5) Date drilled/installed: 01/22/91
6) Geologist: J. Fugitt
7) Depth of boring (BLS): 5.0
8) Depth to water in borehole (BLS): *4.0*
9) Highest open-borehole OVA/HnU reading (ppm): 1000
10) Depth of well (BLS): NA
11) Length of well screen: NA
12) Length of casing (BLS): NA
13) Aprox. height of casing above land surface: NA
14) Depth to water in well (BTOC): NA
15) Elevation of TOC: NA
16) Water level elevation: NA
17) Date groundwater sampled: / /
18) pH (units): NA
19) Temperature (degrees C): NA
20) Specific conductance (umhos/cm): NA
21) Borehole/Well abandonment method: Backfilled with cuttings.
22) Comments: Readings for HNu/OVA are contained in the field logbook.

BOREHOLE LITHOLOGIC LOG

Sample Depth (BLS)	Sample Description
0-5	Silty sand, dark brown and tan, water at 4 ft. Petroleum odor and staining from 3.5 to 5 ft.

Notes: All depths, lengths, heights, and elevations are measured in feet. All boreholes are 4 inches in diameter. All well casings and screens are 2-inch-diameter; well screen slot sizes are .010 inches. No annular material (i.e. filter pack, seal or grout) was used in well installation. Unless otherwise noted, all sand grains are quartz.

NA = not applicable
SSA = solid stem auger
HA = hand auger

BLS = below land surface
TOC = top of casing
BTOC = below top of casing

SOIL BORING/TEMPORARY MONITORING WELL INFORMATION

1) Site no.: 11
2) Boring no./Well no.: P11B020
3) Drilling firm: Griner Drilling Service
4) Drilling method: SSA
5) Date drilled/installed: 01/22/91
6) Geologist: J. Fugitt
7) Depth of boring (BLS): 5.0
8) Depth to water in borehole (BLS): 4.0
9) Highest open-borehole OVA/HnU reading (ppm): 200
10) Depth of well (BLS): NA
11) Length of well screen: NA
12) Length of casing (BLS): NA
13) Aprox. height of casing above land surface: NA
14) Depth to water in well (BTOC): NA
15) Elevation of TOC: NA
16) Water level elevation: NA
17) Date groundwater sampled: / /
18) pH (units): NA
19) Temperature (degrees C): NA
20) Specific conductance (umhos/cm): NA
21) Borehole/Well abandonment method: Backfilled with cuttings.
22) Comments: Readings for HNu/OVA are contained in the field logbook.

BOREHOLE LITHOLOGIC LOG

Sample Depth (BLS)	Sample Description
0-1	Clayey sand, red.
1-4	Sand, tan to brown, dark stained sand with petroleum odor at 4 ft.

Notes: All depths, lengths, heights, and elevations ate measured in feet. All boreholes are 4 inches in diameter. All well casings and screens are 2-inch-diameter; well screen slot sizes are .010 inches. No annular material (i.e. filter pack, seal or grout) was used in well installation. Unless otherwise noted, all sand grains are quartz.

NA = not applicable
SSA = solid stem auger
HA = hand auger

BLS = below land surface
TOC = top of casing
BTOC = below top of casing

SOIL BORING/TEMPORARY MONITORING WELL INFORHATION

1) Site no.: 11
2) Boring no./Well no.: P11B021/P11TW021
3) Drilling firm: Griner Drilling Service
4) Drilling method: SSA
5) Date drilled/installed: 01/21/91
6) Geologist: J. Fugitt
7) Depth of boring (BLS): 10.0
8) Depth to water in borehole (BLS): 4.0
9) Highest open-borehole OVA/HnU reading (ppm): 1000
10) Depth of well (BLS): 6.7
11) Length of well screen: 5
12) Length of casing (BLS): 1.70
13) Aprox. height of casing above land surface: 3.30
14) Depth to water in well (BTOC): 5.51
15) Elevation of TOC: 8.12
16) Water level elevation: 2.61
17) Date groundwater sampled: 01/22/91
18) pH (units): 7.70
19) Temperature (degrees C): 21.0
20) Specific conductance (umhos/cm): 390
21) Borehole/Well abandonment method: Backfilled with cuttings.
22) Comments: Strong hydrocarbon odor, oily sheen, HNu reading in logbook.

BOREHOLE LITHOLOGIC LOG

(BLS)	Sample Description
0-5	Silty sand, light brown to tan, some petroleum stained sand. Water at 4 ft.
5-10	Same. Wet.

Notes: All depths, lengths, heights, and elevations are measured in feet. All boreholes are 4 inches in diameter. All well casings and screens are 2-inch-diameter; well screen slot sizes are .010 inches. No annular material (i.e. filter pack, seal or grout) was used in well installation. Unless otherwise noted, all sand grains are quartz.

NA = not applicable
SSA = solid stem auger
HA = hand auger

BLS = below land surface
TOC = top of casing
BTOC = below top of casing

SOIL BORING/TEMPORARY MONITORING WELL INFORMATION

1) Site no.: 11
2) Boring no./Well no.: P11B022
3) Drilling firm: Griner Drilling Service
4) Drilling method: HA
5) Date drilled/installed: 01/21/91
6) Geologist: J. Fugitt
7) Depth of boring (BLS): *4.5*
8) Depth to water in borehole (BLS): *4.5*
9) Highest open-borehole OVA/HnU reading (ppm): 1000
10) Depth of well (BLS): NA
11) Length of well screen: NA
12) Length of casing (BLS): NA
13) Aprox, height of casing above land surface: NA
14) Depth to water in well (BTOC): NA
15) Elevation of TOC: NA
16) Water level elevation: NA
17) Date groundvater sampled: / /
18) pH (units): NA
19) Temperature (degrees C): NA
20) Specific conductance (umhos/cm): NA
21) Borehole/Well abandonment method: Backfilled with cuttings.
22) Comments: Readings for HNu/OVA are contained in the field logbook.

BOREHOLE LITHOLOGIC LOG

Sample Depth (BLS)	Sample Description
0-4.5	Sand, light brown to tan, medium grained to silty to dark, stained, saturated sand at approx 4 ft., petroleum odor.

Notes: All depths, lengths, heights, and elevations are measured in feet. All boreholes are 4 inches in diameter. All well casings and screens are 2-inch-diameter; well screen slot sizes are .010 inches. No annular material (i.e. filter pack, seal or grout) was used in well installation. Unless otherwise noted, all sand grains are quartz.

NA = not applicable
SSA = solid stem auger
HA = hand auger

BLS = below land surface
TOC = top of casing
BTOC = below top of casing

SOIL BORING/TEMPORARY MONITORING WELL INFORMATION

1) Site no.: 11
2) Boring no./Well no.: P11B023/P11TW023
3) Drilling firm: Griner Drilling Service
4) Drilling method: SSA
5) Date drilled/installed: 01/21/91
6) Geologist: J. Fugitt
7) Depth of boring (BLS): 10.0
8) Depth to water in borehole (BLS): 5.0
9) Highest open-borehole OVA/HnU reading (ppm): 1000
10) Depth of well (BLS): 7.9
11) Length of well screen: 5
12) Length of casing (BLS): 2.88
13) Aprox. height of casing above land surface: 2.12
14) Depth to water in well (BTOC): 5.40
15) Elevation of TOC: 7.44
16) Water level elevation: 2.04
17) Date groundwater sampled: 01/22/91
18) pH (units): 7.10
19) Temperature (degrees C): 19.0
20) Specific conductance (umhos/cm): 580
21) Borehole/Well abandonment method: Backfilled with cuttings.
22) Comments: Oily sheen on water, HNu readings contained in logbook.

BOREHOLE LITHOLOGIC LOG

Sample Depth (BLS)	Sample Description
0-5	Clayey sand, red from 0 to 1 ft. Petroleum saturated 1 to 5 ft. Water at 5 ft.
5-10	Clayey sand, red, petroleum saturated.

Notes: All depths, lengths, heights, and elevations are measured in feet. All boreholes are 4 inches in diameter. All well casings and screens are 2-inch-diameter; well screen slot sizes are .010 inches. No annular material (i.e. filter pack, seal or grout) was used in well installation. Unless otherwise noted, all sand grains are quartz.

NA = not applicable
SSA = solid stem auger
HA = hand auger

BLS = below land surface
TOC = top of casing
BTOC = below top of casing

SOIL BORING/TEMPORARY MONITORING WELL INFORHATION

1) Site no.: 11
2) Boring no./Well no.: P11BO24/P11TWO24
3) Drilling firm: Griner Drilling Service
4) Drilling method: SSA
5) Date drilled/installed: 01/18/91
6) Geologist: J. Fugitt
7) Depth of boring (BLS): 9.0
8) Depth to water in borehole (BLS): 5.0
9) Highest open-borehole OVA/HnU reading (ppm): 1000
10) Depth of well (BLS): 8.8
11) Length of well screen: 5
12) Length of casing (BLS): 3.83
13) Aprox. height of casing above land surface: 1.17
14) Depth to water in well (BTOC): 5.01
15) Elevation of TOC: 6.93
16) Water level elevation: 1.92
17) Date groundwater sampled: 01/22/91
18) pH (units): 6.80
19) Temperature (degrees C): 20.5
20) Specific conductance (umhos/cm): 360
21) Borehole/Well abandonment method: Backfilled with cuttings.
22) Comments: Oily sheen, very strong hydrocarbon odor, HNu readings in logbook.

BOREHOLE LITHOLOGIC LOG

Sample Depth (BLS)	Sample Description
0-5	Dark brown hard, powdery material, not sand-possibly iron material from 0 to 2 ft. sand, dark brown at 2 ft., water at 5 ft.
5-9	Encountered metal debris with dark gray, possibly oily saturated sand.

Notes: All depths, lengths, heights, and elevations are measured in feet. All boreholes are 4 inches in diameter. All well casings and screens are 2-inch-diameter; well screen slot sizes are .010 inches. No annular material (i.e. filter pack, seal or grout) was used in well installation. Unless otherwise noted, all sand grains are quartz.

NA = not applicable
SSA = solid stem auger
HA = hand auger

BLS = below land surface
TOC = top of casing
BTOC = below top of casing

SOIL BORING/TEMPORARY MONITORING WELL INFORMATION

1) Site no.: 11
2) Boring no./Well no.: P11B025
3) Drilling firm: Griner Drilling Service
4) Drilling method: SSA
5) Date drilled/installed: 01/18/91
6) Geologist: J. Fugitt
7) Depth of boring (BLS): 5.0
8) Depth to water in borehole (BLS): 4.0
9) Highest open-borehole OVA/HnU reading (ppm): 1000
10) Depth of well (BLS): NA
11) Length of well screen: NA
12) Length of casing (BLS): NA
13) Aprox. height of casing above land surface: NA
14) Depth to water in well (BTOC): NA
15) Elevation of TOC: NA
16) Water level elevation: NA
17) Date groundwater sampled: / /
18) pH (units): NA
19) Temperature (degrees C): NA
20) Specific conductance (umhos/cm): NA
21) Borehole/Well abandonment method: Backfilled with cuttings.
22) Comments: Readings for HNu/OVA are contained in the field logbook.

BOREHOLE LITHOLOGIC LOG

Sample Depth (BLS)	Sample Description
0-5	Sand, brown, fine to medium grained with shell fragments and pebbles. Water at 4 ft.

Notes: All depths, lengths, heights, and elevations are measured in feet. All boreholes are 4 inches in diameter. All well casings and screens are 2-inch-diameter; well screen slot sizes are .010 inches. No annular material (i.e. filter pack, seal or grout) was used in well installation. Unless otherwise noted, all sand grains are quartz.

NA = not applicable
SSA = solid stem auger
HA = hand auger

BLS = below land surface
TOC = top of casing
BTOC = below top of casing

SOIL BORING/TEMPORARY MONITORING WELL INFORHATION

1) Site no.: 11
2) Boring no./Well no.: P11BO26/P11TWO26
3) Drilling firm: Griner Drilling Service
4) Drilling method: HA
5) Date drilled/installed: 01/21/91
6) Geologist: J. Fugitt
7) Depth of boring (BLS): *4.0*
8) Depth to water in borehole (BLS): 1.0
9) Highest open-borehole OVA/HnU reading (ppm): 1000
10) Depth of well (BLS): 3.0
11) Length of well screen: 5
12) Length of casing (BLS): NA
13) Aprox. height of casing above land surface: 2.03
14) Depth to water in well (BTOC): *3.48*
15) Elevation of TOC: 6.17
16) Water level elevation: 2.69
17) Date groundwater sampled: 01/22/91
18) pH (units): 7.80
19) Temperature (degrees C): 19.0
20) Specific conductance (umhos/cm): 235
21) Borehole/Well abandonment method: Backfilled with cuttings.
22) Comments: No product, HNu readings contained in the field logbook.

BOREHOLE LITHOLOGIC LOG

Sample Depth (BLS)	Sample Description
0-4	Sand, brown to black. Water at 1 foot.

Notes: All depths, lengths, heights, and elevations are measured in feet. All boreholes are 4 inches in diameter. All well casings and screens are 2-inch-diameter; well screen slot sizes are .010 inches. No annular material (i.e. filter pack, seal or grout) was used in well installation. Unless otherwise noted, all sand grains are quartz.

NA = not applicable
SSA = solid stem auger
HA = hand auger

BLS = below land surface
TOC = top of casing
BTOC = below top of casing

SOIL BORING/TEMPORARY MONITORING WELL INFORMATION

1) Site no.: 11
2) Boring no./Well no.: P11B027
3) Drilling firm: Griner Drilling Service
4) Drilling method: SSA
5) Date drilled/installed: 01/22/91
6) Geologist: J. Fugitt
7) Depth of boring (BLS): *4.5*
8) Depth to water in borehole (BLS): *4.0*
9) Highest open-borehole OVA/HnU reading (ppm): 250
10) Depth of well (BLS): NA
11) Length of well screen: NA
12) Length of casing (BLS): NA
13) Aprox. height of casing above land surface: NA
14) Depth to water in well (BTOC): NA
15) Elevation of TOC: NA
16) Water level elevation: NA
17) Date groundwater sampled: / /
18) pH (units): NA
19) Temperature (degrees C): NA
20) Specific conductance (umhos/cm): NA
21) Borehole/Well abandonment method: Backfilled with cuttings.
22) Comments: Readings for HNu/OVA are contained in the field logbook.

BOREHOLE LITHOLOGIC LOG

Sample Depth (BLS)	Sample Description
0-4.5	Slightly silty sand, light tan to brown. Water at 4 ft.

Notes: All depths, lengths, heights, and elevations are measured in feet. All boreholes are 4 inches in diameter. All well casings and screens are 2-inch-diameter; well screen slot sizes are .010 inches. No annular material (i.e. filter pack, seal or grout) was used in well installation. Unless otherwise noted, all sand grains are quartz.

NA = not applicable
SSA = solid stem auger
HA = hand auger

BLS = below land surface
TOC = top of casing
BTOC = below top of casing

SOIL BORING/TEMPORARY MONITORING WELL INFORMATION

1) Site no.: 11
2) Boring no./Well no.: P11B028
3) Drilling firm: Griner Drilling Service
4) Drilling method: HA
5) Date drilled/installed: 01/22/91
6) Geologist: J. Fugitt
7) Depth of boring (BLS): 5.0
8) Depth to water in borehole (BLS): 1.5
9) Highest open-borehole OVA/HnU reading (ppm): 1000
10) Depth of well (BLS): NA
11) Length of well screen: NA
12) Length of casing (BLS): NA
13) Aprox. height of casing above land surface: NA
14) Depth to water in well (BTOC): NA
15) Elevation of TOC: NA
16) Water level elevation: NA
17) Date groundwater sampled: / /
18) pH (units): NA
19) Temperature (degrees C): NA
20) Specific conductance (umhos/cm): NA
21) Borehole/Well abandonment method: Backfilled with cuttings.
22) Comments: Readings for HNu/OVA are contained in the field logbook.

BOREHOLE LITHOLOGIC LOG

Sample Depth (BLS)	Sample Description
0-5	Silty sand, light brown to dark brown, becoming black, some roots and plant detritus, organic odor noted. Water at 1.5 ft.

Notes: All depths, lengths, heights, and elevations are measured in feet. All boreholes are 4 inches in diameter. All well casings and screens are 2-inch-diameter; well screen slot sizes are .010 inches. No annular material (i.e. filter pack, seal or grout) was used in well installation. Unless otherwise noted, all sand grains are quartz.

NA = not applicable
SSA = solid stem auger
HA = hand auger

BLS = below land surface
TOC = top of casing
BTOC = below top of casing

SOIL BORING/TEMPORARY MONITORING WELL INFORMATION

1) Site no.: 11
2) Boring no./Well no.: P11BO29/P11TWO29
3) Drilling firm: Griner Drilling Service
4) Drilling method: HA
5) Date drilled/installed: 01/21/91
6) Geologist: J. Fugitt
7) Depth of boring (BLS): 5.0
8) Depth to water in borehole (BLS): 0.5
9) Highest open-borehole OVA/HnU reading (ppm): 0
10) Depth of well (BLS): 3.6
11) Length of well screen: 5
12) Length of casing (BLS): NA
13) Aprox. height of casing above land surface: 1.41
14) Depth to water in well (BTOC): 1.37
15) Elevation of TOC: 0.43
16) Water level elevation: 1.80
17) Date groundwater sampled: 01/22/91
18) pH (units): 7.10
19) Temperature (degrees C): 17.5
20) Specific conductance (umhos/cm): 6400
21) Borehole/Well abandonment method: Backfilled with cuttings.
22) Comments: Readings for HNu/OVA are contained in the field logbook.

BOREHOLE LITHOLOGIC LOG

Sample Depth (BLS)	Sample Description
0-1	Silt, dark brown, becomes wet at 0.5 ft.
1-5	Sand, white.

Notes: All depths, lengths, heights, and elevations are meagured in feet. All boreholes are 4 inches in diameter. All well casings and screens are 2-inch-diameter; well screen slot sizes are .010 inches. No annular material (i.e. filter pack, seal or grout) was used in well installation. Unless otherwise noted, all sand grains are quartz.

NA = not applicable
SSA = solid stem auger
HA = hand auger

BLS = below land surface
TOC = top of casing
BTOC = below top of casing

APPENDIX F

SOIL SAMPLING
ANALYTICAL SCREENING RESULTS

M E M O R A N D U M

TO: John Barksdale

FROM: Gary Hahn

DATE: February 12, 1991

SUBJECT: UH-6000 Pensacola Report

REF: 9100.170

CC: Lab File

Attached is the laboratory report of the analysis conducted on eleven samples received at the Analytical Services Center on January 23, 1991. Analysis was performed according to the screening procedures set forth in "Generic Quality Assurance Project Plan, Contamination Assessments and Remedial Activities, Naval Air Station Pensacola, Pensacola, Florida," July 1990.

All samples on which this report is based will be retained by E & E for a period of 30 days from the date of this report, unless otherwise instructed by the client. If additional storage of samples is requested by the client, a storage fee of $1.00 per sample container per month will be charged for each sample, with such charges accruing until destruction of the samples is authorized by the client.

GH: tms
enclosure

Job# 9100.170
SAMPLE RANGE 1557 → 1561

ecology and environment, inc.

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International Specialists in the Environment

CHAIN-OF-CUSTODY RECORD

Project No	Project Name	Project Manager
UH6020	NASP PHASE I A-E	J. BARKSDALE

Samplers (Signatures): Mike Canty

Field Team Leader: J. FUGITT

STATION NUMBER	DATE 1991	TIME	SAMPLE TYPE COMP	GRAB	AIR	SAMPLE INFORMATION EXPECTED COMPOUNDS (Concentration)*	STATION LOCATION	NUMBER OF CONTAINERS	SCREENING PAHS	SCREENING PHENOLS	SCREENING PESTICIDES	SCREENING TOTAL PCBS	SCREENING METALS	HSI SCREENING VOCS		REMARKS
P11 S019A	1/22	0915	X			Med.	SITE 11, Boring 19	3	X	X	X	X	X	X	X	VOAs Lot# [illegible]
S020A	↓	0935	↓			Med.	Boring 20		↓	↓	↓	↓	↓	↓		QC# [illegible]
S019AD		0915				Med.	Boring 19 dup.								dup.	8 OZ JARS [illegible]
S027A		1050				low	Boring 27									
S028A		1317				low	Boring 28									
S030A	↓	1349	↓			low	Boring 30	↓	↓	↓	↓	↓	↓	↓		

Relinquished By (Signature)	Date/Time	Received By (Signature)	Relinquished By (Signature)	Date/Time	Received By (Signature)	Ship Via
J. Fugitt	1600 1-22-91	FedEx				FEDERAL EXPRESS
Relinquished By (Signature)	Date/Time	Received By (Signature)	Relinquished By (Signature)	Date/Time	Received By (Signature)	
						BL/Airbill Number
Relinquished By (Signature)	Date/Time 0500 1-23-91	Received For Laboratory By (Signature)	Relinquished By (Signature)	Date/Time	Received For Laboratory By (Signature)	9747910314
FedEx		[illegible]				

Distribution: Original Accompanies Shipment; Copy to Coordinator Field Files

* CONCENTRATION RANGE on back of form

Job # 1100.170
SAMPLE RANGE 1561 → 1561

All parameters analyzed according to site specific QAPP. (See Barb Kr[illegible]ki)

ecology and environment, inc.
398 PLEASANTVIEW DRIVE, LANCASTER, NEW YORK 14086, TEL. 716/684 8060
International Specialists in the Environment

CHAIN-OF-CUSTODY RECORD

Pro No.: EH6024
Project Name: NASP Phase I A-E
Project Manager: JOHN BARKSDALE
Samplers: (Signature) Keith Delhomme
Field Team Leader: Keith DELHOMME

	STATION NUMBER	DATE	TIME	SAMPLE TYPE COMP	GRAB	AIR	SAMPLE INFORMATION EXPECTED COMPOUNDS (Concentration)*	STATION LOCATION	NUMBER OF CONTAINERS	Screening PAHs	Screening Phenols	Screening Pesticides	Screening Total PCBs	Screening Metals	Screening VOCs	REMARKS
P11	GW21	1-22-91	1445		X		Low level	P11GW21/Grab/Temp Well #21	5	X	X	X	X	X	X	1 L ambers. QC# 3282C
P11	GW23	1-22-91	1015		X		" "	P11GW23/Grab/Temp Well #23	5	X	X	X	X	X	X	Lot # 9223013
P11	GW24	1-22-91	0850		X		" "	P11GW24/Grab/Temp Well #24	5	X	X	X	X	X	X	VOCs: Lot # B020703
P11	GW26	1-22-91	1250		X		" "	P11GW26/Grab/Temp Well #26	5	X	X	X	X	X	X	QC# B1219C
P11	GW29	1-22-91	1540		X		" "	P11GW29/Grab/Temp Well #29	5	X	X	X	X	X	X	1/2 gal. Lot # X020 0013
																QC# X0827C
																1 L poly s: QC # 0889C
																Lot # 0304013
																VOA preserved w/ HCL
																1 L. Amber preserved w/ H_2SO_4
																Metals (poly) preserved w/ HNO_3

Relinquished By: (Signature)	Date/Time:	Received By: (Signature)	Relinquished By: (Signature)	Date/Time:	Received By: (Signature)	Ship Via:
						FEDERAL EXPRESS
Relinquished By: (Signature)	Date/Time:	Received By: (Signature)	Relinquished By: (Signature)	Date/Time:	Received By: (Signature)	BL/Airbill Number: 9747910340 — Date: 1-22-91
Relinquished By: (Signature) Keith Delhomme	Date/Time: 1-22-91	Received ~~For Laboratory By:~~ (Signature) Fed Ex	Relinquished By: (Signature) Fed Ex	Date/Time: 0900 1-23-91	Received For Laboratory By: (Signature) Brian Burson	

Distribution: Original Accompanies Shipment; Copy to Coordinator Field Files
*See CONCENTRATION RANGE on back of form.

334088

JOB NUMBER : 9100.170

Ecology and Environment, Inc.
SAMPLE TRACKING REPORT .

LAB SAMPLE ID	CLIENT SAMPLE ID	TEST CODE	DATE SAMPLED	DATE EXTRACTED	DATE ANALYZED
1551.01	P11-S019A	SPNPRGl	01/22/91		01/24/91
1551.02	P11-S019A	SPNTPHl	01/22/91		01/24/91
1551.03	P11-S019A	SPNHETl	01/22/91		01/24/91
		SPNP&P1	01/22/91		01/26/91
		SPNPAHl	01/22/91		02/06/91
		SPNPHLl	01/22/91		01/31/91
1552.01	P11-S019ADUP	SPNPRGl	01/22/91		01/24/91
1552.02	P11-S019ADUP	SPNTPHl	01/22/91		01/24/91
1552.03	P11-S019ADUP	SPNMET1	01/22/91		01/24/91
		SPNP&P1	01/22/91		01/26/91
		SPNPAHl	01/22/91		02/06/91
		SPNPHLl	01/22/91		01/31/91
1553.01	P11-S020A	SPNPRG1	01/22/91		01/24/91
1553.02	P11-S020A	SPNTPHl	01/22/91		01/28/91
1553.03	P11-S020A	SPNHETl	01/22/91		01/24/91
		SPNP&P1	01/22/91		01/26/91
		SPNPAHl	01/22/91		02/06/91
		SPNPHLl	01/22/91		01/31/91
1554.01	P11-S027A	SPNPRGl	01/22/91		01/24/91
1554.02	P11-S027A	SPNTPHl	01/22/91		01/28/91
1554.03	P11-S027A	SPNHETl	01/22/91		01/24/91
		SPNP&P1	01/22/91		01/26/91
		SPNPAHl	01/22/91		02/06/91
		SPNPHLl	01/22/91		01/31/91
1555.01	P11-S028A	SPNPRGl	01/22/91		01/24/91
1555.02	P11-S028A	SPNTPHl	01/22/91		01/28/91
1555.03	P11-S028A	SPNMET1	01/22/91		01/24/91
		SPNP&P1	01/22/91		01/26/91
		SPNPAHl	01/22/91		02/06/91
		SPNPHL1	01/22/91		01/31/91
1556.01	P11-S030A	SPNPRGl	01/22/91		01/24/91
1556.02	P11-S030A	SPNTPH1	01/22/91		01/28/91
1556.03	P11-S030A	SPNMET1	01/22/91		01/24/91
		SPNP&P1	01/22/91		01/26/91
		SPNPAH1	01/22/91		02/06/91
		SPNPHLl	01/22/91		01/31/91
1557.01	P11-GW021	WPNPRG1	01/22/91		01/24/91
1557.03	P11-GW021	WPNP&P1	01/22/91		01/26/91
		WPNPAH1	01/22/91		01/29/91
		WPNPHL1	01/22/91		01/31/91
1557.04	P11-GW021	VPNTPHl	01/22/91		01/25/91
1557.05	P11-GW021	WPNMET1	01/22/91		01/24/91
1558.01	P11-GW023	WPNPRG1	01/22/91		01/24/91
1558.03	P11-GW023	VPNPCPl	01/22/91		01/26/91
		WPNPAH1	01/22/91		01/29/91
		VPNPHLl	01/22/91		01/31/91
1558.04	P11-GW023	WPNTPH1	01/22/91		01/25/91

JOB NUMBER : 9100.170

Ecology and Environment, Inc.
SAMPLE TRACKING REPORT

LAB SAMPLE ID	CLIENT SAMPLE ID	TEST CODE	DATE SAMPLED	DATE EXTRACTED	DATE ANALYZED
1558.05	P11-GW023	WPNMET1	01/22/91		01/24/91
1559.01	P11-GW024	WPNPRG1	01/22/91		01/24/91
1559.03	P11-GW024	WPNP&P1	01/22/91		01/26/91
		WPNPAH1	01/22/91		01/29/91
		WPNPHL1	01/22/91		01/31/91
1559.04	P11-GW024	WPNTPH1	01/22/91		01/25/91
1559.05	P11-GW024	WPNMET1	01/22/91		01/24/91
1560.01	P11-GW026	WPNPRG1	01/22/91		01/24/91
1560.03	P11-GW026	WPNP&P1	01/22/91		01/26/91
		WPNPAH1	01/22/91		01/29/91
		WPNPHL1	01/22/91		01/31/91
1560.04	P11-GW026	WPNTPH1	01/22/91		01/25/91
1560.05	P11-GW026	WPNMET1	01/22/91		01/24/91
1561.01	P11-GW029	WPNPRG1	01/22/91		01/24/91
1561.03	P11-GW029	WPNP&P1	01/22/91		01/26/91
		WPNPAH1	01/22/91		01/29/91
		WPNPHL1	01/22/91		01/31/91
1561.04	P11-GW029	WPNTPH1	01/22/91		01/25/91
1561.05	P11-GW029	WPNMET1	01/22/91		01/24/91

H E M O R A N D U H

TO: John Barksdale

FROM: Gary Eahn

DATE: February 20, 1991

SUBJECT: UH-6000 Pensacola Report

REF: 9100.163

CC: Lab File

Attached is the laboratory report of the analysis conducted on fourteen samples received at the Analytical Services Center on January 22, 1991. Analysis was performed according to the screening procedures set forth in "Generic Quality Assurance Project Plan, Contamination Assessments and Remedial Activities, Naval Air Station Pensacola, Pensacola, Florida," July 1990.

All samples on which this report is based will be retained by E & E for a period of 30 days from the date of this report, unless otherwise instructed by the client. If additional storage of samples is requested by the client, a storage fee of $1.00 per sample container per month will be charged for each sample, vith such charges accruing until destruction of the samples is authorized by the client.

GH:tms
enclosure

Job # 7100 · 165
Sample Range 15[illegible] – 1519

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International Specialists in the Environment

CHAIN-OF-CUSTODY RECORD

Page 1 of 1

Project No	Project Name	Project Manager
UH 6020	NASP PHASE I A-E	J. BARKSDALE

Samplers (Signatures): J. Fugitt, Mike Clonts

Field Team Leader: J. FUGITT

	STATION NUMBER	DATE 1991	TIME	SAMPLE TYPE COMP	GRAB	AIR	SAMPLE INFORMATION EXPECTED COMPOUNDS (Concentration)*	STATION LOCATION	NUMBER OF CONTAINERS	SCREENING PAHS	SCREENING PHENOLS	SCREENING PESTICIDES	SCREENING TOTAL PCB	SCREENING METALS 4121	SCREENING VOCS	REMARKS
P11	GW01A	1/20	1670		X		LOW	SITE 11, WELL 1	5	X	X	X	X	X	X	Water Samples:
	GW07	1/20	1715		X			SITE 11, WELL 7	5							1/2 Gal amber Lot # X0115013
	B023A	1/21	0915	X				BORING 23	3							QC # X0413C
	B021A	1/21	1015	X				BORING 21	3							poly Lot # 0304013
	B015A		1110	X				BORING 15								QC # 0839C
	B015B		1119	X				BORING 15								liter amber Lot # 9223013
	B022A		1145	X				BORING 22								QC # 3282C
	B026A		1512	X				BORING 26								VOA Lot # B9251043
	B029A		1537	X				BORING 29								QC # B886C
																Soil Samples
																VOAS Lot # B0214013
																QC # B1230C
																8 oz Jars Lot # X0331013
																QC # X0942C

Relinquished By (Signature)	Date/Time	Received By (Signature)	Relinquished By (Signature)	Date/Time	Received By (Signature)	Ship Via
Mike Clonts	1/21/91 1800	Fed Ex				FEDERAL EXPRESS
Relinquished By (Signature)	Date/Time	Received By (Signature)	Relinquished By (Signature)	Date/Time	Received By (Signature)	BL/Airbill Number: 5446724216
Relinquished By (Signature): Fed Ex	Date/Time: 1-22-91 9:30	Received For Laboratory By (Signature): [illegible]	Relinquished By (Signature)	Date/Time	Received For Laboratory By (Signature)	Date: 1/21/91

Distribution: Original Accompanies Shipment; Copy to Coordinator Field Files

*See CONCENTRATION RANGE on back of form.

234055

Job # 9100.163
Sample Range 1500 → 1519

Analyze all parameters according to site specific QAPP (See Bud Krzyewski)

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3368 PLEASANTVIEW DRIVE, LANCASTER, NEW YORK 14086, TEL 716 684 8060
International Specialists in the Environment

CHAIN-OF-CUSTODY RECORD

Page 1 of 1

Project No: UH6024
Project Name: NASP Phase 1 A-E
Project Manager: John Burks Dale
Sampler (Signature): Jerry Walker, K. Bellgomme, J. Fugitt
Field Team Leader: Jerry Walker

	STATION NUMBER	DATE	TIME	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE TYPE AIR	SAMPLE INFORMATION / EXPECTED COMPOUNDS (Concentration)*	STATION LOCATION	NUMBER OF CONTAINERS	Screening PAHs	Screening Phenols + PCBs	Screening Pesticides	Screening VOC's	Screening Metals	418.1	REMARKS
PIIGW	012	1/20	1500		X		~~Low~~ High levels	Well 012	5	X	X	X	X	X	X	VOC - preserved with HCl pH<2
PIIGW	005	1/20	1530		X		med. levels	Well 05	5	↓	↓	↓	↓	↓	↓	metals preserved with HNO_3 pH<2
PIIGW	014	1/20	1600		X		" "	Well 014	5	↓	↓	↓	↓	↓	↓	418.1 - preserved with H_2SO_4 pH<2
PIIGW	008	1/20	1630		X		" "	Well 08	5	↓	↓	↓	↓	↓	↓	
PIIGW	001	1/20	1640		X		" "	Well 01	5	↓	↓	↓	↓	↓	↓	1/2 gal. amber : Lot# X0115013
																~~poly~~ amber : QC# X0413C
																poly : Lot# 0304013
																: QC# 0889C
																liter amber : Lot# 9223013
																: QC# 3283C
																VOA : Lot# B9251043
																: QC# B886C
																All samples packed in ICE

Relinquished By (Signature)	Date/Time	Received By (Signature)	Relinquished By (Signature)	Date/Time	Received By (Signature)	Ship Via
Todd C. Lamb	1/21/91 1700	FedEx				Federal Express
Relinquished By (Signature)	Date/Time	Received By (Signature)	Relinquished By (Signature)	Date/Time	Received By (Signature)	B/L/Airbill Number: 9257993754
Relinquished By (Signature): FedEx	Date/Time 0930 1-22-91	Received For Laboratory By (Signature)	Relinquished By (Signature)	Date/Time	Received For Laboratory By (Signature)	Date: 1/21/91

Distribution: Original Accompanies Shipment, Copy to Coordinator Field Files
*See CONCENTRATION RANGE on back of form.

234066

JOB NUMBER : 9100.163

Ecology and Environment, Inc.
SAMPLE TRACKING REPORT

LAB SAMPLE ID	CLIENT SAMPLE ID	TEST CODE	DATE SAMPLED	DATE EXTRACTED	DATE ANALYZED
1500.01	P11-GW001	WPNPRGl	01/20/91		01/29/91
1500.03	P11-GW001	WPNP&P1	01/20/91		01/24/91
		WPNPAH1	01/20/91		01/30/91
		WPNPHLl	01/20/91		01/29/91
1500.04	P11-GW001	WPNTPHl	01/20/91		01/24/91
1500.05	P11-GW001	WPNMET1	01/20/91		01/23/91
1501.01	P11-GW001D	WPNPRGl	01/20/91		01/29/91
1501.03	P11-GW001D	WPNPSP1	01/20/91		01/24/91
		WPNPAHl	01/20/91		01/30/91
		WPNPHLl	01/20/91		01/29/91
1501.04	P11-GW001D	WPNTPHl	01/20/91		01/24/91
1501.05	P11-GW001D	WPNMETl	01/20/91		01/23/91
1502.01	P11-GW005	WPNPRGl	01/20/91		01/29/91
1502.03	P11-GW005	WPNP&P1	01/20/91		01/24/91
		WPNPAHl	01/20/91		01/30/91
		WPNPHLl	01/20/91		01/29/91
1502.04	P11-GW005	WPNTPHl	01/20/91		01/24/91
1502.05	P11-GW005	WPNMETl	01/20/91		01/23/91
1503.01	P11-GW007	WPNPRGl	01/20/91		01/29/91
1503.03	P11-GW007	WPNP&P1	01/20/91		01/24/91
		WPNPAHl	01/20/91		01/30/91
		WPNPHLl	01/20/91		01/29/91
1503.04	P11-GW007	WPNTPHl	01/20/91		01/24/91
1503.05	P11-GW007	WPNHETl	01/20/91		01/23/91
1504.01	P11-GW008	WPNPRGl	01/20/91		01/29/91
1504.03	P11-GW008	WPNP&P1	01/20/91		01/24/91
		WPNPAHl	01/20/91		01/30/91
		WPNPHLl	01/20/91		01/29/91
1504.04	P11-GW008	WPNTPHl	01/20/91		01/24/91
1504.05	P11-GW008	WPNHETl	01/20/91		01/23/91
1505.01	P11-GW012	WPNPRGl	01/20/91		01/29/91
1505.03	P11-GW012	WPNP&P1	01/20/91		01/24/91
		WPNPAHl	01/20/91		01/30/91
		WPNPHLl	01/20/91		01/29/91
1505.04	P11-GW012	WPNTPHl	01/20/91		01/25/91
1505.05	P11-GW012	WPNMETl	01/20/91		01/23/91
1506.01	P11-GW014	WPNPRGl	01/20/91		01/29/91
1506.03	P11-GW014	WPNP&P1	01/20/91		01/24/91
		WPNPAHl	01/20/91		01/30/91
		WPNPHLl	01/20/91		01/29/91
1506.04	P11-GW014	WPNTPHl	01/20/91		01/25/91
1506.05	P11-GW014	WPNHETl	01/20/91		01/23/91
1507.01	P11-S015A	SPNPRG1	01/21/91		01/22/91
1507.02	P11-S015A	SPNTPH1	01/21/91		01/23/91
1507.03	P11-S015A	SPNMET1	01/21/91		01/23/91
		SPNP&P1	01/21/91		01/23/91
		SPNPAH1	01/21/91		01/30/91

JOB NUMBER : 9100.163

Ecology and Environment, Inc.
SAMPLE TRACKING REPORT

LAB SAMPLE ID	CLIENT SAMPLE ID	TEST CODE	DATE SAMPLED	DATE EXTRACTED	DATE ANALYZED
1507.03	PII-S015A	SPNPHLl	01/21/91		01/29/91
1508.01	P11-S015B	SPNPRGl	01/21/91		01/22/91
1508.02	P11-S015B	SPNTPH1	01/21/91		01/23/91
1508.03	P11-S015B	SPNMET1	01/21/91		01/23/91
		SPNPCPl	01/21/91		01/23/91
		SPNPAH1	01/21/91		01/30/91
		SPNPHLl	01/21/91		01/29/91
1509.01	P11-S021A	SPNPRGl	01/21/91		01/22/91
1509.02	P11-S021A	SPNTPHl	01/21/91		01/23/91
1509.03	P11-S021A	SPNMET1	01/21/91		01/23/91
		SPNP&P1	01/21/91		01/23/91
		SPNPAH1	01/21/91		01/30/91
		SPNPHLl	01/21/91		01/29/91
1510.01	P11-S022A	SPNPRGl	01/21/91		01/22/91
1510.02	P11-S022A	SPNTPHl	01/21/91		01/23/91
1510.03	P11-S022A	SPNHETl	01/21/91		01/23/91
		SPNP&P1	01/21/91		01/23/91
		SPNPAH1	01/21/91		01/30/91
		SPNPHLl	01/21/91		01/29/91
1511.01	P11-S023A	SPNPRGl	01/21/91		01/22/91
1511.02	P11-S023A	SPNTPHl	01/21/91		01/23/91
1511.03	P11-S023A	SPNMET1	01/21/91		01/23/91
		SPNP&P1	01/21/91		01/23/91
		SPNPAH1	01/21/91		01/30/91
		SPNPHL1	01/21/91		01/29/91
1512.01	P11-S026A	SPNPRGl	01/21/91		01/22/91
1512.02	P11-S026A	SPNTPHl	01/21/91		01/23/91
1512.03	P11-S026A	SPNMET1	01/21/91		01/23/91
		SPNP&P1	01/21/91		01/23/91
		SPNPAH1	01/21/91		01/30/91
		SPNPHLl	01/21/91		01/29/91
1513.01	P11-S029A	SPNPRGl	01/21/91		01/22/91
1513.02	P11-S029A	SPNTPH1	01/21/91		01/23/91
1513.03	P11-S029A	SPNHETl	01/21/91		01/23/91
		SPNP&P1	01/21/91		01/23/91
		SPNPAH1	01/21/91		01/30/91
		SPNPHLl	01/21/91		01/29/91

M E M O R A N D U M

TO: John Barksdale

FROM: Gary Hahn

DATE: February 4, 1991

SUBJECT: UH-6000 Pensacola Report

REF: 9100.145

CC: Lab File

Attached is the laboratory report of the analysis conducted on fourteen samples received at the Analytical Services Center on January 18, 1991. Analysis was performed according to the screening procedures set forth in "Generic Quality Assurance Project Plan, Contamination Assessments and Remedial Activities, Naval Air Station Pensacola, Pensacola, Florida," July 1990.

All samples on which this report is based will be retained by E & E for a period of 30 days from the date of this report, unless otherwise instructed by the client. If additional storage of samples is requested by the client, a storage fee of $1.00 per sample container per month will be charged for each sample, with such charges accruing until destruction of the samples is authorized by the client.

GH: tms
enclosure

Job # 7100.170
Sample Range 1386 → 1399

ecology and environment, inc.

258 PLEASANTVIEW DRIVE, LANCASTER, NEW YORK 14086, TEL. 716/684 8080
International Specialists in the Environment

CHAIN-OF-CUSTODY RECORD

Project No.: WH6024
Project Name: NASP PHASE I A-E
Project Manager: J. BARKSDALE
Samplers (Signatures): [signature]
Field Team Leader: J. FUGITT

	STATION NUMBER	DATE 1991	TIME	SAMPLE TYPE COMP	GRAB	AIR	SAMPLE INFORMATION / EXPECTED COMPOUNDS (Concentration)*	STATION LOCATION	NUMBER OF CONTAINERS	SCREENING PAHS	SCREENING PHENOLS	SCREENING PESTICIDES	SCREENING TOTAL PCBS	SCREENING METALS 4192.1	SCREENING VOCS	REMARKS
11	S013A	1-17	0957	X			LOW LEVEL	SITE 11, BORING 13	3	X	X	X	X	X	X	
11	S013AN	1-17	0957					"								DUPLICATE SAMPLE
11	S013B		1045					"								5-9 FOOT INTERVAL
11	S005A		1119					SITE 11, BORING 5								
11	S005B		1124					"								FOR VOAS:
11	S003A		1150					SITE 11, BORING 3								LOT # B0214013
11	S003B		1156					"								QC # B1230C
11	S001A		1355					SITE 11, BORING 1								FOR 8 oz JARS:
11	S001B		1400					"								LOT # X0298023
11	S002A		1438					SITE 11, BORING 2								QC# X0879C
11	S002B		1443					"								
11	S004A		1500					SITE 11, BORING 4								
11	S004B		1507					"								
11	S009A		1541					SITE 11, BORING 9								

Relinquished By: (Signature)	Date/Time	Received By: (Signature)	Relinquished By: (Signature)	Date/Time	Received By: (Signature)	Ship Via
J. Fugitt	1/17/91 1700	Fed Ex				FEDERAL EXPRESS
Relinquished By: (Signature)	Date/Time:	Received By: (Signature)	Relinquished By: (Signature)	Date/Time	Received By: (Signature)	BL/Airbill Number: 9257993824 — Date: 1-17-91
Relinquished By: (Signature) Fed Ex	Date/Time: 0900 1-18-91	Received For Laboratory By (Signature): [signature]	Relinquished By: (Signature)	Date/Time	Received For Laboratory By (Signature)	

Distribution: Original Accompanies Shipment; Copy to Coordinator Field Files

*See CONCENTRATION RANGE on back of form.

234056

JOB NUMBER : 9100.145

Ecology and Environment, Inc.
SAMPLE TRACKING REPORT

LAB SAMPLE ID	CLIENT SAMPLE ID	TEST CODE	DATE SAMPLED	DATE EXTRACTED	DATE ANALYZED
1386.01	P11-S001A	SPNPRGl	01/17/91		01/22/91
1386.02	P11-S001A	SPNTPHl	01/17/91		01/21/91
1386.03	P11-S001A	SPNMETl	01/17/91		01/21/91
		SPNP&P1	01/17/91		01/17/91
		SPNPAHl	01/17/91		01/30/91
		SPNPHLl	01/17/91		01/30/91
1387.01	P11-S001B	SPNPRGl	01/17/91		01/18/91
1387.02	P11-S001B	SPNTPH1	01/17/91		01/21/91
1387.03	P11-S001B	SPNMETl	01/17/91		01/21/91
		SPNP&P1	01/17/91		01/17/91
		SPNPAHl	01/17/91		01/30/91
		SPNPHL1	01/17/91		01/30/91
1388.01	P11-S002A	SPNPRGl	01/17/91		01/18/91
1388.02	P11-S002A	SPNTPHl	01/17/91		01/21/91
1388.03	P11-S002A	SPNMETl	01/17/91		01/21/91
		SPNP&P1	01/17/91		01/17/91
		SPNPAHl	01/17/91		01/30/91
		SPNPHLl	01/17/91		01/30/91
1389.01	P11-S002B	SPNPRGl	01/17/91		01/18/91
1389.02	P11-S002B	SPNTPHl	01/17/91		01/21/91
1389.03	P11-S002B	SPNMETl	01/17/91		01/21/91
		SPNP&P1	01/17/91		01/17/91
		SPNPAHl	01/17/91		01/30/91
		SPNPHLl	01/17/91		01/30/91
1390.01	P11-S003A	SPNPRGl	01/17/91		01/18/91
1390.02	P11-S003A	SPNTPHl	01/17/91		01/21/91
1390.03	P11-S003A	SPNMETl	01/17/91		01/21/91
		SPNP&P1	01/17/91		01/17/91
		SPNPAHl	01/17/91		01/30/91
		SPNPHLl	01/17/91		01/30/91
1391.01	P11-S003B	SPNPRGl	01/17/91		01/22/91
1391.02	P11-S003B	SPNTPHl	01/17/91		01/21/91
1391.03	P11-S003B	SPNMETl	01/17/91		01/21/91
		SPNP&P1	01/17/91		01/17/91
		SPNPAH1	01/17/91		01/30/91
		SPNPHLl	01/17/91		01/30/91
1392.01	P11-S004A	SPNPRG1	01/17/91		01/18/91
1392.02	P11-S004A	SPNTPH1	01/17/91		01/21/91
1392.03	P11-S004A	SPNMET1	01/17/91		01/21/91
		SPNP&P1	01/17/91		01/17/91
		SPNPAAl	01/17/91		01/30/91
		SPNPHLl	01/17/91		01/30/91
1393.01	P11-S004B	SPNPRGl	01/17/91		01/22/91
1393.02	P11-S004B	SPNTPH1	01/17/91		01/21/91
1393.03	P11-S004B	SPNMETl	01/17/91		01/21/91
		SPNP&P1	01/17/91		01/17/91
		SPNPAHl	01/17/91		01/30/91

JOB NUMBER : 9100.145

Ecology and Environment, Inc.
SAMPLE TRACKING REPORT

LAB SAMPLE ID	CLIENT SAMPLE ID	TEST CODE	DATE SAMPLED	DATE EXTRACTED	DATE ANALYZED
1393.03	P11-S004B	SPNPEL1	01/17/91		01/30/91
1394.01	P11-S005A	SPNPRG1	01/17/91		01/18/91
1394.02	P11-S005A	SPNTPE1	01/17/91		01/21/91
1394.03	P11-S005A	SPNMET1	01/17/91		01/21/91
		SPNPLP1	01/17/91		01/17/91
		SPNPAE1	01/17/91		01/30/91
		SPNPHL1	01/17/91		01/30/91
1395.01	P11-S005B	SPNPRG1	01/17/91		01/21/91
1395.02	P11-S005B	SPNTPE1	01/17/91		01/21/91
1395.03	P11-S005B	SPNMET1	01/17/91		01/21/91
		SPNPLP1	01/17/91		01/17/91
		SPNPAH1	01/17/91		01/30/91
		SPNPHL1	01/17/91		01/30/91
1396.01	P11-S009A	SPNPRG1	01/17/91		01/21/91
1396.02	P11-S009A	SPNTPH1	01/17/91		01/22/91
1396.03	P11-S009A	SPNMET1	01/17/91		01/21/91
		SPNPLP1	01/17/91		01/17/91
		SPNPAE1	01/17/91		01/30/91
		SPNPEL1	01/17/91		01/30/91
1397.01	P11-S013A	SPNPRG1	01/17/91		01/21/91
1397.02	P11-S013A	SPNTPE1	01/17/91		01/22/91
1397.03	P11-S013A	SPNMET1	01/17/91		01/21/91
		SPNPLP1	01/17/91		01/17/91
		SPNPAE1	01/17/91		01/30/91
		SPNPEL1	01/17/91		01/30/91
1398.01	P11-S013A DUP	SPNPRG1	01/17/91		01/21/91
1398.02	P11-S013A DUP	SPNTPE1	01/17/91		01/22/91
1398.03	P11-S013A DUP	SPNMET1	01/17/91		01/21/91
		SPNP&P1	01/17/91		01/17/91
		SPNPAE1	01/17/91		01/30/91
		SPNPEL1	01/17/91		01/30/91
1399.01	P11-S013B	SPNPRG1	01/17/91		01/22/91
1399.02	P11-S013B	SPNTPE1	01/17/91		01/22/91
1399.03	P11-S013B	SPNMET1	01/17/91		01/21/91
		SPNPLP1	01/17/91		01/17/91
		SPNPAE1	01/17/91		01/30/91
		SPNPHL1	01/17/91		01/30/91

M E M O R A N D U M

TO: John Barksdale

FROM: Gary Hahn

DATE: February 8, 1991

SUBJECT: UH-6000 Pensacola Report

REP: 9100.123

CC: Lab File

Attached is the laboratory report of the analysis conducted on eight samples received at the Analytical Services Center on January 17, 1991. Analysis was performed according to the screening procedures set forth in "Generic Quality Assurance Project Plan, Contamination Assessments and Remedial Activities, Naval Air Station Pensacola, Pensacola, Florida," July 1990.

All samples on which this report is based will be retained by E & E for a period of 30 days from the date of this report, unless otherwise instructed by the client. If additional storage of samples is requested by the client, a storage fee of $1.00 per sample container per month will be charged for each sample, with such charges accruing until destruction of the samples is authorized by the client.

GH: tms
enclosure

Job # 9100.123
SAMPLE RANGE 1151 → 1157

ANALYZE ALL PARAMETERS ACCORDING TO THE SITE SPECIFIC QAPP (SEE BARB KRASEWSKI)

ecology and environment, inc.
368 PLEASANTVIEW DRIVE, LANCASTER, NEW YORK 14086, TEL 716/684 8060
International Specialists in the Environment

CHAIN-OF-CUSTODY RECORD

Page 1 of 1

Project No.: UH6024
Project Name: NASP PHASE I A-E
Project Manager: John Barkisdale
Samplers: (Signature) [signature]
Field Team Leader: AMY TWITTY

STATION NUMBER	DATE 1991	TIME	SAMPLE TYPE* COMP	GRAB	AIR	SAMPLE INFORMATION / EXPECTED COMPOUNDS (Concentration)*	STATION LOCATION	NUMBER OF CONTAINERS	Screening VOC	Screening Metals	Screening Pesticides + Herbicides	Screening Phenols	Screening PCBs	HLBS	REMARKS
1151 S010A	1/16	10:58	X			Low Level	BORING 10	3	X	X	X	X	X	X	
1152 S018A	1/16	11:20	X			" "	BORING 18	3	X	X	X	X	X	X	~~LEGAL AMBER LOT# X031013~~ GMC
1153 S017A	1/16	1135	X			" "	BORING 17	3	X	X	X	X	X	X	~~QC# X0711C~~ GMC
1154 S006A	1/16	1157	X			" "	BORING 06	3	X	X	X	X	X	X	
1155 S014A	1/16	1413	X			" "	BORING 14	3	X	X	X	X	X	X	VOA: LOT# B0207033
1156 S007A	1/16	1442	X			" "	BORING 07	3	X	X	X	X	X	X	QC# B1214C
1157 S008A	1/16	1534	X			" "	BORING 03	3	X	X	X	X	X	X	
															~~LIGHT AMBER LOT# X0313013~~ GMC
															~~QC# 3~~ GMC
															8oz JARS LOT# X0331013
															QC# X0942C

Relinquished By: (Signature)	Date/Time:	Received By: (Signature)	Relinquished By: (Signature)	Date/Time	Received By (Signature)
[signature]		Fed Ex			
Relinquished By: (Signature)	Date/Time:	Received By: (Signature)	Relinquished By: (Signature)	Date/Time	Received By (Signature)
Relinquished By: (Signature)	Date/Time: 0900	Received For Laboratory By: (Signature)	Relinquished By: (Signature)	Date/Time	Received For Laboratory By: (Signature)
Fed Ex	1-17-91	[signature]			

Shipped via: Federal Express
BL/Airbill Number: 9548745511
Date: 1/16/91

Distribution: Original Accompanies Shipment; Copy to Coordinator Field Files

*See CONCENTRATION RANGE on back of form.

234056

JOB NUMBER : 9100.123

Ecology and Environment, Inc.
SAMPLE TRACKING REPORT

LAB SAMPLE ID	CLIENT SAMPLE ID	TEST CODE	DATE SAMPLED	DATE EXTRACTED	DATE ANALYZED
1151.01	P11-S006A	SPNPRGl	01/16/91		01/18/91
1151.02	P11-S006A	SPNTPHl	01/16/91		01/17/91
1151.03	P11-S006A	SPNMETl	01/16/91		01/18/91
		SPNP&P1	01/16/91		01/17/91
		SPNPAHl	01/16/91		02/01/91
		SPNPHL1	01/16/91		01/24/91
1152.01	P11-S007A	SPNPRGl	01/16/91		01/18/91
1152.02	P11-S007A	SPNTPHl	01/16/91		01/17/91
1152.03	P11-S007A	SPNMETl	01/16/91		01/18/91
		SPNP&P1	01/16/91		01/17/91
		SPNPAEl	01/16/91		02/01/91
		SPNPHLl	01/16/91		01/24/91
1153.01	P11-S008A	SPNPRGl	01/16/91		01/18/91
1153.02	P11-S008A	SPNTPHl	01/16/91		01/17/91
1153.03	P11-S008A	SPNMET1	01/16/91		01/18/91
		SPNP&P1	01/16/91		01/17/91
		SPNPAH1	01/16/91		02/01/91
		SPNPHLl	01/16/91		01/24/91
1154.01	P11-S010A	SPNPRG1	01/16/91		01/18/91
1154.02	P11-SOlOA	SPNTPH1	01/16/91		01/17/91
1154.03	P11-SOlOA	SPNMETl	01/16/91		01/18/91
		SPNP&P1	01/16/91		01/17/91
		SPNPAEl	01/16/91		02/01/91
		SPNPHLl	01/16/91		01/24/91
1155.01	P11-S014A	SPNPRGl	01/16/91		01/18/91
1155.02	P11-S014A	SPNTPHl	01/16/91		01/17/91
1155.03	P11-S014A	SPNMETl	01/16/91		01/18/91
		SPNP&P1	01/16/91		01/17/91
		SPNPAEl	01/16/91		02/01/91
		SPNPHLl	01/16/91		01/24/91
1156.01	P11-S017A	SPNPRGl	01/16/91		01/18/91
1156.02	P11-S017A	SPNTPH1	01/16/91		01/17/91
1156.03	P11-S017A	SPNMET1	01/16/91		01/18/91
		SPNP&P1	01/16/91		01/17/91
		SPNPAHl	01/16/91		02/01/91
		SPNPHL1	01/16/91		01/24/91
1157.01	P11-S018A	SPNPRGl	01/16/91		01/18/91
1157.02	P11-S018A	SPNTPH1	01/16/91		01/17/91
1157.03	P11-S018A	SPNMET1	01/16/91		01/18/91
		SPNP&P1	01/16/91		01/17/91
		SPNPAEl	01/16/91		02/01/91
		SPNPHL1	01/16/91		01/24/91

M E M O R A N D U M

TO: John Barksdale

FROM: Gary Hahn

DATE: February 8, 1991

SUBJECT: UH-6000 Pensacola Report

REP: 9100.158

CC: Lab File

Attached is the laboratory report of the analysis conducted on six samples received at the Analytical Services Center on January 19, 1991. Analysis was performed according to the screening procedures set forth in "Generic Quality Assurance Project. Plan, Contamination Assessments and Remedial Activities, Naval Air Station Pensacola, Pensacola, Florida," July 1990.

All samples on which this report is based will be retained by E 6 E for a period of 30 days from the date of this report, unless otherwise instructed by the client. If additional storage of samples is requested by the client, a storage fee of $1.00 per sample container per month will be charged for each sample, with such charges accruing until destruction of the samples is authorized by the client.

GH:tms
enclosure

15111

ecology and environment, inc.
368 PLEASANTVIEW DRIVE, LANCASTER, NEW YORK 14086, TEL. 716/684 8060
International Specialists in the Environment

9100.158
1366

CHAIN-OF-CUSTODY RECORD

Project No: UH6020
Project Name: NASP PHASE I A-E
Project Manager: J. BARKSDALE
Samplers (Signature(s)): [signature]
Field Team Leader: J. FUGITT

	STATION NUMBER	DATE 1991	TIME	SAMPLE TYPE COMP	GRAB	AIR	SAMPLE INFORMATION / EXPECTED COMPOUNDS (Concentration)*	STATION LOCATION	NUMBER OF CONTAINERS	SCREENING PAHS	SCREENING PHENOLS	SCREENING PESTICIDES	SCREENING TOTAL PCBS	SCREENING METALS	SCREENING VOCS	REMARKS
P11	S012A	1/18	1038	X			LOW LEVEL 1485	SITE 11, BORING 12	3	X	X	X	X	X	X	
P11	S012B		1049				86	SITE 11, BORING 12								
P11	S025A		1340				87	SITE 11, BORING 25								
P11	S024A		1400				88	SITE 11, BORING 24								8 oz Jars
P11	S016A		1459 ~~1344~~				89	SITE 11, BORING 16								LOT # X0331013
P11	S011A		1534				1490	SITE 11, BORING 11								QC # X0942C
								~~SITE 11, 27~~								
																VOAS
																LOT # B0214013
																QC # B1230C

Relinquished By: (Signature)	Date/Time:	Received By: (Signature)	Relinquished By: (Signature)	Date/Time:	Received By: (Signature)	Ship Via
J. Fugitt	1/18/91 1700	FED. EXP.				FEDERAL EXPRESS
Relinquished By: (Signature)	Date/Time:	Received By: (Signature)	Relinquished By: (Signature)	Date/Time:	Received By: (Signature)	BL/Airbill Number: ~~9257993802~~ 9257993780
Relinquished By: (Signature)	Date/Time:	Received For Laboratory By: (Signature)	Relinquished By: (Signature)	Date/Time	Received For Laboratory By: (Signature)	Date: 1-18-91
FED. EXP.	1/19/91	Rick Marsh				

Distribution: Original Accompanies Shipment; Copy to Coordinator Field Files
*See CONCENTRATION RANGE on back of form.

234055

JOB NUMBER : 9100.158

Ecology and Environment, Inc.
SAHPLE TRACKING REPORT

LAB SAMPLE ID	CLIENT SAHPLE ID	TEST CODE	DATE SAMPLED	DATE EXTRACTED	DATE ANALYZED
1485.01	P11-S012A	SPNPRGl	01/18/91		01/22/91
1485.02	P11-S012A	SPNTPH1	01/18/91		01/21/91
1485.03	P11-S012A	SPNMET1	01/18/91		01/22/91
		SPNPCPl	01/18/91		01/23/91
		SPNPAH1	01/18/91		02/01/91
		SPNPHLl	01/18/91		01/30/91
1486.01	P11-S012B	SPNPRGl	01/18/91		01/22/91
1486.02	P11-S012B	SPNTPHl	01/18/91		01/21/91
1486.03	P11-S012B	SPNMET1	01/18/91		01/22/91
		SPNPCPl	01/18/91		01/23/91
		SPNPAH1	01/18/91		02/01/91
		SPNPHLl	01/18/91		01/30/91
1487.01	P11-S025A	SPNPRGl	01/18/91		01/22/91
1487.02	P11-S025A	SPNTPHl	01/18/91		01/21/91
1487.03	P11-S025A	SPNMET1	01/18/91		01/22/91
		SPNP&P1	01/18/91		01/23/91
		SPNPAH1	01/18/91		02/01/91
		SPNPHLl	01/18/91		01/30/91
1488.01	P11-S024A	SPNPRG1	01/18/91		01/22/91
1488.02	P11-S024A	SPNTPH1	01/18/91		01/21/91
1488.03	P11-S024A	SPNMET1	01/18/91		01/22/91
		SPNP&P1	01/18/91		01/23/91
		SPNPAH1	01/18/91		02/01/91
		SPNPHLl	01/18/91		01/30/91
1489.01	P11-S016A	SPNPRGl	01/18/91		01/22/91
1489.02	P11-S016A	SPNTPHl	01/18/91		01/21/91
1489.03	P11-S016A	SPNMET1	01/18/91		01/22/91
		SPNPCPl	01/18/91		01/23/91
		SPNPAH1	01/18/91		02/01/91
		SPNPHLl	01/18/91		01/30/91
1490.01	P11-S011A	SPNPRGl	01/18/91		01/22/91
1490.02	P11-S011A	SPNTPHl	01/18/91		01/21/91
1490.03	P11-S011A	SPNMET1	01/18/91		01/22/91
		SPNPCPl	01/18/91		01/23/91
		SPNPAH1	01/18/91		02/01/91
		SPNPHL1	01/18/91		01/30/91

METALS SECTION JOB NUMBER :9100.145

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
RESULTS IN WET WEIGHT
SAMPLE ID LAB : EE-91-01386 MATRIX: SOLID
SAMPLE ID CLIENT: P11-S001A

PARAMETER	RESULTS	Q	DET. LIMIT	UNITS
Arsenic	ND		6.9	MG/KG
Chromium	2.0		1.0	MG/KG
Zinc	2.6		2.0	MG/KG
Lead	ND		4.0	MG/KG
Cadmium	ND		0.50	MG/KG
Nickel	ND		4.0	MG/KG
Copper	ND		2.5	MG/KG
Silver	ND		1.0	MG/KG

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

METALS SECTION JOB NUMBER :9100.145

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PEASE I GROUPS A-E
RESULTS IN WET WEIGHT
SAMPLE ID LAB : EE-91-01387 MATRIX: SOLID
SAMPLE ID CLIENT: P11-S001B

PARAMETER	RESULTS	Q	DET. LIMIT	UNITS
Arsenic	ND		6.9	MG/KG
Chromium	ND		1.0	MG/KG
Zinc	ND		2.0	MG/KG
Lead	6.5		4.0	MG/KG
Cadmium	ND		0.50	MG/KG
Nickel	ND		4.0	MG/KG
Copper	ND		2.5	MG/KG
Silver	ND		1.0	MG/KG

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

METALS SECTION JOB NUMBER :9100.145

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
RESULTS IN WET WEIGHT
SAMPLE ID LAB : EE-91-01388 MATRIX: SOLID
SAMPLE ID CLIENT: P11-S002A

PARAMETER	RESULTS	Q	DET. LIMIT	UNITS
Arsenic	7.6		6.9	MG/KG
Chromium	2.8		1.0	MG/KG
Zinc	4.5		2.0	MG/KG
Lead	ND		4.0	MG/KG
Cadmium	ND		0.50	MG/KG
Nickel	ND		4.0	MG/KG
Copper	ND		2.5	MG/KG
Silver	ND		1.0	MG/KG

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

METALS SECTION JOB NUMBER :9100.145

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PEASE I GROUPS A-E
RESULTS IN VET WEIGHT
SAHPLE ID LAB : EE-91-01389 MATRIX: SOLID
SAMPLE ID CLIENT: P11-S002B

PARAMETER	RESULTS	Q	DET. LIHIT	UNITS
Arsenic	ND		6.9	MG/KG
Chromium	ND		1.0	MG/KG
Zinc	ND		2.0	MG/KG
Lead	ND		4.0	MG/KG
Cadmium	ND		0.50	MG/KG
Nickel	ND		4.0	MG/KG
Copper	ND		2.5	MG/KG
Silver	ND		1.0	MG/KG

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIHIT

METALS SECTION JOB NUMBER :9100.145

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
RESULTS IN WET WEIGHT
SAMPLE ID LAB : EE-91-01390 MATRIX: SOLID
SAMPLE ID CLIENT: P11-S003A

PARAMETER	RESULTS	Q	DET. LIMIT	UNITS
Arsenic	ND		6.9	MG/KG
Chromium	2.7		1.0	MG/KG
Zinc	ND		2.0	MG/KG
Lead	ND		4.0	MG/KG
Cadmium	ND		0.50	MG/KG
Nickel	ND		4.0	MG/KG
Copper	ND		2.5	MG/KG
Silver	ND		1.0	MG/KG

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

METALS SECTION JOB NUMBER :9100.145

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
RESULTS IN WET WEIGHT
SAMPLE ID LAB : EE-91-01391 MATRIX: SOLID
SAMPLE ID CLIENT: P11-S003B

PARAMETER	RESULTS	Q	DET. LIMIT	UNITS
Arsenic	ND		6.9	MG/KG
Chromium	1.8		1.0	MG/KG
Zinc	ND		2.0	MG/KG
Lead	7.1		4.0	MG/KG
Cadmium	ND		0.50	MG/KG
Nickel	ND		4.0	MG/KG
Copper	ND		2.5	MG/KG
Silver	ND		1.0	MG/KG

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIHATED VALUE B = ALSO PRESENT IN BUNK
L = PRESENT BELOW STATED DETECTION LIMIT

METALS SECTION JOB NUMBER :9100.145

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
RESULTS IN WET WEIGHT
SAMPLE ID LAB : EE-91-01392 MATRIX: SOLID
SAMPLE ID CLIENT: P11-S004A

PARAMETER	RESULTS	Q	DET. LIMIT	UNITS
Arsenic	ND		6.9	MG/KG
Chromium	2.0		1.0	MG/KG
Zinc	9.8		2.0	MG/KG
Lead	4.2		4.0	MG/KG
Cadmium	ND		0.50	MG/KG
Nickel	ND		4.0	MG/KG
Copper	ND		2.5	MG/KG
Silver	ND		1.0	MG/KG

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

METALS SECTION JOB NUMBER :9100.145

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
RESULTS IN WET WEIGHT
SAMPLE ID LAB : EE-91-01393 MATRIX: SOLID
SAMPLE ID CLIENT: P11-S004B

PARAMETER	RESULTS	Q	DET. LIMIT	UNITS
Arsenic	7.0		6.9	MG/KG
Chromium	1.3		1.0	MG/KG
Zinc	ND		2.0	MG/KG
Lead	9.0		4.0	MG/KG
Cadmium	ND		0.50	MG/KG
Nickel	ND		4.0	MG/KG
Copper	ND		2.5	MG/KG
Silver	ND		1.0	MG/KG

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

METALS SECTION JOB NUMBER :9100.145

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
RESULTS IN WET WEIGHT
SAMPLE ID LAB : EE-91-01394 MATRIX: SOLID
SAMPLE ID CLIENT: P11-S005A

PARAMETER	RESULTS	Q	DET. LIMIT	UNITS
Arsenic	ND		6.9	MG/KG
Chromium	1.9		1.0	MG/KG
Zinc	2.7		2.0	MG/KG
Lead	4.7		4.0	MG/KG
Cadmium	ND		0.50	MG/KG
Nickel	ND		4.0	MG/KG
Copper	ND		2.5	MG/KG
Silver	ND		1.0	MG/KG

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

METALS SECTION JOB NUMBER :9100.145

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
RESULTS IN WET WEIGHT
SAMPLE ID LAB : EE-91-01395 MATRIX: SOLID
SAHPLE ID CLIENT: P11-S005B

PARAMETER	RESULTS	Q	DET. LIMIT	UNITS
Arsenic	ND		6.9	MG/KG
Chromium	30		1.0	MG/KG
Zinc	8.7		2.0	MG/KG
Lead	13		4.0	MG/KG
Cadmium	0.62		0.50	MG/KG
Nickel	ND		4.0	MG/KG
Copper	ND		2.5	MG/KG
Silver	ND		1.0	MG/KG

QUALIFIERS: C = COMHENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

HETALS SECTION JOB NUMBER :9100.123

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UA-6000 NASP PEASE I GROUPS A-E
RESULTS IN WET WEIGHT
SAMPLE ID LAB : EE-91-01151 MATRIX: SOLID
SAHPLE ID CLIENT: P11-S006A

PARAMETER	RESULTS	Q	DET. LIHIT	UNITS
Arsenic	9.4		6.9	MG/KG
Chromium	2.3		1.0	MG/KG
Zinc	ND		2.0	MG/KG
Lead	ND		4.0	MG/KG
Cadmium	ND		0.50	MG/KG
Nickel	ND		4.0	MG/KG
Copper	ND		2.5	MG/KG
Silver	ND		1.0	MG/KG

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

METALS SECTION JOB NUMBER :9100.123

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : OR-6000 NASP PEASE I GROUPS A-E
RESULTS IN WET WEIGHT
SAMPLE ID LAB : EE-91-01152 MATRIX: SOLID
SAMPLE ID CLIENT: P11-S007A

PARAMETER	RESULTS	Q	DET. LIMIT	UNITS
Arsenic	ND		6.9	MG/KG
Chromium	1.6		1.0	MG/KG
Zinc	ND		2.0	MG/KG
Lead	ND		4.0	MG/KG
Cadmium	ND		0.50	MG/KG
Nickel	ND		4.0	MG/KG
Copper	ND		2.5	MG/KG
Silver	ND		1.0	MG/KG

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

METALS SECTION JOB NUMBER :9100.123

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PEASE I GROUPS A-E
RESULTS IN WET WEIGHT
SAMPLE ID LAB : EE-91-01153 MATRIX: SOLID
SAMPLE ID CLIENT: P11-S008A

PARAMETER	RESULTS	Q	DET. LIHIT	UNITS
Arsenic	ND		6.9	MG/KG
Chromium	4.1		1.0	MG/KG
Zinc	ND		2.0	MG/KG
Lead	ND		4.0	MG/KG
Cadmium	ND		0.50	MG/KG
Nickel	ND		4.0	MG/KG
Copper	ND		2.5	MG/KG
Silver	ND		1.0	MG/KG

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

METALS SECTION JOB NUMBER :9100.145

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
RESULTS IN WET WEIGHT
SAMPLE ID LAB : EE-91-01396 MATRIX: SOLID
SAMPLE ID CLIENT: P11-S009A

PARAMETER	RESULTS	Q	DET. LIMIT	UNITS
Arsenic	ND		6.9	MG/KG
Chromium	5.6		1.0	MG/KG
Zinc	2.3		2.0	MG/KG
Lead	6.8		4.0	MG/KG
Cadmium	ND		0.50	MG/KG
Nickel	ND		4.0	MG/KG
Copper	ND		2.5	MG/KG
Silver	ND		1.0	MG/KG

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

METALS SECTION JOB NUMBER :9100.123

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
RESULTS IN WET WEIGHT
SAMPLE ID LAB : EE-91-01154 MATRIX: SOLID
SAHPLE ID CLIENT: P11-S010A

PARAMETER	RESULTS	Q	DET. LIMIT	UNITS
Arsenic	ND		6.9	MG/KG
Chromium	170		1.0	MG/KG
Zinc	280		2.0	MG/KG
Lead	270		4.0	MG/KG
Cadmium	5.8		0.50	MG/KG
Nickel	7.2		4.0	MG/KG
Copper	100		2.5	MG/KG
Silver	1.8		1.0	MG/KG

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

METALS SECTION JOB NUMBER :9100.158

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PEASE I GROUPS A-E
RESULTS IN WET WEIGHT
SAMPLE ID LAB : EE-91-01490 MATRIX: SOLID
SAMPLE ID CLIENT: P11-S011A

PARAMETER	RESULTS	Q	DET. LIHIT	UNITS
Arsenic	ND		6.9	MG/KG
Chromium	16		1.0	MG/KG
Zinc	510		2.0	MG/KG
Lead	510		4.0	MG/KG
Cadmium	22		0.50	MG/KG
Nickel	14		4.0	MG/KG
Copper	340		2.5	MG/KG
Silver	ND		1.0	MG/KG

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIHATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIHIT

METALS SECTION JOB NUMBER :9100.158

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
RESULTS IN WET WEIGHT
SAMPLE ID LAB : EE-91-01485 MATRIX: SOLID
SAMPLE ID CLIENT: P11-S012A

PARAMETER	RESULTS	Q	DET. LIMIT	UNITS
Arsenic	ND		6.9	MG/KG
Chromium	1.8		1.0	MG/KG
Zinc	5.5		2.0	MG/KG
Lead	8.7		4.0	MG/KG
Cadmium	ND		0.50	MG/KG
Nickel	ND		4.0	MG/KG
Copper	ND		2.5	MG/KG
Silver	ND		1.0	MG/KG

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

HETALS SECTION JOB NUMBER :9100.158

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
RESULTS IN WET WEIGHT
SAMPLE ID LAB : BE-91-01486 MATRIX: SOLID
SAMPLE ID CLIENT: P11-S012B

PARAMETER	RESULTS	Q	DET. LINIT	UNITS
Arsenic	ND		6.9	MG/KG
Chromium	9.3		1.0	MG/KG
Zinc	30		2.0	MG/KG
Lead	ND		4.0	MG/KG
Cadmium	1.8		0.50	MG/KG
Nickel	ND		4.0	MG/KG
Copper	7.7		2.5	MG/KG
Silver	ND		1.0	MG/KG

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

METALS SECTION JOB NUMBER :9100.145

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
RESULTS IN WET WEIGHT
SAMPLE ID LAB : EE-91-01397 MATRIX: SOLID
SAMPLE ID CLIENT: P11-S013A

PARAMETER	RESULTS	Q	DET. LIMIT	UNITS
Arsenic	ND		6.9	MG/KG
Chromium	1.3		1.0	MG/KG
Zinc	ND		2.0	MG/KG
Lead	7.3		4.0	MG/KG
Cadmium	ND		0.50	MG/KG
Nickel	ND		4.0	MG/KG
Copper	ND		2.5	MG/KG
Silver	ND		1.0	MG/KG

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

METALS SECTION JOB NUMBER :9100.145

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
RESULTS IN WET WEIGHT
SAMPLE ID LAB : EE-91-01398 MATRIX: SOLID
SAMPLE ID CLIENT: P11-S013A DUP

PARAMETER	RESULTS	Q	DET. LIMIT	UNITS
Arsenic	ND		6.9	MG/KG
Chromium	1.7		1.0	MG/KG
Zinc	ND		2.0	MG/KG
Lead	ND		4.0	MG/KG
Cadmium	ND		0.50	MG/KG
Nickel	ND		4.0	MG/KG
Copper	ND		2.5	MG/KG
Silver	ND		1.0	MG/KG

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

METALS SECTION JOB NUMBER :9100.145

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
RESULTS IN WET WEIGHT
SAMPLE ID LAB : EE-91-01399 MATRIX: SOLID
SAMPLE ID CLIENT: P11-S013B

PARAMETER	RESULTS	Q	DET. LIMIT	UNITS
Arsenic	lo		6.9	MG/KG
Chromium	40		1.0	MG/KG
Zinc	1300		2.0	MG/KG
Lead	510		4.0	MG/KG
Cadmium	23		0.50	MG/KG
Nickel	12		4.0	MG/KG
Copper	270		2.5	MG/KG
Silver	14		1.0	MG/KG

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

METALS SECTION JOB NUMBER :9100.123

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
RESULTS IN WET WEIGHT
SAMPLE ID LAB : EE-91-01155 MATRIX: SOLID
SAMPLE ID CLIENT: P11-S014A

PARAMETER	RESULTS	Q	DET. LIMIT	UNITS
Assenic	ND		6.9	MG/KG
Chromium	2.3		1.0	MG/KG
Zinc	8.7		2.0	MG/KG
Lead	11		4.0	MG/KG
Cadmium	ND		0.50	MG/KG
Nickel	ND		4.0	MG/KG
Copper	ND		2.5	MG/KG
Silver	ND		1.0	MG/KG

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOV STATED DETECTION LIMIT

METALS SECTION JOB NUMBER :9100.163

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
RESULTS IN WET WEIGHT
SAMPLE ID LAB : EE-91-01507 MATRIX: SOLID
SAMPLE ID CLIENT: P11-S015A

PARAMETER	RESULTS	Q	DET. LIMIT	UNITS
Arsenic	ND		6.9	MG/KG
Chromium	2.5		1.0	MG/KG
Zinc	4.8		2.0	MG/KG
Lead	ND		4.0	MG/KG
Cadmium	ND		0.50	MG/KG
Nickel	ND		4.0	MG/KG
Copper	ND		2.5	MG/KG
Silver	ND		1.0	MG/KG

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

METALS SECTION JOB NUMBER :9100.163

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PEASE I GROUPS A-E
RESULTS IN WET WEIGHT
SAMPLE ID LAB : EE-91-01508 MATRIX: SOLID
SAMPLE ID CLIENT: P11-S015B

PARAMETER	RESULTS	Q	DET. LIHIT	UNITS
Arsenic	ND		6.9	MG/KG
Chromium	2.5		1.0	MG/KG
Zinc	7.5		2.0	MG/KG
Lead	11		4.0	MG/KG
Cadmium	ND		0.50	MG/KG
Nickel	ND		4.0	MG/KG
Copper	3.7		2.5	MG/KG
Silver	ND		1.0	MG/KG

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

METALS SECTION JOB NUMBER :9100.158

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
RESULTS IN WET WEIGHT
SAMPLE ID LAB : EE-91-01489 MATRIX: SOLID
SAMPLE ID CLIENT: P11-S016A

PARAMETER	RESULTS	Q	DET. LIMIT	UNITS
Arsenic	ND		6.9	MG/KG
Chromium	10		1.0	MG/KG
Zinc	70		2.0	MG/KG
Lead	58		4.0	MG/KG
Cadmium	2.6		0.50	MG/KG
Nickel	ND		4.0	MG/KG
Copper	34		2.5	MG/KG
Silver	ND		1.0	MG/KG

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

METALS SECTION JOB NUMBER :9100.123

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASB I GROUPS A-B
RESULTS IN WET WEIGHT
SAUPLE ID LAB : EE-91-01156 MATRIX: SOLID
SAMPLE ID CLIENT: P11-S017A

PARAMETER	RESULTS	Q	DET. LIHIT	UNITS
Arsenic	ND		6.9	MG/KG
Chromium	17		1.0	MG/KG
Zinc	120		2.0	MG/KG
Lead	1200		4.0	MG/KG
Cadmium	8.5		0.50	MG/KG
Nickel	10		4.0	MG/KG
Copper	53		2.5	MG/KG
Silver	3.8		1.0	MG/KG

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIIIATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIHIT

METALS SECTION JOB NUMBER :9100.123

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
RESULTS IN WET WEIGHT
SAMPLE ID LAB : EE-91-01157 MATRIX: SOLID
SAMPLE ID CLIENT: P11-S018A

PARAMETER	RESULTS	Q	DET. LIMIT	UNITS
Arsenic	ND		6.9	MG/KG
Chromium	18		1.0	MG/KG
Zinc	520		2.0	MG/KG
Lead	220		4.0	MG/KG
Cadmium	14		0.50	MG/KG
Nickel	6.8		4.0	MG/KG
Copper	140		2.5	MG/KG
Silver	9.0		1.0	MG/KG

QUALIFIERS: C = COMHENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

HETALS SECTION JOB NUMBER :9100.170

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PEASE I GROUPS A-E
RESULTS IN WET WEIGHT
SAHPLE ID LAB : EE-91-01551 MATRIX: SOLID
SAHPLE ID CLIENT: P11-S019A

PARAMETER	RESULTS	Q	DET. LIMIT	UNITS
Arsenic	8.3		6.9	MG/KG
Chromium	16		1.0	MG/KG
Zinc	630		2.0	MG/KG
Lead	940		4.0	MG/KG
Cadmium	21		0.50	MG/KG
Nickel	7.3		4.0	MG/KG
Copper	150		2.5.	MG/KG
Silver	ND		1.0	MG/KG

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

METALS SECTION JOB NUMBER :9100.170

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
RESULTS IN WET WEIGHT
SAMPLE ID LAB : EE-91-01552 MATRIX: SOLID
SAMPLE ID CLIENT: P11-S019ADUP

PARAMETER	RESULTS	Q	DET. LIMIT	UNITS
Arsenic	ND		6.9	MG/KG
Chromium	16		1.0	MG/KG
Zinc	520		2.0	MG/KG
Lead	540		4.0	MG/KG
Cadmium	19		0.50	MG/KG
Nickel	7.6		4.0	MG/KG
Copper	120		2.5	MG/KG
Silver	ND		1.0	MG/KG

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

METALS SECTION JOB NUMBER :9100.170

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PEASE I GROUPS A-E
RESULTS IN WET WEIGHT
SAMPLE ID LAB : EE-91-01553 MATRIX: SOLID
SAHPLE ID CLIENT: P11-S020A

PARAMETER	RESULTS	Q	DET. LIMIT	UNITS
Arsenic	13		6.9	MG/KG
Chromium	6.8		1.0	MG/KG
Zinc	180		2.0	MG/KG
Lead	240		4.0	MG/KG
Cadmium	8.0		0.50	MG/KG
Nickel	9.3		4.0	MG/KG
Copper	24		2.5	MG/KG
Silver	ND		1.0	MG/KG

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

METALS SECTION JOB NUMBER :9100.163

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
RESULTS IN WET WEIGHT
SAMPLE ID LAB : EE-91-01509 MATRIX: SOLID
SAMPLE ID CLIENT: P11-S021A

PARAMETER	RESULTS	Q	DET. LIMIT	UNITS
Arsenic	ND		6.9	MG/KG
Chromium	36		1.0	MG/KG
Zinc	1000		2.0	MG/KG
Lead	1700		4.0	MG/KG
Cadmium	64		0.50	MG/KG
Nickel	110		4.0	MG/KG
Copper	28000		2.5	MG/KG
Silver	ND		1.0	MG/KG

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

METALS SECTION JOB NUMBER :9100.163

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
RESULTS IN WET WEIGHT
SAMPLE ID LAB : EE-91-01510 MATRIX: SOLID
SAMPLE ID CLIENT: P11-S022A

PARAMETER	RESULTS	Q	DET. LIMIT	UNITS
Arsenic	ND		6.9	MG/KG
Chromium	110		1.0	MG/KG
Zinc	85		2.0	MG/KG
Lead	77		4.0	MG/KG
Cadmium	4.8		0.50	MG/KG
Nickel	ND		4.0	MG/KG
Copper	22		2.5	MG/KG
Silver	ND		1.0	MG/KG

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

METALS SECTION JOB NUMBER :9100.163

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
RESULTS IN WET WEIGHT
SAMPLE ID LAB : EE-91-01511 MATRIX: SOLID
SAMPLE ID CLIENT: P11-SO23A

PARAMETER	RESULTS	Q	DET. LIMIT	UNITS
Arsenic	ND		6.9	MG/KG
Chromium	20		1.0	MG/KG
Zinc	450		2.0	MG/KG
Lead	1500		4.0	MG/KG
Cadmium	16		0.50	MG/KG
Nickel	6.5		4.0	MG/KG
Copper	84		2.5	MG/KG
Silver	ND		1.0	MG/KG

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

METALS SECTION JOB NUMBER :9100.158

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
RESULTS IN WET WEIGHT
SAMPLE ID LAB : BE-91-01488 MATRIX: SOLID
SAMPLE ID CLIENT: P11-S024A

PARAMETER	RESULTS	Q	DET. LIMIT	UNITS
Arsenic	7.0		6.9	MG/KG
Chromium	12		1.0	MG/KG
Zinc	53		2.0	MG/KG
Lead	60		4.0	MG/KG
Cadmium	5.0		0.50	MG/KG
Nickel	ND		4.0	MG/KG
Copper	19		2.5	MG/KG
Silver	ND		1.0	MG/KG

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

METALS SECTION JOB NUMBER :9100.158

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
RESULTS IN WET WEIGHT
SAMPLE ID LAB : EE-91-01487 MATRIX: SOLID
SAMPLE ID CLIENT: P11-S025A

PARAMETER	RESULTS	Q	DET. LIMIT	UNITS
Arsenic	ND		6.9	MG/KG
Chromium	7.3		1.0	MG/KG
Zinc	97		2.0	MG/KG
Lead	210		4.0	MG/KG
Cadmium	4.7		0.50	MG/KG
Nickel	3.5		4.0	MG/KG
Copper	19		2.5	MG/KG
Silver	1.2		1.0	MG/KG

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

METALS SECTION JOB NUMBER :9100.163

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
RESULTS IN WET WEIGHT
SAMPLE ID LAB : EE-91-01512 MATRIX: SOLID
SAMPLE ID CLIENT: P11-S026A

PARAMETER	RESULTS	Q	DET. LIHIT	UNITS
Arsenic	ND		6.9	MG/KG
Chromium	16		1.0	MG/KG
Zinc	410		2.0	MG/KG
Lead	180		4.0	MG/KG
Cadmium	32		0.50	MG/KG
Nickel	9.1		4.0	MG/KG
Copper	88		2.5	MG/KG
Silver	ND		1.0	MG/KG

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

METALS SECTION JOB NUMBER :9100.170

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
RESULTS IN WET WEIGHT
SAMPLE ID LAB : EE-91-01554 MATRIX: SOLID
SAMPLE ID CLIENT: P11-S027A

PARAMETER	RESULTS	Q	DET. LIMIT	UNITS
Arsenic	14		6.9	MG/KG
Chromium	23		1.0	MG/KG
Zinc	43		2.0	MG/KG
Lead	91		4.0	MG/KG
Cadmium	5.9		0.50	MG/KG
Nickel	ND		4.0	MG/KG
Copper	4.7		2.5	MG/KG
Silver	ND		1.0	MG/KG

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

METALS SECTION JOB NUMBER :9100.170

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UR-6000 NASP PHASE I GROUPS A-E
RESULTS IN WET WEIGHT
SAMPLE ID LAB : EE-91-01555 MATRIX: SOLID
SAMPLE ID CLIENT: P11-S028A

PARAMETER	RESULTS	Q	DET. LIMIT	UNITS
Arsenic	11		6.9	MG/KG
Chromium	620		1.0	MG/KG
Zinc	54		2.0	MG/KG
Lead	160		4.0	MG/KG
Cadmium	6.7		0.50	MG/KG
Nickel	ND		4.0	MG/KG
Copper	13		2.5	MG/KG
Silver	ND		1.0	MG/KG

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

METALS SECTION JOB NUMBER :9100.163

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
RESULTS IN WET WEIGHT
SAMPLE ID LAB : EE-91-01513 MATRIX: SOLID
SAMPLE ID CLIENT: P11-S029A

PARAMETER	RESULTS	Q	DET. LIMIT	UNITS
Arsenic	ND		6.9	MG/KG
Chromium	8.1		1.0	MG/KG
Zinc	2.4		2.0	MG/KG
Lead	4.4		4.0	MG/KG
Cadmium	ND		0.50	MG/KG
Nickel	ND		4.0	MG/KG
Copper	ND		2.5	MG/KG
Silver	ND		1.0	MG/KG

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

HETALS SECTION JOB NUMBER :9100.170

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PBASE I *GROUPS* A-E
RESULTS IN WET WEIGHT
SAMPLE ID LAB : EE-91-01556 MATRIX: SOLID
SAHPLE ID CLIENT: P11-S030A

PARAMETER	RESULTS	Q	DET. LIHIT	UNITS
Arsenic	11		6.9	MG/KG
Chromium	6.9		1.0	MG/KG
Zinc	4.1		2.0	MG/KG
Lead	8.9		4.0	MG/KG
Cadmium	ND		0.50	MG/KG
Nickel	ND		4.0	MG/KG
Copper	ND		2.5	MG/KG
Silver	ND		1.0	MG/KG

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIHATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOV STATED DETECTION LIHIT

QUALITY CONTROL FOR PRECISION
RESULTS OF ANALYSIS OF REPLICATE
ANALYSES OF SOLID SAMPLES

9100.123

(mg/kg)

Parameter	E & E Laboratory No. 91-01153	Original Analysis	Replicate Analysis	Relative Percent Difference (RPD)
Arsenic		ND	ND	--
Chromium		4.1	3.1	28
Zinc		ND	ND	--
Lead		ND	ND	--
Cadmium		ND	ND	--
Nickel		ND	ND	--
Copper		ND	ND	--
Silver		ND	ND	--

QUALITY CONTROL FOR ACCURACY: PERCENT RECOVERY
FOR SPIKED SOLID SAMPLES

9100.123

(mg/kg)

Parameter	E & E Laboratory No. 91-01153	Original Value	Amount Added	Amount Determined	Percent Recovery
Arsenic		ND	200	180	90
Chromium		4.1	20	30	130
Zinc		ND	50	50	100
Lead		ND	50	55	110
Cadmium		ND	5.0	4.4	88
Nickel		ND	50	47	94
Copper		ND	25	27	1C8
Silver		ND	5.0	4.8	96

QUALITY CONTROL FOR PRECISION
RESULTS OF ANALYSIS OF REPLICATE
ANALYSES OF SOLID SAMPLES

9100.145

(mg/kg)

Parameter	E & E Laboratory No. 91-01398	Original Analysis	Replicate Analysis	Relative Percent Difference (RPD)
Arsenic		ND	ND	--
Chromium		1.7	ND	--
Zinc		ND	2.6	--
Lead		ND	34	--
Cadmium		ND	1.8	--
Nickel		ND	ND	--
Copper		ND	ND	--
Silver		ND	ND	--

QUALITY CONTROL FOR ACCURACY: PERCENT RECOVERY
FOR SPIKED SOLID SAMPLES

9100.145

(mg/kg)

Parameter	E & E Laboratory No. 91-01398	Original Value	Amount Added	Amount Determined	Percent Recovery
Arsenic		ND	200	190	95
Chromium		1.7	20	21	96
Zinc		ND	50	48	96
Lead		ND	50	44	88
Cadmium		ND	5.0	5.0	100
Nickel		ND	50	46	92
Copper		ND	25	25	100
Silver		ND	5.0	4.1	82

QUALITY CONTROL FOR PRECISION
RESULTS OF ANALYSIS OF REPLICATE
ANALYSES OF SOLID SAMPLES

9100.158

(mg/kg)

Parameter	E & E Laboratory No. 91-01488	Original Analysis	Replicate Analysis	Relative Percent Difference (RPD)
Arsenic		7.0	ND	--
Chromium		12	12	0
Zinc		53	47	12
Lead		60	54	10
Cadmium		5.0	4.7	6.2
Nickel		ND	ND	--
Copper		19	17	11
Silver		ND	ND	--

QUALITY CONTROL FOR ACCURACY: PERCENT RECOVERY
FOR SPIKED SOLID SAMPLES

9100.158

(mg/kg)

Parameter	E & E Laboratory No. 91-01488	Original Value	Amount Added	Amount Determined	Percent Recovery
Arsenic		7.0	208	210	102
Chromium		12	20	35	115
Zinc		53	50	110	114
Lead		60	50	110	100
Cadmium		5.0	5.0	10	100
Nickel		ND	50	54	108
Copper		19	25	40	84
Silver		ND	5.0	5.5	110

METALS SECTION JOB NUMBER :9100.123

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
RESULTS IN WET WEIGHT
SAMPLE ID LAB : HETHOD BLANK MATRIX: SOLID

PARAMETER	RESULTS	Q	DET. LIMIT	UNITS
Arsenic	ND		6.9	MG/KG
Chromium	ND		1.0	MG/KG
Zinc	ND		2.0	MG/KG
Lead	ND		4.0	MG/KG
Cadmium	ND		0.50	MG/KG
Nickel	ND		4.0	MG/KG
Copper	ND		2.5	MG/KG
Silver	ND		1.0	MG/KG

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

METALS SECTION JOB NUMBER :9100.145

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
RESULTS IN WET WEIGHT
SAMPLE ID LAB : METHOD BLANK MATRIX: SOLID

PARAMETER	RESULTS	Q	DET. LIHIT	UNITS
Arsenic	ND		6.9	MG/KG
Chromium	ND		1.0	MG/KG
Zinc	ND		2.0	MG/KG
Lead	ND		4.0	MG/KG
Cadmium	ND		0.50	MG/KG
Nickel	ND		4.0	MG/KG
Copper	ND		2.5	MG/KG
Silver	ND		1.0	MG/KG

QUALIFIERS: C = COHMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIHIT

METALS SECTION JOB NUMBER :9100.158

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
RESULTS IN WET WEIGHT
SAMPLE ID LAB : METHOD BLANK MATRIX: SOLID

PARAMETER	RESULTS	Q	DET. LIMIT	UNITS
Arsenic	ND		6.9	MG/KG
Chromium	ND		1.0	MG/KG
Zinc	ND		2.0	MG/KG
Lead	ND		4.0	MG/KG
Cadmium	ND		0.50	MG/KG
Nickel	ND		4.0	MG/KG
Copper	ND		2.5	MG/KG
Silver	ND		1.0	MG/KG

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

METALS SECTION JOB NUMBER :9100.163

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
RESULTS IN WET WEIGHT
SAMPLE ID LAB : METHOD BLANK MATRIX: SOLID

PARAMETER	RESULTS	Q	DET. LIMIT	UNITS
Arsenic	ND		6.9	MG/KG
Chromium	ND		1.0	MG/KG
Zinc	ND		2.0	MG/KG
Lead	ND		4.0	MG/KG
Cadmium	ND		0.50	MG/KG
Nickel	ND		4.0	MG/KG
Copper	ND		2.5	MG/KG
Silver	ND		1.0	MG/KG

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

METALS SECTION JOB NUMBER :9100.170

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
RESULTS IN WET WEIGHT
SAMPLE ID LAB : METHOD BLANK MATRIX: SOLID

PARAMETER	RESULTS	Q	DET. LIMIT	UNITS
Arsenic	ND		6.9	MG/KG
Chromium	ND		1.0	MG/KG
Zinc	ND		2.0	MG/KG
Lead	ND		4.0	MG/KG
Cadmium	ND		0.50	MG/KG
Nickel	ND		4.0	MG/KG
Copper	ND		2.5	MG/KG
Silver	ND		1.0	MG/KG

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIHIT

TEST CODE :SPNTPH1 JOB NUMBER :9100.123

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
TEST NAME : PNC TRPH UNITS : MG/KG
PARAMETER : TRPH

SAMPLE ID	RESULTS	Q	DET. LIMIT
EE-91-01151 P11-S006A	19		5.0
EE-91-01152 P11-S007A	11		5.0
EE-91-01153 P11-S008A	54		5.0
EE-91-01154 P11-S010A	56		5.0
EE-91-01155 P11-S014A	15		5.0
EE-91-01156 P11-S017A	30		5.0
EE-91-01157 P11-S018A	820		5.0

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BBLOU STATED DETECTION LIHIT
NA = NOT APPLICABLE

TEST CODE : SPNTPH1 JOB NUMBER : 9100.145

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
TEST NAME : PNC TRPH UNITS : MG/KG
PARAMETER : TRPH

SAMPLE ID	RESULTS	Q	DET. LIMIT
EE-91-01386 P11-S001A	8.6		5.0
EE-91-01387 P11-S001B	17		5.0
EE-91-01388 P11-S002A	25		5.0
EE-91-01389 P11-S002B	18		5.0
EE-91-01390 P11-S003A	20		5.0
EE-91-01391 P11-S003B	11		5.0
EE-91-01392 P11-S004A	28000		5.0
EE-91-01393 P11-S004B	15000		5.0
EE-91-01394 P11-S005A	21		5.0
EE-91-01395 P11-S005B	550		5.0
EE-91-01396 P11-S009A	19		5.0
EE-91-01397 P11-S013A	ND		5.0
EE-91-01398 P11-S013A DUP	ND		5.0

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT
NA = NOT APPLICABLE

TEST CODE :SPNTPH1 JOB NUMBER :9100.145

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
TEST NAME : PNC TRPH UNITS : MG/KG
PARAMETER : TRPH

SAMPLE ID	RESULTS	Q	DET. LIMIT
EE-91-01399			
P11-SO13B	12000		5.0

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT
NA = NOT APPLICABLE .

TEST CODE : SPNTPH1 JOB NUMBER : 9100.158

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PEASE I GROUPS A-E
TEST NAME : PNC TRPH UNITS : MG/KG
PARAMETER : TRPH

SAMPLE ID	RESULTS	Q	DET. LIMIT
EE-91-01485 P11-S012A	66		5.0
EE-91-01486 P11-S012B	21		5.0
EE-91-01487 P11-S025A	5400		5.0
EE-91-01488 P11-S024A	46		5.0
EE-91-01489 P11-S016A	2900		5.0
EE-91-01490 P11-S011A	250		5.0

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT
NA = NOT APPLICABLE

TEST CODE : SPNTPH1 JOB NUMBER 39100.163

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PEASE I GROUPS A-E
TEST NAME : **PNC** TRPH UNITS : MG/KG
PARAMETER : TRPH

SAMPLE ID	RESULTS	Q	DET. LIMIT
EE-91-01507 P11-SO15A	3600		5.0
EE-91-01508 P11-SO15B	3600		5.0
EE-91-01509 P11-SO21A	13000		5.0
EE-91-01510 P11-SO22A	1800		5.0
EE-91-01511 P11-SO23A	41000		5.0
EE-91-01512 P11-SO26A	6800		5.0
EE-91-01513 P11-SO29A	ND		5.0

QUALIFIERS: C = COHHENT ND = NOT DETECTED
J = ESTXHATED VALUE B = ALSO PRESENT IN **BLANK**
L = PRESENT BELOV STATED DETECTION LIMIT
NA = NOT APPLICABLE

TEST CODE :SPNTPH1 JOB NUMBER :9100.170

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
TEST NAME : PNC TRPH UNITS : MG/KG
PARAMETER : TRPH

SAMPLE ID	RESULTS	Q	DET. LIMIT
EE-91-01551 P11-S019A	540		5.0
EE-91-01552 P11-S019ADUP	740		5.0
EE-91-01553 P11-S020A	7800		5.0
EE-91-01554 P11-S027A	140		5.0
EE-91-01555 P11-S028A	1800		5.0
EE-91-01556 P11-S030A	210		5.0

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT
NA = NOT APPLICABLE

QUALITY CONTROL FOR ACCURACY: PERCENT RECOVERY
FOR SPIKED SOIL SAMPLES

9100.123

(mg/kg)

Parameter	E & E Laboratory No. 91-01155	Original Value	Amount Added	Amount Determined	Percent Recovery
T.Petroleum Hydrocarbons		15	200	180	82

QUALITY CONTROL FOR ACCURACY: PERCENT RECOVERY
FOR SPIKED SOIL SAMPLES

9100.145

(mg/kg)

Parameter	E & E Laboratory No. 91-	Original Value	Amount Added	Amount Determined	Percent Recovery
T.Petroleum Hydrocarbons	01394	21	230	240	95

QUALITY CONTROL FOR PRECISION
RESULTS OF ANALYSIS OF REPLICATE
ANALYSES OF SOIL SAMPLES

9100.145

(mg/kg)

Parameter	E & E Laboratory No. 91-	Original Analysis	Replicate Analysis	Relative Percent Difference (RPD)
T. Petroleum Hydrocarbons	01388	25	14	56
	01399	12000	15000	22

QUALITY CONTROL FOR ACCURACY: PERCENT RECOVERY
FOR SPIKED SOIL SAMPLES

9100.158

(mg/kg)

Parameter	E & E Laboratory No. 91-01485	Original Value	Amount Added	Amount Determined	Percent Recovery
T.Petroleum Hydrocarbons		66	230	220	67

QUALITY CONTROL FOR PRECISION
RESULTS OF ANALYSIS OF REPLICATE
ANALYSES OF SOIL SAMPLES

9100.163

(mg/kg)

Parameter	E & E Laboratory No. 91-	Original Analysis	Replicate Analysis	Relative Pcrccnt Difference (RPD)
T. Petroleum Hydrocarbons	01511	41000	34000	19

TEST CODE :SPNPRG1 JOB NUMBER :9100.145

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
RESULTS IN WET WEIGHT
TEST NAME : PNC PURGABLES- GC UNITS : UG/KG
SAMPLE ID LAB : EE-91-01386 MATRIX : SOLID
SAMPLE ID CLIENT: P11-S001A

PARAMETER	RESULTS	Q	DET. LIMIT
Benzene	ND		1000
Toluene	ND		1000
Ethylbenzene	ND		1000
Total Xylenes	ND		1000
1,2 - Dichlorobenzene	ND		1000
1,3 - Dichlorobenzene	ND		1000
1,4 - Dichlorobenzene	ND		1000
1,1 - dichloroethene	ND		1000
Methylene Chloride	2000		1000
Trans-1,2, - Dichloroethene	ND		1000
1,1 - dichloroethane	ND		1000
1,1,1 - Trichloroethane	ND		1000
1,2 - Dichloroethane	ND		1000
Trichloroethene	ND		1000
Tetrachloroethene	ND		1000

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

TEST CODE :SPNPRG1 JOB NUMBER :9100.145

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
RESULTS IN WET WEIGHT
TEST NAME : PNC PURGABLES- GC UNITS : UG/KG
SAMPLE ID LAB : BE-91-01387 MATRIX : SOLID
SAMPLE ID CLIENT: P11-S0018

PARAMETER	RESULTS	Q	DET. LIHIT
Benzene	ND		1000
Toluene	ND		1000
Ethylbenzene	ND		1000
Total Xylenes	ND		1000
1,2 - Dichlorobenzene	ND		1000
1,3 - Dichlorobenzene	ND		1000
1,4 - Dichlorobenzene	ND		1000
1,1 - dichlorocthene	ND		1000
Methylene Chloride	ND		1000
Trans-1,2, - Dichloroethene	ND		1000
1,1 - dichloroethane	ND		1000
1,1,1 - Trichloroethane	ND		1000
1,2 - Dichloroethane	ND		1000
Trichloroethene	ND		1000
Tetrachlorocthene	ND		1000

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIHIT

TEST CODE :SPNPRG1 JOB NUMBER :9100.145

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
RESULTS IN WET WEIGHT
TEST NAME : PNC PURGABLES- GC UNITS : UG/KG
SAMPLE ID LAB : EE-91-01388 MATRIX : SOLID
SAMPLE ID CLIENT: P11-S002A

PARAMETER	RESULTS	Q	DET. LIMIT
Benzene	ND		1000
Toluene	ND		1000
Ethylbenzene	ND		1000
Total Xylenes	ND		1000
1,2 - Dichlorobenzene	ND		1000
1,3 - Dichlorobenzene	ND		1000
1,4 - Dichlorobenzene	ND		1000
1,1 - dichloroethene	ND		1000
Methylene Chloride	ND		1000
Trans-1,2, - Dichloroethene	ND		1000
1,1 - dichloroethane	ND		1000
1,1,1 - Trichloroethane	ND		1000
1,2 - Dichloroethane	ND		1000
Trichloroethene	ND		1000
Tetrachloroethene	ND		1000

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

TEST CODE :SPNPRG1 JOB NUMBER :9100.145

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PEASE I GROUPS A-E
RESULTS IN WET WEIGHT
TEST NAME : PNC PURGABLES- GC UNITS : UG/KG
SAMPLE ID LAB : EE-91-01389 MATRIX : SOLID
SAMPLE ID CLIENT: P11-S002B

PARAHETER	RESULTS	Q	DET. LIMIT
Benzene	ND		1000
Toluene	ND		1000
Ethylbenzene	ND		1000
Total Xylenes	ND		1000
1,2 - Dichlorobenzene	ND		1000
1,3 - Dichlorobenzene	ND		1000
1,4 - Dichlorobenzene	ND		1000
1,1 - dichloroethene	ND		1000
Methylene Chloride	ND		1000
Trans-1,2, - Dichloroethene	ND		1000
1,1 - dichloroethane	ND		1000
1,1,1 - Trichloroechane	ND		1000
1,2 - Dichloroethanc	ND		1000
Trichloroethene	ND		1000
Tetrachloroethene	ND		1000

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

TEST CODE :SPNPRG1 JOB NUMBER :9100.145

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
RESULTS IN WET WEIGHT
TEST NAME : PNC PURGABLES- GC UNITS : UG/KG
SAMPLE ID LAB : EE-91-01390 MATRIX : SOLID
SAMPLE ID CLIENT: P11-S003A

PARAMETER	RESULTS	Q	DET. LIMIT
Benzene	ND		1000
Toluene	ND		1000
Ethylbenzene	ND		1000
Total Xylenes	ND		1000
1,2 - Dichlorobenzene	ND		1000
1,3 - Dichlorobenzene	ND		1000
1,4 - Dichlorobenzene	ND		1000
1,1 - dichloroethene	ND		1000
Methylene Chloride	ND		1000
Trans-1,2, - Dichloroethene	ND		1000
1,1 - dichloroethane	ND		1000
1,1,1 - Trichloroethane	ND		1000
1,2 - Dichloroethane	ND		1000
Trichloroethene	ND		1000
Tetrachloroethene	ND		1000

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

TEST CODE :SPNPRG1 JOB NUMBER :9100.145

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
RESULTS IN WET WEIGHT
TEST NAME : PNC PURGABLBS- GC UNITS : UG/KG
SAMPLE ID LAB : EE-91-01391 MATRIX : SOLID
SAMPLE ID CLIENT: P11-S003B

PARAMETER	RESULTS	Q	DET. LIHIT
Benzene	ND		1000
Toluene	ND		1000
Ethylbenzene	ND		1000
Total Xylenes	ND		1000
1,2 - Dichlorobenzene	ND		1000
1,3 - Dichlorobenzene	ND		1000
1,4 - Dichlorobenzene	ND		1000
1,1 - dichloroethene	ND		1000
Methylene Chloride	ND		1000
Trans-1,2, - Dichloroethene	ND		1000
1,1 - dichloroethane	ND		1000
1,1,1 - Trichloroethane	ND		1000
1,2 - Dichloroethane	ND		1000
Trichloroethcne	ND		1000
Tetrachloroethene	ND		1000

QUALIFIERS: C = COHHENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

TEST CODE : SPNPRG1 JOB NUMBER : 9100.145

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
RESULTS IN WET WEIGHT
TEST NAME : PNC PURGABLES- GC UNITS : UG/KG
SAMPLE ID LAB : EE-91-01392 MATRIX : SOLID
SAMPLE ID CLIENT: P11-S004A

PARAMETER	RESULTS	Q	DET. LIMIT
Benzene	ND		1000
Toluene	ND		1000
Ethylbenzene	ND		1000
Total Xylenes	ND		1000
1,2 - Dichlorobenzene	ND		1000
1,3 - Dichlorobenzene	ND		1000
1,4- Dichlorobenzene	ND		1000
1,1 - dichloroethene	ND		1000
Methylene Chloride	ND		1000
Trans-1,2, - Dichloroethene	ND		1000
1,1 - dichloroethane	ND		1000
1,1,1 - Trichloroethane	ND		1000
1,2 - Dichloroethane	ND		1000
Trichloroethene	ND		1000
Tetrachloroethene	ND		1000

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

TEST CODE :SPNPRG1 JOB NUMBER :9100.145

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PEASE I GROUPS A-E
RESULTS IN WET WEIGHT
TEST NAME : PNC PURGABLES- GC UNITS : UG/KG
SAMPLE ID LAB : EE-91-01393 MATRIX : SOLID
SAMPLE ID CLIENT: P11-S004B

PARAMETER	RESULTS	Q	DET. LIMIT
Benzene	ND		1000
Toluene	ND		1000
Ethylbenzene	ND		1000
Total Xylenes	ND		1000
1,2 - Dichlorobenzene	ND		1000
1,3 - Dichlorobenzene	ND		1000
1,4 - Dichlorobenzene	ND		1000
1,1 - dichloroethene	ND		1000
Methylene Chloride	ND		1000
Trans-1,2, - Dichloroethene	ND		1000
1,1 - dichloroethane	ND		1000
1,1,1 - Trichloroethane	ND		1000
1,2 - Dichloroethane	ND		1000
Trichloroethene	ND		1000
Tetrachloroethene	ND		1000

QUALIFIERS: C = COMMENT ND = NOT DETECTED
3 = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOV STATED DETECTION LIMIT

TEST CODE : SPNPRG1 JOB NUMBER : 9100.145

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
RESULTS IN WET WEIGHT
TEST NAME : PNC PURGABLES- GC UNITS : UG/KG
SAMPLE ID LAB : EE-91-01394 MATRIX : SOLID
SAMPLE ID CLIENT: P11-S005A

PARAMETER	RESULTS	Q	DET. LIMIT
Benzene	ND		1000
Toluene	ND		1000
Ethylbenzene	ND		1000
Total Xylenes	ND		1000
1,2 - Dichlorobenzene	ND		1000
1,3 - Dichlorobenzene	ND		1000
1,4 - Dichlorobenzene	ND		1000
1,1 - dichloroethene	ND		1000
Methylene Chloride	ND		1000
Trans-1,2, - Dichloroethene	ND		1000
1,1 - dichloroethane	ND		1000
1,1,1 - Trichloroethane	ND		1000
1,2 - Dichloroethane	ND		1000
Trichloroethene	ND		1000
Tetrachloroethene	ND		1000

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

TEST CODE :SPNPRG1 JOB NUMBER :9100.145

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
RESULTS IN WET WEIGHT
TEST NAME : PNC PURGABLES- GC UNITS : UG/KG
SAMPLE ID LAB : EE-91-01395 MATRIX : SOLID
SAHPLE ID CLIENT: P11-S005B

PARAMETER	RESULTS	Q	DET. LIMIT
Benzene	ND		1000
Toluene	ND		1000
Ethylbenzene	ND		1000
Total Xylenes	ND		1000
1,2 - Dichlorobenzene	ND		1000
1,3 - Dichlorobenzene	ND		1000
1,4 - Dichlorobenzene	ND		1000
1,1 - dichloroethene	ND		1000
Methylene Chloride	ND		1000
Trans-1,2, - Dichloroethene	ND		1000
1,1 - dichloroethane	ND		1000
1,1,1 - Trichloroethane	ND		1000
1,2 - Dichloroethane	ND		1000
Trichloroethene	ND		1000
Tetrachloroethene	ND		1000

QUALIFIERS: C = COHHENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

TEST CODE :SPNPRG1 JOB NUMBER :9100.123

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
RESULTS IN WET VEIGHT
TEST NAME : PNC PURGABLES- GC UNITS : UG/KG
SAMPLE ID LAB : EE-91-01151 MATRIX : SOLID
SAMPLE ID CLIENT: P11-S006A

PARAMETER	RESULTS	Q	DET. LIMIT
Benzene	ND		1000
Toluene	ND		1000
Ethylbenzene	ND		1000
Total Xylenes	ND		1000
1,2 - Dichlorobenzene	ND		1000
1,3 - Dichlorobenzene	ND		1000
1,4 - Dichlorobenzene	ND		1000
1,1 - dichloroethene	ND		1000
Methylene Chloride	ND		1000
Trans-1,2, - Dichloroethene	ND		1000
1,1 - dichloroethane	ND		1000
1,1,1 - Trichloroethane	ND		1000
1,2 - Dichloroethane	ND		1000
Trichloroethene	ND		1000
Tetrachloroethene	ND		1000

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

TEST CODE :SPNPRG1 JOB NUMBER :9100.123

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-B
RESULTS IN WET WEIGHT
TEST NAHE : PNC PURGABLES- GC UNITS : UG/KG
SAHPLE ID LAB : EE-91-01152 MATRIX : SOLID
SAHPLE ID CLIENT: P11-S007A

PARAMETER	RESULTS	Q	DET. LIHIT
Benzene	ND		1000
Toluene	ND		1000
Ethylbenzene	ND		1000
Total Xylenes	ND		1000
1,2 - Dichlorobenzene	ND		1000
1,3 - Dichlorobenzene	ND		1000
1,4 - Dichlorobenzene	ND		1000
1,1 - dichloroethene	ND		1000
Methylene Chloride	ND		1000
Trans-1,2, - Dichloroethena	ND		1000
1,1 - dichloroethane	ND		1000
1,1,1 - Trichloroethanc	ND		1000
1,2 - Dichloroethane	ND		1000
Trichlorocthene	ND		1000
Tetrachloroethene	ND		1000

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

TEST CODE :SPNPRG1 JOB NUMBER :9100.123

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
RESULTS IN WET WEIGHT
TEST NAME : PNC PURGABLES- GC UNITS : UG/KG
SAMPLE ID LAB : EE-91-01153 MATRIX : SOLID
SAMPLE ID CLIENT: P11-S008A

PARAMETER	RESULTS	Q	DET. LIMIT
Benzene	ND		1000
Toluene	ND		1000
Ethylbenzene	ND		1000
Total Xylenes	ND		1000
1,2 - Dichlorobenzene	ND		1000
1,3 - Dichlorobenzene	ND		1000
1,4 - Dichlorobenzene	ND		1000
1,1 - dichloroethene	ND		1000
Methylene Chloride	ND		1000
Trans-1,2, - Dichloroethene	ND		1000
1,1 - dichloroethane	ND		1000
1,1,1 - Trichloroethane	ND		1000
1,2 - Dichloroethane	ND		1000
Trichloroethene	ND		1000
Tetrachloroethene	ND		1000

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

TEST CODE :SPNPRG1 JOB NUMBER :9100.145

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PEASE I GROUPS A-E
RESULTS IN WET WEIGHT
TEST NAME : PNC PURGABLES- GC UNITS : UG/KG
SAMPLE ID LAB : EE-91-01396 MATRIX : SOLID
SAMPLE ID CLIENT: P11-S009A

PARAMETER	RESULTS	Q	DET. LIMIT
Benzene	ND		1000
Toluene	ND		1000
Ethylbenzene	ND		1000
Total Xylenes	ND		1000
1,2 - Dichlorobenzene	ND		1000
1,3 - Dichlorobenzene	ND		1000
1,4 - Dichlorobenzene	ND		1000
1,1 - dichloroethene	ND		1000
Methylene Chloride	1300	B	1000
Trans-1,2, - Dichloroethene	ND		1000
1,1 - dichloroethane	ND		1000
1,1,1 - Trichloroethane	ND		1000
1,2 - Dichloroethane	ND		1000
Trichloroethene	ND		1000
Tetrachloroethene	ND		1000

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

TEST CODE :SPNPRG1 JOB NUMBER :9100.123

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
RESULTS IN WET WEIGHT
TEST NAME : PNC PURGABLES- GC UNITS : UG/KG
SAMPLE ID LAB : EE-91-01154 MATRIX : SOLID
SAMPLE ID CLIENT: P11-S010A

PARAMETER	RESULTS	Q	DET. LIMIT
Benzene	ND		1000
Toluene	ND		1000
Ethylbenzene	ND		1000
Total Xylenes	ND		1000
1,2 - Dichlorobenzene	ND		1000
1,3 - Dichlorobenzene	ND		1000
1,4 - Dichlorobenzene	ND		1000
1,1 - dichloroethene	ND		1000
Hethylene Chloride	ND		1000
Trans-1,2, - Dichloroethene	ND		1000
1,1 - dichloroethanc	ND		1000
1,1,1 - Trichloroethane	ND		1000
1,2 - Dichloroethane	ND		1000
Trichloroethene	ND		1000
Tetrachloroethene	ND		1000

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QUALIFIERS: C = COHHENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

TEST CODE :SPNPRG1 JOB NUMBER :9100.158

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
RESULTS IN WET WEIGHT
TEST NAHE : PNC PURGABLES- GC UNITS : UG/KG
SAMPLE ID LAB : €E-91-01490 MATRIX : SOLID
SAHPLE ID CLIENT: P11-S011A

PARAHETER	RESULTS	Q	DET. LIMIT
Benzene	ND		1000
Toluene	ND		1000
Ethylbenzene	ND		1000
Total Xylenes	ND		1000
1,2 - Dichlorobenzene	ND		1000
1,3 - Dichlorobenzene	ND		1000
1,4 - Dichlorobenzene	ND		1000
1,1 - dichloroethene	ND		1000
Methylene Chloride	ND		1000
Trans-1,2, - Dichloroethene	ND		1000
1,1 - dichloroethane	ND		1000
1,1,1 - Trichloroethane	ND		1000
1,2 - Dichloroethane	ND		1000
Trichloroethene	ND		1000
Tetrachloroethene	ND		1000

QUALIFIERS: C = COMHENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

TEST CODE :SPNPRG1 JOB NUMBER :9100.158

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
RESULTS IN WET WEIGHT
TEST NAME : PNC PURGABLES- GC UNITS : UG/KG
SAMPLE ID LAB : EE-91-01485 MATRIX : SOLID
SAMPLE ID CLIENT: P11-S012A

PARAMETER	RESULTS	Q	DET. LIMIT
Benzene	ND		1000
Toluene	ND		1000
Ethylbenzene	ND		1000
Total Xylenes	ND		1000
1,2 - Dichlorobenzene	ND		1000
1,3 - Dichlorobenzene	ND		1000
1,4 - Dichlorobenzene	ND		1000
1,1 - dichloroethene	ND		1000
Methylene Chloride	ND		1000
Trans-1,2, - Dichloroethene	ND		1000
1,1 - dichloroethane	ND		1000
1,1,1 - Trichloroethane	ND		1000
1,2 - Dichloroethane	ND		1000
Trichloroethene	ND		1000
Tetrachloroethene	ND		1000

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

TEST CODE :SPNPRG1 JOB NUMBER :9100.158

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
RESULTS IN WET WEIGHT
TEST NAME : PNC PURGABLES- GC UNITS : UG/KG
SAMPLE ID LAB : EE-91-01486 MATRIX : SOLID
SAMPLE ID CLIENT: P11-S012B

PARAMETER	RESULTS	Q	DET. LIMIT
Benzene	ND		1000
Toluene	ND		1000
Ethylbenzene	ND		1000
Total Xylenes	ND		1000
1,2 - Dichlorobenzene	ND		1000
1,3 - Dichlorobenzene	ND		1000
1,4 - Dichlorobenzene	ND		1000
1,1 - dichloroethenc	ND		1000
Methylene Chloride	ND		1000
Trans-1,2, - Dichloroethene	ND		1000
1,1 - dichloroethane	ND		1000
1,1,1 - Trichloroethane	ND		1000
1,2 - Dichloroethane	ND		1000
Trichloroethene	ND		1000
Tetrachloroethene	ND		1000

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

TEST CODE :SPNPRG1 JOB NUMBER :9100.145

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
RESULTS IN WET WEIGHT
TEST NAME : PNC PURGABLES- GC UNITS : UG/KG
SAMPLE ID LAB : EE-91-01397 MATRIX : SOLID
SAMPLE ID CLIENT: P11-S013A

PARAMETER	RESULTS	Q	DET. LIMIT
Benzene	ND		1000
Toluene	ND		1000
Ethylbenzene	ND		1000
Total Xylenes	ND		1000
1,2 - Dichlorobenzene	ND		1000
1,3 - Dichlorobenzene	ND		1000
1,4 - Dichlorobenzene	ND		1000
1,1 - dichloroethene	ND		1000
Methylene Chloride	ND		1000
Trans-1,2, - Dichloroethene	ND		1000
1,1 - dichloroethane,	ND		1000
1,1,1 - Trichloroethane	ND		1000
1,2 - Dichloroethane	ND		1000
Trichloroethene	ND		1000
Tetrachloroethene	ND		1000

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

TEST CODE :SPNPRG1 JOB NUMBER :9100.145

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PEASE I GROUPS A-E
RESULTS IN WET WEIGHT
TEST NAME : PNC PURGABLES- GC UNITS : UG/KG
SAMPLE ID LAB : EE-91-01398 MATRIX : SOLID
SAMPLE ID CLIENT: P11-S013A DUP

PARAMETER	RESULTS	Q	DET. LIHIT
Benzene	ND		1000
Toluene	ND		1000
Ethylbenzene	ND		1000
Total Xylenes	ND		1000
1,2 - Dichlorobenzene	ND		1000
1,3 - Dichlorobenzene	ND		1000
1,4 - Dichlorobenzene	ND		1000
1,1 - dichloroethene	ND		1000
Methylene Chloride	ND		1000
Trans-1,2, - Dichloroethene	ND		1000
1,1 - dichloroethane	ND		1000
1,1,1 - Trichloroethane	ND		1000
1,2 - Dichloroethane	ND		1000
Trichloroethene	ND		1000
Tetrachloroethene	ND		1000

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

TEST CODE :SPNPRG1 JOB NUMBER :9100.145

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
RESULTS IN WET WEIGHT
TEST NAME : PNC PURGABLES- GC UNITS : UG/KG
SAMPLE ID LAB : EE-91-01399 MATRIX : SOLID
SAMPLE ID CLIENT: P11-S013B

PARAMETER	RESULTS	Q	DET. LIMIT
Benzene	ND		1000
Toluene	ND		1000
Ethylbenzene	ND		1000
Total Xylenes	1300		1000
1,2 - Dichlorobenzene	ND		1000
1,3 - Dichlorobenzene	ND		1000
1,4 - Dichlorobenzene	ND		1000
1,1 - dichloroethene	ND		1000
Methylene Chloride	ND		1000
Trans-1,2, - Dichloroethene	ND		1000
1,1 - dichloroethane	ND		1000
1,1,1 - Trichloroethane	ND		1000
1,2 - Dichloroethane	ND		1000
Trichloroethene	ND		1000
Tetrachloroethene	ND		1000

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QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

TEST CODE :SPNPRG1 JOB NUMBER :9100.123

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PEASE I GROUPS A-E
RESULTS IN WET WEIGHT
TEST NAME : PNC PURGABLES- GC UNITS : UG/KG
SAMPLE ID LAB : EE-91-01155 MATRIX : SOLID
SAHPLE ID CLIENT: P11-S014A

PARAMETER	RESULTS	Q	DET. LIHIT
Benzene	ND		1000
Toluene	ND		1000
Ethylbenzene	ND		1000
Total Xylenes	ND		1000
1,2 - Dichlorobenzene	ND		1000
1,3 - Dichlorobenzene	ND		1000
1,4 - Dichlorobenzene	ND		1000
1,1 - dichloroethene	ND		1000
Methylene Chloride	ND		1000
Trans-1,2, - Dichloroethenc	ND		1000
1,1 - dichloroethane	ND		1000
1,1,1 - Trichloroethanc	ND		1000
1,2 - Dichloroethane	ND		1000
Trichloroethene	ND		1000
Tetrachloroethene	ND		1000

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

TEST CODE :SPNPRG1 JOB NUMBER :9100.163

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
RESULTS IN WET WEIGHT
TEST NAME : PNC PURGABLES- GC UNITS : UG/KG
SAMPLE ID LAB : EE-91-01507 MATRIX : SOLID
SAMPLE ID CLIENT: P11-S015A

PARAMETER	RESULTS	Q	DET. LIMIT
Benzene	ND		1000
Toluene	ND		1000
Ethylbenzene	ND		1000
Total Xylenes	ND		1000
1,2 - Dichlorobenzene	ND		1000
1,3 - Dichlorobenzene	ND		1000
1,4 - Dichlorobenzene	ND		1000
1,1 - dichloroethene	ND		1000
Methylene Chloride	ND		1000
Trans-1,2, - Dichloroethene	ND		1000
1,1 - dichloroethane	ND		1000
1,1,1 - Trichloroethane	ND		1000
1,2 - Dichloroethane	ND		1000
Trichloroethene	ND		1000
Tetrachloroethene	ND		1000

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

TEST CODE :SPNPRG1 JOB NUMBER :9100.163

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PEASE I GROUPS A-E
RESULTS IN WET WEIGHT
TEST NAME : PNC PURGABLES- GC UNITS : UG/KG
SAMPLE ID LAB : EE-91-01508 MATRIX : SOLID
SAMPLE ID CLIENT: P11-S015B

PARAMETER	RESULTS	Q	DET. LIHIT
Benzene	ND		1000
To1uene	ND		1000
Ethylbenzene	ND		1000
Total Xylenes	ND		1000
1,2 - Dichlorobenzene	ND		1000
1,3 - Dichlorobenzene	ND		1000
1,4 - Dichlorobenzene	ND		1000
1,1 - dichloroethene	ND		1000
Methylene Chloride	ND		1000
Trans-1,2, - Dichloroethene	ND		1000
1,1 - dichlorocthane	ND		1000
1,1,1 - Trichloroethane	ND		1000
1,2 - Dichloroethane	ND		1000
Trichloroethene	ND		1000
Tetrachloroethene	ND		1000

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

TEST CODE :SPNPRG1 JOB NUMBER :9100.158

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
RESULTS IN WET WEIGHT
TEST NAME : PNC PURGABLES- GC UNITS : UG/KG
SAMPLE ID LAB : EE-91-01489 MATRIX : SOLID
SAMPLE ID CLIENT: P11-S016A

PARAMETER	RESULTS	Q	DET. LIMIT
Benzene	ND		1000
Toluene	ND		1000
Ethylbenzene	ND		1000
Total Xylenes	ND		1000
1,2 - Dichlorobenzene	ND		1000
1,3 - Dichlorobenzene	ND		1000
1,4 - Dichlorobenzene	ND		1000
1,1 - dichloroethene	ND		1000
Methylene Chloride	ND		1000
Trans-1,2, - Dichloroethene	ND		1000
1,1 - dichloroethane	ND		1000
1,1,1 - Trichloroethane	ND		1000
1,2 - Dichloroethane	ND		1000
Trichloroethene	ND		1000
Tetrachloroethene	ND		1000

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

TEST CODE :SPNPRG1 JOB NUMBER :9100.123

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
RESULTS IN VET WEIGHT
TEST NAME : PNC PURGABLES- GC UNITS : UG/KG
SAMPLE ID LAB : EE-91-01156 MATRIX : SOLID
SAMPLE ID CLIENT: P11-S017A

PARAMETER	RESULTS	Q	DET. LIMIT
Benzene	ND		1000
Toluene	ND		1000
Ethylbenzene	ND		1000
Total Xylenes	ND		1000
1,2 - Dichlorobenzene	ND		1000
1,3 - Dichlorobenzene	ND		1000
1,4 - Dichlorobenzene	ND		1000
1,1 - dichloroethene	ND		1000
Methylene Chloride	ND		1000
Trans-1,2, - Dichloroethenc	ND		1000
1,1 - dichloroethane	ND		1000
1,1,1 - Trichloroethane	ND		1000
1,2 - Dichloroethane	ND		1000
Trichloroethene	ND		1000
Tetrachloroethene	ND		1000

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

TEST CODE :SPNPRG1 JOB NUMBER :9100.123

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
RESULTS IN WET WEIGHT
TEST NAME : PNC PURGABLES- GC UNITS : UG/KG
SAMPLE ID LAB : EE-91-01157 MATRIX : SOLID
SAMPLE ID CLIENT: P11-S018A

PARAMETER	RESULTS	Q	DET. LIMIT
Benzene	ND		1000
Toluene	ND		1000
Ethylbenzene	ND		1000
Total Xylenes	ND		1000
1,2 - Dichlorobenzene	ND		1000
1,3 - Dichlorobenzene	ND		1000
1,4 - Dichlorobenzene	ND		1000
1,1 - dichloroethene	ND		1000
Methylene Chloride	ND		1000
Trans-1,2, - Dichloroethene	ND		1000
1,1 - dichloroethane	ND		1000
1,1,1 - Trichloroethane	ND		1000
1,2 - Dichloroethane	ND		1000
Trichloroethene	ND		1000
Tetrachloroethene	ND		1000

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

TEST CODE :SPNPRG1 JOB NUMBER :9100.170

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
RESULTS IN WET WEIGHT
TEST NAME : PNC PURGABLES- GC UNITS : UG/KG
SAMPLE ID LAB : EE-91-01551 MATRIX : SOLID
SAMPLE ID CLIENT: P11-S019A

PARAMETER	RESULTS	Q	DET. LIMIT
Benzene	ND		1000
Toluene	1400		1000
Ethylbenzene	ND		1000
Total Xylenes	ND		1000
1,2 - Dichlorobenzene	ND		1000
1,3 - Dichlorobenzene	ND		1000
1,4 - Dichlorobenzene	ND		1000
1,1 - dichloroethene	ND		1000
Methylene Chloride	ND		1000
Trans-1,2, - Dichloroethenc	ND		1000
1,1 - dichloroethane	ND		1000
1,1,1 - Trichloroethane	ND		1000
1,2 - Dichloroethane	ND		1000
Trichloroethene	ND		1000
Tetrachloroethene	ND		1000

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOV STATED DETECTION LIMIT

TEST CODE :SPNPRG1 JOB NUMBER :9100.170

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
RESULTS IN WET WEIGHT
TEST NAME : PNC PURGABLES- GC UNITS : UG/KG
SAMPLE ID LAB : EE-91-01552 MATRIX : SOLID
SAMPLE ID CLIENT: P11-S019ADUP

PARAMETER	RESULTS	Q	DET. LIMIT
Benzene	ND		1000
Toluene	1300		1000
Ethylbenzene	ND		1000
Total Xylenes	ND		1000
1,2 - Dichlorobenzene	ND		1000
1,3 - Dichlorobenzene	ND		1000
1,4 - Dichlorobenzene	ND		1000
1,1 - dichloroethene	ND		1000
Methylene Chloride	ND		1000
Trans-1,2, - Dichloroethene	ND		1000
1,1 - dichloroethane	ND		1000
1,1,1 - Trichloroethane	ND		1000
1,2 - Dichloroethane	ND		1000
Trichloroethene	ND		1000
Tetrachloroethene	ND		1000

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QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

TEST CODE :SPNPRG1 JOB NUMBER :9100.170

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
RESULTS IN WET WEIGHT
TEST NAME : PNC PURGABLBS- GC UNITS : UG/KG
SAHPLE ID LAB : EE-91-01553 MATRIX : SOLID
SAMPLE ID CLIENT: P11-SO2OA

PARAMETER	RESULTS	Q	DET. LIHIT
Benzene	ND		1000
Toluene	1400		1000
Ethylbenzene	ND		1000
Total Xylenes	ND		1000
1,2 - Dichlorobenzene	ND		1000
1,3 - Dichlorobenzene	ND		1000
1,4 - Dichlorobenzene	ND		1000
1,1 - dichloroethene	ND		1000
Hethylene Chloride	ND		1000
Trans-1,2, - Dichloroethene	ND		1000
1,1 - dichloroethane	ND		1000
1,1,1 - Trichloroethane	ND		1000
1,2 - Dichloroethane	ND		1000
Trichloroethene	ND		1000
Tetrachloroethene	ND		1000

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

TEST CODE :SPNPRG1 JOB NUMBER :9100.163

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
RESULTS IN WET WEIGHT
TEST NAME : PNC PURGABLES- GC UNITS : UG/KG
SAMPLE ID LAB : EE-91-01509 MATRIX : SOLID
SAMPLE ID CLIENT: P11-S021A

PARAMETER	RESULTS	Q	DET. LIMIT
Benzene	ND		1000
Toluene	ND		1000
Ethylbenzene	ND		1000
Total Xylenes	1500		1000
1,2 - Dichlorobenzene	ND		1000
1,3 - Dichlorobenzene	ND		1000
1,4 - Dichlorobenzene	ND		1000
1,1 - dichloroethene	ND		1000
Methylene Chloride	ND		1000
Trans-1,2, - Dichloroethene	ND		1000
1,1 - dichloroethane	ND		1000
1,1,1 - Trichloroethane	ND		1000
1,2 - Dichloroethane	ND		1000
Trichloroethene	ND		1000
Tetrachloroethene	ND		1000

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QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

TEST CODE :SPNPRG1 JOB NUMBER :9100.163

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
RESULTS IN WET WEIGXT
TEST NAME : PNC PURGABLES- GC UNITS : UG/KG
SAMPLE ID LAB : EE-91-01510 MATRIX : SOLID
SAMPLE ID CLIENT: P11-SO22A

PARAMETER	RESULTS	Q	DET. LIMIT
Benzene	ND		1000
Toluene	ND		1000
Ethylbenzene	ND		1000
Total Xylenes	ND		1000
1,2 - Dichlorobenzene	ND		1000
1,3 - Dichlorobenzene	ND		1000
1,4 - Dichlorobenzene	ND		1000
1,1 - dichloroethene	ND		1000
Methylene Chloride	ND		1000
Trans-1,2, - Dichloroethene	ND		1000
1,1 - dichloroethane	ND		1000
1,1,1 - Trichloroethane	ND		1000
1,2 - Dichloroethane	ND		1000
Trichloroethene	ND		1000
Tetrachlorocthene	ND		1000

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

TEST CODE :SPNPRG1 JOB NUMBER :9100.163

Ecology and Environment, Inc.
Analytical Services Center

CLIENT UH-6000 NASP PHASE I GROUPS A-E
RESULTS IN WET WEIGHT
TEST NAME : PNC PURGABLES- GC UNITS : UG/KG
SAMPLE ID LAB : EE-91-01511 MATRIX : SOLID
SAMPLE ID CLIENT: P11-S023A

PARAMETER	RESULTS	Q	DET. LIMIT
Benzene	ND		1000
Toluene	ND		1000
Ethylbenzene	ND		1000
Total Xylenes	1600		1000
1,2 - Dichlorobenzene	ND		1000
1,3 - Dichlorobenzene	ND		1000
1,4 - Dichlorobenzene	ND		1000
1,1 - dichloroethene	ND		1000
Methylene Chloride	ND		1000
Trans-1,2, - Dichloroethene	ND		1000
1,1 - dichloroethane	ND		1000
1,1,1 - Trichloroethane	ND		1000
1,2 - Dichloroethane	ND		1000
Trichloroethene	ND		1000
Tetrachloroethene	ND		1000

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

TEST CODE :SPNPRG1 JOB NUMBER :9100.158

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
RESULTS IN VET WEIGHT
TEST NAME : PNC PURGABLES- GC UNITS : UG/KG
SAMPLE ID LAB : EE-91-01488 MATRIX : SOLID
SAMPLE ID CLIENT: P11-S024A

PARAMETER	RESULTS	Q	DET. LIMIT
Benzene	ND		1000
Toluene	ND		1000
Ethylbenzene	ND		1000
Total Xylenes	ND		1000
1,2 - Dichlorobenzene	ND		1000
1,3 - Dichlorobenzene	ND		1000
1,4 - Dichlorobenzene	ND		1000
1,1 - dichloroethene	ND		1000
Methylene Chloride	ND		1000
Trans-1,2, - Dichloroethene	ND		1000
1,1 - dichloroethane	ND		1000
1,1,1 - Trichloroethane	ND		1000
1,2 - Dichloroethane	ND		1000
Trichloroethene	ND		1000
Tetrachloroethene	ND		1000

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

TEST CODE : SPNPRG1 JOB NUMBER : 9100.158

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
RESULTS IN WET WEIGHT
TEST NAME : PNC PURGABLES- GC UNITS : UG/KG
SAMPLE ID LAB : EE-91-01487 MATRIX : SOLID
SAMPLE ID CLIENT: P11-S025A

PARAMETER	RESULTS	Q	DET. LIMIT
Benzene	ND		1000
Toluene	ND		1000
Ethylbenzene	ND		1000
Total Xylenes	ND		1000
1,2 - Dichlorobenzene	ND		1000
1,3 - Dichlorobenzene	ND		1000
1,4 - Dichlorobenzene	ND		1000
1,1 - dichloroethene	ND		1000
Methylene Chloride	ND		1000
Trans-1,2, - Dichloroethene	ND		1000
1,1 - dichloroethane	ND		1000
1,1,1 - Trichloroethane	ND		1000
1,2 - Dichloroethane	ND		1000
Trichloroethene	ND		1000
Tetrachloroethene	ND		1000

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

TEST CODE :SPNPRG1 JOB NUMBER :9100.163

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
RESULTS IN WET WEIGHT
TEST NAME : PNC PURGABLES- GC UNITS : UG/KG
SAMPLE ID LAB : EE-91-01512 MATRIX : SOLID
SAMPLE ID CLIENT: P11-S026A

PARAMETER	RESULTS	Q	DET. LIMIT
Benzene	ND		1000
Toluene	ND		1000
Ethylbenzene	ND		1000
Total Xylenes	ND		1000
1,2 - Dichlorobenzene	ND		1000
1,3 - Dichlorobenzene	ND		1000
1,4 - Dichlorobenzene	ND		1000
1,1 - dichloroethene	ND		1000
Methylene Chloride	ND		1000
Trans-1,2, - Dichloroethene	ND		1000
1,1 - dichloroethane	ND		1000
1,1,1 - Trichloroethane	ND		1000
1,2 - Dichloroethane	ND		1000
Trichloroethene	ND		1000
Tetrachloroethene	ND		1000

QUALIFIERS: C = COHHENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

TEST CODE :SPNPRG1 JOB NUMBER :9100.170

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
RESULTS IN WET WEIGHT
TEST NAME : PNC PURGABLES- GC UNITS : UG/KG
SAMPLE ID LAB : EE-91-01554 MATRIX : SOLID
SAMPLE ID CLIENT: P11-S027A

PARAMETER	RESULTS	Q	DET. LIMIT
Benzene	ND		1000
Toluene	1200		1000
Ethylbenzene	ND		1000
Total Xylenes	ND		1000
1,2 - Dichlorobenzene	ND		1000
1,3 - Dichlorobenzene	ND		1000
1,4 - Dichlorobenzene	ND		1000
1,1 - dichloroethene	ND		1000
Methylene Chloride	ND		1000
Trans-1,2, - Dichloroethene	ND		1000
1,1 - dichloroethane	ND		1000
1,1,1 - Trichloroethane	ND		1000
1,2 - Dichloroethane	ND		1000
Trichloroethene	ND		1000
Tetrachloroethene	ND		1000

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

TEST CODE :SPNPRG1 JOB NUMBER :9100.170

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
RESULTS IN VET VEIGHT
TEST NAME : PNC PURGABLES- GC UNITS : UG/KG
SAMPLE ID LAB : EE-91-01555 MATRIX : SOLID
SAMPLE ID CLIENT: P11-S028A

PARAMETER	RESULTS	Q	DET. LIMIT
Benzene	ND		1000
Toluene	ND		1000
Ethylbenzene	ND		1000
Total Xylenes	ND		1000
1,2 - Dichlorobenzene	ND		1000
1,3 - Dichlorobenzene	ND		1000
1,4 - Dichlorobenzene	ND		1000
1,1 - dichloroethene	ND		1000
Methylene Chloride	ND		1000
Trans-1,2, - Dichloroethene	ND		1000
1,1 - dichloroethane	ND		1000
1,1,1 - Trichloroethane	ND		1000
1,2 - Dichloroethane	ND		1000
Trichloroethene	ND		1000
Tetrachloroethene	ND		1000

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOV STATED DETECTION LIMIT

TEST CODE : SPNPRG1 JOB NUMBER : 9100.163

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
RESULTS IN WET WEIGHT
TEST NAME : PNC PURGABLES- GC UNITS : UG/KG
SAMPLE ID LAB : EE-91-01513 MATRIX : SOLID
SAMPLE ID CLIENT: P11-S029A

PARAMETER	RESULTS	Q	DET. LIMIT
Benzene	ND		1000
Toluene	ND		1000
Ethylbenzene	ND		1000
Total Xylenes	ND		1000
1,2 - Dichlorobenzene	ND		1000
1,3 - Dichlorobenzene	ND		1000
1,4 - Dichlorobenzene	ND		1000
1,1 - dichloroethene	ND		1000
Methylene Chloride	ND		1000
Trans-1,2, - Dichloroethene	ND		1000
1,1 - dichloroethane	ND		1000
1,1,1 - Trichloroethane	ND		1000
1,2 - Dichloroethane	ND		1000
Trichloroethene	ND		1000
Tetrachloroethene	ND		1000

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

TEST CODE :SPNPRG1 JOB NUMBER :9100.170

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
RESULTS IN WET WEIGHT
TEST NAME : PNC PURGABLES- GC UNITS : UG/KG
SAMPLE ID LAB : EE-91-01556 UATRIX : SOLID
SAMPLE ID CLIENT: P11-S030A

PARAMETER	RESULTS	Q	DET. LIMIT
Benzene	ND		1000
Toluene	1200		1000
Ethylbenzene	ND		1000
Total Xylenes	ND		1000
1,2 - Dichlorobenzene	ND		1000
1,3 - Dichlorobenzene	ND		1000
1,4 - Dichlorobenzene	ND		1000
1,1 - dichloroethene	ND		1000
Methylene Chloride	ND		1000
Trans-1,2, - Dichloroethene	ND		1000
1,1 - dichloroethane	ND		1000
1,1,1 - Trichloroethane	ND		1000
1,2 - Dichloroethane	ND		1000
Trichloroethene	ND		1000
Tetrachloroethene	ND		1000

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

TEST CODE :SPNPRG1 JOB NUMBER :9100.123

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
RESULTS IN WET WEIGHT
TEST NAME : PNC PURGABLES- GC UNITS : UG/KG
SAMPLE ID LAB : METHOD BLANK MATRIX : SOLID

PARAMETER	RESULTS	Q	DET. LIMIT
Benzene	ND		1000
Toluene	ND		1000
Ethylbenzene	ND		1000
Total Xylenes	ND		1000
1,2 - Dichlorobenzene	ND		1000
1,3 - Dichlorobenzene	ND		1000
1,4 - Dichlorobenzene	ND		1000
1,1 - dichloroethene	ND		1000
Methylene Chloride	ND		1000
Trans-1,2, - Dichloroethene	ND		1000
1,1 - dichloroethane	ND		1000
1,1,1 - Trichloroethane	ND		1000
1,2 - Dichloroethane	ND		1000
Trichloroethene	ND		1000
Tetrachloroethene	ND		1000

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

TEST CODE :SPNPRG1 JOB NUMBER :9100.145

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
RESULTS IN WET WEIGHT
TEST NAME : PNC PURGABLES- GC UNITS : UG/KG
SAMPLE ID LAB : METHOD BLANK 1 MATRIX : SOLID

PARAMETER	RESULTS	Q	DET. LIMIT
Benzene	ND		1000
Toluene	ND		1000
Ethylbenzene	ND		1000
Total Xylenes	ND		1000
1,2 - Dichlorobenzene	ND		1000
1,3 - Dichlorobenzene	ND		1000
1,4 - Dichlorobenzene	ND		1000
1,1 - dichloroethene	ND		1000
Methylene Chloride	1100		1000
Trans-1,2, - Dichloroethene	ND		1000
1,1 - dichloroethane	ND		1000
1,1,1 - Trichloroethane	ND		1000
1,2 - Dichloroethane	ND		1000
Trichloroethene	ND		1000
Tetrachloroethene	ND		1000

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

TEST CODE : SPNPRG1 JOB NUMBER : 9100.145

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
RESULTS IN WET WEIGHT
TEST NAME : PNC PURGABLES- GC UNITS : UG/KG
SAMPLE ID LAB : METHOD BLANK 2 MATRIX : SOLID

PARAMETER	RESULTS	Q	DET. LIMIT
Benzene	Nu		1000
Toluene	ND		1000
Ethylbenzene	ND		1000
Total Xylenes	ND		1000
1,2 - Dichlorobenzene	ND		1000
1,3 - Dichlorobenzene	ND		1000
1,4 - Dichlorobenzene	ND		1000
1,1 - dichloroethcne	ND		1000
Methylene Chloride	ND		1000
Trans-1,2, - Dichloroethene	ND		1000
1,1 - dichloroethane	ND		1000
1,1,1 - Trichloroethane	ND		1000
1,2 - Dichloroethane	ND		1000
Trichloroethene	ND		1000
Tetrachloroethene	ND		1000

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIHIT

TEST CODE :SPNPRG1 JOB NUMBER :9100.145

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
RESULTS IN WET WEIGHT
TEST NAME : PNC PURGABLES- GC UNITS : UG/KG
SAMPLE ID LAB : METHOD BLANK 3 MATRIX : SOLID

PARAHETER	RESULTS	Q	DET. LIMIT
Benzene	ND		1000
Toluene	ND		1000
Ethylbenzene	ND		1000
Total Xylenes	ND		1000
1,2 - Dichlorobenzene	ND		1000
1,3 - Dichlorobenzene	ND		1000
1,4 - Dichlorobenzene	ND		1000
1,1 - dichloroethene	ND		1000
Methylene Chloride	ND		1000
Trans-1,2, - Dichloroethene	ND		1000
1,1 - dichloroethane	ND		1000
1,1,1 - Trichloroethane	ND		1000
1,2 - Dichloroethane	ND		1000
Trichloroethene	ND		1000
Tetrachloroethene	ND		1000

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

TEST CODE :SPNPRG1 JOB NUMBER :9100.158

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
RESULTS IN WET WEIGHT
TEST NAME : PNC PURGABLES- GC UNITS : UG/KG
SAMPLE ID LAB : METHOD BLANK MATRIX : SOLID

PARAMETER	RESULTS	Q	DET. LIMIT
Benzene	ND		1000
Toluene	ND		1000
Ethylbenzene	ND		1000
Total Xylenes	ND		1000
1,2 - Dichlorobenzene	ND		1000
1,3 - Dichlorobenzene	ND		1000
1,4 - Dichlorobenzene	ND		1000
1,1 - dichloroethene	ND		1000
Methylene Chloride	1400		1000
Trans-1,2, - Dichloroethene	ND		1000
1,1 - dichloroethane	ND		1000
1,1,1 - Trichloroethane	ND		1000
1,2 - Dichloroethane	ND		1000
Trichloroethene	ND		1000
Tetrachloroethene	ND		1000

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QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

TEST CODE :SPNPRG1 JOB NUMBER :9100.163

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
RESULTS IN WET WEIGHT
TEST NAME : PNC PURGABLES- GC UNITS : UG/KG
SAMPLE ID LAB : METHOD BLANK MATRIX : SOLID

PARAMETER	RESULTS	Q	DET. LIMIT
Benzene	ND		1000
Toluene	ND		1000
Ethylbenzene	ND		1000
Total Xylenes	ND		1000
1,2 - Dichlorobenzene	ND		1000
1,3 - Dichlorobenzene	ND		1000
1,4 - Dichlorobenzene	ND		1000
1,1 - dichloroethene	ND		1000
Methylene Chloride	ND		1000
Trans-1,2, - Dichloroethene	ND		1000
1,1 - dichloroethane	ND		1000
1,1,1 - Trichloroethane	ND		1000
1,2 - Dichloroethane	ND		1000
Trichloroethene	ND		1000
Tetrachloroethene	ND		1000

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIHIT

TEST CODE :SPNPRG1 JOB NUMBER :9100.170

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
RESULTS IN WET WEIGHT
TEST NAME : PNC PURGABLES- GC UNITS : UG/KG
SAMPLE ID LAB : METHOD BLANK MATRIX : SOLID

PARAMETER	RESULTS	Q	DET. LIMIT
Benzene	ND		1000
Toluene	ND		1000
Ethylbenzene	ND		1000
Total Xylenes	ND		1000
1,2 - Dichlorobenzene	ND		1000
1,3 - Dichlorobenzene	ND		1000
1,4 - Dichlorobenzene	ND		1000
1,1 - dichloroethene	ND		1000
Methylene Chloride	ND		1000
Trans-1,2, - Dichloroethene	ND		1000
1,1 - dichloroethane	ND		1000
1,1,1 - Trichloroethane	ND		1000
1,2 - Dichloroethane	ND		1000
Trichloroethene	ND		1000
Tetrachloroethene	ND		1000

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

TEST CODE :SPNPAH1 JOB NUMBER :9100.145

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
RESULTS IN WET WEIGHT
TEST NAME : PNC PAH - LC UNITS : UG/KG
SAMPLE ID LAB : EE-91-01386 MATRIX : SOLID
SAMPLE ID CLIENT: P11-S001A

PARAMETER	RESULTS	Q	DET. LIMIT
Total as Benzo-a-pyrene	ND		1000

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE' B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

TEST CODE :SPNPAH1 JOB NUMBER :9100.145

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
RESULTS IN WET WEIGHT
TEST NAME : PNC PAH - LC UNITS : UG/KG
SAMPLE ID LAB : EE-91-01387 MATRIX : SOLID
SAMPLE ID CLIENT: P11-S001B

PARAMETER	RESULTS	Q	DET. LIMIT
Total as Benzo-a-pyrene	ND		1000

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

TEST CODE : SPNPAH1 JOB NUMBER : 9100.145

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
RESULTS IN WET WEIGHT
TEST NAME : PNC PAH - LC UNITS : UG/KG
SAMPLE ID LAB : EE-91-01388 MATRIX : SOLID
SAMPLE ID CLIENT: P11-S002A

PARAMETER	RESULTS	Q	DET. LIMIT
Total as Benzo-a-pyrene	ND		1000

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BEMV STATED DETECTION LIMIT

TEST CODE : SPNPAH1 JOB NUMBER : 9100.145

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
RESULTS IN WET WEIGBT
TEST NAME : PNC PAH - LC UNITS : UG/KG
SAMPLE ID LAB : EE-91-01389 MATRIX : SOLID
SAMPLE ID CLIENT: P11-S002B

PARAMETER	RESULTS	Q	DET. LIMIT
Total as Benzo-a-pyrene	ND		1000

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

TEST CODE :SPNPAH1 JOB NUMBER :9100.145

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
RESULTS IN WET WEIGHT
TEST NAME : PNC PAH - LC UNITS : UG/KG
SAMPLE ID LAB : EE-91-01390 MATRIX : SOLID
SAMPLE ID CLIENT: P11-S003A

PARAMETER	RESULTS	Q	DET. LIMIT
Total as Benzo-a-pyrene	ND		1000

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIHIT

TEST CODE : SPNPAH1 JOB NUMBER : 9100.145

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
RESULTS IN WET WEIGHT
TEST NAME : PNC PAH - LC UNITS : UG/KG
SAMPLE ID LAB : EE-91-01391 MATRIX : SOLID
SAMPLE ID CLIENT: P11-S0038

PARAMETER	RESULTS	Q	DET. LIMIT
Total as Benzo-a-pyrene	ND		1000

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

TEST CODE :SPNPAH1 JOB NUMBER :9100.145

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
RESULTS IN VET WEIGHT
TEST NAME : PNC PAH - LC UNITS : UG/KG
SAMPLE ID LAB : EE-91-01392 MATRIX : SOLID
SAMPLE ID CLIENT: P11-S004A

PARAMETER	RESULTS	Q	DET. LIHIT
Total as Benzo-a-pyrene	16000		1000

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

TEST CODE :SPNPAH1 JOB NUMBER :9100.145

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
RESULTS IN WET WEIGHT
TEST NAME : PNC PAH - LC UNITS : UG/KG
SAMPLE ID LAB : EE-91-01393 MATRIX : SOLID
SAMPLE ID CLIENT: P11-S004B

PARAMETER	RESULTS	Q	DET. LIMIT
Total as Benzo-a-pyrene	8900		1000

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

TEST CODE : SPNPAH1 JOB NUMBER : 9100.145

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PEASE I GROUPS A-E
RESULTS IN WET WEIGHT
TEST NAME : PNC PAR - LC UNITS : UG/KG
SAMPLE ID LAB : EE-91-01394 MATRIX : SOLID
SAMPLE ID CLIENT: P11-S005A

PARAMETER	RESULTS	Q	DET. LIMIT
Total as Benzo-a-pyrene	ND		1000

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

TEST CODE : SPNPAH1 JOB NUMBER : 9100.145

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
RESULTS IN WET WEIGHT
TEST NAME : PNC PAH - LC UNITS : UG/KG
SAMPLE ID LAB : EE-91-01395 MATRIX : SOLID
SAMPLE ID CLIENT: P11-S005B

PARAMETER	RESULTS	Q	DET. LIMIT
Total as Benzo-a-pyrene	2200		1000

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

TEST CODE :SPNPAH1 JOB NUMBER :9100.123

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PEASE I GROUPS A-E
RESULTS IN WET WEIGHT
TEST NAME : PNC PAE - LC UNITS : UG/KG
SAMPLE ID LAB : EE-91-01151 MATRIX : SOLID
SAMPLE ID CLIENT: P11-S006A

PARAMETER	RESULTS	Q	DET. LIMIT
Total as Benzo-a-pyrene	ND		1000

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOV STATED DETECTION LIMIT

TEST CODE :SPNPAH1 JOB NUMBER :9100.123

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
RESULTS IN WET WEIGHT
TEST NAME : PNC PAH - LC UNITS : UG/KG
SAMPLE ID LAB : EE-91-01152 MATRIX : SOLID
SAMPLE ID CLIENT: P11-S007A

PARAMETER	RESULTS	Q	DET. LIMIT
Total as Benzo-a-pyrene	ND		1000

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIHIT

TEST CODE : SPNPAH1 JOB NUMBER : 9100.123

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-B
RESULTS IN WET WEIGHT
TEST NAME : PNC PAH - LC UNITS : UG/KG
SAMPLE ID LAB : EE-91-01153 MATRIX : SOLID
SAMPLE ID CLIENT: P11-S008A

PARAMETER	RESULTS	Q	DET. LIMIT
Total as Benzo-a-pyrene	ND		1000

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

TEST CODE : SPNPAH1 JOB NUMBER : 9100.145

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
RESULTS IN WET WEIGHT
TEST NAME : PNC PAH - LC UNITS : UG/KG
SAMPLE ID LAB : EE-91-01396 MATRIX : SOLID
SAMPLE ID CLIENT: P11-S009A

PARAMETER	RESULTS	Q	DET. LIMIT
Total as Benzo-a-pyrene	ND		1000

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

TEST CODE :SPNPAH1 JOB NUMBER :9100.123

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
RESULTS IN WET WEIGHT
TEST NAME : PNC PAH - LC UNITS : UG/KG
SAHPLE ID LAB : EE-91-01154 MATRIX : SOLID
SAMPLE ID CLIENT: P11-S010A

PARAMETER	RESULTS	Q	DET. LIMIT
Total as Benzo-a-pyrene	2000		1000

QUALIFIERS: C = COMMENT NO = NOT DETECTED
J = ESTIHATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIHIT

TEST CODE :SPNPAH1 JOB NUMBER :9100.158

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
RESULTS IN WET WEIGHT
TEST NAME : PNC PAH - LC UNITS : UG/KG
SAMPLE ID LAB : EE-91-01490 MATRIX : SOLID
SAMPLE ID CLIENT: P11-S011A

PARAMETER	RESULTS	Q	DET. LIMIT
Total as Benzo-a-pyrene	2200		1000

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

TEST CODE : SPNPAH1 JOB NUMBER : 9100.158

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PEASE I GROUPS A-E
RESULTS IN VET WEIGHT
TEST NAME : PNC PAH - LC UNITS : UG/KG
SAMPLE ID LAB : EE-91-01485 MATRIX : SOLID
SAMPLE ID CLIENT: P11-S012A

PARAMETER	RESULTS	Q	DET. LIMIT
Total as Benzo-a-pyrene	ND		1000

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

TEST CODE :SPNPAH1 JOB NUMBER :9100.158

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
RESULTS IN WET WEIGHT
TEST NAME : PNC PAE - LC UNITS : UG/KG
SAMPLE ID LAB : EE-91-01486 MATRIX : SOLID
SAMPLE ID CLIENT: P11-S012B

PARAMETER	RESULTS	Q	DET. LIMIT
Total as Benzo-a-pyrene	4300		1000

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

TEST CODE :SPNPAH1 JOB NUMBER :9100.145

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PEASE I GROUPS A-E
RESULTS IN WET WEIGHT
TEST NAME : PNC PAH - LC UNITS : UG/KG
SAMPLE ID LAB : EE-91-01397 MATRIX : SOLID
SAMPLE ID CLIENT: P11-S013A

PARAMETER	RESULTS	Q	DET. LIMIT
Total as Benzo-a-pyrene	ND		1000

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

TEST CODE :SPNPAH1 JOB NUMBER :9100.145

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
RESULTS IN WET WEIGHT
TEST NAME : PNC PAH - LC UNITS : UG/KG
SAMPLE ID LAB : EE-91-01398 MATRIX : SOLID
SAMPLE ID CLIENT: P11-S013A DUP

PARAMETER	RESULTS	Q	DET. LIMIT
Total as Benzo-a-pyrene	ND		1000

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QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

TEST CODE :SPNPAH1 JOB NUMBER :9100.145

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
RESULTS IN WET WEIGHT
TEST NAME : PNC PAE - LC UNITS : UG/KG
SAMPLE ID LAB : EE-91-01399 MATRIX : SOLID
SAMPLE ID CLIENT: P11-S013B

PARAMETER	RESULTS	Q	DET. LIMIT
Total as Benzo-a-pyrene	27000		1000

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

TEST CODE :SPNPAH1 JOB NUMBER :9100.123

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
RESULTS IN WET WEIGHT
TEST NAME : PNC PAH - LC UNITS : UG/KG
SAMPLE ID LAB : EE-91-01155 HATRIX : SOLID
SAMPLE ID CLIENT: P11-S014A

PARAMETER	RESULTS	Q	DET. LIMIT
Total as Benzo-a-pyrene	2400		1000

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

TEST CODE :SPNPAH1 JOB NUMBER :9100.163

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PEASE I GROUPS A-E
RESULTS IN **WET WEIGHT**
TEST NAHE : PNC PAH - LC UNITS : UG/KG
SAMPLE ID LAB : EE-91-01507 MATRIX : SOLID
SAMPLE ID CLIENT: P11-S015A

PARAMETER	RESULTS	Q	DET. LIMIT
Total as Benzo-a-pyrene	3500		1000

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN **BLANK**
L = PRESENT BELOW STATED DETECTION LIMIT

TEST CODE : SPNPAH1 JOB NUMBER : 9100.163

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
RESULTS IN VET WEIGHT
TEST NAME : PNC PAH - LC UNITS : UG/KG
SAMPLE ID LAB : EE-91-01508 MATRIX : SOLID
SAMPLE ID CLIENT: P11-S015B

PARAMETER	RESULTS	Q	DET. LIMIT
Total as Benzo-a-pyrene	43000		1000

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

TEST CODE :SPNPAH1 JOB NUMBER :9100.158

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PEASE I GROUPS A-E
RESULTS IN WET WEIGHT
TEST NAME : PNC PAE - LC UNITS : UG/KG
SAMPLE ID LAB : EE-91-01489 MATRIX : SOLID
SAMPLE ID CLIENT: P11-S016A

PARAMETER	RESULTS	Q	DET. LIMIT
Total as Benzo-a-pyrene	1000		1000

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

TEST CODE :SPNPAH1 JOB NUMBER :9100.123

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
RESULTS IN WET WEIGHT
TEST NAME : PNC PAH - LC UNITS : UG/KG
SAMPLE ID LAB : EE-91-01156 MATRIX : SOLID
SAMPLE ID CLIENT: P11-S017A

PARAMETER	RESULTS	Q	DET. LIMIT
Total as Benzo-a-pyrene	1300		1000

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIHIT

TEST CODE :SPNPAH1 JOB NUMBER :9100.123

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PEASE I GROUPS A-E
RESULTS IN WET WEIGHT
TEST NAME : PNC PAE - LC UNITS : UG/KG
SAMPLE ID LAB : EE-91-01157 MATRIX : SOLID
SAMPLE ID CLIENT: P11-S018A

PARAMETER	RESULTS	Q	DET. LIMIT
Total as Benzo-a-pyrene	1400		1000

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

TEST CODE : SPNPAH1 JOB NUMBER : 9100.170

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
RESULTS IN WET WEIGHT
TEST NAME : PNC PAH - LC UNITS : UG/KG
SAMPLE ID JAB : EE-91-01551 MATRIX : SOLID
SAMPLE ID CLIENT: P11-S019A

PARAMETER	RESULTS	Q	DET. LIMIT
Total as Benzo-a-pyrene	3000		1000

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

TEST CODE :SPNPAH1 JOB NUMBER :9100.170

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
RESULTS IN WET WEIGHT
TEST NAME : PNC PAH - LC UNITS : UG/KG
SAMPLE ID LAB : EE-91-01552 MATRIX : SOLID
SAMPLE ID CLIENT: P11-S019ADUP

PARAMETER	RESULTS	Q	DET. LIMIT
Total as Benzo-a-pyrene	4400		1000

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

TEST CODE :SPNPAH1 JOB NUMBER :9100.170

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
RESULTS IN WET WEIGHT
TEST NAHE : PNC PAH - LC UNITS : UG/KG
SAHPLE ID LAB : EE-91-01553 MATRIX : SOLID
SAMPLE ID CLIENT: P11-S020A

PARAMETER	RESULTS	Q	DET. LIMIT
Total as Benzo-a-pyrene	1300		1000

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

TEST CODE :SPNPAH1 JOB NUMBER :9100.163

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PEASE I GROUPS A-E
RESULTS IN WET WEIGHT
TEST NAME : PNC PAH - LC UNITS : UG/KG
SAHPLE ID LAB : EE-91-01509 MATRIX : SOLID
SAMPLE ID CLIENT: P11-S021A

PARAMETER	RESULTS	Q	DET. LIMIT
Total as Benzo-a-pyrene	39000		1000

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIHIT

TEST CODE :SPNPAH1 JOB NUMBER :9100.163

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
RESULTS IN WET WEIGHT
TEST NAME : PNC PAH - LC UNITS : UG/KG
SAMPLE ID LAB : EE-91-01510 MATRIX : SOLID
SAMPLE ID CLIENT: P11-SO22A

PARAMETER	RESULTS	Q	DET. LIMIT
Total as Benzo-a-pyrene	12000		1000

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QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

TEST CODE :SPNPAH1 JOB NUMBER :9100.163

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
RESULTS IN WET WEIGHT
TEST NAME : PNC PAH - LC UNITS : UG/KG
SAHPLE ID LAB : EE-91-01511 MATRIX : SOLID
SAMPLE ID CLIENT: P11-S023A

PARAMETER	RESULTS	Q	DET. LIMIT
Total as Benzo-a-pyrene	3200		1000

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

TEST CODE :SPNPAH1 JOB NUMBER :9100.158

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
RESULTS IN WET WEIGHT
TEST NAME : PNC PAH - LC UNITS : UG/KG
SAMPLE ID LAB : EE-91-01488 MATRIX : SOLID
SAMPLE ID CLIENT: P11-S024A

PARAMETER	RESULTS	Q	DET. LIMIT
Total as Benzo-a-pyrene	8800	-	1000

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

TEST CODE :SPNPAH1 JOB NUMBER :9100.158

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PEASE I GROUPS A-E
RESULTS IN WET WEIGHT
TEST NAME : PNC PAH - LC UNITS : UG/KG
SAMPLE ID LAB : E€-91-01487 MATRIX : SOLID
SAMPLE ID CLIENT: P11-S025A

PARAMETER	RESULTS	Q	DET. LIMIT
Total as Benzo-a-pyrene	4700		1000

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

TEST CODE :SPNPAH1 JOB NUMBER :9100.163

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
RESULTS IN WET VEIGHT
TEST NAME : PNC PAH - LC UNITS : UG/KG
SAMPLE ID LAB : EE-91-01512 MATRIX : SOLID
SAMPLE ID CLIENT: P11-S026A

PARAMETER	RESULTS	Q	DET. LIMIT
Total as Benzo-a-pyrene	280000		1000

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

TEST CODE :SPNPAH1 JOB NUMBER :9100.170

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
RESULTS IN WET WEIGHT
TEST NAME : PNC PAH - LC UNITS : UG/KG
SAMPLE ID LAB : EE-91-01554 MATRIX : SOLID
SAMPLE ID CLIENT: P11-S027A

PARAMETER	RESULTS	Q	DET. LIMIT
Total as Benzo-a-pyrene	1500		1000

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

TEST CODE :SPNPAH1 JOB NUHBER :9100.170

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
RESULTS IN WET WEIGHT
TEST NAME : PNC PAE - LC UNITS : UG/KG
SAMPLE ID LAB : EE-91-01555 MATRIX : SOLID
SAMPLE ID CLIENT: P11-SO28A

PARAMETER	RESULTS	Q	DET. LIMIT
Total as Benzo-a-pyrene	9600	-	1000

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

TEST CODE :SPNPAH1 JOB NUMBER :9100.163

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
RESULTS IN WET WEIGHT
TEST NAME : PNC PAH - LC UNITS : UG/KG
SAMPLE ID LAB : EE-91-01513 MATRIX : SOLID
SAMPLE ID CLIENT: P11-S029A

PARAMETER	RESULTS	Q	DET. LIMIT
Total as Benzo-a-pyrene	1200		1000

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIHIT

TEST CODE : SPNPAH1 JOB NUMBER : 9100.170

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
RESULTS IN WET WEIGHT
TEST NAME : PNC PAH - LC UNITS : UG/KG
SAMPLE ID LAB : EE-91-01556 MATRIX : SOLID
SAMPLE ID CLIENT: P11-S030A

PARAMETER	RESULTS	Q	DET. LIMIT
Total as Benzo-a-pyrene	1400		1000

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

QUALITY CONTROL FOR ACCURACY: PERCENT RECOVERY
FOR SPIKED SOIL SAMPLES

9100.145

(ug)

Parameter	E Q E Laboratory No. 91-	Original Value	Amount Added	Amount Determined	Percent Recovery
Benzo(A)pyrene	1386.03	ND	50	36	72

QUALITY CONTROL FOR ACCURACY: PERCENT RECOVERY FOR SPIKED SOIL SAMPLES

9100.158

(ug)

Parameter	E & E Laboratory No. 91-	Original Value	Amount Added	Amount Determined	Percent Recovery
Benzo(A)pyrene	1486.03	ND	50	*45*	*90%*

QUALITY CONTROL FOR ACCURACY: PERCENT RECOVERY
FOR SPIKED SOIL SAMPLES

9100.163

(ug)

Parameter	E & E Laboratory No. 91-	Original Value	Amount Added	Amount Determined	Percent Recovery
Benzo(A)pyrene	BATCH QC	ND	50	36	72

TEST CODE :SPNPAH1 JOB NUMBER :9100.163

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
RESULTS IN WET WEIGHT
TEST NAME : PNC PAH - LC UNITS : UG/KG
SAMPLE ID LAB : METHOD BLANK MATRIX : SOLID

PARAMETER	RESULTS	Q	DET. LIMIT
Total as Benzo-a-pyrene	ND		1000

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

TEST CODE :SPNPAH1 JOB NUMBER :9100.170

Ecology and Environment, Inc.
Analytical Services Center

CLIENT. : UH-6000 NASP PHASE I GROUPS A-E
RESULTS IN WET WEIGHT
TEST NAME : PNC PAA - LC UNITS : UG/KG
SAMPLE ID LAB : HETHOD BLANK MATRIX : SOLID

PARAMETER	RESULTS	Q	DET. LIMIT
Total as Benzo-a-pyrene	ND		1000

QUALIFIERS: C = COHHENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIHIT

TEST CODE :SPNPHL1 JOB NUMBER :9100.145

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
RESULTS IN WET WEIGHT
TEST NAME : PNC PHENOL - LC UNITS : UG/KG
SAMPLE ID LAB : EE-91-01386 MATRIX : SOLID
SAMPLE ID CLIENT: P11-S001A

PARAMETER	RESULTS	Q	DET. LIMIT
Total as Trichlorophenol	ND		2000

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

TEST CODE :SPNPHL1 JOB NUMBER :9100.145

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PEASB I GROUPS A-E
RESULTS IN WET WEIGHT
TEST NAME : PNC PHENOL - LC UNITS : UG/KG
SAMPLE ID LAB : EE-91-01387 MATRIX : SOLID
SAMPLE ID CLIENT: P11-S001B

PARAMETER	RESULTS	Q	DET. LIMIT
Total as Trichlorophenol	ND		2000

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

TEST CODE : SPNPHL1 JOB NUMBER : 9100.145

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UA-6000 NASP PHASE I GROUPS A-E
RESULTS IN WET VEIGHT
TEST NAME : PNC PHENOL - LC UNITS : UG/KG
SAMPLE ID LAB : EE-91-01388 MATRIX : SOLID
SAMPLE ID CLIENT: P11-S002A

PARAMETER	RESULTS	Q	DET. LIMIT
Total as Trichlorophenol	ND		2000

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

TEST CODE :SPNPHL1 JOB NUMBER :9100.145

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
RESULTS IN WET WEIGHT
TEST NAME : PNC PHENOL - LC UNITS : UG/KG
SAMPLE ID LAB : EE-91-01389 MATRIX : SOLID
SAMPLE ID CLIENT: P11-S002B

PARAMETER	RESULTS	Q	DET. LIMIT
Total as Trichlorophenol	ND		2000

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

TEST CODE : SPNPHL1 JOB NUMBER : 9100.145

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
RESULTS IN WET WEIGHT
TEST NAME : PNC PHENOL - LC UNITS : UG/KG
SAMPLE ID LAB : EE-91-01390 MATRIX : SOLID
SAMPLE ID CLIENT: P11-S003A

PARAMETER	RESULTS	Q	DET. LIMIT
Total as Trichlorophenol	ND		2000

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

TEST CODE :SPNPHL1 JOB NUMBER :9100.145

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
RESULTS IN WET WEIGHT
TEST NAME : PNC PHENOL - LC UNITS : UG/KG
SAMPLE ID LAB : EE-91-01391 MATRIX : SOLID
SAMPLE ID CLIENT: P11-S003B

PARAMETER	RESULTS	Q	DET. LIMIT
Total as Trichlorophenol	ND		2000

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

TEST CODE :SPNPHL1 JOB NUNBER :9100.145

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
RESULTS IN WET WEIGHT
TEST NAME : PNC PHENOL - LC UNITS : UG/KG
SAMPLE ID LAB : EE-91-01392 MATRIX : SOLID
SAMPLE ID CLIENT: P11-S004A

PARAMETER	RESULTS	Q	DET. LIMIT
Total as Trichlorophenol	150000		2000

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

TEST CODE :SPNPHL1 JOB NUMBER :9100.145

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PEASE I GROUPS A-E
RESULTS IN WET WEIGHT
TEST NAME : PNC PHENOL - LC UNITS : UG/KG
SAMPLE ID LAB : EE-91-01393 MATRIX : SOLID
SAMPLE ID CLIENT: P11-S0048

PARAMETER	RESULTS	Q	DET. LIMIT
Total as Trichlorophenol	6500		2000

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

TEST CODE :SPNPHL1 JOB NUMBER :9100.145

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
RESULTS IN WET WEIGHT
TEST NAME : PNC PHENOL - LC UNITS : UG/KG
SAMPLE ID LAB : EE-91-01394 MATRIX : SOLID
SAMPLE ID CLIENT: P11-S005A

PARAMETER	RESULTS	Q	DET. LIMIT
Total as Trfchlorophenol	ND		2000

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

TEST CODE :SPNPHL1 JOB NUMBER :9100.145

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PEASE I GROUPS A-E
RESULTS IN WET WEIGHT

TEST NAME : PNC PHENOL - LC UNITS : UG/KG
SAMPLE ID LAB : EE-91-01395 MATRIX : SOLID
SAMPLE ID CLIENT: P11-S005B

PARAMETER	RESULTS	Q	DET. LIMIT
Total as Trichlorophenol	7300		2000

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QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOV STATED DETECTION LIMIT

TEST CODE : SPNPHL1 JOB NUMBER : 9100.123

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UB-6000 NASP PHASE I GROUPS A-E
RESULTS IN WET WEIGHT
TEST NAME : PNC PHENOL - LC UNITS : UG/KG
SAMPLE ID LAB : EE-91-01151 MATRIX : SOLID
SAMPLE ID CLIENT: P11-S006A

PARAMETER	RESULTS	Q	DET. LIMIT
Total as Trichlorophenol	4700		2000

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

TEST CODE :SPNPHL1 JOB NUMBER :9100.123

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
RESULTS IN WET WEIGHT
TEST NAME : PNC PHENOL - LC UNITS : UG/KG
SAHPLE ID LAB : EE-91-01152 MATRIX : SOLID
SAHPLE ID CLIENT: P11-S007A

PARAMETER	RESULTS	Q	DET. LIMIT
Total as Trichlorophenol	PRESENT	L	2000

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

TEST CODE :SPNPHL1 JOB NUMBER :9100.123

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
RESULTS IN WET WEIGHT
TEST NAME : PNC PHENOL - LC UNITS : UG/KG
SAMPLE ID LAB : EE-91-01153 MATRIX : SOLID
SAMPLE ID CLIENT: P11-S008A

PARAMETER	RESULTS	Q	DET. LIMIT
Total as Trichlorophenol	ND		2000

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

TEST CODE :SPNPHL1 JOB NUMBER :9100.145

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
RESULTS IN WET WEIGHT
TEST NAME : PNC PEENOL - LC UNITS : UG/KG
SAMPLE ID LAB : EE-91-01396 MATRIX : SOLID
SAMPLE ID CLIENT: P11-S009A

PARAMETER	RESULTS	Q	DET. LIMIT
Total as Trichlorophenol	ND		2000

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OUALIPIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

TEST CODE :SPNPHL1 JOB NUMBER :9100.123

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
RESULTS IN WET WEIGHT
TEST NAME : PNC PHENOL - LC UNITS : UG/KG
SAMPLE ID LAB : EE-91-01154 MATRIX : SOLID
SAMPLE ID CLIENT: P11-S010A

PARAMETER	RESULTS	Q	DET. LIMIT
Total as Trichlorophenol	PRESENT	L	2000

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

TEST CODE :SPNPHL1 JOB NUMBER :9100.158

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PEASE I GROUPS A-E
RESULTS IN WET WEIGHT
TEST NAHE : PNC PHENOL - LC UNITS : UG/KG
SAHPLE ID LAB : EE-91-01490 MATRIX : SOLID
SAHPLE ID CLIENT: P11-SO11A

PARAMETER	RESULTS	Q	DET. LIMIT
Total as Trichlorophenol	10000		2000

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOV STATED DETECTION LIHIT

TEST CODE :SPNPHL1 JOB NUXBER :9100.158

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
RESULTS IN WET WEIGHT
TEST NAME : PNC PHENOL - LC UNITS : UG/KG
SAMPLE ID LAB : EE-91-01485 MATRIX : SOLID
SAMPLE ID CLIENT: P11-S012A

PARAMETER	RESULTS	Q	DET. LIMIT
Total as Trichlorophenol	ND		2000

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

TEST CODE : SPNPHL1 JOB NUMBER : 9100.158

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
RESULTS IN WET WEIGHT
TEST NAME : PNC PEENOL - LC UNITS : UG/KG
SAMPLE ID LAB : EE-91-01486 MATRIX : SOLID
SAMPLE ID CLIENT: P11-S012B

PARAMETER	RESULTS	Q	DET. LIMIT
Total as Trichlorophenol	13000		2000

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

TEST CODE : SPNPHL1 JOB NUMBER : 9100.145

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
RESULTS IN VET WEIGHT
TEST NAME : PNC PHENOL - LC UNITS : UG/KG
SAMPLE ID LAB : EE-91-01397 MATRIX : SOLID
SAMPLE ID CLIENT: P11-S013A

PARAMETER	RESULTS	Q	DET. LIMIT
Total as Trichlorophenol	ND		2000

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

TEST CODE : SPNPBL1 **JOB NUMBER** : 9100.145

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : **UH-6000** NASP PEASE **I GROUPS** A-E
RESULTS IN WET WEIGHT
TEST **NAME** : PNC PHENOL - LC UNITS : UG/KG
SAHPLE ID LAB : EE-91-01398 MATRIX : SOLID
SAMPLE ID CLIENT: P11-S013A DUP

PARAMETER	RESULTS	Q	DET. LIMIT
Total as Trichlorophenol	ND	-	2000

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOV STATED DETECTION LIMIT

TEST CODE : SPNPHL1 JOB NUMBER : 9100.145

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UA-6000 NASP PHASE I GROUPS A-E
RESULTS IN WET WEIGHT
TEST NAME : PNC PHENOL - LC UNITS : UG/KG
SAMPLE ID LAB : EE-91-01399 MATRIX : SOLID
SAMPLE ID CLIENT: P11-S013B

PARAMETER	RESULTS	Q	DET. LIMIT
Total as Trichlorophenol	11000		2000

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

TEST CODE : SPNPHL1 **JOB NUMBER** : 9100.123

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : **UH-6000** NASP PEASE I GROUPS A-E
RESULTS IN VET VBIGET
TEST NAME : PNC PHENOL - LC UNITS : UG/KG
SAHPLE ID LAB : EE-91-01155 MATRIX : SOLID
SAHPLE ID CLIENT: P11-S014A

PARAMETER	RESULTS	Q	DET. LIMIT
Total as Trichlorophenol	ND		2000

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

TEST CODE :SPNPHL1 JOB NUMBER :9100.163

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
RESULTS IN WET WEIGET
TEST NAME : PNC PHENOL - LC UNITS : UG/KG
SAMPLE ID LAB : EE-91-01507 MATRIX : SOLID
SAMPLE ID CLIENT: P11-S015A

PARAMETER	RESULTS	Q	DET. LIMIT
Total as Trichlorophenol	13000		2000

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

TEST CODE :SPNPHL1 JOB NUMBER :9100.163

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
RESULTS IN WET WEIGHT
TEST NAME : PNC PHENOL - LC UNITS : UG/KG
SAMPLE ID LAB : EE-91-01508 MATRIX : SOLID
SAMPLE ID CLIENT: P11-S0158

PARAMETER	RESULTS	Q	DET. LIHIT
Total as Trichlorophenol	15000		2000

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

TEST CODE :SPNPHL1 JOB NUMBER :9100.158

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
RESULTS IN WET WEIGHT
TEST NAME : PNC PHENOL - LC UNITS : UG/KG
SAMPLE ID LAB : EE-91-01489 MATRIX : SOLID
SAMPLE ID CLIENT: P11-S016A

PARAMETER	RESULTS	Q	DET. LIMIT
Total as Trichlorophenol	14000		2000

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

TEST CODE :SPNPHL1 JOB NUMBER :9100.123

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
RESULTS IN WET WEIGHT
TEST NAME : PNC PHENOL - LC UNITS : UG/KG
SAMPLE ID LAB : EE-91-01156 MATRIX : SOLID
SAMPLE ID CLIENT: P11-S017A

PARAMETER	RESULTS	Q	DET. LIMIT
Total as Trichlorophenol	ND		2000

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIHATED VALUE B = *ALSO* PRESENT IN BLANK
L = PRESENT BELOV STATED DETECTION LIMIT

TEST CODE : SPNPHL1 JOB NUHBER : 9100.123

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
RESULTS IN WET WEIGHT
TEST NAME : PNC PHENOL - LC UNITS : UG/KG
SAMPLE ID LAB : EE-91-01157 MATRIX : SOLID
SAMPLE ID CLIENT: P11-S018A

PARAMETER	RESULTS	Q	DET. LIMIT
Total as Trichlorophenol	ND		2000

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

TEST CODE :SPNPHL1 JOB NUMBER :9100.170

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
RESULTS IN WET WEIGHT
TEST NAME : PNC PEENOL - LC UNITS : UG/KG
SAMPLE ID LAB : EE-91-01551 MATRIX : SOLID
SAMPLE ID CLIENT: P11-S019A

PARAMETER	RESULTS	Q	DET. LIMIT
Total as Trichlorophenol	ND		2000

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

TEST CODE :SPNPHL1 JOB NUMBER :9100.170

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
RESULTS IN WET WEIGHT
TEST NAME : PNC PHENOL - LC UNITS : UG/KG
SAMPLE ID LAB : EE-91-01552 MATRIX : SOLID
SAMPLE ID CLIENT: P11-S019ADUP

PARAMETER	RESULTS	Q	DET. LIMIT
Total as Trichlorophenol	ND		2000

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

TEST CODE : SPNPHL1 JOB NUMBER : 9100.170

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PEASE I GROUPS A-E
RESULTS IN WET WEIGHT
TEST NAME : PNC PEENOL - LC UNITS : UG/KG
SAMPLE ID LAB : EE-91-01553 MATRIX : SOLID
SAMPLE ID CLIENT: P11-S020A

PARAMETER	RESULTS	Q	DET. LIMIT
Total as Trichlorophenol	ND		2000

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

TEST CODE :SPNPHL1 JOB NUMBER :9100.163

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
RESULTS IN WET WEIGHT
TEST NAME : PNC PHENOL - LC UNITS : UG/KG
SAMPLE ID LAB : EE-91-01509 MATRIX : SOLID
SAMPLE ID CLIENT: P11-S021A

PARAMETER	RESULTS	Q	DET. LIMIT
Total as Trichlorophenol	64000		2000

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

TEST CODE :SPNPHL1 JOB NUMBER :9100.163

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
RESULTS IN WET WEIGHT
TEST NAHE : PNC PHENOL - LC UNITS : UG/KG
SAMPLE ID LAB : EE-91-01510 MATRIX : SOLID
SAMPLE ID CLIENT: P11-SO22A

PARAMETER	RESULTS	Q	DET. LIMIT
Total as Trichlorophenol	15000		2000

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QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

TEST CODE :SPNPHL1 JOB NUMBER :9100.163

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
RESULTS IN WET WEIGHT
TEST NAME : PNC PHENOL - LC UNITS : UG/KG
SAMPLE ID LAB : EE-91-01511 MATRIX : SOLID
SAMPLE ID CLIENT: P11-S023A

PARAMETER	RESULTS	Q	DET. LIMIT
Total as Trichlorophenol	>100000		2000

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIHATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

TEST CODE : SPNPHL1 JOB NUMBER : 9100.158

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
RESULTS IN WET WEIGHT
TEST NAME : PNC PHENOL - LC UNITS : UG/KG
SAMPLE ID LAB : EE-91-01488 MATRIX : SOLID
SAMPLE ID CLIENT: P11-S024A

PARAMETER	RESULTS	Q	DET. LIMIT
Total as Trichlorophenol	ND		2000

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOV STATED DETECTION LIMIT

TEST CODE : SPNPHL1 JOB NUMBER : 9100.158

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
RESULTS IN WET WEIGHT
TEST NAME : PNC PHENOL - LC UNITS : UG/KG
SAMPLE ID LAB : EE-91-01487 MATRIX : SOLID
SAMPLE ID CLIENT: P11-S025A

PARAMETER	RESULTS	Q	DET. LIMIT
Total as Trichlorophenol	120000		2000

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

TEST CODE : SPNPHL1 JOB NUMBER : 9100.163

Ecology and Environment, Inc..
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
RESULTS IN WET WEIGHT
TEST NAME : PNC PHENOL - LC UNITS : UG/KG
SAMPLE ID LAB : EE-91-01512 MATRIX : SOLID
SAMPLE ID CLIENT: P11-S026A

PARAMETER	RESULTS	Q	DET. LIMIT
Total as Trichlorophenol	17000		2000

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

TEST CODE : SPNPHL1 JOB NUMBER : 9100.170

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UR-6000 NASP PHASE I GROUPS A-E
RESULTS IN WET WEIGHT
TEST NAME : PNC PHENOL - LC UNITS : UG/KG
SAMPLE ID LAB : EE-91-01554 MATRIX : SOLID
SAMPLE ID CLIENT: P11-S027A

PARAMETER	RESULTS	Q	DET. LIMIT
Total as Trichlorophenol	ND		2000

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

TEST CODE :SPNPHL1 JOB NUMBER :9100.170

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PEASE I GROUPS A-E
RESULTS IN WET UEIGHT
TEST NAME : PNC PHENOL - LC UNITS : UG/KG
SAMPLE ID LAB : EE-91-01555 MATRIX : SOLID
SAMPLE ID CLIENT: P11-S028A

PARAMETER	RESULTS	Q	DET. LIMIT
Total as Trichlorophenol	ND		2000

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

TEST CODE :SPNPHL1 JOB NUMBER :9100.163

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
RESULTS IN WET WEIGHT
TEST NAME : PNC PHENOL - LC UNITS : UG/KG
SAMPLE ID LAB : EE-91-01513 MATRIX : SOLID
SAMPLE ID CLIENT: P11-S029A

PARAMETER	RESULTS	Q	DET. LIMIT
Total as Trichlorophenol	10000		2000

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

TEST CODE :SPNPHL1 JOB NUMBER :9100.170

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PEASE I GROUPS A-E
RESULTS IN WET WEIGHT
TEST NAME : PNC PHENOL - LC UNITS : UG/KG
SAMPLE ID LAB : EE-91-01556 MATRIX : SOLID
SAHPLE ID CLIENT: P11-S030A

PARAMETER	RESULTS	Q	DET. LIMIT
Total as Trichlorophenol	46000		2000

QUALIFIERS: C = COMMENT NO = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIHIT

QUALITY CONTROL FOR ACCURACY: PERCENT RECOVERY FOR SPIKED SOIL SAHPLES

9100.145

(ug)

Parameter	E & E Laboratory No. 91-	Original Value	Amount Added	Amount Determined	Percent Recovery
Trichlorophenol		ND	50	46.6	93

QUALITY CONTROL FOR ACCURACY: PERCENT RECOVERY
FOR SPIKED SOLID SAMPLES

9100.158

		(ug)			
Parameter	E & E Laboratory No. 91- Blank Spike	Original Value	Amount Added	Amount Determined	Percent Recovery
Trichlorophenol		ND	50	47	94

TEST CODE :SPNPHL1 JOB NUMBER :9100.145

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
RESULTS IN WET WEIGHT
TEST NAME : PNC PHENOL - LC UNITS : UG/KG
SAMPLE ID LAB : METHOD BLANK MATRIX : SOLID

PARAMETER	RESULTS	Q	DET. LIMIT
Total as Trichlorophenol	ND		2000

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

TEST CODE :SPNP&P1 JOB NUMBER :9100.145

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
RESULTS IN VET WEIGHT
TEST NAME : PNC PEST./PCB UNITS : UG/KG
SAHPLE ID LAB : EE-91-01386 MATRIX : SOLID
SAHPLE ID CLIENT: P11-S001A

PARAMETER	RESULTS	Q	DET. LIMIT
Heptachlor	ND		1000
Lindane	ND		1000
Aldrin	ND		1000
4,4 - DDT	ND		1000
Dieldrin / 4,4 - DDE	ND		1000
Endrin	ND		1000
Chlordane	ND		1000
Total PCBS	ND		5000

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QUALIFIERS: C = COHHENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOV STATED DETECTION LIMIT

TEST CODE : SPNP&P1 JOB NUMBER : 9100.145

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
RESULTS IN WET WEIGHT
TEST NAME : PNC PEST./PCB UNITS : UG/KG
SAMPLE ID LAB : EE-91-01387 MATRIX : SOLID
SAMPLE ID CLIENT: P11-S001B

PARAMETER	RESULTS	Q	DET. LIMIT
Heptachlor	ND		1000
Lindane	ND		1000
Aldrin	ND		1000
4,4 - DDT	ND		1000
Dieldrin / 4,4 - DDE	ND		1000
Endrin	ND		1000
Chlordane	ND		1000
Total PCBS	ND		5000

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

TEST CODE : SPNP&P1 JOB NUMBER :9100.145

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UE-6000 NASP PHASE I GROUPS A-E
RESULTS IN WET WEIGHT
TEST NAME : PNC PEST./PCB UNITS : UG/KG
SAMPLE ID LAB : EE-91-01388 MATRIX : SOLID
SAMPLE ID CLIENT: P11-S002A

PARAMETER	RESULTS	Q	DET. LIMIT
Heptachlor	ND		1000
Lindane	ND		1000
Aldrin	ND		1000
4,4 - DDT	ND		1000
Dieldrin / 4,4 - DDE	ND		1000
Endrin	ND		1000
Chlordane	ND		1000
Total PCBS	ND		5000

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOU STATED DETECTION LIMIT

TEST CODE : SPNP&P1 JOB NUMBER : 9100.145

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
RESULTS IN WET WEIGHT
TEST NAME : PNC PEST./PCB UNITS : UG/KG
SAMPLE ID LAB : EE-91-01389 MATRIX : SOLID
SAMPLE ID CLIENT: P11-S002B

PARAMETER	RESULTS	Q	DET. LIMIT
Heptachlor	ND		1000
Lindane	ND		1000
Aldrin	ND		1000
4,4 - DDT	ND		1000
Dieldrin / 4,4 - DDE	ND		1000
Endrin	ND		1000
Chlordane	ND		1000
Total PCBS	ND		5000

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QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

TEST CODE : SPNP&P1 JOB NUMBER : 9100.145

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PEASE I GROUPS A-E
RESULTS IN WET WEIGHT
TEST NAME : PNC PEST./PCB UNITS : UG/KG
SAMPLE ID LAB : EE-91-01390 MATRIX : SOLID
SAMPLE ID CLIENT: P11-S003A

PARAMETER	RESULTS	Q	DET. LIHIT
Heptachlor	ND		1000
Lindane	ND		1000
Aldrin	ND		1000
4,4 - DDT	ND		1000
Dieldrin / 4,4 - DDE	ND		1000
Endrin	ND		1000
Chlordane	ND		1000
Total PCBS	ND		5000

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

TEST CODE :SPNP&P1 JOB NUMBER :9100.145

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
RESULTS IN WET WEIGHT
TEST NAME : PNC PEST./PCB UNITS : UG/KG
SAMPLE ID LAB : EE-91-01391 MATRIX : SOLID
SAMPLE ID CLIENT: P11-S003B

PARAMETER	RESULTS	Q	DET. LIMIT
Heptachlor	ND		1000
Lindane	ND		1000
Aldrin	ND		1000
4,4 - DDT	ND		1000
Dieldrin / 4,4 - DDE	ND		1000
Endrin	ND		1000
Chlordane	ND		1000
Total PCBS	ND		5000

QUALIFIERS: C : COMMENT ND : NOT DETECTED
J : ESTIMATED VALUE B : ALSO PRESENT IN BLANK
L : PRESENT BELOW STATED DETECTION LIMIT

TEST CODE :SPNP&P1 JOB NUMBER :9100.145

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
RESULTS IN WET WEIGHT
TEST NAME : PNC PEST./PCB UNITS : UG/KG
SAMPLE ID LAB : EE-91-01392 MATRIX : SOLID
SAMPLE ID CLIENT: P11-S004A

PARAMETER	RESULTS	Q	DET. LIMIT
Heptachlor	ND		1000
Lindane	ND		1000
Aldrin	ND		1000
4,4 - DDT	ND		1000
Dieldrin / 4,4 - DDE	ND		1000
Endrin	ND		1000
Chlordane	ND		1000
Total PCBS	ND		5000

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

TEST CODE :SPNP&P1 JOB NUMBER :9100.145

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
RESULTS IN WET WEIGHT
TEST NAME : PNC PEST./PCB UNITS : UG/KG
SAMPLE ID LAB : EE-91-01393 MATRIX : SOLID
SAMPLE ID CLIENT: P11-S0048

PARAMETER	RESULTS	Q	DET. LIMIT
Heptachlor	ND		1000
Lindane	ND		1000
Aldrin	ND		1000
4,4 - DDT	ND		1000
Dieldrin / 4,4 - DDE	ND		1000
Endrin	ND		1000
Chlordane	ND		1000
Total PCBS	ND		5000

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

TEST CODE :SPNP&P1 JOB NUMBER :9100.145

Ecology and Environment? Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PEASE I GROUPS A-E
RESULTS IN WET WEIGHT
TEST NAME : PNC PEST./PCB UNITS : UG/KG
SAHPLE ID LAB : EE-91-01394 MATRIX : SOLID
SAHPLE ID CLIENT: P11-S005A

PARAMETER	RESULTS	Q	DET. LIHIT
Heptachlor	ND		1000
Lindane	ND		1000
Aldrin	ND		1000
4,4 - DDT	ND		1000
Dieldrin / 4,4 - DDE	ND		1000
Endrin	ND		1000
Chlordane	ND		1000
Total PCBS	ND		5000

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIHATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOV STATED DETECTION LIMIT

TEST CODE : SPNP&P1 JOB NUMBER : 9100.145

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
RESULTS IN WET WEIGHT
TEST NAME : PNC PEST./PCB UNITS : UG/KG
SAMPLE ID LAB : EE-91-01395 MATRIX : SOLID
SAMPLE ID CLIENT: P11-S0058

PARAMETER	RESULTS	Q	DET. LIMIT
Heptachlor	ND		1000
Lindane	ND		1000
Aldrin	ND		1000
4,4 - DDT	ND		1000
Dieldrin / 4,4 - DDE	ND		1000
Endrin	ND		1000
Chlordane	ND		1000
Total PCBS	ND		5000

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

TEST CODE :SPNP&P1 JOB NUMBER :9100.123

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
RESULTS IN WET WEIGHT
TEST NAME : PNC PEST./PCB UNITS : UG/KG
SAMPLE ID LAB : EE-91-01151 MATRIX : SOLID
SAMPLE ID CLIENT: P11-S006A

PARAMETER	RESULTS	Q	DET. LIMIT
Heptachlor	ND		1000
Lindane	ND		1000
Aldrin	ND		1000
4,4 - DDT	ND		1000
Dieldrin / 4,4 - DDE	ND		1000
Endrin	ND		1000
Chlordane	ND		1000
Total PCBS	ND		5000

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOV STATED DETECTION LIMIT

TEST CODE : SPNP&P1 JOB NUMBER : 9100.123

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UR-6000 NASP PHASE I GROUPS A-E
RESULTS IN WET WEIGHT
TEST NAME : PNC PEST./PCB UNITS : UG/KG
SAMPLE ID LAB : EE-91-01152 MATRIX : SOLID
SAMPLE ID CLIENT: P11-S007A

PARAMETER	RESULTS	Q	DET. LIMIT
Heptachlor	ND		1000
Lindane	ND		1000
Aldrin	ND		1000
4,4 - DDT	ND		1000
Dieldrin / 4,4 - DDE	ND		1000
Endrin	ND		1000
Chlordane	ND		1000
Total PCBS	ND		5000

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIHATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

TEST CODE :SPNP&P1 JOB NUMBER :9100.123

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
RESULTS IN WET VEIGHT
TEST NAME : PNC PEST./PCB UNITS : UG/KG
SAMPLE ID LAB : EE-91-01153 MATRIX : SOLID
SAMPLE ID CLIENT: P11-S008A

PARAMETER	RESULTS	Q	DET. LIHIT
Heptachlor	ND		1000
Lindane	ND		1000
Aldrin	ND		1000
4,4 - DDT	ND		1000
Dieldrin / 4,4 - DDE	ND		1000
Endrin	ND		1000
Chlordane	ND		1000
Total PCBS	ND		5000

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

TEST CODE :SPNP&P1 JOB NUMBER :9100.145

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
RESULTS IN WET WEIGHT
TEST NAME : PNC PEST./PCB UNITS : UG/KG
SAMPLE ID LAB : EE-91-01396 MATRIX : SOLID
SAMPLE ID CLIENT: P11-S009A

PARAMETER	RESULTS	Q	DET. LIMIT
Heptachlor	ND		1000
Lindane	ND		1000
Aldrin	ND		1000
4,4 - DDT	ND		1000
Dieldrin / 4,4 - DDE	ND		1000
Endrin	ND		1000
Chlordane	ND		1000
Total PCBS	ND		5000

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

TEST CODE :SPNP&P1 JOB NUMBER :9100.123

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PEASE I GROUPS A-E
RESULTS IN WET WEIGHT
TEST NAME : PNC PEST./PCB UNITS : UG/KG
SAHPLB ID LAB : EE-91-01154 MATRIX : SOLID
SAMPLE ID CLIENT: P11-S010A

PARAHETER	RESULTS	Q	DET. LIHIT
Heptachlor	ND		1000
Lindane	ND		1000
Aldrin	ND		1000
4,4 - DDT	ND		1000
Dieldrin / 4,4 - DDE	ND		1000
Endrin	ND		1000
Chlordane	ND		1000
Total PCBS	ND		5000

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

TEST CODE :SPNP&P1 JOB NUMBER :9100.158

Ecology and Environment, Inc.
Analytical **Services** Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
RESULTS IN WET WEIGHT
TEST NAME : PNC PEST./PCB UNITS : UG/KG
SAMPLE ID LAB : EE-91-01490 MATRIX : SOLID
SAMPLE ID CLIENT: **P11-S011A**

PARAMETER	RESULTS	Q	DET. LIMIT
Heptachlor	ND		1000
Lindane	ND		1000
Aldrin	ND		1000
4,4 - DDT	ND		1000
Dieldrin / 4,4 - DDE	ND		1000
Endrin	ND		1000
Chlordane	ND		1000
Total PCBS	PRESENT	L	5000

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

TEST CODE :SPNP&P1 JOB NUMBER :9100.158

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
RESULTS IN WET WEIGHT
TEST NAME : PNC PEST./PCB UNITS : UG/KG
SAHPLE ID LAB : EE-91-01485 MATRIX : SOLID
SAHPLE ID CLIENT: P11-S012A

PARAMETER	RESULTS	Q	DET. LIMIT
Heptachlor	ND		1000
Lindane	ND		1000
Aldrin	ND		1000
4,4 - DDT	ND		1000
Dieldrin / 4,4 - DDE	ND		1000
Endrin	ND		1000
Chlordane	ND		1000
Total PCBS	ND		5000

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

TEST CODE :SPNP&P1 JOB NUMBER :9100.145

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
RESULTS IN WET WEIGHT
TEST NAME : PNC PEST./PCB UNITS : UG/KG
SAMPLE ID LAB : EE-91-01397 MATRIX : SOLID
SAMPLE ID CLIENT: P11-S013A

PARAMETER	RESULTS	Q	DET. LIMIT
Heptachlor	ND		1000
Lindane	ND		1000
Aldrin	ND		1000
4,4 - DDT	ND		1000
Dieldrin / 4,4 - DDE	ND		1000
Endrin	ND		1000
Chlordane	ND		1000
Total PCES	ND		5000

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

TEST CODE :SPNP&P1 JOB NUMBER :9100.145

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
RESULTS IN WET WEIGHT
TEST NAME : PNC PEST./PCB UNITS : UG/KG
SAMPLE ID LAB : EE-91-01398 MATRIX : SOLID
SAMPLE ID CLIENT: P11-S013A DUP

PARAMETER	RESULTS	Q	DET. LIMIT
Heptachlor	ND		1000
Lindane	ND		1000
Aldrin	ND		1000
4,4 - DDT	ND		1000
Dieldrin / 4,4 - DDE	ND		1000
Endrin	ND		1000
Chlordane	ND		1000
Total PCBS	ND		5000

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

TEST CODE :SPNP&P1 JOB NUMBER :9100.145

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UR-6000 NASP PHASE I GROUPS A-E
RESULTS IN WET WEIGHT
TEST NAME : PNC PEST./PCB UNITS : UG/KG
SAMPLE ID LAB : EE-91-01399 MATRIX : SOLID
SAMPLE ID CLIENT: P11-S013B

PARAMETER	RESULTS	Q	DET. LIMIT
Heptachlor	ND		1000
Lindane	ND		1000
Aldrin	ND		1000
4,4 - DDT	ND		1000
Dieldrin / 4,4 - DDE	ND		1000
Endrin	ND		1000
Chlordane	ND		1000
Total PCBS	ND		5000

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

TEST CODE :SPNP&P1 JOB NUMBER :9100.123

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PEASE I GROUPS A-E
RESULTS IN WET WEIGHT
TEST NAHE : PNC PEST./PCB UNITS : UG/KG
SAMPLE ID LAB : EE-91-01155 MATRIX : SOLID
SAHPLE ID CLIENT: P11-S014A

PARAMETER	RESULTS	Q	DET. LIMIT
Heptachlor	ND		1000
Lindane	ND		1000
Aldrin	ND		1000
4,4 - DDT	ND		1000
Dieldrin / 4,4 - DDE	ND		1000
Endrin	ND		1000
Chlordane	ND		1000
Total PCBS	ND		5000

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

TEST CODE : SPNP&P1 JOB NUMBER : 9100.163

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
RESULTS IN UET WEIGHT
TEST NAME : PNC PEST./PCB UNITS : UG/KG
SAMPLE ID LAB : EE-91-01507 MATRIX : SOLID
SAMPLE ID CLIENT: P11-S015A

PARAMETER	RESULTS	Q	DET. LIMIT
Heptachlor	ND		1000
Lindane	ND		1000
Aldrin	ND		1000
4,4 - DDT	ND		1000
Dieldrin / 4,4 - DDE	ND		1000
Endrin	ND		1000
Chlordane	ND		1000
Total PCBS	ND		5000

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

TEST CODE :SPNP&P1 JOB NUMBER :9100.163

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
RESULTS IN WET WEIGHT
TEST NAME : PNC PEST./PCB UNITS : UG/KG
SAHPLE ID LAB : EE-91-01508 MATRIX : SOLID
SAMPLE ID CLIENT: P11-S015B

PARAMETER	RESULTS	Q	DET. LIHIT
Heptachlor	ND		1000
Lindane	ND		1000
Aldrin	ND		1000
4,4 - DDT	ND		1000
Dieldrin / 4,4 - DDE	ND		1000
Endrin	ND		1000
Chlordane	ND		1000
Total PCBS	ND		5000

QUALIFIERS: C = COHHENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIHIT

TEST CODE :SPNP&P1 JOB NUMBER :9100.158

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PEASE I GROUPS A-E
RESULTS IN WET WEIGHT
TEST NAME : PNC PEST./PCB UNITS : UG/KG
SAMPLE ID LAB : EE-91-01489 MATRIX : SOLID
SAMPLE ID CLIENT: P11-S016A

PARAMETER	RESULTS	Q	DET. LIMIT
Heptachlor	ND		1000
Lindane	ND		1000
Aldrin	ND		1000
4p4 - DDT	ND		1000
Dieldrin / 4p4 - DDE	ND		1000
Endrin	ND		1000
Chlordane	ND		1000
Total PCBS	ND		5000

QUALIFIERS: C = COHMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

TEST CODE : SPNP&P1 JOB NUMBER : 9100.123

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
RESULTS IN VET WEIGHT
TEST NAME : PNC PEST./PCB UNITS : UG/KG
SAMPLE ID LAB : EE-91-01156 MATRIX : SOLID
SAMPLE ID CLIENT: P11-S017A

PARAMETER	RESULTS	Q	DET. LIMIT
Heptachlor	ND		1000
Lindane	ND		1000
Aldrin	ND		1000
4,4 - DDT	ND		1000
Dieldrin / 4,4 - DDE	ND		1000
Endrin	ND		1000
Chlordane	ND		1000
Total PCBS	ND		5000

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIHATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIXIT

TEST CODE :SPNP&P1 JOB NUMBER :9100.123

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
RESULTS IN VET WEIGHT
TEST NAHE : PNC PEST./PCB UNITS : UG/KG
SAMPLE ID LAB : EE-91-01157 MATRIX : SOLID
SAMPLE ID CLIENT: P11-S018A

PARAMETER	RESULTS	Q	DET. LIMIT
Heptachlor	ND		1000
Lindane	ND		1000
Aldrin	ND		1000
4,4 - DDT	ND		1000
Dieldrin / 4,4 - DDE	ND		1000
Endrin	ND		1000
Chlordane	ND		1000
Total PCBS	ND		5000

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIHIT

TEST CODE :SPNP&P1 JOB NUMBER :9100.170

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
RESULTS IN WET WEIGHT
TEST NAME : PNC PEST./PCB UNITS : UG/KG
SAMPLE ID LAB : EE-91-01551 MATRIX : SOLID
SAMPLE ID CLIENT: P11-S019A

PARAMETER	RESULTS	Q	DET. LIHIT
Heptachlor	ND		1000
Lindane	ND		1000
Aldrin	ND		1000
4,4 - DDT	ND		1000
Dieldrin / 4,4 - DDE	ND		1000
Endrin	ND		1000
Chlordane	ND		1000
Total PCBS	ND		5000

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

TEST CODE : SPNP&P1 JOB NUMBER : 9100.170

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
RESULTS IN WET WEIGHT
TEST NAME : PNC PEST./PCB UNITS : UG/KG
SAMPLE ID LAB : EE-91-01552 MATRIX : SOLID
SAMPLE ID CLIENT: P11-S019ADUP

PARAMETER	RESULTS	Q	DET. LIMIT
Heptachlor	ND		1000
Lindane	ND		1000
Aldrin	ND		1000
4,4 - DDT	ND		1000
Dieldrin / 4,4 - DDE	ND		1000
Endrin	ND		1000
Chlordane	ND		1000
Total PCES	ND		5000

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

TEST CODE : SPNP&P1 JOB NUMBER : 9100.170

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PEASE I GROUPS A-E
RESULTS IN WET WEIGHT
TEST NAME : PNC PEST./PCB UNITS : UG/KG
SAMPLE ID LAB : EE-91-01553 MATRIX : SOLID
SAMPLE ID CLIENT: P11-S020A

PARAMETER	RESULTS	Q	DET. LIMIT
Heptachlor	ND		1000
Lindane	ND		1000
Aldrin	ND		1000
4,4 - DDT	ND		1000
Dieldrin / 4,4 - DDE	ND		1000
Endrin	ND		1000
Chlordane	ND		1000
Total PCBS	ND		5000

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIHATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

TEST CODE :SPNP&P1 JOB NUMBER :9100.163

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
RESULTS IN WET WEIGHT
TEST NAME : PNC PEST./PCB UNITS : UG/KG
SAMPLE ID LAB : EE-91-01509 MATRIX : SOLID
SAMPLE ID CLIENT: P11-S021A

PARAMETER	RESULTS	Q	DET. LIMIT
Heptachlor	ND		1000
Lindane	ND		1000
Aldrin	ND		1000
4,4 - DDT	ND		1000
Dieldrin / 4,4- DDE	ND		1000
Endrin	ND		1000
Chlordane	ND		1000
Total PCBS	ND		5000

.....

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

TEST CODE :SPNP&P1 JOB NUMBER :9100.163

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
RESULTS IN WET WEIGHT
TEST NAME : PNC PEST./PCB UNITS : UG/KG
SAMPLE ID LAB : EE-91-01510 MATRIX : SOLID
SAMPLE ID CLIENT: P11-S022A

PARAMETER	RESULTS	Q	DET. LIHIT
Heptachlor	ND		1000
Lindane	ND		1000
Aldrin	ND		1000
4p4 - DDT	ND		1000
Dieldrin / 4,4 - DDE	ND		1000
Endrin	ND		1000
Chlordane	ND		1000
Total PCBS	ND		5000

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANU
L = PRESENT BELOW STATED DETECTION LIHIT

TEST CODE : SPNP&P1 JOB NUMBER : 9100.163

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
RESULTS IN WET WEIGHT
TEST NAME : PNC PEST./PCB UNITS : UG/KG
SAMPLE ID LAB : EE-91-01511 MATRIX : SOLID
SAMPLE ID CLIENT: P11-S023A

PARAMETER	RESULTS	Q	DET. LIMIT
Heptachlor	ND		1000
Lindane	ND		1000
Aldrin	ND		1000
4,4 - DDT	ND		1000
Dieldrin / 4,4 - DDE	ND		1000
Endrin	ND		1000
Chlordane	ND		1000
Total PCBS	ND		5000

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

TEST CODE :SPNP&P1 JOB NUMBER :9100.158

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
RESULTS IN WET WEIGHT
TEST NAME : PNC PEST./PCB UNITS : UG/KG
SAMPLE ID LAB : EE-91-01488 MATRIX : SOLID
SAMPLE ID CLIENT: P11-S024A

PARAMETER	RESULTS	Q	DET. LIMIT
Heptachlor	ND		1000
Lindane	ND		1000
Aldrin	ND		1000
4,4 - DDT	ND		1000
Dieldrin / 4,4 - DDE	ND		1000
Endrin	ND		1000
Chlordane	ND		1000
Total PCBS	ND		5000

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOV STATED DETECTION LIMIT

TEST CODE :SPNP&P1 JOB NUHBER :9100.158

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
RESULTS IN WET WEIGHT
TEST NAME : PNC PEST./PCB UNITS : UG/KG
SAMPLE ID LAB : EE-91-01487 MATRIX : SOLID
SAMPLE ID CLIENT: P11-S025A

PARAMETER	RESULTS	Q	DET. LIMIT
Heptachlor	ND		1000
Lindane	ND		1000
Aldrin	ND		1000
4,4 - DDT	ND		1000
Dieldrin / 4,4 - DDE	ND		1000
Endrin	ND		1000
Chlordane	ND		1000
Total PCBS	ND		5000

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

TEST CODE :SPNP&P1 JOB NUMBER :9100.163

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
RESULTS IN WET WEIGHT
TEST NAME : PNC PEST./PCB UNITS : UG/KG
SAMPLE ID LAB : EE-91-01512 HATRIX : SOLID
SAMPLE ID CLIENT: P11-S026A

PARAMETER	RESULTS	Q	DET. LIHIT
Eieptachlor	ND		1000
Lindane	ND		1000
Aldrin	ND		1000
4,4 - DDT	ND		1000
Dieldrin / 4,4 - DDE	ND		1000
Endrin	ND		1000
Chlordane	ND		1000
Total PCBS	ND		5000

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

TEST CODE :SPNP&P1 JOB NUMBER :9100.170

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
RESULTS IN WET WEIGHT
TEST NAME : PNC PEST./PCB UNITS : UG/KG
SAMPLE ID LAB : EE-91-01554 MATRIX : SOLID
SAMPLE ID CLIENT: P11-S027A

PARAMETER	RESULTS	Q	DET. LIMIT
Heptachlor	ND		1000
Lindane	ND		1000
Aldrin	ND		1000
4,4 - DDT	ND		1000
Dieldrin / 4,4 - DDE	ND		1000
Endrin	ND		1000
Chlordane	ND		1000
Total PCBS	ND		5000

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

TEST CODE :SPNP&P1 JOB NUMBER :9100.170

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
RESULTS IN WET WEIGHT
TEST NAME : PNC PEST./PCB UNITS : UG/KG
SAMPLE ID LAB : EE-91-01555 HATRIX : SOLID
SAMPLE ID CLIENT: P11-S028A

PARAMETER	RESULTS	Q	DET. LIHIT
Heptachlor	ND		1000
Lindane	ND		1000
Aldrin	ND		1000
4,4 - DDT	ND		1000
Dieldrin / 4,4 - DDE	ND		1000
Endrin	ND		1000
Chlordane	ND		1000
Total PCBS	ND		5000

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

TEST CODE :SPNP&P1 JOB NUMBER :9100.163

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
RESULTS IN WET WEIGHT
TEST NAME : PNC PEST./PCB UNITS : UG/KG
SAMPLE ID LAB : EE-91-01513 MATRIX : SOLID
SAMPLE ID CLIENT: P11-S029A

PARAMETER	RESULTS	Q	DET. LIMIT
Heptachlor	ND		1000
Lindane	ND		1000
Aldrin	ND		1000
4,4 - DDT	ND		1000
Dieldrin / 4,4 - DDE	ND		1000
Endrin	ND		1000
Chlordane	ND		1000
Total PCBS	ND		5000

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

TEST CODE :SPNP&P1 JOB NUMBER :9100.170

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
RESULTS IN WET WEIGHT
TEST NAME : PNC PEST./PCB UNITS : UG/KG
SAMPLE ID LAB : EE-91-01556 MATRIX : SOLID
SAMPLE ID CLIENT: P11-S030A

PARAMETER	RESULTS	Q	DET. LIMIT
Heptachlor	ND		1000
Lindane	ND		1000
Aldrin	ND		1000
4,4 - DDT	ND		1000
Dieldrin / 4,4 - DDE	ND		1000
Endrin	ND		1000
Chlordane	ND		1000
Total PCBS	ND		5000

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

QUALITY CONTROL FOR ACCURACY AND PRECISION:
PERCENT RECOVERY AND RELATIVE PERCENT DIFFERENCE (RPD)
OF SOIL MATRIX SPIKE (MS) FOR PENSACOLA SCREENING
(Sample # 1151)

9100.123

(ug/kg)

Compound	Original Result	Amount Added MS	Amount Determined MS	Percent Recovery MS
Lindane	ND	400	420	105
Heptachlor	ND	400	430	108
Aldrin	ND	400	420	105
Dieldrin	ND	1000	1200	120
Endrin	ND	1000	1400	140
4,4'-DDT	ND	1000	1200	120

QUALITY CONTROL FOR ACCURACY AND PRECISION:
PERCENT RECOVERY AND RELATIVE PERCENT DIFFERENCE (RPD)
OF SOIL MATRIX SPIKE (MS) FOR PENSACOLA SCREENING
(Sample # 1399)

9100.145

(ug/kg)

Compound	Original Result	Amount Added MS	Amount Determined MS	Percent Recovery MS
Aroclor 1254	ND	5000	4500	90

QUALITY CONTROL FOR ACCURACY AND PRECISION:
PERCENT RECOVERY AND RELATIVE PERCENT DIFFERENCE (RPD)
OF SOIL MATRIX SPIKE (MS) FOR PENSACOLA SCREENING
(Sample # Batch QC)

9100.158

(ug/kg)

Compound	Original Result	Amount Added MS	Amount Determined MS	Percent Recovery MS
Aroclor 1254	ND	5000	3900	78

ND=None detected.

QUALITY CONTROL FOR ACCURACY AND PRECISION:
PERCENT RECOVERY AND RELATIVE PERCENT DIFFERENCE (RPD)
OF SOIL MATRIX SPIKE (MS) FOR PENSACOLA SCREENING
(Sample # Batch QC)

9100.158

(ug/kg)

Compound	Original Result	Amount Added MS	Amount Determined MS	Percent Recovery MS
Aroclor 1254	ND	5000	*4440*	89

ND=None detected.

QUALITY CONTROL FOR ACCURACY AND PRECISION:
PERCENT RECOVERY OF SOIL MATRIX SPIKE
(MS) FOR PENSACOLA SCREENING
(Sample # 1534)

9100.163

(ug/kg)

Compound	Original Result	Amount Added MS	Amount Determined MS	Percent Recovery MS
Aroclor 1254	ND	5000	3898	78

ND=None detected.

QUALITY CONTROL FOR ACCURACY AND PRECISION:
PERCENT RECOVERY AND RELATIVE PERCENT DIFFERENCE (RPD)
OF SOIL MATRIX SPIKE (MS) FOR PENSACOLA SCREENING
(Sample # Batch QC)

9100.158

(ug/kg)

Compound	Original Result	Amount Added MS	Amount Determined MS	Percent Recovery MS
Lindane	ND	400	491	122
Heptachlor	ND	400	496	124
Aldrin	ND	400	472	118
Dieldrin	ND	1000	1342	134
Endrin	ND	1000	1309	131
4,4'-DDT	ND	1000	1131	113

ND=None detected.

QUALITY CONTROL FOR ACCURACY AND PRECISION:
PERCENT RECOVERY OF SOIL MATRIX SPIKE
(MS) FOR PENSACOLA SCREENING
(Sample # 1524)

9100.163

(ug/kg)

Compound	Original Result	Amount Added MS	Amount Determined MS	Percent Recovery MS
Lindane	ND	400	491	122
Heptachlor	ND	400	496	124
Aldrin	ND	400	472	118
Dieldrin	ND	1000	1342	134
Endrin	ND	1000	1309	131
4,4'-DDT	ND	1000	1131	113

ND=None detected.

QUALITY CONTROL FOR ACCURACY AND PRECISION:
PERCENT RECOVERY AND RELATIVE PERCENT DIFFERENCE (RPD)
OF SOIL MATRIX SPIKE (HS) FOR PENSACOLA SCREENING
(Sample # 1551)

9100.170

(ug/kg)

Compound	Original Result	Amount Added NS	Amount Determined MS	Percent Recovery MS
Lindane	ND	400	470	118
Heptachlor	ND	400	390	98
Aldrin	ND	400	550	138
Dieldrin	ND	1000	1600	160
Endrin	ND	1000	1200	120
4,4 -DDT	ND	1000	490	49
Aroclor	ND	5000	4800	96

ND = None detected.

TEST CODE : SPNP&P1 JOB NUMBER : 9100.123

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UE-6000 NASP PEASE I GROUPS A-E
RESULTS IN WET WEIGET
TEST NAME : PNC PEST./PCB UNITS : UG/KG
SAMPLE ID LAB : METHOD BLANK MATRIX : SOLID

PARAMETER	RESULTS	Q	DET. LIMIT
Heptachlor	ND		1000
Lindane	ND		1000
Aldrin	ND		1000
4,4 - DDT	ND		1000
Dieldrin / 4,4 - DDE	ND		1000
Endrin	ND		1000
Chlordane	ND		1000
Total PCBS	ND		5000

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

TEST CODE :SPNP&P1 JOB NUMBER :9100.145

Ecology and Environment? Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
RESULTS IN WET WEIGHT
TEST NAME : PNC PEST./PCB UNITS : UG/KG
SAMPLE ID LAB : METHOD BLANK MATRIX : SOLID

PARAMETER	RESULTS	Q	DET. LIMIT
Heptachlor	ND		1000
Lindane	ND		1000
Aldrin	ND		1000
4,4 - DDT	ND		1000
Dieldrin / 4,4 - DDE	ND		1000
Endrin	ND		1000
Chlordane	ND		1000
Total PCBS	ND		5000

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIHIT

TEST CODE :SPNP&P1 JOB NUMBER :9100.158

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
RESULTS IN WET WEIGHT
TEST NAME : PNC PEST./PCB UNITS : UG/KG
SAMPLE ID LAB : METHOD BLANK MATRIX : SOLID

PARAMETER	RESULTS	Q	DET. LIMIT
Heptachlor	ND		1000
Lindane	ND		1000
Aldrin	ND		1000
4,4 - DDT	ND		1000
Dieldrin / 4,4 - DDE	ND		1000
Endrin	ND		1000
Chlordane	ND		1000
Total PCBS	ND		***5000***

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

TEST CODE :SPNP&P1 JOB NUMBER :9100.163

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
RESULTS IN WET WEIGHT
TEST NAME : PNC PEST./PCB UNITS : UG/KG
SAHPLE ID LAB : METHOD BLANK MATRIX : SOLID

PARAMETER	RESULTS	Q	DET. LIMIT
Heptachlor	ND		1000
Lindane	ND		1000
Aldrin	ND		1000
4,4 - DDT	ND		1000
Dieldrin / 4,4 - DDE	ND		1000
Endrin	ND		1000
Chlordane	ND		1000
Total PCBS	ND		5000

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

TEST CODE : SPNP&P1 JOB NUMBER : 9100.170

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 **NASP** PHASE **I GROUPS** A-E
RESULTS IN WET WEIGHT
TEST NAME : PNC PEST./PCB UNITS : UG/KG
SAMPLE ID LAB : METHOD BLANK MATRIX : SOLID

PARAMETER	RESULTS	Q	DET. LIMIT
Heptachlor	ND		1000
Lindane	ND		1000
Aldrin	ND		1000
4,4 - DDT	ND		1000
Dieldrin / 4,4 - DDE	ND		1000
Endrin	ND		1000
Chlordane	ND		1000
Total PCBS	ND		5000

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

APPENDIX G

TEMPORARY MONITORING WELL GROUNDWATER SAMPLING ANALYTICAL SCREENING RESULTS

M E M O R A N D U M

TO: John Barksdale

FROM: Gary Hahn

DATE: February 12, 1991

SUBJECT: UH-6000 Pensacola Report

REF: 9100.170

CC: Lab File

Attached is the laboratory report of the analysis conducted on eleven samples received at the Analytical Services Center on January 23, 1991. Analysis was performed according to the screening procedures set forth in "Generic Quality Assurance Project Plan, Contamination Assessments and Remedial Activities, Naval Air Station Pensacola, Pensacola, Florida," July 1990.

All samples on which this report is based will be retained by E & E for a period of 30 days from the date of this report, unless otherwise instructed by the client. If additional storage of samples is requested by the client, a storage fee of $1.00 per sample container per month will be charged for each sample, with such charges accruing until destruction of the samples is authorized by the client.

GH:tms
enclosure

Job# 9100.170
SAMPLE RANGE 1557 → 1561

ecology and environment, inc.

338 PLEASANTVIEW DRIVE, LANCASTER, NEW YORK 14086, TEL. 716/684 8060
International Specialists in the Environment

CHAIN-OF-CUSTODY RECORD

Project No: U16020
Project Name: NASP PHASE I A-E
Project Manager: J. BARKSDALE
Samplers (Signatures): Mike Clark
Field Team Leader: J. FUGITT

	STATION NUMBER	DATE 1991	TIME	SAMPLE TYPE COMP	GRAB	AIR	SAMPLE INFORMATION EXPECTED COMPOUNDS (Concentration)*	STATION LOCATION	NUMBER OF CONTAINERS	SCREENING PAHS	SCREENING PHENOLS	SCREENING PESTICIDES	SCREENING TOTAL PCBS	SCREENING METALS	H.P.I.	SCREENING VOCS		REMARKS
P11	S019A	1/22	0915	X			Med.	SITE 11, Boring 19	3	X	X	X	X	X	X	X		VOAs LOT# [illegible]
	S020A		0935				Med.	Boring 20										QC# [illegible]
	S019AD		0915				Med.	Boring 19 dup.									dup.	8 OZ JARS [illegible]
	S027A		1050				low	Boring 27										
	S028A		1317				low	Boring 28										
	S030A		1319				low	Boring 30										

Relinquished By (Signature)	Date/Time	Received By (Signature)	Relinquished By (Signature)	Date/Time	Received By (Signature)	Ship Via
J. Fugitt	1100 1-22-91	FedEx				FEDERAL EXPRESS
Relinquished By (Signature)	Date/Time	Received By (Signature)	Relinquished By (Signature)	Date/Time	Received By (Signature)	BL/Airbill Number: 9747910314
Relinquished By (Signature)	Date/Time 0 Sea 1-23-91	Received For Laboratory By (Signature)	Relinquished By (Signature)	Date/Time	Received For Laboratory By (Signature)	Date: 1-23

Distrib: Original Accompanies Shipment; Copy to Coordinator Field Files
*See CLP STRATION RANGE on back of form

ecol[redacted] and environment, inc.
300 PLEA[redacted]N DRIVE, LANCASTER, NEW YORK 14086, TEL. 716/684 8080
Internation[redacted]ists in the Environment

Sample Range 1[redacted]1 → 1561

according to si[redacted]pecific QAPP. (See Barb[redacted]wski)

CHAIN-OF-CUSTODY RECORD

Page 1 of 1

Project No.: UH6024
Project Name: NASP Phase 1 A-E
Project Manager: JOHN BARKSDALE
Samplers (Signature): Keith Delhomme [signature]
Field Team Leader: Keith DELHOMME

STATION NUMBER	DATE	TIME	SAMPLE TYPE COMP	GRAB	AIR	SAMPLE INFORMATION / EXPECTED COMPOUNDS (Concentration)*	STATION LOCATION	NUMBER OF CONTAINERS	Screening PAHs	Screening Phenols	Screening Pesticides	Screening Total PCBs	Screening Metals	4/8oz Screening VOCs	REMARKS
P11 GW21	1-22-91	1445		X		Low level	P11GW21/Grab/Temp well #31	5	X	X	X	X	X	X	1 Ambers. QC# 3285C
P11 GW23	1-22-91	1015		X		" "	P11GW23/Grab/Temp well #23	5	X	X	X	X	X	X	Lot# 9223013
P11 GW24	1-22-91	0850		X		" "	P11GW24/Grab/Temp well #24	5	X	X	X	X	X	X	VOCs: Lot# B020703
P11 GW26	1-22-91	1250		X		" "	P11GW26/Grab/Temp well #26	5	X	X	X	X	X	X	QC# B1219C
P11 GW29	1-22-91	1540		X		" "	P11GW29/Grab/Temp well #29	5	X	X	X	X	X	X	1/2 gal. Lot# X020 0013
															QC# X0827C
															1L poly: QC# 0889C
															Lot# 0304013
															VOA preserved w/ HCL
															1L Amber preserved w/ H_2SO_4
															Metals (poly) preserved w/ HNO_3

Relinquished By: (Signature)	Date/Time:	Received By: (Signature)	Relinquished By: (Signature)	Date/Time:	Received By: (Signature)	Ship Via:
						FEDERAL EXPRESS
Relinquished By: (Signature)	Date/Time:	Received By: (Signature)	Relinquished By: (Signature)	Date/Time:	Received By: (Signature)	BL/Airbill Number: 9747910340 — Date: 1-22-91
Relinquished By: (Signature) Keith Delhomme	Date/Time: 1-22-91	Received ~~For Laboratory By:~~ (Signature) Fed Ex	Relinquished By: (Signature) Fed Ex	Date/Time: 0900 1-23-91	Received For Laboratory By: (Signature) Brian Brown	

Distribution: Original Accompanies Shipment; Copy to Coordinator Field Files
*See CONCENTRATION RANGE on back of form.

JOB NUMBER : 9100.170

Ecology and Environment, Inc.
SAMPLE TRACKING REPORT

LAB SAMPLE ID	CLIENT SAMPLE ID	TEST CODE	DATE SAMPLED	DATE EXTRACTED	DATE ANALYZED
1551.01	P11-S019A	SPNPRGl	01/22/91		01/24/91
1551.02	P11-S019A	SPNTPHl	01/22/91		01/24/91
1551.03	P11-S019A	SPNMET1	01/22/91		01/24/91
		SPNP&P1	01/22/91		01/26/91
		SPNPAHl	01/22/91		02/06/91
		SPNPHLl	01/22/91		01/31/91
1552.01	P11-S019ADUP	SPNPRGl	01/22/91		01/24/91
1552.02	P11-S019ADUP	SPNTPHl	01/22/91		01/24/91
1552.03	P11-S019ADUP	SPNMET1	01/22/91		01/24/91
		SPNP&P1	01/22/91		01/26/91
		SPNPAH1	01/22/91		02/06/91
		SPNPHLl	01/22/91		01/31/91
1553.01	P11-S020A	SPNPRGl	01/22/91		01/24/91
1553.02	P11-S020A	SPNTPHl	01/22/91		01/28/91
1553.03	P11-S020A	SPNMET1	01/22/91		01/24/91
		SPNPhPl	01/22/91		01/26/91
		SPNPAHl	01/22/91		02/06/91
		SPNPHLl	01/22/91		01/31/91
1554.01	P11-S027A	SPNPRGl	01/22/91		01/24/91
1554.02	P11-S027A	SPNTPHl	01/22/91		01/28/91
1554.03	P11-S027A	SPNMET1	01/22/91		01/24/91
		SPNP&Pl	01/22/91		01/26/91
		SPNPAH1	01/22/91		02/06/91
		SPNPHLl	01/22/91		01/31/91
1555.01	P11-S028A	SPNPRGl	01/22/91		01/24/91
1555.02	P11-S028A	SPNTPH1	01/22/91		01/28/91
1555.03	P11-S028A	SPNMET1	01/22/91		01/24/91
		SPNPbPl	01/22/91		01/26/91
		SPNPAHl	01/22/91		02/06/91
		SPNPHLl	01/22/91		01/31/91
1556.01	P11-S030A	SPNPRGl	01/22/91		01/24/91
1556.02	P11-S030A	SPNTPHl	01/22/91		01/28/91
1556.03	P11-S030A	SPNMET1	01/22/91		01/24/91
		SPNP&P1	01/22/91		01/26/91
		SPNPAH1	01/22/91		02/06/91
		SPNPHL1	01/22/91		01/31/91
1557.01	P11-GW021	WPNPRG1	01/22/91		01/24/91
1557.03	P11-GW021	WPNP&P1	01/22/91		01/26/91
		WPNPAH1	01/22/91		01/29/91
		WPNPHL1	01/22/91		01/31/91
1557.04	P11-GW021	WPNTPH1	01/22/91		01/25/91
1557.05	P11-GW021	WPNMET1	01/22/91		01/24/91
1558.01	P11-GW023	WPNPRG1	01/22/91		01/24/91
1558.03	P11-GW023	WPNP&P1	01/22/91		01/26/91
		WPNPAH1	01/22/91		01/29/91
		WPNPHL1	01/22/91		01/31/91
1558.04	P11-GW023	WPNTPH1	01/22/91		01/25/91

JOB NUMBER : 9100.170

Ecology and Environment, Inc.
SAMPLE TRACKING REPORT

LAB SAHPLE ID	CLIENT SAMPLE ID	TEST CODE	DATE SAMPLED	DATE EXTRACTED	DATE ANALYZED
1558.05	P11-GW023	WPNMET1	01/22/91		01/24/91
1559.01	P11-GW024	WPNPRGl	01/22/91		01/24/91
1559.03	P11-GW024	WPNP&P1	01/22/91		01/26/91
		WPNPAH1	01/22/91		01/29/91
		WPNPHL1	01/22/91		01/31/91
1559.04	P11-GW024	WPNTPH1	01/22/91		01/25/91
1559.05	P11-GW024	WPNMET1	01/22/91		01/24/91
1560.01	P11-GW026	WPNPRGl	01/22/91		01/24/91
1560.03	P11-GW026	WPNP&P1	01/22/91		01/26/91
		WPNPAH1	01/22/91		01/29/91
		WPNPHL1	01/22/91		01/31/93
1560.04	P11-GW026	WPNTPH1	01/22/91		01/25/91
1560.05	P11-GW026	WPNMET1	01/22/91		01/24/91
1561.01	P11-GW029	WPNPRG1	01/22/91		01/24/91
1561.03	P11-GW029	WPNP&P1	01/22/91		01/26/91
		WPNPAH1	01/22/91		01/29/91
		WPNPHL1	01/22/91		01/31/91
1561.04	P11-GW029	WPNTPH1	01/22/91		01/25/91
1561.05	P11-GW029	WPNMET1	01/22/91		01/24/91

M E M O R A N D U M

TO: John Barksdale

FROM: Gary Hahn

DATE: February 20, 1991

SUBJECT: UH-6000 Pensacola Report

REF: 9100.163

CC: Lab File

Attached is the laboratory report of the analysis conducted on fourteen samples received at the Analytical Services Center on January 22, 1991. Analysis vas performed according to the screening procedures set forth in "Generic Quality Assurance Project Plan, Contamination Assessments and Remedial Activities, Naval Air Station Pensacola, Pensacola, Florida," July 1990.

All samples on which this report is based will be retained by E & E for a period of 30 days from the date of this report, unless othervise instructed by the client. If additional storage of samples is requested by the client, a storage fee of $1.00 per sample container per month will be charged for each sample, vith such charges accruing until destruction of the samples is authorized by the client.

GH: tms
enclosure

Sample Range IW [redacted] 1519

[redacted] and environment, inc.
[redacted] VIEW DRIVE, LANCASTER, NEW YORK 14086. TEL. 716/684 8060
International Specialists in the Environment

CHAIN-OF-CUSTODY RECORD

Page 1 of 1

Project No: UH 6020
Project Name: NASP PHASE I A-E
Project Manager: J. BARKSDALE
Samplers (Signatures): J Fugitt, Mike Clark
Field Team Leader: J. FUGITT

	STATION NUMBER	DATE 1991	TIME	SAMPLE TYPE COMP	GRAB	AIR	SAMPLE INFORMATION EXPECTED COMPOUNDS (Concentration)*	STATION LOCATION	NUMBER OF CONTAINERS	SCREENING PAHS	SCREENING PHENOLS	SCREENING PESTICIDES	SCREENING TOTAL PCBs	SCREENING METALS	SCREENING VOCs	REMARKS
P1	GW01D	1/20	1670		X		LDW	SITE 11, WELL 1	5	X	X	X	X	X	X	Water Samples:
	GW07	1/20	1715		X			SITE 11, WELL 7	5							1/2 Gal Amber Lot # X0115013
	B023A	1/21	0915	X				BORING 23	3							QC # X0413C
	B021A	1/21	1015	X				BORING 21	3							Poly Lot # 0304013
	B015A		1110	X				BORING 15								QC # 0889C
	B015B		1119	X				BORING 15								Liter Amber Lot # 9223013
	B022A		1145	X				BORING 22								QC # 3282C
	B026A		1512	X				BORING 26								VOA Lot # B9251043
	B029A		1537	X				BORING 29								QC # B886C
																Soil Samples
																VOAS Lot # B0214013
																QC # B1230C
																8oz Jars Lot # X0331013
																QC # X0942C

Relinquished By (Signature)	Date/Time	Received By (Signature)	Relinquished By (Signature)	Date/Time	Received By (Signature)	Ship Via
Linda R. Clark	1/21/91 1800	Fed Ex				FEDERAL EXPRESS
Relinquished By (Signature)	Date/Time	Received By (Signature)	Relinquished By (Signature)	Date/Time	Received By (Signature)	BL/Airbill Number: 5446724216
Fed Ex	1-22-91 9:30	Received For Laboratory By (Signature): [illegible]	Relinquished By (Signature)	Date/Time	Received For Laboratory By (Signature)	Date: 1/21/91

Distribution: Original Accompanies Shipment; Copy to Coordinator Field Files
*See CONCENTRATION RANGE on back of form.

234055

Job # 9100.165
Sample Range 1502 → 1519

Analyze all parameters according to site specific QAPP (See Earl Krzyewski)

ecology and environment, inc.
358 PLEASANTVIEW DRIVE, LANCASTER, NEW YORK 14086, TEL. 716/684 8060
International Specialists in the Environment

CHAIN OF CUSTODY RECORD

Project No: UH6024
Project Name: NASP Phase 1 A-E
Project Manager: John Barksdale
Sampler (Signature): Gerald Walker, K Pellegrino, M Hall, L. Fugett
Field Team Leader: Jerry Walker

	STATION NUMBER	DATE	TIME	SAMPLE TYPE COMP	GRAB	AIR	SAMPLE INFORMATION / EXPECTED COMPOUNDS (Concentration)*	STATION LOCATION	NUMBER OF CONTAINER	Surrogates PAHs	Surrogates Phenols + PCBs	Surrogates Pesticides	Surrogates VOCs	Surrogates metals	418.1	REMARKS
P11GW	012	1/20	1520		X		~~Very~~ High levels	11/ Well 012	5	X	X	X	X	X	X	VOC - preserved with HCl pH<2
P11GW	005	1/20	1530		X		med. levels	11/ Well 05	5	↓	↓	↓	↓	↓	↓	metals preserved with HNO_3 pH<2
P11GW	014	1/20	1600		X		" "	11/ Well 014	5	↓	↓	↓	↓	↓	↓	418.1 - preserved with H_2SO_4 pH<2
P11GW	008	1/20	1630		X		" "	11/ Well 08	5	↓	↓	↓	↓	↓	↓	
P11GW	001	1/20	1640		X		" "	11/ Well 01	5	↓	↓	↓	↓	↓	↓	1/2 gal amber : Lot # X011593
																poly amber : QC # X0413C
																poly : Lot # 0304013
																: QC # 0889C
																liter amber : Lot # 9223013
																: QC # 3282C
																VOA : Lot # B9251043
																: QC # B886C
																All samples packed in ICE

Relinquished By (Signature)	Date/Time	Received By (Signature)	Relinquished By (Signature)	Date/Time	Received By (Signature)	Ship Via
[signature]	1/21/91 1700	FedEx				Federal Express
Relinquished By: (Signature)	Date/Time	Received By (Signature)	Relinquished By (Signature)	Date/Time	Received By (Signature)	BL/Airbill Number: 9257993754
Relinquished By: (Signature) FedEx	Date/Time 0930 1-22-91	Received For Laboratory By (Signature) [signature]	Relinquished By (Signature)	Date/Time	Received For Laboratory By (Signature)	Date: 1/21/91

Distribution: Original Accompanies Shipment; Copy to Coordinator Field Files
*See CONCENTRATION RANGE on back of form.

234055

JOB NUMBER : 9100.163

Ecology and Environment, Inc.
SAMPLE TRACKING REPORT

LAB SAMPLE ID	CLIENT SAMPLE ID	TEST CODE	DATE SAMPLED	DATE EXTRACTED	DATE ANALYZED
1500.01	P11-GW001	WPNPRGl	01/20/91		01/29/91
1500.03	P11-GW001	WPNPdPl	01/20/91		01/24/91
		WPNPAH1	01/20/91		01/30/91
		WPNPHLl	01/20/91		01/29/91
1500.04	P11-GW001	WPNTPH1	01/20/91		01/24/91
1500.05	P11-GW001	WPNMET1	01/20/91		01/23/91
1501.01	P11-GW001D	WPNPRGl	01/20/91		01/29/91
1501.03	P11-GW001D	WPNP&P1	01/20/91		01/24/91
		WPNPAH1	01/20/91		01/30/91
		WPNPHLl	01/20/91		01/29/91
1501.04	P11-GW001D	WPNTPHl	01/20/91		01/24/91
1501.05	P11-GW001D	WPNHETl	01/20/91		01/23/91
1502.01	P11-GW005	WPNPRG1	01/20/91		01/29/91
1502.03	P11-GW005	WPNPdPl	01/20/91		01/24/91
		WPNPAHl	01/20/91		01/30/91
		WPNPHL1	01/20/91		01/29/91
1502.04	P11-GW005	WPNTPHl	01/20/91		01/24/91
1502.05	P11-GW005	WPNMET1	01/20/91		01/23/91
1503.01	P11-GW007	WPNPRGl	01/20/91		01/29/91
1503.03	P11-GW007	WPNP&P1	01/20/91		01/24/91
		WPNPAHl	01/20/91		01/30/91
		WPNPHLl	01/20/91		01/29/91
1503.04	P11-GW007	WPNTPHl	01/20/91		01/24/91
1503.05	P11-GW007	WPNHETl	01/20/91		01/23/91
1504.01	P11-GW008	WPNPRGl	01/20/91		01/29/91
1504.03	P11-GW008	WPNP&P1	01/20/91		01/24/91
		WPNPAHl	01/20/91		01/30/91
		WPNPHLl	01/20/91		01/29/91
1504.04	P11-GW008	WPNTPHl	01/20/91		01/24/91
1504.05	P11-GW008	WPNHETl	01/20/91		01/23/91
1505.01	P11-GW012	WPNPRGl	01/20/91		01/29/91
1505.03	P11-GW012	WPNPdPl	01/20/91		01/24/91
		WPNPAH1	01/20/91		01/30/91
		WPNPHLl	01/20/91		01/29/91
1505.04	P11-GW012	WPNTPH1	01/20/91		01/25/91
1505.05	P11-GW012	WPNHETl	01/20/91		01/23/91
1506.01	P11-GW014	WPNPRGl	01/20/91		01/29/91
1506.03	P11-GW014	WPNP&P1	01/20/91		01/24/91
		WPNPAHl	01/20/91		01/30/91
		WPNPHLl	01/20/91		01/29/91
1506.04	P11-GW014	WPNTPHl	01/20/91		01/25/91
1506.05	P11-GW014	WPNHETl	01/20/91		01/23/91
1507.01	P11-S015A	SPNPRG1	01/21/91		01/22/91
1507.02	P11-S015A	SPNTPH1	01/21/91		01/23/91
1507.03	P11-S015A	SPNMET1	01/21/91		01/23/91
		SPNP&P1	01/21/91		01/23/91
		SPNPAH1	01/21/91		01/30/91

JOB NUMBER : 9100.163

Ecology and Environment, Inc.
SAMPLE TRACKING REPORT .

LAB SAMPLE ID	CLIENT SAMPLE ID	TEST CODE	DATE SAMPLED	DATE EXTRACTED	DATE ANALYZED
1507.03	P11-S015A	SPNPHLl	01/21/91		01/29/91
1508.01	P11-S015B	SPNPRGl	01/21/91		01/22/91
1508.02	P11-S015B	SPNTPH1	01/21/91		01/23/91
1508.03	P11-S015B	SPNMET1	01/21/91		01/23/91
		SPNP&P1	01/21/91		01/23/91
		SPNPAHl	01/21/91		01/30/91
		SPNPHLl	01/21/91		01/29/91
1509.01	P11-S021A	SPNPRGl	01/21/91		01/22/91
1509.02	P11-S021A	SPNTPH1	01/21/91		01/23/91
1509.03	P11-S021A	SPNMET1	01/21/91		01/23/91
		SPNP&P1	01/21/91		01/23/91
		SPNPAH1	01/21/91		01/30/91
		SPNPHLl	01/21/91		01/29/91
1510.01	P11-S022A	SPNPRGl	01/21/91		01/22/91
1510.02	P11-S022A	SPNTPH1	01/21/91		01/23/91
1510.03	P11-S022A	SPNHETl	01/21/91		01/23/91
		SPNP&P1	01/21/91		01/23/91
		SPNPAHl	01/21/91		01/30/91
		SPNPHLl	01/21/91		01/29/91
1511.01	P11-S023A	SPNPRGl	01/21/91		01/22/91
1511.02	P11-S023A	SPNTPHl	01/21/91		01/23/91
1511.03	P11-S023A	SPNMET1	01/21/91		01/23/91
		SPNP&P1	01/21/91		01/23/91
		SPNPAH1	01/21/91		01/30/91
		SPNPHLl	01/21/91		01/29/91
1512.01	P11-S026A	SPNPRGl	01/21/91		01/22/91
1512.02	P11-S026A	SPNTPHl	01/21/91		01/23/91
1512.03	P11-S026A	SPNHETl	01/21/91		01/23/91
		SPNP&P1	01/21/91		01/23/91
		SPNPAH1	01/21/91		01/30/91
		SPNPHL1	01/21/91		01/29/91
1513.01	P11-S029A	SPNPRG1	01/21/91		01/22/91
1513.02	P11-S029A	SPNTPH1	01/21/91		01/23/91
1513.03	P11-S029A	SPNHETl	01/21/91		01/23/91
		SPNP&P1	01/21/91		01/23/91
		SPNPAHl	01/21/91		01/30/91
		SPNPHL1	01/21/91		01/29/91

JOB NUMBER :9100.163

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
SAMPLE ID LAB :EE-91-01500 MATRIX: WATER
SAMPLE ID CLIENT: P11-GW001

PARAMETER	RESULTS	Q	DET. LIMIT	UNITS
Arsenic	ND		69	UG/L
Chromium	160		10	UG/L
Zinc	69		20	UG/L
Lead	ND		40	UG/L
Cadmium	8.3		5.0	UG/L
Nickel	ND		40	UG/L
Copper	ND		25	UG/L
Silver	ND		10	UG/L

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

JOB NUMBER :9100.163

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PEASE I GROUPS A-E
SAMPLE ID LAB :EE-91-01501 MATRIX: WATER
SAMPLE ID CLIENT: P11-GW001D

PARAMETER	RESULTS	Q	DET. LIMIT	UNITS
Arsenic	ND		69	UG/L
Chromium	140		10	UG/L
Zinc	56		20	UG/L
Lead	ND		40	UG/L
Cadmium	ND		5.0	UG/L
Nickcl	ND		40	UG/L
Copper	ND		25	UG/L
Silver	ND		10	UG/L

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

JOB NUMBER :9100.163

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
SAMPLE ID LAB :EE-91-01502 MATRIX: WATER
SAMPLE ID CLIENT: P11-GW005

PARAMETER	RESULTS	Q	DET. LIMIT	UNITS
Arsenic	ND		69	UG/L
Chromium	1100		10	UG/L
Zinc	22000		20	UG/L
Lead	9900		40	UG/L
Cadmium	800		5.0	UG/L
Nickel	210		40	UG/L
Copper	2700		25	UG/L
Silver	180		10	UG/L

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

JOB NUMBER :9100.163

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
SAMPLE ID LAB :EE-91-01503 MATRIX: WATER
SAMPLE ID CLIENT: P11-GW007

PARAMETER	RESULTS	Q	DET. LIMIT	UNITS
Arsenic	ND		69	UG/L
Chromium	760		10	UG/L
Zinc	390		20	UG/L
Lead	370		40	UG/L
Cadmium	74		5.0	UG/L
Nickel	43		40	UG/L
Copper	89		25	UG/L
Silver	ND		10	UG/L

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

JOB NUHBER :9100.163

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
SAMPLE ID LAB :EE-91-01504 MATRIX: WATER
SAMPLE ID CLIENT: P11-GW008

PARAMETER	RESULTS	Q	DET. LIMIT	UNITS
Arsenic	ND		69	UG/L
Chromium	2600		10	UG/L
Zinc	20000		20	UG/L
Lead	15000		40	UG/L
Cadmium	790		5.0	UG/L
Nickel	370		40	UG/L
Copper	6700		25	UG/L
Silver	140		10	UG/L

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

JOB NUMBER :9100.163

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
SAMPLE ID LAB :EE-91-01505 MATRIX: WATER
SAMPLE ID CLIENT: P11-GW012

PARAMETER	RESULTS	Q	DET. LIMIT	UNITS
Arsenic	ND		69	UG/L
Chromium	77		10	UG/L
Zinc	1500		20	UG/L
Lead	2700		40	UG/L
Cadmium	62		5.0	UG/L
Nickel	90		40	UG/L
Copper	280		25	UG/L
Silver	17		10	UG/L

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

JOB NUMBER :9100.163

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
SAMPLE ID LAB :EE-91-01506 MATRIX: WATER
SAMPLE ID CLIENT: P11-GW014

PARAMETER	RESULTS	Q	DET. LIMIT	UNITS
Arsenic	ND		69	UG/L
Chromium	96		10	UG/L
Zinc	1100		20	UG/L
Lead	590		40	UG/L
Cadmium	28		5.0	UG/L
Nickel	ND		40	UG/L
Copper	170		25	UG/L
Silver	22		10	UG/L

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

JOB NUMBER :9100.170

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
SAHPLB ID LAB :EE-91-01557 MATRIX: WATER
SAHPLB ID CLIENT: P11-GW021

PARAMETER	RESULTS	Q	DET. LIMIT	UNITS
Arsenic	ND		69	UG/L
Chromium	29		10	UG/L
Zinc	1600		20	UG/L
Lead	1900		40	UG/L
Cadmium	39		5.0	UG/L
Nickel	ND		40	UG/L
Copper	380		25	UG/L
Silver	ND		10	UG/L

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

JOB NUMBER :9100.170

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
SAMPLE ID LAB :EE-91-01558 MATRIX: WATER
SAMPLE ID CLIENT: P11-GW023

PARAMETER	RESULTS	Q	DET. LIMIT	UNITS
Arsenic	610		69	UG/L
Chromium	150		10	UG/L
Zinc	19000		20	UG/L
Lead	22000		40	UG/L
Cadmium	280		5.0	UG/L
Nickel	200		40	UG/L
Copper	3300		25	UG/L
Silver	ND		10	UG/L

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

JOB NUMBER :9100.170

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
SAMPLE ID LAB :EE-91-01559 MATRIX: WATER
SAMPLE ID CLIENT: P11-GW024

PARAMETER	RESULTS	Q	DET. LIMIT	UNITS
Arsenic	ND		69	UG/L
Chromium	31		10	UG/L
Zinc	6300		20	UG/L
Lead	1300		40	UG/L
Cadmium	70		5.0	UG/L
Nickel	31		40	UG/L
Copper	250		25	UG/L
Silver	ND		10	UG/L

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

JOB NUMBER :9100.170

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PEASE I GROUPS A-E
SAMPLE ID LAB :EE-91-01560 MATRIX: WATER
SAMPLE ID CLIENT: P11-GW026

PARAMETER	RESULTS	Q	DET. LIMIT	UNITS
Arsenic	ND		69	UG/L
Chromium	1000		10	UG/L
Zinc	9400		20	UG/L
Lead	9900		40	UG/L
Cadmium	600		5.0	UG/L
Nickel	140		40	UG/L
Copper	5600		25	UG/L
Silver	14		10	UG/L

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

JOB NUMBER :9100.170

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
SAHPLE ID LAB :EE-91-01561 MATRIX: WATER
SAHPLE ID CLIENT: P11-GW029

PARAMETER	RESULTS	Q	DET. LIMIT	UNITS
Arsenic	ND		69	UG/L
Chromium	560		10	UG/L
Zinc	70		20	UG/L
Lead	160		40	UG/L
Cadmium	7.3		5.0	UG/L
Nickel	ND		40	UG/L
Copper	28		25	UG/L
Silver	ND		10	UG/L

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

QUALITY CONTROL FOR PRECISION
RESULTS OF ANALYSIS OF REPLICATE
ANALYSES OF WATER SAMPLES

9100.163

(ug/L)

Parameter	E & E Laboratory No. 91-01506	Original Analysis	Replicate Analysis	Relative Percent Difference (RPD)
Arsenic		ND	ND	--
Chromium		96	38	86
Zinc		1100	1100	0
Lead		590	550	7.0
Cadmium		28	24	15
Nickel		ND	ND	--
Copper		170	160	6.1
Silver		22	20	9.5

QUALITY CONTROL FOR ACCURACY: PERCENT RECOVERY
FOR SPIKED VATER SAMPLES

9100.163

(ug/L)

Parameter	E & E Laboratory No. 91-01506	Original Value	Amount Added	Amount Determined	Percent Recovery
Arsenic		ND	2000	2200	110
Chromium		96	200	250	77
Zinc		1100	500	1600	100
Lead		590	500	1000	82
Cadmium		28	50	79	102
Nickel		ND	500	490	98
Copper		170	250	420	100
Silver		22	50	68	92

QUALITY CONTROL FOR PRECISION
RESULTS OF ANALYSIS OF REPLICATE
ANALYSES OF WATER SAMPLES

9100.170

(ug/L)

Parameter	E & E Laboratory No. 91-01561	Original Analysis	Replicate Analysis	Relative Percent Difference (RPD)
Arsenic		ND	ND	--
Chromium		560	570	1.8
Zinc		70	68	2.9
Lead		160	120	28
Cadmium		7.3	7.9	7.9
Nickel		ND	ND	--
Copper		28	32	13
Silver		ND	ND	--

QUALITY CONTROL FOR ACCURACY: PERCENT RECOVERY
FOR SPIKED WATER SAMPLES

9100.170

(ug/L)

Parameter	E & E Laboratory No. 91-01561	Original Value	Amount Added	Amount Determined	Percent Recovery
Arsenic		ND	2000	1900	95
Chromium		560	200	820	130
Zinc		70	500	480	82
Lead		160	500	590	86
Cadmium		7.3	50	49	83
Nickel		ND	500	380	76
Copper		28	250	250	89
Silver		ND	50	42	84

JOB NUMBER :9100.163

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
SAMPLE ID LAB :METHOD BLANK MATRIX: WATER

PARAMETER	RESULTS	Q	DET. LIMIT	UNITS
Arsenic	ND		69	UG/L
Chromium	ND		10	UG/L
Zinc	ND		20	UG/L
Lead	ND		40	UG/L
Cadmium	ND		5.0	UG/L
Nickel	ND		40	UG/L
Copper	ND		25	UG/L
Silver	ND		10	UG/L

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

JOB NUMBER :9100.170

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
SAMPLE ID LAB :METHOD BLANK MATRIX: WATER

PARAMETER	RESULTS	Q	DET. LIMIT	UNITS
Arsenic	ND		69	UG/L
Chromium	ND		10	UG/L
Zinc	ND		20	UG/L
Lead	ND		40	UG/L
Cadmium	ND		5.0	UG/L
Nickel	ND		40	UG/L
Copper	ND		25	UG/L
Silver	ND		10	UG/L

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

TEST CODE :WPNTPH1 JOB NUMBER :9100.163

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
TEST NAME : PNC TRPH UNITS : MG/L
PARAMETER : TRPH

SAMPLE ID	RESULTS	Q	DET. LIMIT
EE-91-01500			
P11-GW001	ND		1.0
EE-91-01501			
P11-GW001D	ND		1.0
EE-91-01502			
P11-GW005	2.1		1.0
EE-91-01503			
P11-GW007	ND		1.0
EE-91-01504			
P11-GW008	3.2		1.0
EE-91-01505			
P11-GW012	500		1.0
EE-91-01506			
P11-GW014	4.4		1.0

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT
NA = NOT APPLICABLE

TEST CODE :WPNTPH1 JOB NUMBER :9100.170

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
TEST NAHE : PNC TRPE UNITS : MG/L
PARAMETER : TRPE

SAMPLE ID	RESULTS	Q	DET. LIMIT
EE-91-01557 P11-GW021	190		1.0
EE-91-01558 P11-GW023	560		1.0
EE-91-01559 P11-GW024	46		1.0
EE-91-01560 P11-GW026	37		1.0
EE-91-01561 P11-GW029	ND		1.0
METHOD BLANK	ND		1.0

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT
NA = NOT APPLICABLE

TEST CODE :WPNTPH1 JOB NUHBER :9100.163

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
TEST NAME : PNC TRPH UNITS : MG/L
PARAMETER : TRPH

SAMPLE ID	RESULTS	Q	DET. LIMIT
METHOD BLANK	ND		1.0

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIHIT
NA = NOT APPLICABLE

TEST CODE :WPNPRG1 JOB NUMBER :9100.163

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
TEST NAHE : PNC PURGABLES- GC UNITS : UG/L
SAHPLE ID LAB : EE-91-01500 MATRIX: WATER
SAMPLE ID CLIENT: P11-GW001

PARAMETER	RESULTS	Q	DET. LIMIT
Benzene	ND		lo
Toluene	ND		10
Ethylbenzene	ND		10
Total Xylenes	ND		10
1,2 - Dichlorobenzene	ND		10
1,3 - Dichlorobenzene	ND		10
1,4 - Dichlorobenzene	ND		10
1,1 - Dichloroethene	ND		10
Methylene Chloride	ND		10
Trans - 1,2 - Dichloroethene	ND		10
1,1 - Dichloroethane	ND		10
1,1,1 - Trichloroethane	ND		10
1,2 - Dichloroethane	ND		10
Trichloroethene	ND		10
Tetrachloroethene	ND		10

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

TEST CODE :WPNPRG1 JOB NUMBER r9100.163

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
TEST NAME : PNC PURGABLES- GC UNITS : UG/L
SAMPLE ID LAB : EE-91-01501 MATRIX: WATER
SAMPLE ID CLIENT: P11-GW001D

PARAMETER	RESULTS	Q	DET. LIMIT
Benzene	ND		10
Toluene	ND		10
Ethylbenzene	ND		10
Total Xylenes	ND		10
1,2 - Dichlorobenzene	ND		10
1,3 - Dichlorobenzene	ND		10
1,4 - Dichlorobenzene	ND		10
1,1 - Dichloroethene	ND		10
Methylene Chloride	ND		10
Trans - 1,2 - Dichloroethene	ND		10
1,1 - Dichloroethane	ND		10
1,1,1 - Trichloroethane	ND		10
1,2 - Dichloroethane	ND		10
Trichloroethene	ND		10
Tetrachloroethene	ND		10

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

TEST CODE :WPNPRG1 JOB NUMBER :9100.163

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PEASE I GROUPS A-E
TEST NAHB : PNC PURGABLES- GC UNITS : UG/L
SAMPLE ID LAB : EE-91-01502 MATRIX: WATER
SAMPLE ID CLIENT: P11-GW005

PARAMETER	RESULTS	Q	DET. LIMIT
Benzene	ND		lo
Toluene	ND		10
Ethylbenzene	ND		10
Total Xylenes	ND		10
1,2 - Dichlorobenzene	ND		10
1,3 - Dichlorobenzene	ND		10
1,4 - Dichlorobenzene	ND		10
1,1 - Dichloroethcne	ND		10
Methylene Chloride	ND		10
Trans - 1,2 - Dichloroethene	ND		10
1,1 - Dichloroethane	ND		10
1,1,1 - Trichloroethane	ND		10
1,2 - Dichloroethane	ND		10
Trichloroethene	ND		10
Tetrachloroethene	ND		10

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

TEST CODE :WPNPRG1 JOB NUMBER :9100.163

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PRASE I GROUPS A-E
TEST NAME : PNC PURGABLES- GC UNITS : UG/L
SAMPLE ID LAB : EE-91-01503 MATRIX: WATER
SAMPLE ID CLIENT: P11-GW007

PARAMETER	RESULTS	Q	DET. LIMIT
Benzene	ND		lo
Toluene	ND		10
Ethylbenzene	ND		10
Total Xylenes	ND		10
1,2 - Dichlorobenzene	ND		10
1,3 - Dichlorobenzene	ND		10
1,4 - Dichlorobenzene	ND		10
1,1 - Dichloroethene	ND		10
Methylene Chloride	ND		10
Trans - 1,2 - Dichloroethene	ND		10
1,1 - Dichloroethane	ND		10
1,1,1 - Trichloroethane	ND		10
1,2 - Dichloroethane	ND		10
Trichloroethene	31		10
Tetrachloroethene	ND		10

QUALIFIERS: C = COHMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

TEST CODE :WPNPRG1 JOB NUMBER :9100.163

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
TEST NAME : PNC PURGABLES- GC UNITS : UG/L
SAHPLE ID LAB : EE-91-01504 MATRIX: WATER
SAMPLE ID CLIENT: P11-GW008

PARAMETER	RESULTS	Q	DET. LIMIT
Benzene	ND		lo
Toluene	ND		10
Ethylbenzene	ND		10
Total Xylenes	ND		10
1,2 - Dichlorobenzene	ND		10
1,3 - Dichlorobenzene	ND		10
1,4 - Dichlorobenzene	ND		10
1,1 - Dichloroethene	ND		10
Methylene Chloride	ND		10
Trans - 1,2 - Dichloroethene	ND		10
1,1 - Dichloroethane	ND		10
1,1,1 - Trichloroethane	ND		10
1,2 - Dichloroethane	ND		10
Trichloroethene	ND		10
Tetrachloroethene	ND		10

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

TEST CODE :WPNPRG1 JOB NUMBER :9100.163

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
TEST NAME : PNC PURGABLES- GC UNITS : UG/L
SAMPLE ID LAB : EE-91-01505 MATRIX: WATER
SAMPLE ID CLIENT: P11-GW012

PARAMETER	RESULTS	Q	DET. LIMIT
Benzene	IUD		lo
Toluene	ND		10
Ethylbenzene	ND		10
Total Xylenes	12		10
1,2 - Dichlorobenzene	ND		10
1,3 - Dichlorobenzene	ND		10
1,4 - Dichlorobenzene	ND		10
1,1 - Dichloroethene	ND		10
Methylene Chloride	ND		10
Trans - 1,2 - Dichloroethene	ND		10
1,1 - Dichloroethane	ND		10
1,1,1 - Trichloroethane	ND		10
1,2 - Dichloroethane	ND		10
Trichloroethene	ND		10
Tetrachloroethene	ND		10

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

TEST CODE :WPNPRG1 JOB NUMBER :9100.163

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
TEST NMB : PNC PURGABLES- GC UNITS : UG/L
SMPLE ID LAB : EE-91-01506 MATRIX: WATER
SAMPLE ID CLIENT: P11-GW014

PARAMETER	RESULTS	Q	DET. LIMIT
Benzene	ND		lo
Toluene	ND		10
Ethylbenzene	ND		10
Total Xylenes	ND		10
1,2 - Dichlorobenzene	ND		10
1,3 - Dichlorobenzene	ND		10
1,4 - Dichlorobenzene	ND		10
1,1 - Dichloroethene	ND		10
Methylene Chloride	ND		10
Trans - 1,2 - Dichloroethene	ND		10
1,1 - Dichloroethane	ND		10
1,1,1 - Trichloroethane	ND		10
1,2 - Dichloroethane	ND		10
Trichloroethene	ND		10
Tetrachloroathene	ND		10

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

TEST CODE :WPNPRG1 JOB NUMBER :9100.170

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
TEST NAME : PNC PURGABLES- GC UNITS : UG/L
SAMPLE ID LAB : EE-91-01557 MATRIX: WATER
SAMPLE ID CLIENT: P11-GW021

PARAMETER	RESULTS	Q	DET. LIMIT
Benzene	ND		lo
Toluene	ND		10
Ethylbenzene	ND		10
Total Xylenes	ND		10
1,2 - Dichlorobenzene	ND		10
1,3 - Dichlorobenzene	ND		10
1,4 - Dichlorobenzene	ND		10
1,1 - Dichloroethene	ND		10
Methylene Chloride	ND		10
Trans - 1,2 - Dichloroethene	ND		10
1,1 - Dichloroethane	ND		10
1,1,1 - Trichloroethane	ND		10
1,2 - Dichloroethane	ND		10
Trichloroethene	ND		10
Tetrachloroethene	ND		10

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

TEST CODE :WPNPRG1 JOB NUMBER :9100.170

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
TEST NAHE : PNC PURGABLES- GC UNITS : UG/L
SAHPLE ID LAB : EE-91-01558 MATRIX : WATER
SAMPLE ID CLIENT: P11-GW023

PARAMETER	RESULTS	Q	DET. LIMIT
Benzene	11		lo
Toluene	11		10
Ethylbenzene	ND		10
Total Xylenes	35		10
1,2 - Dichlorobenzene	ND		10
1,3 - Dichlorobenzene	ND		10
1,4 - Dichlorobenzene	ND		10
1,1 - Dichloroethenc	ND		10
Methylene Chloride	ND		10
Trans - 1,2 - Dichloroethenc	ND		10
1,1 - Dichloroethane	ND		10
1,1,1 - Trichloroethane	ND		10
1,2 - Dichloroethane	ND		10
Trichloroethene	ND		10
Tetrachloroethene	ND		10

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

TEST CODE :WPNPRG1 JOB NUMBER :9100.170

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
TEST NAME : PNC PURGABLES- GC UNITS : UG/L
SAMPLE ID LAB : EE-91-01559 MATRIX: WATER
SAMPLE ID CLIENT: P11-GW024

PARAMETER	RESULTS	Q	DET. LIMIT
Benzene	ND		10
Toluene	ND		10
Ethylbenzene	ND		10
Total Xylenes	ND		10
1,2 - Dichlorobenzene	ND		10
1,3 - Dichlorobenzene	ND		10
1,4 - Dichlorobenzene	ND		10
1,1 - Dichloroethene	ND		10
Methylene Chloride	ND		10
Trans - 1,2 - Dichloroethene	ND		10
1,1 - Dichloroethane	ND		10
1,1,1 - Trichloroethane	ND		10
1,2 - Dichloroethane	ND		10
Trichloroethene	ND		10
Tetrachloroethene	ND		10

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

TEST CODE :WPNPRG1 JOB NUMBER :9100.170

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
TEST NAHE : PNC PURGABLBS- GC UNITS : UG/L
SAHPLE ID LAB : EE-91-01560 MATRIX : WATER
SAHPLE ID CLIENT: P11-GW026

PARAMETER	RESULTS	Q	DET. LIMIT
Benzene	ND		10
Toluene	ND		10
Ethylbenzene	ND		10
Total Xylenes	ND		10
1,2 - Dichlorobenzene	ND		10
1,3 - Dichlorobenzene	ND		10
1,4 - Dichlorobenzene	ND		10
1,1 - Dichloroethene	ND		10
Hethylene Chloride	ND		10
Trans - 1,2 - Dichloroethene	ND		10
1,1 - Dichloroethane	ND		10
1,1,1 - Trichloroethane	ND		10
1,2 - Dichloroethane	ND		10
Trichloroethene	ND		10
Tetrachloroethene	ND		10

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

TEST CODE :WPNPRG1 JOB NUMBER :9100.170

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
TEST NAME : PNC PURGABLES- GC UNITS : UG/L
SAMPLE ID LAB : EE-91-01561 MATRIX: WATER
SAMPLE ID CLIENT: P11-GW029

PARAMETER	RESULTS	Q	DET. LIMIT
Benzene	ND		lo
Toluene	ND		10
Ethylbenzene	ND		10
Total Xylenes	ND		10
1,2 - Dichlorobenzene	ND		10
1,3 - Dichlorobenzene	ND		10
1,4 - Dichlorobenzene	ND		10
1,1 - Dichloroethene	ND		10
Methylene Chloride	ND		10
Trans - 1,2 - Dichloroethene	ND		10
1,1 - Dichloroethane	ND		10
1,1,1 - Trichloroethane	ND		10
1,2 - Dichloroethane	ND		10
Trichloroethene	ND		10
Tetrachloroethene	ND		10

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

TEST CODE :WPNPRG1 JOB NUMBER :9100.163

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
TEST NAHE : PNC PURGABLES- GC UNITS : UG/L
SAMPLE ID LAB : METHOD BLANK MATRIX: VATER

PARAMETER	RESULTS	Q	DET. LIMIT
Benzene	ND		lo
Toluene	ND		10
Ethylbenzene	ND		10
Total Xylenes	ND		10
1,2 - Dichlorobenzene	ND		10
1,3 - Dichlorobenzene	ND		10
1,4 - Dichlorobenzene	ND		10
1,1 - Dichlorocthenc	ND		10
Methylene Chloride	ND		10
Trans - 1,2 - Dichloroethene	ND		10
1,1 - Dichloroethane	ND		10
1,1,1 - Trichloroethane	ND		10
1,2 - Dichloroethanc	ND		10
Trichloroethcne	ND		10
Tetrachloroethene	ND		10

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

TEST CODE :WPNPRG1 JOB NUMBER :9100.170

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
TEST NAME : PNC PURGABLES- GC UNITS : UG/L
SAMPLE ID LAB : METHOD BLANK MATRIX: WATER

PARAMETER	RESULTS	Q	DET. LIMIT
Benzene	ND		lo
Toluene	ND		10
Ethylbenzene	ND		10
Total Xylenes	ND		10
1,2 - Dichlorobenzene	ND		10
1,3 - Dichlorobenzene	ND		10
1,4 - Dichlorobenzene	ND		10
1,1 - Dichloroethene	ND		10
Methylene Chloride	ND		10
Trans - 1,2 - Dichloroethene	ND		10
1,1 - Dichloroethane	ND		10
1,1,1 - Trichloroethane	ND		10
1,2 - Dichloroethane	ND		10
Trichloroethene	ND		10
Tetrachloroethene	ND		10

QUALIFIERS: C = COMMENT ND = NOT DETECTED
3 = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

TEST CODE :WPNPAH1 JOB NUMBER :9100.163

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PEASE I GROUPS A-E
TEST NAME : PNC PAR - LC UNITS : UG/L
SAMPLE ID LAB : EE-91-01500 MATRIX : WATER
SAMPLE ID CLIENT: P11-GW001

PARAMETER	RESULTS	Q	DET. LIMIT
Total as Benzo-a-pyrene	ND	-	100

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

TEST CODE :WPNPAH1 JOB NUMBER :9100.163

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
TEST NAME : PNC PAH - LC UNITS : UG/L
SAMPLE ID LAB : EE-91-01501 MATRIX: WATER
SAMPLE ID CLIENT: P11-GW001D

PARAMETER	RESULTS	Q	DET. LIMIT
Total as Benzo-a-pyrene	ND		100

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

TEST CODE : WPNPAH1 JOB NUMBER : 9100.163

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
TEST NAME : PNC PAR - LC UNITS : UG/L
SAHPLE ID LAB : EE-91-01502 MATRIX: WATER
SAMPLE ID CLIENT: P11-GW005

PARAMETER	RESULTS	Q	DET. LIMIT
Total as Benzo-a-pyrene	ND	-	100

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

TEST CODE :WPNPAH1 JOB NUMBER :9100.163

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
TEST NAME : PNC PAH - LC UNITS : UG/L
SAMPLE ID LAB : EE-91-01503 MATRIX : WATER
SAMPLE ID CLIENT: P11-GW007

PARAMETER	RESULTS	Q	DET. LIMIT
Total as Benzo-a-pyrene	ND		100

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

TEST CODE :WPNPAH1 JOB NUMBER :9100.163

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PEASE I GROUPS A-E
TEST NAME : PNC PAH - LC UNITS : UG/L
SAMPLE ID LAB : EE-91-01504 MATRIX: WATER
SAMPLE ID CLIENT: P11-GW008

PARAMETER	RESULTS	Q	DET. LIMIT
Total as Benzo-a-pyrene	ND		100

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOV STATED DETECTION LIMIT

TEST CODE :WPNPAH1 JOB NUMBER :9100.163

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
TEST NAME : PNC PAH - LC UNITS : UG/L
SAMPLE ID LAB : EE-91-01505 MATRIX : WATER
SAMPLE ID CLIENT: P11-GW012

PARAMETER	RESULTS	Q	DET. LIMIT
Total as Benzo-a-pyrene	150		100

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

TEST CODE :WPNPAH1 JOB NUMBER :9100.163

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PEASE I GROUPS A-E
TEST NAME : PNC PAH - LC UNITS : UG/L
SAMPLE ID LAB : EE-91-01506 MATRIX: WATER
SAMPLE ID CLIENT: P11-GW014

PARAMETER	RESULTS	Q	DET. LIMIT
Total as Benzo-a-pyrene	PRESENT	L	100

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOV STATED DETECTION LIMIT

TEST CODE :WPNPAH1 JOB NUMBER :9100.170

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
TEST NAME : PNC PAH - LC UNITS : UG/L
SAMPLE ID LAB : EE-91-01557 MATRIX: WATER
SAMPLE ID CLIENT: P11-GW021

PARAMETER	RESULTS	Q	DET. LIMIT
Total as Benzo-a-pyrene	PRESENT	L	100

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

TEST CODE :WPNPAH1 JOB NUMBER :9100.170

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
TEST NAME : PNC PAH - LC UNITS : UG/L
SAMPLE ID LAB : EE-91-01558 MATRIX: VATER
SAMPLE ID CLIENT: P11-GW023

PARAMETER	RESULTS	Q	DET. LIMIT
Total as Benzo-a-pyrene	ND		100

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

TEST CODE :WPNPAH1 JOB NUMBER :9100.170

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
TEST NAME : PNC PAH - LC UNITS : UG/L
SAMPLE ID LAB : EE-91-01559 MATRIX: WATER
SAMPLE ID CLIENT: P11-GW024

PARAMETER	RESULTS	Q	DET. LIMIT
Total as Benzo-a-pyrene	PRESENT	L	100

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

TEST CODE :WPNPAH1 JOB NUMBER :9100.170

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PEASE I GROUPS A-8
TEST NAME : PNC PAH - LC UNITS : UG/L
SAMPLE ID LAB : EE-91-01560 MATRIX: VATER
SAMPLE ID CLIENT: P11-GW026

PARAMETER	RESULTS	Q	DET. LIMIT
Total as Benzo-a-pyrene	PRESENT	L	100

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = *ALSO* PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

TEST CODE :WPNPAH1 JOB NUMBER :9100.170

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
TEST NAME : PNC PAH - LC UNITS : UG/L
SAMPLE ID LAB : EE-91-01561 MATRIX: WATER
SAMPLE ID CLIENT: P11-GW029

PARAMETER	RESULTS	Q	DET. LIMIT
Total as Benzo-a-pyrene	ND		100

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIHATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

TEST CODE :WPNPHL1 JOB NUMBER :9100.163

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
TEST NAHE : PNC PHENOL - LC UNITS : UG/L
SAMPLE ID LAB : EE-91-01500 MATRIX: VATER
SAHPLE ID CLIENT: P11-GW001

PARAMETER	RESULTS	Q	DET. LIMIT
Total as Trichlorophenol	ND		100

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

TEST CODE :WPNPHL1 JOB NUMBER :9100.163

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
TEST NAME : PNC PHENOL - LC UNITS : UG/L
SAMPLE ID LAB : EE-91-01501 MATRIX: WATER
SAMPLE ID CLIENT: P11-GW001D

PARAMETER	RESULTS	Q	DET. LIMIT
Total as Trichlorophenol	ND		100

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIHIT

TEST CODE :WPNPHL1 JOB NUMBER :9100.163

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PEASE I GROUPS A-E
TEST NAME : PNC PHENOL - LC UNITS : UG/L
SAMPLE ID LAB : EE-91-01502 MATRIX: VATER
SAMPLE ID CLIENT: P11-GW005

PARAMETER	RESULTS	Q	DET. LIMIT
Total as Trichlorophenol	ND		100

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIHIT

TEST CODE :WPNPHL1 JOB NUMBER :9100.163

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
TEST NAME : PNC PHENOL - LC UNITS : UG/L
SAMPLE ID LAB : EE-91-01503 MATRIX: WATER
SAMPLE ID CLIENT: P11-GW007

PARAMETER	RESULTS	Q	DET. LIMIT
Total as Trichlorophenol	520		100

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

TEST CODE :WPNPHL1 JOB NUMBER :9100.163

Ecology and Environment, Inc.
Analytical Services Center

CLIENT, : UH-6000 NASP PEASE I GROUPS A-E
TEST NAME : PNC PHENOL - LC UNITS : UG/L
SAMPLE ID LAB : EE-91-01504 MATRIX : WATER
SAMPLE ID CLIENT: P11-GW008

PARAMETER	RESULTS	Q	DET. LIMIT
Total as Trichlorophenol	ND		100

QUALIFIERS: C = COHHENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

TEST CODE :WPNPHL1 JOB NUMBER :9100.163

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
TEST NAME : PNC PBENOL - LC UNITS : UG/L
SAMPLE ID LAB : EE-91-01505 MATRIX: WATER
SAMPLE ID CLIENT: P11-GW012

PARAMETER	RESULTS	Q	DET. LIHIT
Total as Trichlorophenol	220		100

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIHIT

TEST CODE :WPNPHL1 JOB NUMBER :9100.163

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PEASE I GROUPS A-E
TEST NAME : PNC PHENOL - LC UNITS : UG/L
SAMPLE ID LAB : EE-91-01506 MATRIX: WATER
SAMPLE ID CLIENT: P11-GW014

PARAMETER	RESULTS	Q	DET. LIMIT
Total as Trichlorophenol	340		100

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

TEST CODE :WPNPHL1 JOB NUMBER :9100.170

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
TEST NAME : PNC PHENOL - LC UNITS : UG/L
SAMPLE ID LAB : EE-91-01557 MATRIX: WATER
SAMPLE ID CLIENT: P11-GW021

PARAMETER	RESULTS	Q	DET. LIMIT
Total as Trichlorophenol	ND		100

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

TEST CODE :WPNPHL1 JOB NUMBER :9100.170

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PEASE I GROUPS A-E
TEST NAME : PNC PHENOL - LC UNITS : UG/L
SAMPLE ID LAB : EE-91-01558 MATRIX: WATER
SAMPLE ID CLIENT: P11-GW023

PARAMETER	RESULTS	Q	DET. LIMIT
Total as Trichlorophenol	ND		100

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOV STATED DETECTION LIMIT

TEST CODE :WPNPHL1 JOB NUMBER :9100.170

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
TEST NAME : PNC PEIENOL - LC UNITS : UG/L
SAMPLE ID LAB : EE-91-01559 MATRIX: WATER
SAMPLE ID CLIENT: P11-GW024

PARAMETER	RESULTS	Q	DET. LIMIT
Total as Trichlorophenol	ND		100

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

TEST CODE :WPNPHL1 JOB NUMBER :9100.170

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PEASE I GROUPS A-E
TEST NAME : PNC PEBNOL - LC UNITS : UG/L
SAHPLE ID LAB : BE-91-01560 MATRIX : WATER
SAMPLE ID CLIENT: P11-GW026

PARAMETER	RESULTS	Q	DET. LIMIT
Total as Trichlorophenol	ND		100

QUALIFIERS: C = COHHENT ND = NOT DETECTED
J = ESTIMATED VALUB B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIHIT

TEST CODE :WPNPHL1 JOB NUMBER :9100.170

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
TEST NAME : PNC PHENOL - LC UNITS : UG/L
SAMPLE ID LAB : EE-91-01561 MATRIX: WATER
SAMPLE ID CLIENT: P11-GW029

PARAMETER	RESULTS	Q	DET. LIMIT
Total as Trichlorophenol	ND		100

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

QUALITY CONTROL FOR ACCURACY: PERCENT RECOVERY
FOR SPIKED WATER SAMPLES

9100.163

(ug)

Parameter	E & E Laboratory No. 91- BLANK SPIKE	Original Value	Amount Added	Amount Determined	Percent Recovery
Trichlorophenol		ND	50	39	78

QUALITY CONTROL FOR ACCURACY: PERCENT RECOVERY
FOR SPIKED WATER SAMPLES

9100.170

(ug)

Parameter	E 6 E Laboratory No. 91-	Original Value	Amount Added	Amount Determined	Percent Recovery
Trichlorophenol	Blank	ND	50	31.5	63

QUALITY CONTROL FOR ACCURACY: PERCENT RECOVERY
FOR SPIKED WATER SAMPLES

9100.170

(ug)

Parameter	E & E Laboratory No. 91-	Original Value	Amount Added	Amount Determined	Percent Recovery
Trichlorophenol	Blank	ND	50	31.5	63

QUALITY CONTROL FOR ACCURACY: PERCENT RECOVERY FOR SPIKED WATER SAMPLES

9100.163

(ug)

Parameter	E & E Laboratory No. 91-	Original Value	Amount Added	Amount Determined	Percent Recovery
Trichlorophenol	BLANK 1	ND	50	39	78
	BLANK2	ND	50	44	88
	BLANK3	ND	50	24	49

TEST CODE :WPNPHL1 JOB NUMBER :9100.170

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
TEST NAME : PNC PHENOL - LC UNITS : UG/L
SAMPLE ID LAB : METHOD BLANK MATRIX: WATER

PARAMETER	RESULTS	Q	DET. LIMIT
Total as Trichlorophenol	ND		100

QUALIFIERS: C = COHHENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOV STATED DETECTION LIHIT

TEST CODE : WPNP&P1 JOB NUMBER : 9100.163

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
TEST NAME : PNC PEST./PCB UNITS : UG/L
SAMPLE ID LAB : EE-91-01500 MATRIX: WATER
SAMPLE ID CLIENT: P11-GW001

PARAMETER	RESULTS	Q	DET. LIMIT
Heptachlor	ND		5.0
Lindane	ND		5.0
Aldrin	ND		5.0
4,4 - DDT	ND		5.0
Dieldrin / 4,4 - DDE	ND		5.0
Endrin	ND		5.0
Chlordane	ND		5.0
Total PCBS	ND		10

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

TEST CODE :WPNP&P1 JOB NUMBER :9100.163

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PEASE I GROUPS A-E
TEST NAHE : PNC PEST./PCB UNITS : UG/L
SAMPLE ID LAB : EE-91-01501 MATRIX : WATER
SAMPLE ID CLIENT: P11-GW001D

PARAMETER	RESULTS	Q	DET. LIMIT
Reptachlor	ND		5.0
Lindane	ND		5.0
Aldrin	ND		5.0
4,4 - DDT	ND		5.0
Dieldrin / 4,4 - DDE	ND		5.0
Endrin	ND		5.0
Chlordane	ND		5.0
Total PCBS	ND		10

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

TEST CODE :WPNP&P1 JOB NUMBER :9100.163

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
TEST NAME : PNC PEST./PCB UNITS : UG/L
SAMPLE ID LAB : EE-91-01502 MATRIX: WATER
SAMPLE ID CLIENT: P11-GW005

PARAMETER	RESULTS	Q	DET. LIMIT
Heptachlor	ND		5.0
Lindane	ND		5.0
Aldrin	ND		5.0
4,4 - DDT	ND		5.0
Dieldrin / 4,4 - DDE	ND		5.0
Endrin	ND		5.0
Chlordane	ND		5.0
Total PCES	ND		10

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

TEST CODE :WPNP&P1 JOB NUMBER :9100.163

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
TEST NAME : PNC PEST./PCB UNITS : UG/L
SAMPLE ID LAB : EE-91-01503 MATRIX: WATER
SAMPLE ID CLIENT: P11-GW007

PARAMETER	RESULTS	Q	DET. LIMIT
Heptachlor	ND		5.0
Lindane	ND		5.0
Aldrin	ND		5.0
4,4 - DDT	ND		5.0
Dieldrin / 4,4 - DDE	ND		5.0
Endrin	ND		5.0
Chlordane	ND		5.0
Total PCBS	PRESENT	L	10

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

TEST CODE :WPNP&P1 JOB NUMBER :9100.163

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
TEST NAME : PNC PEST./PCB UNITS : UG/L
SAMPLE ID LAB : EE-91-01504 MATRIX: WATER
SAMPLE ID CLIENT: P11-GW008

PARAMETER	RESULTS	Q	DET. LIMIT
Heptachlor	ND		5.0
Lindane	ND		5.0
Aldrin	ND		5.0
4,4 - DDT	ND		5.0
Dieldrin / 4,4 - DDE	ND		5.0
Endrin	ND		5.0
Chlordane	ND		5.0
Total PCBS	PRESENT	L	10

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

TEST CODE :WPNP&P1 JOB NUMBER :9100.163

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PEASE I GROUPS A-E
TEST NAME : PNC PEST./PCB UNITS : UG/L
SAMPLE ID LAB : EE-91-01505 MATRIX : WATER
SAMPLE ID CLIENT: P11-GW012

PARAMETER	RESULTS	Q	DET. LIMIT
Heptachlor	ND		5.0
Lindane	ND		5.0
Aldrin	ND		5.0
4,4 - DDT	ND		5.0
Dieldrin / 4,4 - DDE	ND		5.0
Endrin	ND		5.0
Chlordane	ND		5.0
Total PCBS	ND		10

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIHATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

TEST CODE :WPNP&P1 JOB NUMBER :9100.163

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
TEST NAME : PNC PEST./PCB UNITS : UG/L
SAMPLE ID LAB : EE-91-01506 MATRIX: WATER
SAMPLE ID CLIENT: P11-GW014

PARAMETER	RESULTS	Q	DET. LIMIT
Heptachlor	ND		5.0
Lindane	ND		5.0
Aldrin	ND		5.0
4,4 - DDT	ND		5.0
Dieldrin / 4,4 - DDE	ND		5.0
Endrin	ND		5.0
Chlordane	ND		5.0
Total PCBS	ND		10

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

TEST CODE :WPNP&P1 JOB NUMBER :9100.170

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
TEST NAME : PNC PEST./PCB UNITS : UG/L
SAMPLE ID LAB : BE-91-01597 MATRIX: VATER
SAMPLE ID CLIENT: P11-GW021

PARAMETER	RESULTS	Q	DET. LIMIT
Heptachlor	ND		5.0
Lindane	ND		5.0
Aldrin	ND		5.0
4,4 - DDT	ND		5.0
Dieldrin / 4,4 - DDB	ND		5.0
Endrin	ND		5.0
Chlordane	ND		5.0
Total PCBS	ND		10

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIHIT

TEST CODE :WPNP&P1 JOB NUMBER :9100.170

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
TEST NAME : PNC PEST./PCB UNITS : UG/L
SAMPLE ID LAB : EE-91-01558 MATRIX: WATER
SAMPLE ID CLIENT: P11-GW023

PARAMETER	RESULTS	Q	DET. LIMIT
Heptachlor	ND		5.0
Lindane	ND		5.0
Aldrin	ND		5.0
4,4 - DDT	ND		5.0
Dieldrin / 4,4 - DDE	ND		5.0
Endrin	ND		5.0
Chlordane	ND		5.0
Total PCBS	ND		10

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

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TEST CODE :WPNP&P1 JOB NUMBER :9100.170

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
TEST NAME : PNC PEST./PCB UNITS : UG/L
SAMPLE ID LAB : EE-91-01559 MATRIX: WATER
SAMPLE ID CLIENT: P11-GW024

PARAMETER	RESULTS	Q	DET. LIHIT
Heptachlor	ND		5.0
Lindane	ND		5.0
Aldrin	ND		5.0
4,4 - DDT	ND		5.0
Dieldrin / 4,4 - DDE	ND		5.0
Endrin	ND		5.0
Chlordane	ND		5.0
Total PCBS	ND		10

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIHIT

TEST CODE :WPNP&P1 JOB NUMBER :9100.170

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
TEST NAME : PNC PEST./PCB UNITS : UG/L
SAMPLE ID LAB : EE-91-01561 MATRIX : WATER
SAMPLE ID CLIENT: P11-GW029

PARAMETER	RESULTS	Q	DET. LIMIT
Eeptachlor	ND		5.0
Lindane	ND		5.0
Aldrin	ND		5.0
4,4 - DDT	ND		5.0
Dieldrin / 4,4 - DDE	ND		5.0
Endrin	ND		5.0
Chlordane	ND		5.0
Total PCBS	ND		10

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

TEST CODE :WPNP&P1 JOB NUMBER :9100.170

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
TEST NAME : PNC PEST./PCB UNITS : UG/L
SAMPLE ID LAB : EE-91-01560 MATRIX: VATER
SAMPLE ID CLIENT: P11-GW026

PARAMETER	RESULTS	Q	DET. LIMIT
Heptachlor	ND		5.0
Lindane	ND		5.0
Aldrin	ND		5.0
4,4 - DDT	ND		5.0
Dieldrin / 4,4 - DDE	ND		5.0
Endrin	ND		5.0
Chlordane	ND		5.0
Total PCBS	PRESENT	L	10

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOV STATED DETECTION LIHIT

TEST CODE :WPNP&P1 JOB NUMBER :9100.163

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
TEST NAME : PNC PEST./PCB UNITS : UG/L
SAMPLE ID LAB : METHOD BLANK MATRIX: WATER

PARAMETER	RESULTS	Q	DET. LIMIT
Heptachlor	ND		5.0
Lindane	ND		5.0
Aldrin	ND		5.0
4,4 - DDT	ND		5.0
Dieldrin / 4,4 - DDE	ND		5.0
Endrin	ND		5.0
Chlordane	ND		5.0
Total PCBS	ND		10

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

TEST CODE :WPNP&P1 JOB NUMBER :9100.170

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PEASE I *GROUPS* A-E
TEST NAME : PNC PEST./PCB UNITS : UG/L
SAMPLE ID LAB : METHOD BLANK MATRIX: WATER

PARAMETER	RESULTS	Q	DET. LIMIT
Eeptachlor	ND		5.0
Lindane	ND		5.0
Aldrin	ND		5.0
4,4 - DDT	ND		5.0
Dieldrin / 4,4 - DDE	ND		5.0
Endrin	ND		5.0
Chlordane	ND		5.0
Total PCBS	ND		10

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT

APPENDIX H

EXISTING PERMANENT MONITORING WELL GROUNDWATER SAMPLING ANALYTICAL RESULTS

ecology and environment, inc.
ANALYTICAL SERVICES CENTER P O BOX D, BUFFALO, NEW YORK 14225, TEL. 716-631-0360
International Specialists in the Environment

January 11, 1991

E & E Job # 9002.544
9002.551

Project # UH-6020 (NASP Well Sampling)

Case Narrative

Enclosed are the inorganic results for samples received at the E & E Analytical Services Center on October 18 and October 19, 1990. Analysis was performed according to the USEPA Contract Laboratory Program, Statement of Vork for Inorganic Analysis, 7/88 and "Test Methods for Evaluating Solid Vaste, Physical/ Chemical Hethods," SV-846, Third Edition, USEPA, 1986.

Duplicate and matrix spike analysis vas not performed for the analytes, except mercury, in any samples reported in this data package. Duplicate and matrix spike analysis were performed at the required frequency and results will be reported in another data package at a later date.

Mercury was detected in filtered sample GH-28 but not in the total sample. Mercury was also detected in the rinsate sample RB01-RINS at the detection limit. Calculations were verified but not reanalysis vas performed since hold time had expired.

Recovery of the initial calibration standard for cyanide vas 84.4% on 10/31/90, which is belov the acceptable limit. Analysis vas accepted on basis of the batch spike recovery vhich vas in control limits and the continuing standard recovery which was 99%.

Frequency of continuing calibration verification (CCV) standard analysis criterion vas not met for some graphite furnace/AA and cyanide sequences. Ye do not believe this to have an effect on data validity since recovery for all CCV standards vas acceptable.

The graphite furnace/AA instruments used are not capable of recording the time of analysis. The time vas manually recorded in some instances and has been reported on Form 14.

The total recoverable petroleum hydrocarbon sample container for sample GH-52 was broken prior to analysis.

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All samples on which this report is based will be retained by E&E, Inc. for a period of 30 days from the date of this report, unless otherwise instructed by the client. If additional storage of samples is requested by the client, a storage fee of $1.00 per sample container per month will be charged of each sample, with such charges accruing until destruction of the sample is authorized by the client.

I certify that this data package is in compliance vith the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his designee, as verified by the following signature.

Gary Hahn
Manager - Analytical Services Center

GH/dms

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International Specialists in the Environment

January 16, 1991

E & E Job # 9002.544
9002.551
9002.567

Project # UH-6020 (NASP Well Resampling)

Case Narrative

Enclosed are the results of organic analysis for samples received at the E & E Analytical Services Center on October 18, 19, and 20, 1990. Analysis vas performed according to the USEPA Contract Laboratory Protocol, Statement of Work for Organic Analysis, 2/88.

Inorganic analytical results will be provided in a separate data package at a later date.

Insufficient sample volume vas received in order to perform matrix spike/spike duplicate (MS/MSD) analyses for the semi-volatile and pesticide fractions as set forth in the Statement of Vork. Matrix spike analysis vas performed for these fractions as part of internal QA. Results are included in this data package. MS/MSD analysis vas performed on samples from this site taken at a later date and results from that analysis will be provided in a second data package at later date.

Based on the amount of mass spectral information available, the GC/MS computer is not always able to provide three matches for the unknovn.

Volatile surrogate recovery criterion vas not met for sample FB02 and GM60D. These samples vere reanalyzed vith similar surrogate recoveries, substantiating the matrix effect.

Volatile surrogate and/or internal standard area response criterion vas not met for the matrix spike samples of GM52DL, GM59, and TB03. The Statement of Vork does not require reanalysis of a matrix spike sample: therefore, no action vas taken.

Recovery of the volatile surrogate -bromofluorobenzene- vas low for the method blank VBLKW6 and its associated samples TB03, TB03MS, and TB03MSD. Reanalysis vas not performed. We do not believe the degree by which recovery criterion vas not met to be significant and therefore, consider the results to be valid.

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The volatile fraction for sample FB01 vas injected at 02:39 on 10/25/90 vhile the 12 hour tune clock ended at 02:44 on 10/25/90. The sample vas not reanalyzed.

2-Propanol vas detected in samples FB02RE, GM59, GM60, GM60D, and GM60DRE. This compound coelutes vith acetone and affected quantitation so that acetone values reported are artificially high.

The semi-volatile fractions for samples GM40 and GH48 were extracted outside of hold times. Sample GM40 vas received on 10/19/90 and vas reextracted on 11/16/90. Sample GH48 vas received on 10/18/90 and vas reextracted on 11/13/90. Initial analysis of these samples yielded unacceptable surrogate recoveries. As directed by the Statement of Work, the samples vere re-extracted and reanalyzed. Since surrogate recoveries were acceptable in these latter analyses, they must be considered the initial analysis.

Semi-volatile surrogate criterion vas not met for the method blank -SBLKW2. Reextraction vas not performed since surrogate recoveries for all associated samples vere acceptable.

Inadvertently, the pesticide surrogate, DBC, vas not added to samples extracted on 10/24/90. Insufficient sample volumes remained for reextraction. Recoveries for the matrix spike sample (GM-15MS) extracted on this date vere acceptable.

Carry-over vas detected in the individual mix (INDA) standards analyzed at 8:43 and 9:25 on 11/21/90. An acceptable INDA standard vas analyzed at 10:23 and the sequence continued.

A severe change in response affecting % D criterion vas noted in the INDB standard analyzed at 18:15 on 11/21/90. Final standards vere analyzed and the sequence vas terminated.

% D criterion was not met for endosulfan sulfate in the INDB standard analyzed at 12:45 on 11/27/90 and in the final standard INDB analyzed at 11:40 on 11/28/90. No action vas taken since there vas no indication of the presence of this compound in the samples.

All samples on vhich this report is based will be retained by E&E, Inc. for a period of 30 days from the date of this report, unless otherwise instructed by the client. If additional storage of samples is requested by the client, a storage fee of $1.00 per sample container per month will be charged of each sample, vith such charges accruing until destruction of the sample is authorized by the client.

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his designee, as verified by the following signature.

Gary Hahn
Manager - Analytical Services Center

GH/dms

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page 1 of ___

CHAIN-OF-CUSTODY RECORD

Project No.: VH6030
Project Name: NASP Phase I A-E
Project Manager: John Barkstedt
Sampler: (Signature) M. Green
Field Team Leader: M. Green

	STATION NUMBER	DATE 1990	TIME	SAMPLE TYPE COMP	GRAB	AIR	SAMPLE INFORMATION / EXPECTED COMPOUNDS (Concentration)*	STATION LOCATION	NUMBER OF CONTAINERS	TCL VOA	TCL BNA	TCL Pesticides + PCBs	TCL Total Metals	TCL Cyanide	TRPH	REMARKS
PIW	RB01	10/17	1700		X		Low Level	Rinsate	6	X	X	X	X	X	X	- Metals preserved w/ HNO_3
PIW	PB01	10/17	1700		X		" "	Preservative blank	3			X		X	X	- Cyanide preserved w/ NaOH
																- TRPH preserved with H_2SO_4

Relinquished By: (Signature)	Date/Time	Received By: (Signature)	Relinquished By: (Signature)	Date/Time	Received By: (Signature)
B Caldwell	10/17/90 1700				
Relinquished By: (Signature)	Date/Time:	Received By: (Signature)	Relinquished By: (Signature)	Date/Time	Received By: (Signature)
Relinquished By: (Signature)	Date/Time: 10/18/90 7:00	Received For Laboratory By: (Signature) Christopher Stroh	Relinquished By: (Signature)	Date/Time	Received For Laboratory By: (Signature)
Federal Express					

Ship Via: Federal Express
BL/Airbill Number: 7501717775
Date: 10/17/90

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CHAIN-OF-CUSTODY RECORD

Page 1 of 1

Project No.: UH6030
Project Name: NASP Well Resampling
Project Manager: John Berksdale
Samplers (Signatures): Carter Mike Green
Field Team Leader: Dan Foss

	STATION NUMBER	DATE 1990	TIME	SAMPLE TYPE COMP	GRAB	AIR	SAMPLE INFORMATION / EXPECTED COMPOUNDS (Concentration)*	STATION LOCATION	NUMBER OF CONTAINERS	TCL VOCs + Xylenes + Vinyl Chloride	TCL BNAs	TCL Pesticides + PCBs	TCL Total metals **	TCL Dissolved metals **	Cyanide ***	TRPHs ***	TOC ***	Hardness	Alkalinity	REMARKS
	P1W02	10/4/90	1600		X		Low	GM28	11	X	X	X	X	X	X	X	X	X	X	*VOCs preserved with HC
	P1W04	10/4/90	1730		X		"	GM47	11	X	X	X	X	X	X	X	X	X	X	
P1W	048	10/7	1000		X		"	GM-48	2	X										***all metals preserved with
P1W	049	10/7	1100		X		"	GM-49	2	X										HNO_3 / Hardness preser
P1W	026	10/7	1130		X		"	GM-26	2	X										with HNO_3
P1W	051	10/7	1250		X		"	GM-51	2	X										****Cyanide preserved w.
P1W	FB01	10/7	1700		X		"	Field blank	2	X										NaOH
P1W	RB01	10/7	1700		X		"	Rinsate	2	X										
P1W	TB01	10/7	1700		X		"	Trip blank	2	X										*****TRPHs and TOC
P1W	PB01	10/7	1700		X		"	Pres. blank	2	X										preserved with H_2SO_4
							"													
							"													
							"													
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							"													

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B Caldwell	10/17/90 1900				
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Relinquished By: (Signature)	Date/Time:	Received For Laboratory By: (Signature)	Relinquished By: (Signature)	Date/Time:	Received For Laboratory By: (Signature)
Federal Express	10/18/90 9:00	Victoria T Stokes			

Ship Via: Federal Express
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CHAIN-OF-CUSTODY RECORD

Page 1 of 1

Project No.: UH6020
Project Name: NASP Phase I A-E
Project Manager: John Barkdale
Samplers: (Signatures) M. Green
Field Team Leader: M. Green

	STATION NUMBER	DATE 1990	TIME	SAMPLE TYPE COMP	GRAB	AIR	SAMPLE INFORMATION / EXPECTED COMPOUNDS (Concentration)*	STATION LOCATION	NUMBER OF CONTAINERS	TCL VOCs ★★	TCL BNAs	TCL Pesticides/PCBs	TCL Total Metals ★★	TCL Dissolved Metals ★★	Cyanide ★★★	TRPHs ★★★	TOC ★★★	Hardness ★★	REMARKS
P11W	048	1000			X		Low level	GM-48	9 ~~3~~	~~X~~	X	X	X	X	X	X	X	X	* VOCs preserved with HCl
P11W	049	1110			X		Low level	GM-49	9 ~~3~~	~~X~~	X	X	X	X	X	X	X	X	
~~P11W~~																			** Metals preserved with HNO_3/Hardness preserved with HNO_3
~~P11W~~																			
~~P11W~~																			
P11W	026	1132			X		Low level	GM-26	3				X		X			X	
P11W	051	1210			X		Low level	GM-51	3				X		X			X	*** Cyanide preserved with NaOH
																			**** TRPHs and TOC preserved with H_2SO_4

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Relinquished By: (Signature)	Date/Time:	Received By: (Signature)	Relinquished By: (Signature)	Date/Time:	Received By: (Signature)
Relinquished By: (Signature)	Date/Time: 4:00	Received For Laboratory By: (Signature)	Relinquished By: (Signature)	Date/Time:	Received For Laboratory By: (Signature)
Federal Express	10/18/90	Victoria Stoyer			

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CHAIN-OF-CUSTODY RECORD

Page 1 of 1

Project No.: RUH6020
Project Name: NASP Well Resampling
Project Manager: John Berksdale
Samplers: (Signature) [signature]
Field Team Leader: Mike Green

	STATION NUMBER	DATE 1990	TIME	SAMPLE TYPE COMP	GRAB	AIR	SAMPLE INFORMATION / EXPECTED COMPOUNDS (Concentration)*	STATION LOCATION	NUMBER OF CONTAINERS	TCL VOCs+Xylenes+Ketones	TCL BNA	TCL Pesticides+PCBs	TCL Total metals	TCL Dissolved metals	TCL TRPH	Cyanide	TOC	Hardness Alkalinity	REMARKS
	~~PH~~						Low												
P1W	026	10-17	1130		X		"	GM-26	56	X	X		X	X		X		X	TRPH samples preserved with the H_2SO_4
P1W	051	10-17	1210		X		"	GM-51	56	X	X		X	X		X		X	
P1W	FB01	10-17	1700		X		"	Field Blank	9	X	X	X	X	X	X	X	X	X	TOC samples preserved with H_2SO_4.

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B C-Lowell	10/17/90					Federal Express
Relinquished By: (Signature)	Date/Time:	Received By: (Signature)	Relinquished By: (Signature)	Date/Time:	Received By: (Signature)	
						BL/Airbill Number: 7501717775 — Date: 10-17-90
Relinquished By: (Signature) Federal Express	Date/Time: 9100 10/18/90	Received For Laboratory By: (Signature) [signature]	Relinquished By: (Signature)	Date/Time:	Received For Laboratory By: (Signature)	

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CHAIN-OF-CUSTODY RECORD

Page 1 of 3

Project Name: NASP Well Resampling
Project Manager: John Barksdale
Samplers: (Signature) M. Shaw
Field Team Leader: Dan Foss

STATION NUMBER	DATE	TIME	SAMPLE TYPE COMP	GRAB	AIR	SAMPLE INFORMATION / EXPECTED COMPOUNDS (Concentration)*	STATION LOCATION	NUMBER OF CONTAINERS	TCL VOC's + Xylenes + Ketones	TCL BNA's	TCL Pesticide + PCB's	TCL total metals	TCL Organic metals	TRPH	Cyanide	TOC	Hardness	Alkalinity	REMARKS
P11W 052	10/18/90	915		X		Low	GM52	2	X										preservatives used
P11W 015	10/18/90	1015		X		"	GM15	2	X										* HNO3 preservatives Hardness
P11W 036	10/18/90	1045		X		"	GM36	2	X										** H2SO4 TRPH TOC
P01W 040	10/18/90	1230		X		"	GM40	11	X	X	X	X	X	X	X	X	X	X	*** NaOH CYANIDE
P01W 004	10/18/90	1330		X		"	GM04	11	X	X	X	X	X	X	X	X	X	X	**** ICE BNA, TCL Pest + PCB
P11W T002	10/18/90	1530		X		"	Trip Blank 02	2	X										Alkalinity
P11W 052D	10/18/90	915		X		"	GM52 (duplicate)	2	X										***** HCL TCL-VOCs + xylenes + ketones

* note all VOC's + xylene + ketone analysis are for project U46020 except VOCs + xylenes + ketones for P01-W-040 and P01-W-004

** all P01 samples ~~[illegible]~~ are for project U46010 and all P11 samples are U46020

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Relinquished By: (Signature) Fed. Ex	Date/Time: 9100 10/19/90	Received For Laboratory By: (Signature) [signature]	Relinquished By: (Signature)	Date/Time:	Received For Laboratory By: (Signature)

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CHAIN-OF-CUSTODY RECORD

Project No.: 4H6020
Project Name: NASP WELL RESAMPLING
Project Manager: JOHN BARKSDALE
Samplers: (Signature) M. Theew
Field Team Leader: Dan Foss

STATION NUMBER	DATE	TIME	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE TYPE AIR	SAMPLE INFORMATION / EXPECTED COMPOUNDS (Concentration)*	STATION LOCATION	NUMBER OF CONTAINERS	ALL VOCs (SYSTEM CHECK)	TCL BNA **	TCL PESTICIDES & PCBs **	TCL TOTAL METALS *	TCL DISSOLVED METALS *	TRPH's **	CYANIDE **	TOC **	HARDNESS ** ALKALINITY **	REMARKS
P11-W-03	10/18/90	10:15		✓		LOW	GM-15	9		X	X	X	X	X	X	X	X	X	
P11-W-03	10/18/90	10:45		✓		LOW	GM-36	9		X	X	X	X	X	X	X	X	X	(Preservatives)

* HNO_3 - METALS & HARD
** H_2SO_4 - TOC & TRPH
*** NaOH - CYANIDE
**** TCC - BNA, TCL PESTICIDES, AROMATICS

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M Theew	10/19/90 1217				
Relinquished By: (Signature)	Date/Time:	Received By: (Signature)	Relinquished By: (Signature)	Date/Time:	Received By: (Signature)
Relinquished By: (Signature) Fed. Ex	Date/Time: 10/19/90 1100	Received For Laboratory By: (Signature) Deborah Stryfa	Relinquished By: (Signature)	Date/Time:	Received For Laboratory By: (Signature)

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CHAIN-OF-CUSTODY RECORD

Project No.: WH6020
Project Name: NASP Well Resampling
Project Manager: John Burkedale
Sampling: (Signature) [illegible] M. Shew
Field Team Leader: Dan Foss

STATION NUMBER	DATE	TIME	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE TYPE AIR	SAMPLE INFORMATION / EXPECTED COMPOUNDS (Concentration)*	STATION LOCATION	NUMBER OF CONTAINERS	TCL Volatile Organics	TCL SVOA	TCL Pesticides + PCBs	TCL Total Metals *	TCL Dissolved Metals *	TRPH	CYANIDE	TOC	HERBICIDES *	Alkalinity *	REMARKS
MW-6-052	10/18/90	9:15		X		LOW	GM-052		X	X	X	X	X	X	X	X	X		
MW-6-052D	10/18/90	9:15		X		LOW	GM-052 (Duplicate)		X	X	X	X	X	X	X	X	X		(Preservatives)

* HNO_3 - METALS HARDNESS
** H_2SO_4 - TOC & TRPH
*** NaOH - CYANIDE
**** TCL, TCL SVOA, TCL PESTICIDES + PCB'S ALKALINITY

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M. Shew	10/18/90 1717					FEDERAL EXPRESS
Relinquished By: (Signature)	Date/Time:	Received By: (Signature)	Relinquished By: (Signature)	Date/Time:	Received By: (Signature)	BL/Airbill Number: 7501717786
Relinquished By: (Signature) Fed. Ex	Date/Time: 10/19/90 9:00	Received For Laboratory By: (Signature) [illegible]	Relinquished By: (Signature)	Date/Time:	Received For Laboratory By: (Signature)	Date: 10/18/90

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CHAIN-OF-CUSTODY RECORD

Project No: UH6220
Project Name: NRSP Phase I A-E
Project Manager: John Barkslate
Samplers (Signatures): M. Green
Field Team Leader: M. Green

	STATION NUMBER	DATE 1990	TIME	SAMPLE TYPE COMP	GRAB	AIR	SAMPLE INFORMATION / EXPECTED COMPOUNDS (Concentration)*	STATION LOCATION	NUMBER OF CONTAINERS	TCL VOAs	TCL BNAs	TCL Pesticides PCBs	TCL Total Metals	TCL Dissolved Metals	Cyanide	TRPHs	REMARKS
PIW	RB01	10/17	1700		X		Low Level	Rinsate	6	X	X	X	X	X	X		– Metals preserved w/ HNO_3
PIW	PB01	10/17	1700		X		" "	Preservative blank	3			X		X	X		– Cyanide preserved w/ NaOH
																	– TRPHs preserved with H_2SO_4

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B Caldwell	10/17/90 1960					Federal Express
Relinquished By: (Signature)	Date/Time	Received By: (Signature)	Relinquished By: (Signature)	Date/Time	Received By: (Signature)	BL/Airbill Number: 7501717775
Relinquished By: (Signature) Federal Express	Date/Time: 10/18/90 7:00	Received For Laboratory By: (Signature) Christina L. Stoffel Signed 11/12/90	Relinquished By: (Signature)	Date/Time	Received For Laboratory By: (Signature)	Date 10/17/90

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CHAIN-OF-CUSTODY RECORD

Page 1 of 1

Project No.: UH6020
Project Name: NASP Well Resampling
Project Manager: John Berksdale
Samplers (Signatures): [illegible]
Field Team Leader: Dan Foss

	STATION NUMBER	DATE 1990	TIME	SAMPLE TYPE COMP	GRAB	AIR	SAMPLE INFORMATION / EXPECTED COMPOUNDS (Concentration)*	STATION LOCATION	NUMBER OF CONTAINERS	TCL VOCs + xylenes + ketones	TCL BNAs	TCL Pesticides + PCBs	TCL Total metals **	TCL Dissolved metals **	Cyanide ***	TRPHs ****	TOC ****	HARDNESS	ALKALINITY	REMARKS
	PIIW02	10/16/90	1600		X		Low	GM28	11	X	X	X	X	X	X	X	X	X	X	*VOCs preserved with HCl
	PIIW03	10/16/90	1730		X		"	GM47	11	X	X	X	X	X	X	X	X	X	X	
PIIW	048	10/17	1000		X		"	GM-48	2	X										**all metals preserved with HNO_3 / Hardness preserved with HNO_3
PIIW	049	10/17	1160		X		"	GM-49	2	X										
PIIW	026	10/17	1130		X		"	GM-26	2	X										
PIIW	051	10/17	1230		X		"	GM-51	2	X										***Cyanide preserved with NaOH
PIIW	FB01	10/17	1700		X		"	Field Blank	2	X										
PIIW	RB01	10/17	1700		X		"	Rinsate	2	X										
PIIW	TB01	10/17	1700		X		"	Trip Blank	2	X										****TRPHs and TOC preserved with H_2SO_4
PIIW	PB01	10/17	1700		X		"	Pres. blank	2	X										
							"													
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						7501717775
Relinquished By: (Signature) Federal Express	Date/Time 10/18/90 9:00	Received For Laboratory By (Signature) Deborah Kistler	Relinquished By: (Signature)	Date/Time	Received For Laboratory By (Signature)	

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CHAIN-OF-CUSTODY RECORD

Project No: UH6020
Project Name: NASP Phase I A-E
Project Manager: John Barksdale
Samplers (Signature): M Green
Field Team Leader: M. Green

	STATION NUMBER	DATE 1990	TIME	SAMPLE TYPE COMP	GRAB	AIR	SAMPLE INFORMATION / EXPECTED COMPOUNDS (Concentration)*	STATION LOCATION	NUMBER OF CONTAINERS	TCL VOCs + Xylenes + Ketones*	TCL BNAs	TCL Pesticides + PCBs	TCL Total Metals**	TCL Dissolved Metals**	Cyanide***	TRPHs****	TOC****	Hardness** alkalinity	REMARKS
P1IW	048	1000			X		Low level	GM-48	9	X	X	X	X	X	X	X	X	X	* VOCs preserved with HCl
P1IW	049	1110			X		Low level	GM-49	9	X	X	X	X	X	X	X	X	X	
~~P1IW~~																			** Metals preserved with HNO_3 / Hardness preserved with HNO_3
~~P1IW~~																			
~~P1IW~~																			
P1IW	026	1130			X		Low level	GM-26	3			X		X			X		
P1IW	051	1210			X		Low level	GM-51	3			X		X			X		*** Cyanide preserved with NaOH
																			**** TRPHs and TOC preserved with H_2SO_4

Relinquished By: (Signature)	Date/Time	Received By: (Signature)	Relinquished By: (Signature)	Date/Time	Received By: (Signature)
B Caldwell	10/17/90 Mar				
Federal Express	10/18/90 9:00	Received For Laboratory By (Signature): Victoria Stapp			

Ship Via: Federal Express
BL/Airbill Number: 7501717775
Date: 10-17-90

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CHAIN-OF-CUSTODY RECORD

Page 1 of 1

Project No.: RU1160.20
Project Name: NASP Well Resampling
Project Manager: John Birksdale
Samplers (Signatures): [signatures]
Field Team Leader: Mike Green

	STATION NUMBER	DATE 1990	TIME	SAMPLE TYPE COMP	GRAB	AIR	SAMPLE INFORMATION / EXPECTED COMPOUNDS (Concentration)*	STATION LOCATION	NUMBER OF CONTAINERS	TCL VOC's + Xylenes + Styrene	TCL Bhs	TCL Pesticides + PCBs	TCL Total Metals	TCL Dissolved Metals	TCL TRPH	CYANIDE	TOC	HARDNESS ALKALINITY	REMARKS
	~~PH~~						Low												TRPH samples preserved with H_2SO_4
PIW	026	10-17	1130		X		"	GM-26	56		X	X		X	X		X		X
PIW	051	10-17	1210		X		"	GM-51	56		X	X		X	X		X		X
PIW	FB01	10-17	1700		X		"	Field Blank	9		X	X	X	X	X	X	X	X	X
									~~PH~~	10/18/90									TOC samples preserved with H_2SO_4.

Relinquished By: (Signature)	Date/Time	Received By: (Signature)	Relinquished By: (Signature)	Date/Time	Received By: (Signature)	Ship Via
B C-[illegible]	10/17/90					Federal Express
Relinquished By: (Signature)	Date/Time	Received By: (Signature)	Relinquished By: (Signature)	Date/Time	Received By: (Signature)	BL/Airbill Number: 7501717775
Relinquished By (Signature): Federal Express	Date/Time: 9:00 10/18/90	Received For Laboratory By (Signature): [illegible]	Relinquished By: (Signature)	Date/Time	Received For Laboratory By (Signature)	Date: 10-17-90

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CHAIN-OF-CUSTODY RECORD

Page 1 of 3

UH6010
UH6020

Project Name: NASP Well Resampling

Project Manager: John Barksdale

Samplers (Signature): [signature] M Hecw.

Field Team Leader: Dan Foss

STATION NUMBER	DATE	TIME	SAMPLE TYPE COMP	GRAB	AIR	SAMPLE INFORMATION EXPECTED COMPOUNDS (Concentration)*	STATION LOCATION	NUMBER OF CONTAINERS	TCL VOCs + Xylenes + Ketones	TCL BNAs	TCL pesticides + PCBs	TCL total metals	TCL dissolved metals	TRPH	CYANIDE	TOC	Hardness	Alkalinity	REMARKS
P11W052	10/18/90	915		X		Low	GM52	2	X										preservatives used
P11W015	10/18/90	1015		X		"	GM15	2	X										*HNO3 Tot metals Diss metals Hardness
P11W036	10/18/90	1045		X		"	GM36	2	X										** H2SO4 TRPH TOC
P01W040	10/18/90	1230		X		"	GM40	11	X	X	X	X	X	X	X	X	X	X	*** NaOH CYANIDE
P01W004	10/18/90	1330		X		"	GM04	11	X	X	X	X	X	X	X	X	X	X	**** ICE BNA, TCL Pest + PCB
P11WT002	10/18/90	1530		X		"	Trip Blank 02	2	X										Alkalinity
P11W052D	10/18/90	915		X		"	GM52 (duplicate)	2	X										***** HCL TCL VOCs + xylenes + ketones

4

* note all VOC's + xylene + ketone analysis are for project UH6020 except VOCs + xylenes + ketones for P01-W-040 and P01-W-004

* * all P01 samples ~~remainder~~ are for project UH6010 and all P11 samples are UH6020

Relinquished By: (Signature)	Date/Time:	Received By: (Signature)	Relinquished By: (Signature)	Date/Time:	Received By: (Signature)	Ship Via:
[signature]	17:17					Fed Ex
Relinquished By: (Signature)	Date/Time:	Received By: (Signature)	Relinquished By: (Signature)	Date/Time:	Received By: (Signature)	
Relinquished By: (Signature)	Date/Time:	Received For Laboratory By: (Signature)	Relinquished By: (Signature)	Date/Time:	Received For Laboratory By: (Signature)	BL/Airbill Number: 7501717786
Fed. Ex	10/19/90 9:00	[signature]				Date: 10/18/90

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CHAIN-OF-CUSTODY RECORD

Project No.: UH6020
Project Name: NASP WELL RESAMPLING
Project Manager: JOHN BARKSDALE
Samplers (Signatures): M. Theen
Field Team Leader: Dan Foss

STATION NUMBER	DATE	TIME	SAMPLE TYPE COMP	GRAB	AIR	SAMPLE INFORMATION / EXPECTED COMPOUNDS (Concentration)*	STATION LOCATION	NUMBER OF CONTAINERS	TCL BNA ***	TCL PESTICIDES & PCBS ***	TCL TOTAL METALS *	TCL DISSOLVED METALS *	TRPH's *	CYANIDE **	TOC **	HARDNESS ** ALKALINITY **	REMARKS
P-11-W-01	10/18/90	10:15		✓		LOW	GM-15	9	X	X	X	X	X	X	X	X	
P-11-W-02	10/18/90	10:45		✓		LOW	GM-36	9	X	X	X	X	X	X	X	X	(Preservatives)

* HNO_3 - METALS & HARDN.
** H_2SO_4 - TOC & TRPH
*** NaOH - CYANIDE
*** ICE - BNA, TCL PESTICIDES
ALKALINITY

Relinquished By: (Signature)	Date/Time:	Received By: (Signature)	Relinquished By (Signature)	Date/Time	Received By (Signature)
M Theen	10/18/90 17:17				
Relinquished By: (Signature)	Date/Time:	Received By: (Signature)	Relinquished By (Signature)	Date/Time	Received By (Signature)
Relinquished By: (Signature)	Date/Time:	Received For Laboratory By (Signature)	Relinquished By (Signature)	Date/Time	Received For Laboratory By (Signature)
Fed. Ex	10/19/90 7:00	Victoria Stafa			

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CHAIN-OF-CUSTODY RECORD

Project No.: 4H6020
Project Name: NASP Well Resampling
Project Manager: John Berkedale
Samplers (Signatures): [signature] M. Theau
Field Team Leader: Dan Foss

STATION NUMBER	DATE	TIME	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE TYPE AIR	SAMPLE INFORMATION / EXPECTED COMPOUNDS (Concentration)*	STATION LOCATION	NUMBER OF CONTAINERS	TCL Volatile Organics	TCL BNA	TCL Pesticides + PCBs	TCL Total Metals *	TCL Dissolved Metals	TRPH	CYANIDE **	TOC **	HARDNESS *	ALKALINITY	REMARKS
GM-052	10/18/90	9:15		X		LOW	GM-052		X	X	X	X	X	X	X	X	X	X	
GM-052D	10/18/90	9:15		X		LOW	GM-052 (Duplicate)		X	X	X	X	X	X	X	X	X	X	(Preservatives)

* HNO_3 - METALS + HARDNESS
** H_2SO_4 - TOC + TRPH
*** NAOH - CYANIDE
**** ICE - TCL BNA + TCL PESTICIDES + PCB'S + ALKALINITY

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M. Theau	10/18/90 1717					FEDERAL EXPRESS
Relinquished By: (Signature)	Date/Time:	Received By: (Signature)	Relinquished By: (Signature)	Date/Time:	Received By (Signature)	BL/Airbill Number: 7501717786
Relinquished By: (Signature) Fed. Ex	Date/Time: 10/19/90 9:00	Received For Laboratory By: (Signature) [signature]	Relinquished By: (Signature)	Date/Time:	Received For Laboratory By: (Signature)	Date: 10/18/90

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CHAIN-OF-CUSTODY RECORD

Project No.: UH6640
Project Name: NASP Well Resampling
Project Manager: John Barksdale
Samplers (Signatures): [signatures]
Field Team Leader: Mike Grecu

	STATION NUMBER	DATE	TIME	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE TYPE AIR	SAMPLE INFORMATION / EXPECTED COMPOUNDS (Concentration)*	STATION LOCATION	NUMBER OF CONTAINERS	TCL BNAs ***	TCL Pesticides ***	TCL Total Metals *	TCL Dissolved Metals *	TRPH	CYANIDE **	TOC **	Hardness *	Alkalinity ***	REMARKS
P-15	W-06C	10/19/90	1400		X		Low	6m60	9	X	X	X	X	X	X	X	X	X	* HNO_3 preservative
P-15	W-04D	10/19/90	1400		X		Low	6m60	9	X	X	X	X	X	X	X	X	X	
																			** H_2SO_4 preservative
																			*** Ice as preservative
																			**** NACH preservative

Relinquished By: (Signature)	Date/Time	Received By: (Signature)	Relinquished By: (Signature)	Date/Time	Received By: (Signature)	Ship Via
Mike Grecu	10/19/90 18:00					Fed Ex
Relinquished By: (Signature)	Date/Time:	Received By: (Signature)	Relinquished By: (Signature)	Date/Time	Received By: (Signature)	BL/Airbill Number: 7501717790
Fed. Ex	Date/Time: 9:00 10/20/90	Received For Laboratory By (Signature): Catherine Storp	Relinquished By: (Signature)	Date/Time	Received For Laboratory By (Signature)	Date: 10/19/90

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CHAIN-OF-CUSTODY RECORD

Page 2 of 3

Project No.: 116040
Project Name: NASP well resampling
Project Manager: John Barksdale
Samplers (Signatures): [signatures]
Field Team Leader: Mike Grecu

	STATION NUMBER	DATE	TIME	SAMPLE TYPE COMP	GRAB	AIR	SAMPLE INFORMATION / EXPECTED COMPOUNDS (Concentration)*	STATION LOCATION	NUMBER OF CONTAINERS	TCL BNAS ***	TCL Pesticides ***	TCL Total metals ***	TCL Dissolved metals ***	TRPH **	CYANIDE ***	TOC **	Hardness *	Alkalinity ***	REMARKS
P-15	W-059	10/19/90	1300		X		Low	GM59	9	X	X	X	X	X	X	X	X	X	* - HNO3 preservative
P-15	W-FB02	10/19/90	1410		X		"	Field Blank at GM60	6	X	X	X	X	X	X				
P-15	W-PB02	10/19/90	1520		X		"	Preservative Blank	3			X		X	X				** - H2SO4 preservative
																			*** Ice as preservative
																			**** NaOH preservative

Relinquished By: (Signature)	Date/Time	Received By: (Signature)	Relinquished By: (Signature)	Date/Time	Received By: (Signature)	Ship Via:
Mike Grecu	10/19/90 1800					Fed Ex
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Relinquished By: (Signature) Fed. Ex	Date/Time: 10/20/90 9:00	Received For Laboratory By: (Signature) Victoria Stoyan	Relinquished By: (Signature)	Date/Time:	Received For Laboratory By: (Signature)	Date: 10/19/90

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CHAIN-OF-CUSTODY RECORD

Project No: UH6040
Project Name: NASP Well Resampling
Project Manager: John Berksdale
Sampler(s) (Signature): Mike Green
Field Team Leader: Mike Green

	STATION NUMBER	DATE	TIME	SAMPLE TYPE COMP	GRAB	AIR	SAMPLE INFORMATION / EXPECTED COMPOUNDS (Concentration)*	STATION LOCATION	NUMBER OF CONTAINERS	TCL VOCs+Xylenes+Ketones	TCL BNAs	TCL Pesticides	TCL total metals	TCL Dissolved metals	TRPH	CYANIDE	TOC	Hardness	Alkalinity	REMARKS
P-15	W-059	10/14/90	1300		X		Low	GM059	2	X										* HNO_3 preservative
P-15	W-060	10/14/90	1400		X		"	GM60	2	X										
P-15	W-060D	10/14/90	1400		X		"	GM60	2	X										** H_2SO_4 Preservative
P-15	W-FB02	10/14/90	1410		X		"	GM60 Field Blank	2	X										
P-15	W-RBC2	10/14/90	1520		X		"	Preservative Blank	2	X										*** Ice as preservative
P-15	W-RBC2	10/14/90	1510		X		"	Rinsate Blank	8	X	X	X	X	X	X	X				
P-15	W-TB-03	10/14/90	1520		X		"	TRIP Blank	2	X										**** NaOH preservative
																				***** HCL preservative

Relinquished By: (Signature)	Date/Time	Received By: (Signature)	Relinquished By: (Signature)	Date/Time	Received By: (Signature)
Mike Green	10/14/90 1800				
Relinquished By: (Signature)	Date/Time:	Received By: (Signature)	Relinquished By: (Signature)	Date/Time	Received By: (Signature)
Relinquished By: (Signature) Fed. Ex	Date/Time: 9:00 10/20/90	Received For Laboratory By (Signature): Victoria Flaufer	Relinquished By: (Signature)	Date/Time	Received For Laboratory By: (Signature)

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Date: 10/19/90

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ab Name: Ecology & Environment Inc. Contract: _____

Lab Cod: _____ Case No.: 9102.544 SAS No.: _____ SDG No.: _____

SOW No. 7/88

EPA Sample No.	Lab Sample ID
GM-26	88743.10
GM-26 DISSOLVED	88743.11
GM-28	88744.10
GM-28 DISSOLVED	88744.11
GM-47	88745.10
GM-47 DISSOLVED	88745.11
GM-48	88746.10
GM-48 DISSOLVED	88746.11
GM-49	88747.10
GM-49 DISSOLVED	88747.11
GM-51	88748.10
GM-51 DISSOLVED	88748.11
G-FB	88749.10
G-FB DISSOLVED	88749.11
RB01-RINS	88750.07
RB01-RINS DISSOLVED	88750.08
G-PB	88751.05
GM-04	88866.10
GM-15	88867.10
GM-36	88868.10
GM-40	88869.10
GM-52	88870.10
GM-52D	88871.10

Were ICP interelement corrections applied? Yes/No No

Were ICP background corrections applied? Yes/No Yes
If yes, were raw data generated before application of background corrections? Yes/No No

Comments: _____

I certify that this data package is in compliance with the *terms* and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on floppy diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature.

Signature: Barbara Krajewski Name: BARBARA KRAJEWSKI

Date: January 10, 1991 Title: _____

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ab Name: Ecology & Environment Inc. Contract: _____

Lab Code: _____ Case No.: 9102544 SAS No.: _____ SDG No.: _____

SOW No. 7/88

EPA Sample No.	Lab Sample ID
GM52D DISSOLVED	88873.01
GM52 DISSOLVED	88874.01
GM40 DISSOLVED	88875.01
GM36 DISSOLVED	88876.01
GM15 DISSOLVED	88877.01
GM04 DISSOLVED	88878.01
GM49 DISSOLVED D	88747.11 D
GM49 DISSOLVED S	88747.11 S

Were ICP interelement corrections applied? Yes/No No

Were ICP background corrections applied? Yes/No Yes

If yes, were raw data generated before application of background corrections? Yes/No No

Comments: _____

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained this hardcopy data package and in the computer-readable data submitted on floppy diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature.

Signature: Barbara Krajewski Name: BARBARA KRAJEWSKI

Date: January 18, 1991 Title: _____

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1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

GM-15

Lab Name: Ecology & Environment Inc. Contract: _____

Lab Code: _____ Case No.: 9002.544 SAS No.: _____ SDG No.: _____

Matrix (soil/water): WATER lab Sample ID: 88867.10

Level (low/med): LOW Date Received: 10/19/90

% Solids: 0

Concentration Units (ug/L or mg/kg dry weight): ug/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	2060			P
7440-36-0	Antimony	50.0	U		P
7440-38-2	Arsenic	1.0	U	W	F
7440-39-3	Barium	25.6	B		P
7440-41-7	Beryllium	1.0	U		P
7440-43-9	Cadmium	8.2			P
7440-70-2	Calcium	32700			P
7440-47-3	Chromium	10.6			P
7440-48-4	Cobalt	12.0	U		P
7440-50-8	Copper	412			P
7439-89-6	Iron	812			P
7439-92-1	Lead	5.5			F
7439-95-4	Magnesium	2970	B		P
7439-96-5	Manganese	36.9			P
7439-97-6	Mercury	0.20	U	N	CV
7440-02-0	Nickel	10.0	U		P
7440-09-7	Potassium	2500	B		P
7782-49-2	Selenium	1.0	U		F
7440-22-4	Silver	6.0	U		P
7440-23-5	Sodium	8630			P
7440-28-0	Thallium	2.0	U		F
7440-62-2	Vanadium	10.0	U		P
7440-66-6	Zinc	34.8			P
	Cyanide	10.0	U		C

Color Before: Colorless Clarity Before: Clear Texture: _____

Color After: Colorless Clarity After: Clear Artifacts: _____

Comments:

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1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

GM-15 DISSOLVED

Lab Name: Ecology & Environment Inc. Contract: _____

Lab Code: _____ Case No.: 9002.544 SAS No.: _____ SDG No.: _____

Matrix (soil/water): WATER lab Sample ID: 88877.01

Level (low/med): LOW Date Received: 10/19/90

% Solids: 0

Concentration Units (ug/L or mg/kg dry weight): ug/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	194	B		P
7440-36-0	Antimony	50.0	U		P
7440-38-2	Arsenic	1.0	U	W	F
7440-39-3	Barium	15.8	B		P
7440-41-7	Beryllium	1.0	U		P
7440-43-9	Cadmium	6.5	-		P
7440-70-2	Calcium	34100	-		P
7440-47-3	Chromium	10.0	U		P
7440-48-4	Cobalt	12.0	U		P
7440-50-8	Copper	15.0	U		P
7439-89-6	Iron	64.0	B		P
7439-92-1	Lead	1.0	U		F
7439-95-4	Magnesium	3180	B		P
7439-96-5	Manganese	2.0	U		P
7439-97-6	Mercury	0.20	U	N	CV
7440-02-0	Nickel	10.0	U		P
17440-09-7	Potassium	2530	B		P
7782-49-2	Selenium	1.0	U		F
7440-22-4	Silver	6.0	U		P
7440-23-5	Sodium	9880	-		P
7440-28-0	Thallium	2.0	U		F
7440-62-2	Vanadium	10.0	U		P
7440-66-6	Zinc	23.6	-		P
	Cyanide		-		NR
			-		

Color Before: Colorless Clarity Before: Clear Texture: _____

Color After: Colorless Clarity After: Clear Artifacts: _____

Comments:

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1

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

GM-26

Lab Name: Ecology & Environment Inc. Contract: _____

Lab Code: _____ Case No.: 9002.544 SAS No.: _____ SDG No.: _____

Matrix (soil/water): WATER Lab Sample ID: 88743.10

Level (low/med): LOW Date Received: 10/18/90

% Solids: 0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	60.0	U		P
7440-36-0	Antimony	50.0	U		P
7440-38-2	Arsenic	3.6	B		F
7440-39-3	Barium	10.0	U		P
7440-41-7	Beryllium	1.0	U		P
7440-43-9	Cadmium	5.0	U		P
7440-70-2	Calcium	33900			P
7440-47-3	Chromium	10.0	U		P
7440-48-4	Cobalt	12.0	U		P
7440-50-8	Copper	15.0	U		P
7439-89-6	Iron	1890			P
7439-92-1	Lead	1.1	B		F
7439-95-4	Magnesium	1750	B		P
7439-96-5	Manganese	50.7			P
7439-97-6	Mercury	0.20	U	N	CV
7440-02-0	Nickel	10.0	U		P
7440-09-7	Potassium	2100	B		P
7782-49-2	Selenium	1.5	B		F
7440-22-4	Silver	6.0	U		P
7440-23-5	Sodium	4910	B		P
7440-28-0	Thallium	2.0	U		F
7440-62-2	Vanadium	10.0	U		P
7440-66-6	Zinc	8.8	B		P
	Cyanide	10.0	U		C

Color Before: Colorless Clarity Before: Clear Texture: _____

Color After: Colorless Clarity After: Clear Artifacts: _____

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

GM-26 DISSOLVED

Lab Name: Ecology & Environment Inc. Contract: _____

Lab Code: _____ Case No.: 9002.544 SAS No.: _____ SDG No.: _____

Matrix (soil/water): WATER Lab Sample ID: 88743.11

Level (low/med): LOW Date Received: 10/18/90

% Solids: 0

Concentration Units (ug/L or mg/kg dry weight): ug/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	60.0	U		P
7440-36-0	Antimony	50.0	U		P
7440-38-2	Arsenic	1.8	B		F
7440-39-3	Barium	10.0	U		P
7440-41-7	Beryllium	1.0	U		P
7440-43-9	Cadmium	5.0	U		P
7440-70-2	Calcium	33600			P
7440-47-3	Chromium	10.0	U		P
7440-48-4	Cobalt	12.0	U		P
7440-50-8	Copper	15.0	U		P
7439-89-6	Iron	1620			P
7439-92-1	Lead	1.0	U		F
7439-95-4	Magnesium	1760	B		P
7439-96-5	Manganese	50.0			P
7439-97-6	Mercury	0.20	U	N	CV
7440-02-0	Nickel	10.0	U		P
7440-09-7	Potassium	1770	B		P
7782-49-2	Selenium	1.7	B	W	F
7440-22-4	Silver	6.0	U		P
7440-23-5	Sodium	5000			P
7440-28-0	Thallium	2.0	U		F
7440-62-2	Vanadium	10.0	U		P
7440-66-6	Zinc	6.7	B		P
	Cyanide				NR

Color Before: COLORLESS Clarity Before: CLEAR Texture: _____

Color After: COLORLESS Clarity After: CLEAR Artifacts: _____

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

GM-28

Lab Name: Ecology & Environment Inc. Contract: _____

Lab Code: _____ Case No.: 9002.541 SAS No.: _____ SDG No.: _____

Matrix (soil/water): WATER Lab Sample ID: 88744.10

Level (low/med): LOW Date Received: 10/18/90

% Solids: 0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
17429-90-5	Aluminum	569			P
7440-36-0	Antimony	50.0	U		P
7440-38-2	Arsenic	1.0	U		F
7440-39-3	Barium	16.0	B		P
7440-41-7	Beryllium	1.0	U		P
7440-43-9	Cadmium	5.0	U		P
7440-70-2	Calcium	5830			P
7440-47-3	Chromium	10.0	U		P
7440-48-4	Cobalt	12.0	U		P
7440-50-8	Copper	15.0	U		P
7439-89-6	Iron	1710.			P
17439-92-1	Lead	5.2			F
7439-95-4	Magnesium	1720	B		P
7439-96-5	Manganese	22.9			P
7439-97-6	Mercury	0.20	U	N	CV
7440-02-0	Nickel	10.0	U		P
7440-09-7	Potassium	697	B		P
7782-49-2	Selenium	1.0	U		F
7440-22-4	Silver	6.0	U		P
7440-23-5	Sodium	4290	B		P
7440-28-0	Thallium	2.0	U	W	F
7440-62-2	Vanadium	10.0	U		P
7440-66-6	Zinc	59.6			P
	Cyanide	10.0	U		C

Color Before: Colorless Clarity Before: Cloudy Texture: _____

Color After: Colorless Clarity After: Cloudy Artifacts: _____

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

m-# (DISSOLVED)

Lab Name: ECOLOGY & ENVIRONMENT INC. Contract: _____

Lab Code: _____ Case No.: 9002.544 SAS No.: _____ SDG No.: _____

Matrix (soil/water): WATER Lab Sample ID: 88744.11

Level (low/med): LOW Date Received: 10/18/90

% Solids: 0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	70.0	B		P
7440-36-0	Antimony	50.0	U		P
17440-38-2	Arsenic	1.0	U		F
7440-39-3	Barium	10.0	U		P
7440-41-7	Beryllium	1.0	U		P
7440-43-9	Cadmium	5.0	U		P
7440-70-2	Calcium	5490			P
7440-47-3	Chromium	10.0	U		P
7440-48-4	Cobalt	12.0	U		P
7440-50-8	Copper	15.0	U		P
7439-89-6	Iron	635.			P
7439-92-1	Lead	1.0	U		F
7439-95-4	Magnesium	1300	B		P
7439-96-5	Manganese	19.1			P
7439-97-6	Mercury	0.53		N	CV
7440-02-0	Nickel	10.0	U		P
7440-09-7	Potassium	648	B		P
7782-49-2	Selenium	1.0	U		F
7440-22-4	Silver	6.0	U		P
7440-23-5	Sodium	4650	B		P
7440-28-0	Thallium	2.0	U		F
7440-62-2	Vanadium	10.0	U		P
7440-66-6	Zinc	11.4	B		P
	Cyanide				NR

Color Before: COLORLESS Clarity Before: CLEAR Texture: _____

Color After: COLORLESS Clarity After: CLEAR Artifacts: _____

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

GM-36

Lab Name: Ecology & Environment Inc. Contract: _____

Lab Code: _____ Case No.: 9002 514 SAS No.: _____ SDG No.: _____

Matrix (soil/water): WATER Lab Sample ID: 88868.10

Level (low/med): LOW Date Received: 10/19/90

% Solids: _____

Concentration Units (ug/L or mg/kg dry weight): ug/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	179	B		P
7440-36-0	Antimony	50.0	U		P
7440-38-2	Arsenic	1.0	U	W	F
7440-39-3	Barium	11.6	B		P
7440-41-7	Beryllium	1.0			P
7440-43-9	Cadmium	5.0	U		P
7440-70-2	Calcium	32800			P
7440-47-3	Chromium	10.0	U		P
7440-48-4	Cobalt	12.0	U		P
7440-50-8	Copper	15.0	U		P
7439-89-6	Iron	183			P
7439-92-1	Lead	7.0			F
7439-95-4	Magnesium	3090	B		P
7439-96-5	Manganese	37.5			P
7439-97-6	Mercury	0.20	U	N	CV
7440-02-0	Nickel	10.0	U		P
7440-09-7	Potassium	5470			P
7782-49-2	Selenium	1.0	U	W	F
7440-22-4	Silver	6.0	U		P
7440-23-5	Sodium	16900			P
7440-28-0	Thallium	2.0	U		F
7440-62-2	Vanadium	10.0	U		P
7440-66-6	Zinc	4.0	B		P
	Cyanide	10.0	U		C

Color Before: Colorless Clarity Before: Clear Texture: _____

Color After: Colorless Clarity After: Clear Artifacts: _____

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

GM-36 DISSOLVED

Lab Name: Ecology & Environment Inc. Contract: _____

Lab Code: _____ Case No.: 9002.544 SAS No.: _____ SDG No.: _____

Matrix (soil/water): WATER Lab Sample ID: 88876.01

Level (low/med): LOW Date Received: 10/19/90

% Solids: 0

Concentration Units (ug/L or mg/kg dry weight): ug/L

CAS No.	Analyte	Concentration	C	Q	HI
7429-90-5	Aluminum	140	B		P
7440-36-0	Antimony	50.0	U		P
7440-38-2	Arsenic	1.0	U	W	E
7440-39-3	Barium	11.6	B		P
7440-41-7	Beryllium	1.0	U		P
7440-43-9	Cadmium	5.0	U		P
17440-70-2	Calcium	33500			P
7440-47-3	Chromium	10.0	U		P
7440-48-4	Cobalt	12.0	U		P
7440-50-8	Copper	15.0	U		P
7439-89-6	Iron	61.0	B		P
7439-92-1	Lead	1.4	B		E
7439-95-4	Magnesium	3210	B		P
7439-96-5	Manganese	8.2	B		P
7439-97-6	Mercury	0.20	U	N	CV
17440-02-0	Nickel	10.0	U		P
7440-09-7	Potassium	5730			P
7782-49-2	Selenium	1.0	U		E
7440-22-4	Silver	6.0	U		P
7440-23-5	Sodium	19100			P
7440-28-0	Thallium	2.0	U		E
7440-62-2	Vanadium	10.0	U		P
7440-66-6	Zinc	40	B		P
	Cyanide				AS

Color Before: Colorless Clarity Before: Clear Texture: _____

Color After: Colorless Clarity After: Clear Artifacts: _____

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

GM.47

Lab Name: Ecology & Environment Inc. Contract: _____

Lab Code: _____ Case No.: 902.544 SAS NO.: _____ SDG No.: _____

Matrix (soil/water): WATER Lab Sample ID: 88745.10

Level (low/med): LOW Date Received: 10/18/90

% Solids: 0

Concentration Units (ug/L or mg/kg dry weight): ug/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	1080			P
17440-36-0	Antimony	50.0	U		P
7440-38-2	Arsenic	11.6			F
7440-39-3	Barium	42.3	B		P
7440-41-7	Beryllium	1.0	U		P
7440-43-9	Cadmium	5.0	U		P
7440-70-2	Calcium	9810			P
7440-47-3	Chromium	10.0	U		P
7440-48-4	Cobalt	12.0	U		P
17440-50-8	Copper	15.0	U		P
17439-89-6	Iron	6100.			P
7439-92-1	Lead	18.9			F
7439-95-4	Magnesium	2000	B		P
7439-96-5	Manganese	39.6			P
7439-97-6	Mercury	0.20	U	N	CV
17440-02-0	Nickel	10.0	U		P
7440-09-7	Potassium	569	B		P
7782-49-2	Selenium	1.0	U		F
7440-22-4	Silver	6.0	U		P
7440-23-5	Sodium	6650			P
7440-28-0	Thallium	2.0	U		F
7440-62-2	Vanadium	10.0	U		P
7440-66-6	Zinc	161			P
	Cyanide	10.0	U		C

Color Before: Colorless Clarity Before: Cloudy Texture: _____

Color After: Colorless Clarity After: Cloudy Artifacts: _____

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

GM-47 DISSOLVED

Lab Name: Ecology & Environment Inc. Contract: _____

Lab Code: _____ Case No.: 9002544 SAS No.: _____ SDG No.: _____

Matrix (soil/water): WATER Lab Sample ID: 88745.11

Level (low/med): LOW Date Received: 10/18/90

% Solids: 0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No,	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	85.0	B		P
7440-36-0	Antimony	50.0	U		P
7440-38-2	Arsenic	14.8			F
7440-39-3	Barium	35.1	B		P
7440-41-7	Beryllium	1.0	U		P
7440-43-9	Cadmium	5.0	U		P
7440-70-2	Calcium	9690			P
7440-47-3	Chromium	10.0	U		P
7440-48-4	Cobalt	12.0	U		P
7440-50-8	Copper	15.0	U		P
7439-89-6	Iron	5600			P
7439-92-1	Lead	3.7			F
7439-95-4	Magnesium	2050	B		P
7439-96-5	Manganese	39.3			P
7439-97-6	Mercury	0.20	U	N	CV
7440-02-0	Nickel	10.0	U		P
7440-09-7	Potassium	789	B		P
7782-49-2	Selenium	1.0	U		F
7440-22-4	Silver	6.0	U		P
7440-23-5	Sodium	7290			P
7440-28-0	Thallium	2.0	U		F
7440-62-2	Vanadium	10.0	U		P
7440-66-6	Zinc	7.3	B		P
	Cyanide				NR

Color Before: Colorless Clarity Before: Clear Texture: _____

Color After: Colorless Clarity After: Clear Artifacts: _____

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

GM-48

Lab Name: Ecology & Environment Inc. Contract: _____

Lab Code: _____ Case No.: 9002.544 SAS No. : _____ SDG No.: _____

Matrix (soil/water) : WATER Lab Sample ID: 88746.10

Level (low/med) : LOW Date Received: 10/18/90

% Solids: 0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	569			P
7440-36-0	Antimony	50.0	U		P
7440-38-2	Arsenic	1.4	B	W	F
7440-39-3	Barium	172	B		P
7440-41-7	Beryllium	1.0	U		P
7440-43-9	Cadmium	5.0	U		P
7440-70-2	Calcium	83000			P
7440-47-3	Chromium	10.0	U		P
7440-48-4	Cobalt	12.0	U		P
7440-50-8	Copper	15.0	U		P
7439-89-6	Iron	2010.			P
7439-92-1	Lead	67.5			F
7439-95-4	Magnesium	10400			P
7439-96-5	Manganese	229			P
7439-97-6	Mercury	0.20	U	N	CV
7440-02-0	Nickel	10.0	U		P
7440-09-7	Potassium	6700			P
7782-49-2	Selenium	1.0	U		F
7440-22-4	Silver	6.0	U		P
7440-23-5	Sodium	8330			P
7440-28-0	Thallium	2.0	U		F
7440-62-2	Vanadium	10.0	U		P
7440-66-6	Zinc	108			P
	Cyanide	10.0	U		C

Color Before: Colorless Clarity Before: Cloudy Texture: _____

Color After: Colorless Clarity After: Cloudy Artifacts: _____

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

GM-48 DISSOLVED

Lab Name: Ecology & Environment Inc. Contract: _____

Lab Code: _____ Case No.: 9102544 SAS No.: _____ SDG No.: _____

Matrix (soil/water): WATER Lab Sample ID: 88746.11

Level (low/med): LOW Date Received: 10/18/90

% Solids: 0

Concentration Units (ug/L or mg/kg dry weight): ug/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	60.0	U		P
7440-36-0	Antimony	50.0	U		P
7440-38-2	Arsenic	1.0	U		F
7440-39-3	Barium	170	B		P
7440-41-7	Beryllium	1.0	U		P
7440-43-9	Cadmium	5.0	U		P
7440-70-2	Calcium	90500			P
7440-47-3	Chromium	10.0	U		P
7440-48-4	Cobalt	12.0	U		P
7440-50-8	Copper	15.0	U		P
7439-89-6	Iron	148			P
7439-92-1	Lead	1.0	U	W	F
7439-95-4	Magnesium	11200			P
7439-96-5	Manganese	241			P
7439-97-6	Mercury	0.20	U	N	CV
7440-02-0	Nickel	10.0	U		P
7440-09-7	Potassium	7660			P
7782-49-2	Selenium	1.0	U		F
7440-22-4	Silver	6.0	U		P
7440-23-5	Sodium	9540			P
7440-28-0	Thallium	2.0	U	W	F
7440-62-2	Vanadium	10.0	U		P
7440-66-6	Zinc	4.0	U		P
	Cyanide				NR

Color Before: Colorless Clarity Before: Clear Texture: _____

Color After: Colorless Clarity After: Clear Artifacts: _____

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

GM-49

Lab Name: Ecology & Environment Inc. Contract: _____

Lab Code: _____ Case No.: 9002.544 SAS No.: _____ SDG No.: _____

Matrix (soil/water): WATER Lab Sample ID: 88747.10

Level (low/med): LOW Date Received: 10/18/90

% Solids: 0

Concentration Units (ug/L or mg/kg dry weight): ug/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	1570			P
7440-36-0	Antimony	50.0	U		P
7440-38-2	Arsenic	1.0	U		F
7440-39-3	Barium	10.0	U		P
7440-41-7	Beryllium	1.0	U		P
7440-43-9	Cadmium	5.0	U		P
7440-70-2	Calcium	21900			P
7440-47-3	Chromium	52.3			P
7440-48-4	Cobalt	12.0	U		P
7440-50-8	Copper	15.0	U		P
7439-89-6	Iron	3400			P
7439-92-1	Lead	45.5			F
7439-95-4	Magnesium	1980	B		P
7439-96-5	Manganese	101			P
7439-97-6	Mercury	0.20	U	N	CV
7440-02-0	Nickel	25.1	B		P
7440-09-7	Potassium	961	B		P
7782-49-2	Selenium	1.0	U		F
7440-22-4	Silver	6.0	U		P
7440-23-5	Sodium	10900			P
7440-28-0	Thallium	2.0	U		F
7440-62-2	Vanadium	10.0	U		P
7440-66-6	Zinc	34.8			P
	Cyanide	10.0	U		C

Color Before: Colorless Clarity Before: Cloudy Texture: _____

Color After: Colorless Clarity After: Cloudy Artifacts: _____

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

GM-49 DISSOLVED

Lab Name: Ecology & Environment Inc. Contract: _____

Lab Code: _____ Case No.: 902.544 SAS No.: _____ SDG No.: _____

Matrix (soil/water): WATER Lab Sample ID: 88747.11

Level (low/med): LOW Date Received: 10/18/90

% Solids: 0

Concentration Units (ug/L or mg/kg dry weight): ug/L

CAS No.	Analyte	Concentration	C	Q	M
17429-90-5	Aluminum	60.0	U		P
7440-36-0	Antimony	50.0	U		P
7440-38-2	Arsenic	1.0	U		F
7440-39-3	Barium	10.0	U		P
7440-41-7	Beryllium	1.0	U		P
7440-43-9	Cadmium	5.0	U		P
7440-70-2	Calcium	22000			P
7440-47-3	Chromium	10.0	U		P
7440-48-4	Cobalt	12.0	U		P
7440-50-8	Copper	15.0	U		P
7439-89-6	Iron	2070			P
7439-92-1	Lead	1.2	B	W	F
7439-95-4	Magnesium	1940			P
7439-96-5	Manganese	97.5			P
7439-97-6	Mercury	0.20	U	N	CV
7440-02-0	Nickel	10.0	U		P
7440-09-7	Potassium	1040	B		P
7782-49-2	Selenium	1.0	U		F
7440-22-4	Silver	6.0	U		P
7440-23-5	Sodium	9030			P
7440-28-0	Thallium	2.0	U		F
7440-62-2	Vanadium	10.0	U		P
7440-66-6	Zinc	6.8	B		P
	Cyanide				NR

Color Before: Colorless Clarity Before: Clear Texture: _____

Color After: Colorless Clarity After: Clear Artifacts: _____

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

GM-51

Lab Name: Ecology & Environment Inc. Contract: _____

Lab Code: _____ Case No.: 9002544 SAS No.: _____ SDG No.: _____

Matrix (soil/water): WATER Lab Sample ID: 88748.10

Level (low/med): LOW Date Received: 10/18/90

% Solids: 0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	91.0	B		P
7440-36-0	Antimony	50.0	U		P
7440-38-2	Arsenic	1.0	U	W	F
7440-39-3	Barium	69.6	B		P
7440-41-7	Beryllium	1.0			P
17440-43-9	Cadmium	5.0	U		P
7440-70-2	Calcium	479000			P
7440-47-3	Chromium	10.0	U		P
7440-48-4	Cobalt	12.0	U		P
17440-50-8	Copper	15.0	U		P
7439-89-6	Iron	1730			P
7439-92-1	Lead	1.0	U	W	F
7439-95-4	Magnesium	78500			P
7439-96-5	Manganese	34			P
7439-97-6	Mercury	0.20	U	N	CV
7440-02-0	Nickel	10.0	U		P
7440-09-7	Potassium	12600			P
7782-49-2	Selenium	1.0	U	W	F
7440-22-4	Silver	6.0	U		P
7440-23-5	Sodium	1270000			P
7440-28-0	Thallium	2.0	U		F
7440-62-2	Vanadium	10.0	U		P
7440-66-6	Zinc	4.0	U		P
	Cyanide	10.0	U		C

Color Before: Colorless Clarity Before: Clear Texture: _____

Color After: Colorless Clarity After: Clear Artifacts: _____

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

GM-51 DISSOLVED

Lab Name: Ecology & Environment Inc. Contract: _____

Lab Code: _____ Case No.: 9002 SAF SAS No.: _____ SDG No.: _____

Matrix (soil/water): WATER Lab Sample ID: 88748.11

Level (low/med): LOW Date Received: 10/18/90

% Solids: 0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	86.0	B		P
7440-36-0	Antimony	50.0	U		P
7440-38-2	Arsenic	1.0	U	W	F
7440-39-3	Barium	69.0	B		P
7440-41-7	Beryllium	1.0	U		P
7440-43-9	Cadmium	5.0	U		P
7440-70-2	Calcium	454000			P
7440-47-3	Chromium	10.0	U		P
7440-48-4	Cobalt	12.0	U		P
7440-50-8	Copper	15.0	U		P
7439-89-6	Iron	1020			P
7439-92-1	Lead	1.0	U	W	F
7439-95-4	Magnesium	75500			P
7439-96-5	Manganese	307			P
7439-97-6	Mercury	0.20	U	N	CV
7440-02-0	Nickel	10.0	U		P
7440-09-7	Potassium	12900			P
7782-49-2	Selenium	1.0	U	W	F
7440-22-4	Silver	6.0	U		P
7440-23-5	Sodium	1230000			P
7440-28-0	Thallium	2.0	U	W	F
7440-62-2	Vanadium	10.0	U		P
7440-66-6	Zinc	4.0	U		P
	Cyanide				NR

Color Before: Colorless Clarity Before: Clear Texture: _____

Color After: Colorless Clarity After: Clear Artifacts: _____

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO,

GM-52

Lab Name: Ecology & Environment Inc. Contract: _____

Lab Code: _____ Case No.: 9002.544 SAS No.: _____ SDG No.: _____

Matrix (soil/water): WATER Lab Sample ID: 88870.10

Level (low/med): LOW Date Received: 10/19/90

% Solids: 0

Concentration Units (ug/L or mg/kg dry weight): ug/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	5400			P
7440-36-0	Antimony	50.0	U		P
7440-38-2	Arsenic	39.5			F
7440-39-3	Barium	34.8	B		P
17440-41-7	Beryllium	1.0	U		P
17440-43-9	Cadmium	5.0	U		P
7440-70-2	Calcium	4270	B		P
7440-47-3	Chromium	19.4			P
7440-48-4	Cobalt	12.0	U		P
7440-50-8	Copper	15.2	B		P
7439-89-6	Iron	12800			P
7439-92-1	Lead	65.5			F
7439-95-4	Magnesium	1000	B		P
7439-96-5	Manganese	34.4			P
7439-97-6	Mercury	0.20	U	N	CV
7440-02-0	Nickel	10.0	U		P
17440-09-7	Potassium	813	B		P
7782-49-2	Selenium	1.0	U		F
7440-22-4	Silver	6.0	U		P
7440-23-5	Sodium	16700			P
7440-28-0	Thallium	2.0	U		F
7440-62-2	Vanadium	14.8	B		P
7440-66-6	Zinc	93.6			P
	Cyanide	10.0	U		C

Color Before: Yellow Clarity Before: Cloudy Texture: _____

Color After: Yellow Clarity After: Cloudy. Artifacts: _____

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

GM-52

DISSOLVED

Lab Name: & ENVIRONMENT INC. Contract:

Lab Code: Case No.: 9002.544 SAS No.: SDG No.:

Matrix (soil/water): WATER Lab Sample ID: 88874.01

Level (low/med): LOW Date Received: 10/19/90

% Solids: 0

Concentration Units (ug/L or mg/kg dry weight): ug/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	101	B		P
7440-36-0	Antimony	50.0	U		P
7440-38-2	Arsenic	14.9			F
7440-39-3	Barium	10.2	B		P
7440-41-7	Beryllium	1.0	U		P
7440-43-9	Cadmium	5.0	U		P
7440-70-2	Calcium	3790	B		P
7440-47-3	Chromium	10.0	U		P
7440-48-4	Cobalt	12.0	U		P
7440-50-8	Copper	15.0	U		P
7439-89-6	Iron	2480.	B		P
7439-92-1	Lead	1.0	U		F
7439-95-4	Magnesium	839	B		P
17439-96-5	Manganese	24.2			P
7439-97-6	Mercury	0.20	U	N	CV
7440-02-0	Nickel	10.0	U		P
7440-09-7	Potassium	695	B		P
7782-49-2	Selenium	1.0	U		F
7440-22-4	Silver	6.0	U		P
7440-23-5	Sodium	17100			P
7440-28-0	Thallium	2.0	U		F
7440-62-2	Vanadium	10.0	U		P
7440-66-6	Zinc	18.7	B		P
	Cyanide				NR

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

GM-52D

Lab Name: Ecology & Environment Inc. Contract: _____

Lab Code: _____ Case No.: 9002.544 SAS No.: _____ SDG No.: _____

Matrix (soil/water): WATER Lab Sample ID: 8887110

Level (low/med): LOW Data Received: 10/19/90

% Solids: 0

Concentration Units (ug/L or mg/kg dry weight): ug/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	7290			P
7440-36-0	Antimony	50.0	U		P
7440-38-2	Arsenic	38.7			F
7440-39-3	Barium	38.6	B		P
7440-41-7	Beryllium	1.0	U		P
7440-43-9	Cadmium	5.0	U		P
7440-70-2	Calcium	4060	B		P
7440-47-3	Chromium	13.2			P
7440-48-4	Cobalt	12.0	U		P
7440-50-8	Copper	15.5	B		P
7439-89-6	Iron	13100			P
7439-92-1	Lead	58.0			F
7439-95-4	Magnesium	1100	B		P
7439-96-5	Manganese	31.8			P
7439-97-6	Mercury	0.20	U	N	CV
7440-02-0	Nickel	10.0	U		P
7440-09-7	Potassium	634	B		P
7782-49-2	Selenium	1.0	U		F
7440-22-4	Silver	6.0	U		P
7440-23-5	Sodium	15300			P
7440-28-0	Thallium	2.0	U		F
7440-62-2	Vanadium	13.8	B		P
7440-66-6	Zinc	33.7			P
	Cyanide	10.0	U		C

Color Before: Yellow Clarity Before: Cloudy Texture: _____

Color After: Yellow Clarity After: Cloudy Artifacts: _____

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

GM-52D DISSOLVED

Lab Name: Ecology & Environment Inc. Contract: _____

Lab Code: _____ Case No.: 9002.544 SAS No.: _____ SDG No.: _____

Matrix (soil/water): WATER Lab Sample ID: 88973.01

Level (low/med): LOW Date Received: 10/19/90

Solids: 0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	104	B		P
7440-36-0	Antimony	50.0	U		P
7440-38-2	Arsenic	17.3			F
7440-39-3	Barium	14.2	B		P
7440-41-7	Beryllium	1.0	U		P
7440-43-9	Cadmium	5.0	U		P
7440-70-2	Calcium	3570	B		P
7440-47-3	Chromium	10.0	U		P
7440-48-4	Cobalt	12.0	U		P
7440-50-8	Copper	15.0	U		P
7439-89-6	Iron	3330			P
7439-92-1	Lead	1.0	U		F
7439-95-4	Magnesium	801	B		P
7439-96-5	Manganese	20.9			P
7439-97-6	Mercury	0.20	U	N	CV
7440-02-0	Nickel	10.0	U		P
7440-09-7	Potassium	581	B		P
7782-49-2	Selenium	1.0	U		F
7440-22-4	Silver	6.0	U		P
7440-23-5	Sodium	17000			P
7440-28-0	Thallium	2.0	U		F
7440-62-2	Vanadium	10.0	U		P
7440-66-6	Zinc	40.1			P
	Cyanide				NR

Color Before: Colorless Clarity Before: Clear Texture: _____

Color After: Colorless Clarity After: Clear Artifacts: _____

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

G-FB

Lab Name: Ecology & Environment Inc. Contract: _____

Lab Code: _____ Case No.: 9102 SW4 SAS No.: _____ SDG No.: _____

Matrix (soil/water): WATER Lab Sample ID: 88749.10

Level (low/med): LOW Date Received: 10/18/90

% Solids: 0

Concentration Units (ug/L or mg/kg dry weight): ug/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	340			P
7440-36-0	Antimony	50.0	U		P
7440-38-2	Arsenic	1.0	U		F
7440-39-3	Barium	10.0	U		P
7440-41-7	Beryllium	1.0	U		P
7440-43-9	Cadmium	5.0	U		P
7440-70-2	Calcium	500	U		P
7440-47-3	Chromium	10.0	U		P
7440-48-4	Cobalt	12.0	U		P
17440-50-8	Copper	32.2			P
7439-89-6	Iron	412			P
7439-92-1	Lead	1.0	U		F
7439-95-4	Magnesium	500			P
7439-96-5	Manganese	4.5	B		P
7439-97-6	Mercury	0.20	U	N	CV
7440-02-0	Nickel	10.0	U		P
7440-09-7	Potassium	500	U		P
7782-49-2	Selenium	1.0	U		F
7440-22-4	Silver	6.0	U		P
7440-23-5	Sodium	539	B		P
7440-28-0	Thallium	2.0	U		F
7440-62-2	Vanadium	10.0	U		P
7440-66-6	Zinc	4.0	U		P
	Cyanide	10.0	U		C

Color Before: Colorless Clarity Before: Clear Texture: _____

Color After: Colorless Clarity After: Clear Artifacts: _____

Comments:'

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

6-FB

DISSOLVED

Lab Name: Ecology & Environment Inc. Contract: _____

Lab Code: _____ Case No.: 9002.544 SAS No.: _____ SDG No.: _____

Matrix (soil/water): _____ Lab Sample ID: 88749.11

Level (low/med): low Date Received: 10/18/90

% Solids: 0

Concentration Units (ug/L or mg/kg dry weight): ug/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	151	B		P
17440-36-0	Antimony	50.0	U		P
17440-38-2	Arsenic	1.0	U	W	F
7440-39-3	Barium	10.0	U		P
7440-41-7	Beryllium	1.0	U		P
7440-43-9	Cadmium	5.0	U		P
17440-70-2	Calcium	500	U		P
7440-47-3	Chromium	10.0	U		P
7440-48-4	Cobalt	12.0	U		P
7440-50-8	Copper	15.0	U		P
7439-89-6	Iron	59.0	B		P
7439-92-1	Lead	1.0	U		F
7439-95-4	Magnesium	500	U		P
7439-96-5	Manganese	2.0	U		P
7439-97-6	Mercury	0.20	U	N	CV
7440-02-0	Nickel	10.0	U		P
7440-09-7	Potassium	500.	U		P
7782-49-2	Selenium	1.0	U		F
7440-22-4	Silver	6.0	U		P
7440-23-5	Sodium	799	B		P
7440-28-0	Thallium	2.0	U	W	F
7440-62-2	Vanadium	10.0	U		P
7440-66-6	Zinc	4.0	U		P
	Cyanide				NR

Color Before: Colorless Clarity Before: Clear Texture: _____

Color After: Colorless Clarity After: Clear Artifacts: _____

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

RB01-RINS

Lab Name: Ecology & Environment Inc. Contract: _____

Lab Code: _____ Cas. No.: 902.544 SAS No.: _____ SDG No.: _____

Matrix (soil/water): WATER Lab Sample ID: 88750.07

Level (low/med): LOW Data Received: 10/18/90

% Solids: 0

Concentration Units (ug/L or mg/kg dry weight): ug/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	411			P
7440-36-0	Antimony	50.0	U		P
7440-38-2	Arsenic	1.0	U		F
7440-39-3	Barium	10.0	U		P
7440-41-7	Beryllium	1.0	U		P
7440-43-9	Cadmium	5.0	U		P
7440-70-2	Calcium	500	U		P
7440-47-3	Chromium	10.0	U		P
17440-48-4	Cobalt	12.0	U		P
17440-50-8	Copper	34.1			P
7439-89-6	Iron	93.0	B		P
7439-92-1	Lead	1.0	U	W	F
7439-95-4	Magnesium	500	U		P
7439-96-5	Manganese	4.5	B		P
7439-97-6	Mercury	0.21		N	CV
7440-02-0	Nickel	10.0	U		P
7440-09-7	Potassium	500	U		P
7782-49-2	Selenium	1.0	U		F
7440-22-4	Silver	6.0	U		P
7440-23-5	Sodium	544	B		P
7440-28-0	Thallium	2.0	U	W	F
7440-62-2	Vanadium	10.0	U		P
7440-66-6	Zinc	72.0			P
	Cyanide	10.0	U		C

Color Before: Colorless Clarity Before: Clear Texture: _____

Color After: Colorless Clarity After: Clear Artifacts: _____

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

RB01-RINS DISSOLVED

Lab Name: Ecology & Environment Inc. Contract: _____

Lab Code: _____ Case No.: 9002.544 SAS No.: _____ SDG No.: _____

Matrix (soil/water): WATER Lab Sample ID: 88750.08

Level (low/med): LOW Date Received: 10/18/90

% Solids: 0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	162			P
7440-36-0	Antimony	50.0	U		P
7440-38-2	Arsenic	1.0	U	W	F
7440-39-3	Barium	10.0	U		P
7440-41-7	Beryllium	1.0	U		P
7440-43-9	Cadmium	5.0	U		P
7440-70-2	Calcium	500	U		P
7440-47-3	Chromium	10.0	U		P
7440-48-4	Cobalt	12.0	U		P
7440-50-8	Copper	15.0	U		P
7439-89-6	Iron	65.0	B		P
7439-92-1	Lead	1.0	U		F
7439-95-4	Magnesium	500	U		P
7439-96-5	Manganese	2.0	U		P
7439-97-6	Mercury	0.20	U	N	CV
7440-02-0	Nickel	10.0	U		P
7440-09-7	Potassium	500	U		P
7782-49-2	Selenium	1.0	U		F
7440-22-4	Silver	6.0	U		P
7440-23-5	Sodium	3730	B		P
7440-28-0	Thallium	2.0	U	W	F
7440-62-2	Vanadium	10.0	U		P
7440-66-6	Zinc	4.0	U		P
	Cyanide				NR

Color Before: Colorless Clarity Before: _____ Texture: _____

Color After: Colorless clarity After: Clear Artifacts: _____

Comments:

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INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

G-PB

Lab Name: Ecology & Environment Inc. Contract: _____

Lab Code: _____ Case No.: 9102.544 SAS No.: _____ SDG No.: _____

Matrix (soil/water): WATER Lab Sample ID: 88751.05

Level (low/med): LOW Date Received: 10/18/90

% Solids: 0

Concentration Units (ug/L or mg/kg dry weight): ug/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	2190			P
7440-36-0	Antimony	50.0	U		P
7440-38-2	Arsenic	1.0	U	W	F
7440-39-3	Barium	10.0	U		P
7440-41-7	Beryllium	1.0	U		P
7440-43-9	Cadmium	5.0	U		P
7440-70-2	Calcium	500	U		P
7440-47-3	Chromium	10.0	U		P
7440-48-4	Cobalt	12.0	U		P
7440-50-8	Copper	193			P
7439-89-6	Iron	894			P
7439-92-1	Lead	1.0	U	W	F
7439-95-4	Magnesium	500	U		P
7439-96-5	Manganese	13.0	B		P
7439-97-6	Mercury	0.20	U	N	CV
7440-02-0	Nickel	10.0	U		P
7440-09-7	Potassium	500	U		P
7782-49-2	Selenium	1.0	U		F
7440-22-4	Silver	6.0	U		P
7440-23-5	Sodium	1600	B		P
7440-28-0	Thallium	2.0	U	W	F
7440-62-2	Vanadium	10.0	U		P
7440-66-6	Zinc	4.0	U		P
	Cyanide	10.0	U		C

Color Before: Colorless Clarity Before: Clear Texture: _____

Color After: Colorless Clarity After: Clear Artifacts: _____

Comments:

FORM I - IN

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U. S. EPA - CLP

5A

SPIKE SAMPLE RECOVERY

EPA SAMPLE NO.

GM-49 DISSOLVED

Lab Name: Ecology & Environment Inc. Contract: _____

Lab Code: _____ Case No.: 9002.544 SAS No.: _____ SDG No.: _____

Matrix: WATER Level (low/med): LOW

% Solids for Sample: a

Concentration Units (ug/L or mg/kg dry weight): ug/L

Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added (SA)	%R	Q	M
Aluminum									
Antimony									
Arsenic									
Barium									
Beryllium									
Cadmium									
Calcium									
Chromium									
Cobalt									
Copper									
Iron									
Lead									
Magnesium									
Manganese									
Mercury	75-125	0.4900		0.2000	U	1.0	49.0	N	CV
Nickel									
Potassium									
Selenium									
Silver									
Sodium									
Thallium									
Vanadium									
Zinc									
Cyanide									

Comments:

FORM V (Part 1) - IN

recycled paper

ecology and environment

U.S. EPA - CLP

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DUPLICATES

EPA SAMPLE NO.

GM-49
DISSOLVED

Lab Name: Ecology & Environment Inc. Contract: _____

Lab Cod.: _____ Case No.: 9002.544 SAS No.: _____ SDG No.: _____

Matrix (soil/water): WATER Level (low/med): LOW

% Solids for Sample: 0 % Solids for Duplicate: 0

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	M
Aluminum								
Antimony								
Arsenic								
Barium								
Beryllium								
Cadmium								
Calcium								
Chromium								
Cobalt								
Copper								
Iron								
Lead								
Magnesium								
Manganese								
Mercury		0.2000	U	0.2000	U			CV
Nickel								
Potassium								
Selenium								
Silver								
Sodium								
Thallium								
Vanadium								
Zinc								
Cyanide								

FORM VI - IN

JOB NUMBER :9002.551

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
SAMPLE ID LAB :EE-90-88867 MATRIX: VATER
SAMPLE ID CLIENT: P-11-W-015/G/GM15

PARAMETER	RESULTS	Q	DET. LIMIT	UNITS
Total Alkalinity	97		1.0	MG/L CACO3
Total Hardness	100		1.0	MG/L CACO3
Petroleum Hydrocarbons	ND		1.1	MG/L
TOC	5.3		1.0	MG/L

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT
NA = NOT APPLICABLE

JOB NUMBER :9002.544

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UR-6000 NASP PEASE I GROUPS A-E
SAMPLE ID LAB :EE-90-88743 MATRIX: VATER
SAHPLE ID CLIENT: P-11-W-026/G/GM-26

PARAMETER	RESULTS	Q	DET. LIMIT	UNITS
Total Alkalinity	86		1.0	MG/L CACO3
Total Hardness	94		1.0	MG/L CACO3
Petroleum Hydrocarbons	ND		1.0	MG/L
TOC	22		1.0	MG/L

.....

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT
NA = NOT APPLICABLE

JOB NUMBER :9002.544

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PEASE I GROUPS A-E
SAMPLE ID LAB :EE-90-88744 MATRIX: VATER
SAMPLE ID CLIENT: P-11-W-028/G/GM-28

PARAMETER	RESULTS	Q	DET. LIMIT	UNITS
Total Alkalinity	35		1.0	MG/L CACO3
Total Hardness	26		1.0	MG/L CACO3
Petroleum Hydrocarbons	ND		1.0	MG/L
TOC	12		1.0	MG/L

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT
NA = NOT APPLICABLE

JOB NUMBER :9002.551

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
SAMPLE ID LAB :EE-90-88868 MATRIX: WATER
SAMPLE ID CLIENT: P-11-W-036/G/GM36

PARAMETER	RESULTS	Q	DET. LIMIT	UNITS
Total Alkalinity	58		1.0	MG/L CACO3
Total Hardness	95		1.0	MG/L CACO3
Petroleum Hydrocarbons	ND		1.0	MG/L
TOC	6.1		1.0	MG/L

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT
NA = NOT APPLICABLE

JOB NUMBER :9002.544

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
SAHPLE ID LAB :EE-90-88745 MATRIX: VATER
SAHPLE ID CLIENT: P-11-W-047/G/GM-47

PARAMETER	RESULTS	Q	DET. LIHIT	UNITS
Total Alkalinity	45		1.0	MG/L CACO3
Total Hardness	38		1.0	MG/L CACO3
Petroleum Eydrocarbons	ND		1.0	MG/L
TOC	19		1.0	MG/L

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOV STATED DETECTION LIHIT
NA = NOT APPLICABLE

JOB NUMBER :9002.544

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PEASE I GROUPS A-E
SAHPLE ID LAB :EE-90-88746 MATRIX: VATER
SAHPLE ID CLIENT: P-11-W-048/G/GM-48

PARAMETER	RESULTS	Q	DET. LIHIT	UNITS
Total Alkalinity	300		1.0	MG/L CACO3
Total Hardness	270		1.0	MG/L CACO3
Petroleum Hydrocarbons	ND		1.1	MG/L
TOC	17		1.0	MG/L

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT
NA = NOT APPLICABLE

JOB NUMBER :9002.544

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PEASE I GROUPS A-E
SAMPLE ID LAB :EE-90-88747 HATRIX: VATER
SAHPLE ID CLIENT: P-11-W-049/G/GM-49

PARAMETER	RESULTS	Q	DET. LIMIT	UNITS
Total Alkalinity	66		1.0	MG/L CACO3
Total Hardness	70		1.0	MG/L CACO3
Petroleum Hydrocarbons	ND		1.0	MG/L
TOC	12		1.0	MG/L

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT
NA = NOT APPLICABLE

JOB NUMBER :9002.544

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
SAHPLE ID LAB :EE-90-88748 MATRIX: WATER
SAHPLE ID CLIENT: P-11-W-051/G/GM-51

PARAMETER	RESULTS	Q	DET. LIMIT	UNITS
Total Alkalinity	87		1.0	MG/L CACO3
Total Hardness	1600		1.0	MG/L CACO3
Petroleum Hydrocarbons	ND		1.0	MG/L
TOC	5.1		1.0	MG/L

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT
NA = NOT APPLICABLE

JOB NUMBER :9002.551

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
SAMPLE ID LAB :EE-90-88870 HATRIX: WATER
SAMPLE ID CLIENT: P-11-W-052/G/GM52

PARAMETER	RESULTS	Q	DET. LIMIT	UNITS
Total Alkalinity	20		1.0	MG/L CACO3
Total Hardness	58		1.0	MG/L CACO3
TOC	13		1.0	MG/L

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT
NA = NOT APPLICABLE

JOB NUMBER :9002.551

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
SAMPLE ID LAB :EE-90-88871 MATRIX: WATER
SAMPLE ID CLIENT: P-11-W-052D/G/GM52D

PARAMETER	RESULTS	Q	DET. LIMIT	UNITS
Total Alkalinity	20		1.0	MG/L CACO3
Total Hardness	18		1.0	MG/L CACO3
Petroleum Hydrocarbons	ND		1.1	MG/L
TOC	34		1.0	MG/L

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT
NA = NOT APPLICABLE

JOB NUMBER :9002.544

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PEASE I GROUPS A-E
SAMPLE ID LAB :EE-90-88749 MATRIX: WATER
SAMPLE ID CLIENT: P-11-W-FB01/G/FB

PARAHETER	RESULTS	Q	DET. LIHIT	UNITS
Total Alkalinity	ND		1.0	MG/L CACO3
Total Hardness	3.9		1.0	MG/L CACO3
Petroleum Hydrocarbons	ND		1.0	MG/L
TOC	ND		1.0	MG/L

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT
NA = NOT APPLICABLE

JOB NUMBER :9002.544

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
SAHPLE ID LAB :EE-90-88750 MATRIX: WATER
SAMPLE ID CLIENT: P-11-W-RB01/G/RINSATE

PARAMETER	RESULTS	Q	DET. LIMIT	UNITS
Petroleum Hydrocarbons	ND		1.0	MG/L

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT
NA = NOT APPLICABLE

JOB NUMBER :9002.544

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
SAHPLE ID LAB :EE-90-88751 MATRIX: VATER
SAHPLE ID CLIENT: P-11-W-PB01/G/PB

PARAMETER	RESULTS	Q	DET. LIMIT	UNITS
Petroleum Hydrocarbons	ND		1.1	MG/L

QUALIFIERS: C = COMMENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT
NA = NOT APPLICABLE

QUALITY CONTROL FOR PRECISION
RESULTS OF ANALYSIS OF REPLICATE
ANALYSES OF WATER SAMPLES

9002.544

(mg/L $CaCo_3$)

Parameter	E & E Laboratory No. 90-	Original Analysis	Replicate Analysis	Relative Percent Difference (RPD)
Total Alkalinity				
	Batch QC	20	20	0.0
Total Hardness				
	Batch QC	39	39	0.0
	88748	1600	1700	6.1

QUALITY CONTROL FOR ACCURACY: PERCENT RECOVERY
FOR SPIKED WATER SAMPLES

9002.544

(mg/L $CaCo_3$)

Parameter	E C E Laboratory No. 90-	Original Value	Amount Added	Amount Determined	Percent Recovery
Total Alkalinity					
	Ref. Std.	ND	100	98	98
Total Hardness					
	Ref. Std.	ND	1000	1000	100
	Ref. Std.	ND	1000	1000	100

QUALITY CONTROL FOR PRECISION
RESULTS OF ANALYSIS OF REPLICATE
ANALYSES OF VATER SAMPLES

9002.551

(mg/L $CaCo_3$)

Parameter	E & E Laboratory No. 90-	Original Analysis	Replicate Analysis	Relative Percent Difference (RPD)
Total Alkalinity				
	88871	20	20	0.0
Total Hardness				
	Batch QC	1600	1700	6.1

QUALITY CONTROL FOR ACCURACY: PERCENT RECOVERY
FOR SPIKED WATER SAMPLES

9002.551

(mg/L $CaCo_3$)

Parameter	E & E Laboratory No. 90-	Original Value	Amount Added	Amount Determined	Percent Recovery
Total Alkalinity					
	Ref. Std.	ND	100	98	98
Total Hardness					
	Ref. Std.	ND	1000	1000	100
	Ref. Std.	ND	1000	1000	100

OUALITY CONTROL FOR PRECISION
RESULTS OF ANALYSIS OF REPLICATE
ANALYSES OF WATER SAMPLES

9002.551

(mg/L)

Parameter	E & E Laboratory No. 90-	Original Analysis	Replicate Analysis	Relative Percent Difference (RPD)
Total Organic Carbon				
	Batch QC	35	37	5.6
	88866	24	20	18.0

QUALITY CONTROL FOR PRECISION
RESULTS OF ANALYSIS OF REPLICATE
ANALYSES OF VATER SMPLES

9002.544

(mg/L)

Parameter	E & E Laboratory No. 90-	Original Analysis	Replicate Analysis	Relative Percent Difference (RPD)
Total Organic Carbon				
	Batch QC	35	37	5.6
	Batch QC	24	20	18.0

QUALITY CONTROL FOR ACCURACY: PERCENT RECOVERY
FOR SPIKED WATER SAMPLES

9002.551

(mg/L)

Parameter	E & E Laboratory No. 90-	Original Value	Amount Added	Amount Determined	Percent Recovery
T. Recoverable Petroleum Hydrocarbons					
	DI Spike	ND	8.7	8.1	93
	Ref. Std.	ND	13.0	14.0	108
Total Organic Carbon					
	Ref. Std.	ND	2000	2000	100
	Ref. Std.	ND	2000	2000	100

QUALITY CONTROL FOR ACCURACY: PERCENT RECOVERY
FOR SPIKED WATER SAMPLES

9002.544

(mg/L)

Parameter	E & E Laboratory No. 90-	Original Value	Amount Added	Anount Determined	Percent Recovery
T. Recoverable Petroleum Hydrocarbons					
	DI Spike	ND	8.7	8.7	100
	Ref. Std.	ND	13.0	16.0	120
	DI Spike	ND	8.7	8.3	95
Total Organic Carbon					
	Ref. Std.	ND	2000	2000	100
	Ref. Std.	ND	2000	2000	100

JOB NUMBER :9002.551

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
SAMPLE ID LAB : METHOD BLANK MATRIX: VATER

PARAMETER	RESULTS	Q	DET. LIMIT	UNITS
Petroleum Hydrocarbons	ND		1.0	MG/L

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QUALIFIERS: C = COHHENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOW STATED DETECTION LIMIT
NA = NOT APPLICABLE

JOB NUMBER :9002.544

Ecology and Environment, Inc.
Analytical Services Center

CLIENT : UH-6000 NASP PHASE I GROUPS A-E
SAMPLE ID LAB : HETHOD BLANK MATRIX: WATER

PARAMETER	RESULTS	Q	DET. LIMIT	UNITS
Petroleum Hydrocarbons	ND		1.0	MG/L

QUALIFIERS: C = COHHENT ND = NOT DETECTED
J = ESTIMATED VALUE B = ALSO PRESENT IN BLANK
L = PRESENT BELOV STATED DETECTION LIMIT
NA = NOT APPLICABLE

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GM15

Lab Name: E & E INC. Contract:

Lab Code: EANDE Case No.: 9002_544 SAS No.: SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 88867

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: D8324

Level: (low/med) LOW Date Received: 10/19/90

% Moisture: not dec. Date Analyzed: 10/25/90

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	6	B
67-64-1	Acetone	15	B
75-15-0	Carbon Disulfide	5	U
75-35-4	1,1-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
540-59-0	1,2-Dichloroethene (total)	5	U
67-66-3	Chloroform	5	U
107-06-2	1,2-Dichloroethane	5	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
108-05-4	Vinyl Acetate	10	U
75-27-4	Bromodichloromethane	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
79-01-6	Trichloroethene	5	U
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	5	U
10061-02-6	trans-1,3-Dichloropropene	5	U
75-25-2	Bromoform	5	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-88-3	Toluene	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
100-42-5	Styrene	5	U
1330-20-7	Xylene (total)	5	U

1E

UOLATILE ORGANICS ANALYSIS'OATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

GM15

Lab Name: E & E INC. Contract:

Lab Code: EANDE Case No.: 9002-544 SAS No.: SDG No. :

Matrix: (soil/water) WATER Lab Sample ID: 88867

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: 08324

Level: (low/med) LOW Date Received: 10/19/90

% Moisture: not dec. Date Analyzed: 10/25/90

Column (pack/cap) CAP Dilution Factor: 1.0

Number TICs found: 3

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 76131	Freon-113	4.30	13	BJ
2. 110543	Hexane	6.79	17	BJ
3.	UNKNOWN HYOROCPRBON	23.17	5.6185	

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1A
UOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GM26

Lab Name: E & E INC. Contract :

Lab Code: EANDE Case No.: 9002-544 SAS No.: SDC No. :

Matrix: (soil/water) WATER Lab Sample ID: 88743

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: D8298

Level: (low/med) LOW Date Received: 10/18/90

% Moisture: not dec. Date Analyzed: 10/24/90

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	6	B
67-64-1	Acetone	34	B
75-15-0	Carbon Disulfide	5	U
75-35-4	1,1-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
540-59-0	1,2-Dichloroethene (total)	5	U
67-66-3	Chloroform	5	U
107-06-2	1,2-Dichloroethane	5	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
108-05-4	Vinyl Acetate	10	U
75-27-4	Bromodichloromethane	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
79-01-6	Trichloroethene	5	U
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	5	U
10061-02-6	trans-1,3-Dichloropropene	5	U
75-25-2	Bromoform	5	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-88-3	Toluene	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
100-42-5	Styrene	5	U
1330-20-7	Xylene (total)	5	U

1E
UOLATILE ORGANICS ANALYSIS OATA SHEET
TENTATIUELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

GM26

Lab Name: E & E INC. Contract :

'Lab Code: EANDE Case No.: 9002-544 SAS No.: SDG No. :

Matrix: (soil/water) WATER Lab Sample ID: 88743

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: 08298

Leve1: (low/med) LOW Date Receiued: 10/18/90

% Moisture: not dec. Date Analyzed: 10/24/90

Co lumn (pack/cap) CAP Dilution Factor: 1.0

Number TICs found 3

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	2.64	6.6	BJ
2. 76131	Freon-113	4.27	9.0	BJ
3. 110543	Hexane	6.79	9.0	BJ

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GM28

Lab Name: E & E INC. Contract:

Lab Code: EANOE Case No.: 9002-544 SAS No.: SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 88744

Sample wt/vol: 5.0 (g/mL) ML Lab file ID: 08299

Level: (low/med) LOW Date Received: 10/18/90

% Moisture: not dec. Date Analyzed: 10/24/90

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	5	B
67-64-1	Acetone	44	B
75-15-0	Carbon Disulfide	5	U
75-35-4	1,1-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
540-59-0	1,2-Dichloroethene (total)	5	U
67-66-3	Chloroform	5	U
107-06-2	1,2-Dichloroethane	5	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
108-05-4	Vinyl Acetate	10	U
75-27-4	Bromodichloromethane	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
79-01-6	Trichloroethene	5	U
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	5	U
10061-02-6	trans-1,3-Dichloropropene	5	U
75-25-2	Bromoform	5	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-88-3	Toluene	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
100-42-5	Styrene	5	U
1330-20-7	Xylene (total)	5	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIWELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

GM28

Lab Name: E & E INC. Contract:

Lab Code: EANDE Case No.: 9002-544 SAS No.: SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 68744

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: 08299

Level: (low/med) LOW Date Received: 10/18/90

% Moisture: not dec. Date Analyzed: 10/24/90

Column (pack/cap) CAP Dilution Factor: 1.0

Number TICs found: 10

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	2.75	6.7	BJ
2. 76131	freon-113	4.30	14	BJ
3. 110543	Hexane	6.82	6.0183	
4.	UNKNOWN HYDROCARBON	10.43	7.813	
5.	UNKNOWN HYDROCARBON	12.96	13	J
o.	UNKNOWN	13.85	13	J
7.	UNKNOWN	26.93	7.013	
8.	METHYL PROPYL BENZENE ISOMER	27.63	13	J
9.	METHYL INDENE ISOMER	28.06	12	J
10.	DIMETHYL INDENE ISOMER	28.45	13	J

1A

UOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GM36

Lab Name: E 6 E INC. Contract :

Lab Code: EANOE Case No.: 9002-544 SAS No.: SOG No. :

Matrix: (soil/water) WATER Lab Sample IO: 88868

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: 08357

Leve1: (low/med) LOW Date Receiued: 10/19/90

% Moisture: not dec. Date Analyzed: 10/26/90

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	10	IU
74-83-9	Bromomethane	10	IU
75-01-4	Vinyl Chloride	10	IU
75-00-3	Chloroethane	10	IU
75-09-2	Methylene Chloride	18	IB
67-64-1	Acetone	17	IB
75-15-0	Carbon Disulfide	5	IU
75-35-4	1,1-Dichloroethene	5	IU
75-34-3	1,1-Dichloroethane	5	IU
540-59-0	1,2-Dichloroethene (total)	5	IU
67-66-3	Chloroform	5	IU
107-06-2	1,2-Dichloroethane	5	IU
78-93-3	2-Butanone	10	IU
71-55-6	1,1,1-Trichloroethane	5	IU
56-23-5	Carbon Tetrachloride	5	IU
108-05-4	Vinyl Acetate	10	IU
75-27-4	Bromodichloromethane	5	IU
78-87-5	1,2-Dichloropropane	5	IU
10061-01-5	cis-1,3-Dichloropropene	5	IU
79-01-6	Trichloroethene	5	IU
124-48-1	Dibromochloromethane	5	IU
79-00-5	1,1,2-Trichloroethane	5	IU
71-43-2	Benzene	5	IU
10061-02-6	trans-1,3-Dichloropropene	5	IU
75-25-2	Bromoform	5	IU
108-10-1	4-Methyl-2-Pentanone	10	IU
591-78-6	2-Hexanone	10	IU
127-18-4	Tetrachloroethene	5	IU
79-34-5	1,1,2,2-Tetrachloroethane	5	IU
108-88-3	Toluene	5	IU
108-90-7	Chlorobenzene	5	IU
100-41-4	Ethylbenzene	5	IU
100-42-5	Styrene	5	IU
1330-20-7	Xylene (total)	5	IU

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

GM36

Lab Name: E & E INC. Contract:

Lab Code: EANDE Case No.: 9002-544 SAS No.: SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 88868

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: D8357

Level: (low/med) LOW Date Received: 10/19/90

% Moisture: not dec. Date Analyzed: 10/26/90

Column (pack/cap) CAP Dilution Factor: 1.0

Number TICs found: 4

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	2.61	6.1	J
2. 76131	Freon-113	4.32	13	BJ
3. 110543	Hexane	6.80	13	BJ
4.	UNKNOWN	26.87	6.0	J

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GM47

Lab Name: E & E INC. Contract:

Lab Code: EANDE Case No.: 9002-544 SAS No. : SDG No. :

Matrix: (soil/water) WATER Lab Sample ID: 88745

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: D8300

Level: (low/med) LOW Date Received: 10/18/90

% Moisture: not dec. Date Analyzed: 10/25/90

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	30	
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	5	B
67-64-1	Acetone	36	B
75-15-0	Carbon Disulfide	2	J
75-35-4	1,1-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
540-59-0	1,2-Dichloroethene (total)	2	J
67-66-3	Chloroform	5	U
107-06-2	1,2-Dichloroethane	5	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
108-05-4	Vinyl Acetate	10	U
75-27-4	Bromodichloromethane	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
79-01-6	Trichloroethene	5	U
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	5	
10061-02-6	trans-1,3-Dichloropropene	5	U
75-25-2	Bromoform	5	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-88-3	Toluene	7	
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	24	
100-42-5	Styrene	5	U
1330-20-7	Xylene (total)	89	

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
GM47

Lab Name: E & E INC. Contract:

Lab Code: EANDE Case No.: 9002-544 SAS No.: SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 68745

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: 08300

Level: (low/med) LOW Date Received: 10/18/90

% Moisture: not dec. Date Analyzed: 10/25/90

Column (pack/cap) CAP Dilution Factor: 1.0

Number TICs found: 10

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN HYDROCARBON	10.39	59	J
2.	UNKNOWN HYDROCARBON	13.00	49	J
3.	TRIMETHYL BENZENE ISOMER	23.60	120	J
4.	ETHYL METHYL BENZENE ISOMER	24.26	33	J
5.	TRIMETHYL BENZENE ISOMER	24.61	250	J
a.	ETHYL METHYL BENZENE ISOMER	25.81	130	J
7.	ETHYL DIMETHYL BENZENE ISOME	26.63	83	J
a.	METHYL PROPYL BENZENE ISOMER	27.41	41	J
9.	BUTYL BENZENE ISOMER	27.04	37	J
10.	TETRAMETHYL BENZENE ISOMER	28.57	34	J

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GM48

b Name: E & E INC. Contrsct :

Lab Code: EANDE Case No.: 9002_544 SAS No.: SDG No. :

Matrix: (soil/water) WATER Lab Sample ID: 88746

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: 08301

Level: (low/med) LOW Date Received: 10/18/90

% Moisture: not dec. Date Analyzed: 10/25/90

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	6	B
67-64-1	Acetone	40	B
75-15-0	Carbon Disulfide	3	J
75-35-4	1,1-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
540-59-0	1,2-Dichloroethene (total)	5	U
67-66-3	Chloroform	5	U
107-06-2	1,2-Dichloroethane	5	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
108-05-4	Vinyl Acetate	10	U
75-27-4	Bromodichloromethane	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
79-01-6	Trichloroethene	5	U
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	5	U
10061-02-6	trans-1,3-Dichloropropene	5	U
75-25-2	Bromoform	5	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-88-3	Toluene	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
100-42-5	Styrene	5	U
1330-20-7	Xylene (total)	5	U

1E
UOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIUELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

GM48

Lab Name: E & E INC. Contract:

Lab Code: EANDE Case No.: 9002-544 SAS No.: SDG No.:

Matrix: (soil/water) WATER Lab Sample IO: 88746

Sample wt/vol: 5.0 (g/mL) ML Lab File IO: 08301

Level: (low/med) LOW Date Received: 10/18/90

% moisture: not dec. Date Analyzed: 10/25/90

Column (pack/cap) CAP Dilution Factor: 1.0

Number TICs found 5

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	2.63	6.6	BJ
2. 76131	Freon-113	4.26	13	BJ
3. 110543	Hexane	6.78	8.0	BJ
4.	UNKNOWN HYDROCARBON	28.17	5.013	
5.	METHYL NAPHTHALENE ISOMER	29.07	29	IJ

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GM49

Lab Name: E & E INC. Contract:

Lab Code: EANDE Case No.: 9002-544 SAS No. : SDG No. :

Matrix: (soil/water) WATER Lab Sample ID: 88747

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: 08302

Level: (low/med) LOW Date Received: 10/18/90

% Moisture: not dec. Date Analyzed: 10/25/90

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	4	BJ
67-64-1	Acetone	12	B
75-15-0	Carbon Disulfide	5	
75-35-4	1,1-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
540-59-0	1,2-Dichloroethene (total)	5	U
67-66-3	Chloroform	4	U
107-06-2	1,2-Dichloroethane	5	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
108-05-4	Vinyl Acetate	10	U
75-27-4	Bromodichloromethane	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
79-01-6	Trichloroethene	5	U
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	5	U
10061-02-6	trans-1,3-Dichloropropene	5	U
75-25-2	Bromoform	5	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-88-3	Toluene	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
100-42-5	Styrene	5	U
1330-20-7	Xylene (total)	5	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAHPLE NO.

GM49

Lab Name: E 6 E INC. Contract:

Lab Code: EANDE Case No.: 9002-544 SAS No.: SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 88747

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: 09302

Level: (low/med) LOW Date Received: 10/18/90

% Moisture: not dec. Date Analyzed: 10/25/90

Column (pack/cap) CAP Dilution Factor: 1.0

Number TICs found: 2 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	2.63	7.0	BJ
2. 110543	Hexane	6.82	6.0	BJ

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GM51

Lab Name: E & E INC. Contract:

Lab Code: EANOE Case No.: 9002-544 SAS No.: SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 88748

Sample wt/vol: 5.0 (g/mL) ML Lab Fils ID: 08303

Level: (low/med) LOW Date Received: 10/18/90

% Moisture: not dec. Date Analyzed: 10/25/90

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	4	BJ
67-64-1	Acetone	9	BJ
75-15-0	Carbon Disulfide	29	
75-35-4	1,1-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
540-59-0	1,2-Dichloroethene (total)	5	U
67-66-3	Chloroform	5	U
107-06-2	1,2-Dichloroethane	5	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
108-05-4	Vinyl Acetate	10	U
75-27-4	Bromodichloromethane	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
79-01-6	Trichloroethene	5	U
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	5	U
10061-02-6	trans-1,3-Dichloropropene	5	U
75-25-2	Bromoform	5	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	5	
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-88-3	Toluene	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
100-42-5	Styrene	5	U
1330-20-7	Xylene (total)	5	U

1E

VOLATILE ORGANICS ANALYSIS OATA SHEET
TENTATIUELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

GM51

Lab Name: E & E INC. Contract :

Lab Code: EANDE Case No.: 9002-544 SAS No.: SDG No. :

Matrix: (soil/water) WATER Lab Sample ID: 88748

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: D8303

Level: (low/med) LOW Date Received: 10/18/90

% Moisture: not dec. Date Analyzed: 10/25/90

Column (pack/cap) CAP Dilution Factor: 1.0

Number TICs found: 2

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	2.63	7.0	BJ
2. 110543	Hexane	6.82	6.0	BJ

1A
UOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GM52

Lab Name: E & E INC. Contract:

Lab Code: EANDE Case No.: 9002_544 SAS No. : SDG No. :

Matrix: (soil/water) WATER Lab Sample ID: 88870

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: 08359

Level: (low/med) LOW Date Receiucd: 10/19/90

% Moisture: not dec. Date Analyzed: 10/26/90

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NU.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	310	E
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	20	B
67-64-1	Acetone	17	B
75-15-0	Carbon Disulfide	5	U
75-35-4	1,1-Dichloroethene	11	
75-34-3	1,1-Dichloroethane	5	U
540-59-0	1,2-Dichloroethene (total)	1300	E
67-66-3	Chloroform	5	U
107-06-2	1,2-Dichloroethane	5	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
108-05-4	Vinyl Acetate	10	U
75-27-4	Bromodichloromethane	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
79-01-6	Trichloroethene	100	
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	5	U
10061-02-6	trans-1,3-Dichloropropene	5	U
75-25-2	Bromoform	5	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	5	
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-88-3	Toluene	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
100-42-5	Styrene	5	U
1330-20-7	Xylene (total)	5	U

1E

UOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNOS

EPA SAMPLE NO.

GM52

Lab Name: E & E INC. Contract:

Lab Code: EANOE Case No.: 9002_544 SAS No.: SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 88870

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: D8359

Level: (low/med) LOW Date Received: 10/19/90

% Moisture: not dec. Date Analyzed: 10/26/90

Column (pack/cap) CAP Dilution Factor: 1.0

Number TICs found: 3

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 354234	1,2-dichloro-1,1,2-trifiuoro.	3.50	70	J
2. 76131	Ifreon-113	4.24	14	BJ
3.	UNKNOWN	26.83	9.0	J

1A

UOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GM52DL

Lab Name: E & E INC. Contract :

Lab Code: EANDE Case No. : 9002-544 SAS No. : SDC No. :

Matrix: (soil/water) WATER Lab Sample ID: 88870RE

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: D8392

Level: (low/med) LOW Date Received: 10/19/90

% Moisture: not dec. Date Analyzed: 10/27/90

Column: (pack/cap) CAP Dilution factor: 10

CAS NO,	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	100	U
74-83-9	Bromomethane	100	U
75-01-4	Vinyl Chloride	210	
75-00-3	Chloroethane	100	U
75-09-2	Methylene Chloride	90	BJ
67-64-1	Acetone	230	B
75-15-0	Carbon Disulfide	50	U
75-35-4	1,1-Dichloroethene	50	U
75-34-3	1,1-Dichloroethane	50	U
540-59-0	1,2-Dichloroethene (total)	1100	
67-66-3	Chloroform	50	U
107-06-2	1,2-Dichloroethane	50	U
78-93-3	2-Butanone	100	U
71-55-6	1,1,1-Trichloroethane	50	U
56-23-5	Carbon Tetrachloride	50	U
108-05-4	Vinyl Acetate	100	U
75-27-4	Bromodichloromethane	50	U
78-87-5	1,2-Dichloropropane	50	U
10061-01-5	cis-1,3-Dichloropropene	50	U
79-01-6	Trichloroethene	80	
124-48-1	Dibromochloromethane	50	U
79-00-5	1,1,2-Trichloroethane	50	U
71-43-2	Benzene	50	U
10061-02-6	trans-1,3-Dichloropropene	50	U
75-25-2	Bromoform	50	U
108-10-1	4-Methyl-2-Pentanone	100	U
591-78-6	2-Hexanone	100	U
127-18-4	Tetrachloroethene	50	U
79-34-5	1,1,2,2-Tetrachloroethane	50	U
108-88-3	Toluene	50	U
108-90-7	Chlorobenzene	50	U
100-41-4	Ethylbenzene	50	U
100-42-5	Styrene	50	U
1330-20-7	Xylene (total)	50	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COHPOUNOS

EPA SAMPLE NO.

GM52DL

Lab Name: E 6 E INC. Contract :

Lab Code: EANDE Case No.: 9002_544 SAS No.: SDG No. :

Matrix: (soil/water) WATER Lab Sample ID: 88870RE

Sample wt/vol : 5.0 (g/mL) ML Lab File ID: D8392

Level : (low/med) LOW Date Receiued: 10/19/90

% Moisture: not dac. Date Analyzed: 10/27/90

Column (pack/cap) CAP Dilution Factor: 10

Number TICs found: 2

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 76131	Freon-113	4.26	55	J
2. 110543	Hexane	6.75	80	BJ

1A

VOLATILE ORGANICS ANALYSIS OATA SHEET

EPA SAMPLE NO.

GM52D

Lab Name: E & E INC. Contract :

Lab Code: EANDE Case No.: 9002-544 SAS No. : SDG No. :

Matrix: (soil/water) WATER Lab Sample ID: 88871

Sample wt/vol: 5.0 (g/mL) ML Lab File IO: D8328

Level: (low/med) LOW Date Received: 10/19/90

% Moisture: not dec. Date Analyzed: 10/25/90

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	260	E
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	6	B
67-64-1	Acetone	19	B
75-15-0	Carbon Disulfide	5	U
75-35-4	1,1-Dichloroethene	9	
75-34-3	1,1-Dichloroethane	5	U
540-59-0	1,2-Dichloroethene (total)	1100	E
67-66-3	Chloroform	5	U
107-06-2	1,2-Dichloroethane	5	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
108-05-4	Vinyl Acetate	10	U
75-27-4	Bromodichloromethane	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
79-01-6	Trichloroethens	88	
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	5	U
10061-02-6	trans-1,3-Dichloropropene	5	U
75-25-2	Bromoform	5	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachlorocthene	4	IJ
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-88-3	Toluene	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
100-42-5	Styrene	5	U
1330-20-7	Xylene (total)	5	U

1E
VOLATILE ORGANICS ANALYSIS OATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

GM52D

Lab Name: E & E INC. Contract:

Lab Coda: EANDE Case No.: 9002_544 SAS No. : SDG No. :

Matrix: (soil/water) WATER Lab Sample ID: 88871

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: D8328

Leve1: (low/med) LOW Date Received: 10/19/90

% Moisture: not dec. Date Analyzed: 10/25/90

Column (pack/cap) CAP Dilution Factor: 1.0

Number TICs found: 2

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 354234	1,2-Dichloro-1,1,2-trifluoro	3.49	68	J
2. 76131	Freon-113	4.22	16	BJ

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1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GM52DDL

Lab Name: E & E INC. Contract:

Lab Code: EANDE Case No.: 9002-544 SAS No.: SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 88871

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: 08360

Level: (low/med) LOW Date Received: 10/19/90

% Moisture: not dec. Date Analyzed: 10/26/90

Column: (pack/cap) CAP Dilution Factor: 10

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	100	U
74-83-9	Bromomethane	100	U
75-01-4	Vinyl Chloride	330	
75-00-3	Chloroethane	100	U
75-09-2	Methylene Chloride	220	a
67-64-1	Acetone	190	e
75-15-0	Carbon Disulfide	40	J
75-35-4	1,1-Dichloroethene	50	U
75-34-3	1,1-Dichloroethane	50	U
540-59-0	1,2-Dichloroethene (total)	1300	
67-66-3	Chloroform	50	U
107-06-2	1,2-Dichloroethane	50	U
78-93-3	2-Butanone	100	U
71-55-6	1,1,1-Trichloroethane	50	U
56-23-5	Carbon Tetrachloride	50	U
108-05-4	Vinyl Acetate	100	U
75-27-4	Bromodichloromethane	50	U
78-87-5	1,2-Dichloropropane	50	U
10061-01-5	cis-1,3-Dichloropropene	50	U
79-01-6	Trichloroethene	100	
124-48-1	Dibromochloromethane	50	U
79-00-5	1,1,2-Trichloroethane	50	U
71-43-2	Benzene	50	U
10061-02-6	trans-1,3-Dichloropropene	50	U
75-25-2	Bromoform	50	U
108-10-1	4-Methyl-2-Pentanone	100	U
591-78-6	2-Hexanone	100	U
127-18-4	Tetrachloroethene	50	U
79-34-5	1,1,2,2-Tetrachloroethane	50	U
108-88-3	Toluene	50	U
108-90-7	Chlorobenzene	50	U
100-41-4	Ethylbenzene	50	U
100-42-5	Styrene	50	U
1330-20-7	Xylene (total)	50	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

GM52DDL

Lab Name: E & E INC. Contract:

Lab Code: EANDE Case No.: 9002-544 SAS No.: SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 88871

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: D8360

Level: (low/med) LOW Date Received: 10/19/90

% Moisture: not dec. Date Analyzed: 10/26/90

Column (pack/cap) CAP Dilution Factor: 10

Number TICs found: 4

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	2.60	61	J
2. 354234	1,2-dichloro-1,1,2-trifluoro	3.45	80	J
3. 76131	Freon-113	4.31	100	BJ
4. 110543	Hexane	6.83	140	BJ

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TB01

b Name: E & E INC. Contract:

Lab Code: EANDE Case No.: 9002_544 SAS No.: SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 88752

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: 08321

Level: (low/med) LOW Date Received: 10/18/90

% Moisture: not dec. Date Analyzed: 10/25/90

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	9	B
67-64-1	Acetone	21	B
75-15-0	Carbon Disulfide	5	U
75-35-4	1,1-Dichloroethene	4	U
75-34-3	1,1-Dichloroethane	5	U
540-59-0	1,2-Dichloroethene (total)	5	U
67-66-3	Chloroform	3	U
107-06-2	1,2-Dichloroethane	E	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
108-05-4	Vinyl Acetate	10	U
75-27-4	Bromodichloromethane	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
79-01-6	Trichloroethene	5	U
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	5	U
10061-02-6	trans-1,3-Dichloropropene	5	U
75-25-2	Bromoform	5	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-88-3	Toluene	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
100-42-5	Styrene	4	U
1330-20-7	Xylene (total)	5	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIE3 COMPOUNDS

EPA SAMPLE NO.

TB01

Lab Name: E & E INC. Contract:

Lab Code: EANDE Case No.: 9002_544 SAS No.: SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 88752

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: 08321

Level: (low/med) LOW Date Received: 10/18/90

% Moisture: not dec. Date Analyzed: 10/25/90

Column (pack/cap) CAP Dilution Factor: 1.0

Number TICs found: 4

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 76131	Freon-113	4.18	17	BJ
2. 110543	Hexane	6.78	12	BJ
3.	UNKNOWN HYDROCARBON	23.17	6.6	J
4.	UNKNOWN	26.85	5.0	J

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TB02

Lab Name: E & E INC. Contract :

Lab Code: EANDE Case No. : 9002_544 SAS No.: SDG No. :

Matrix: (soil/water) WATER Lab Sample ID: 88872

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: D8331

Level: (low/med) LOW Date Received: 10/19/90

% Moisture: not aec. Date Analyzed: 10/25/90

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	113	B
67-64-1	Acetone	18	B
75-15-0	Carbon Disulfide	5	U
75-35-4	1,1-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
540-59-0	1,2-Dichloroethene (total)	6	U
67-66-3	Chloroform	5	U
107-06-2	1,2-Dichloroethane	5	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	6	U
108-05-4	Vinyl Acetate	10	U
75-27-4	Bromodichloromethane	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	4	U
79-01-6	Trichloroethene	5	U
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	5	U
10061-02-6	trans-1,3-Dichloropropene	5	U
75-25-2	Bromoform	5	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-88-3	Toluene	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
100-42-5	Styrene	5	U
1330-20-7	Xylene (total)	5	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

TB02

Lab Name: E & E INC. Contract:

Lab Code: EANDE Case No.: 9002_544 SAS No.: SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 88872

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: D8331

Level: (low/med) LOW Date Received: 10/19/90

% Moisture: not dec. Date Analyzed: 10/25/90

Column (pack/cap) CAP Dilution Factor: 1.0

Number TICs found: 3 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 76131	Freon-113	4.22	8.0	BJ
2. 110543	Hexane	6.78	16	BJ
3.	UNKNOWN	26.85	6.0	J

VOLATILE ORGANICS 1A ANALYSIS DATA SHEET

EPA SAMPLE NO.

FB01

Lab Name: E & E INC. Contract:

Lab Code: EANDE Case No.: 9002_544 SAS No.: SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 88749

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: 08304

Level: (low/med) LOW Date Received: 10/18/90

% Moisture: not dec. Date Analyzed: 10/25/90

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	6	B
67-64-1	Acetone	12	B
75-15-0	Carbon Disulfide	3	J
75-35-4	1,1-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
540-59-0	1,2-Dichloroethene (total)	5	U
67-66-3	Chloroform	5	U
107-06-2	1,2-Dichloroethane	5	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
108-05-4	Vinyl Acetate	10	U
75-27-4	Bromodichloromethane	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
79-01-6	Trichloroethene	5	U
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	5	U
10061-02-6	trans-1,3-Dichloropropene	5	U
75-25-2	Bromoform	5	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-88-3	Toluene	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
100-42-5	Styrene	5	U
1330-20-7	Xylene (total)	5	U

1E
UOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIUELY IDENTIFIED COMPOUNDS

EPA SAHPLE NO.

FB01

Lab Name: E & E INC. Contract:

Lab Code: EANDE Case No.: 9002_544 SAS No.: SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 88749

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: D8304

Level: (low/med) LOW Date Received: 10/18/90

% Moisture: not dec. Date Analyzed: 10/25/90

Column (pack/cap) CAP Dilution Factor: 1.0

Number TICs found: 2

CONCENTRATION UNITS:
(ug/L or ug/Kg UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	2.71	7.0	BJ
2. 110543	Hexane	6.82	7.0183	

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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RB01-RINS

Lab Name: E & E INC. Contrsct:

Lab Code: EANOE Case No.: 9002-544 SAS No.: SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 88750

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: D8354

Level: (low/med) LOW Date Receiued: 10/18/90

% moisture: not dec. Date Analyzed: 10/26/90

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	16	B
67-64-1	Acetone	15	B
75-15-0	Carbon Disulfide	5	U
75-35-4	1,1-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
540-59-0	1,2-Dichloroethene (total)	5	U
67-66-3	Chloroform	5	U
107-06-2	1,2-Dichloroethane	5	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
108-05-4	Vinyl Acetate	10	U
75-27-4	Bromodichloromethane	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
79-01-6	Trichloroethene	5	U
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	5	U
10061-02-6	trans-1,3-Dichloropropene	5	U
75-25-2	Bromoform	5	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-88-3	Toluene	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
100-42-5	Styrene	5	U
1330-20-7	Xylene (total)	5	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

RB01-RINS

Lab Name: E & E INC. Contract :

Lab Code: EANDE Case No.: 9002_544 SAS No.: SDG No. :

Matrix: (soil/water) WATER Lab Sample ID: 68750

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: 08354

Level: (low/med) LOW Date Received: 10/18/90

% Moisture: not dec. Date Analyzed: 10/26/90

Column (pack/cap) CAP Dilution Factor: 1.0

Number TICs found: 4

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	2.67	5.0	J
2. 76131	Freon-113	4.34	12	BJ
3. 110543	Hexane	6.82	5.0	BJ
4.	UNKNOWN	26.85	6.0	J

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PB01

Lab Name: E & E INC. Contract:

Lab Code: EANOE Case No.: 9002-544 SAS No.: SDG No.:

flatrix: (soil/water) WATER Lab Sample ID: 88751

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: 08355

Level: (low/med) LOW Date Receiued: 10/18/90

% Moisture: not dec. Date Analyzed: 10/26/90

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	16	B
67-64-1	Acetone	12	B
75-15-0	Carbon Disulfide	5	U
75-35-4	1,1-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
540-59-0	1,2-Dichloroethene (total)	5	U
67-66-3	Chloroform	5	U
107-06-2	1,2-Dichloroethane	5	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
108-05-4	Vinyl Acetate	10	U
75-27-4	Bromodichloromethane	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
79-01-6	Trichloroethene	5	U
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	5	U
10061-02-6	trans-1,3-Dichloropropene	5	U
75-25-2	Bromoform	5	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-88-3	Toluene	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
100-42-5	Styrene	5	U
1330-20-7	Xylene (total)	5	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIUELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

PB01

Lab Name: E & E INC. Contrsct:

Lab Code: EANOE Case No.: 9002_544 SAS No. : SOG No. :

Matrix: (soil/water) WATER Lab Sample ID: 88751

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: 08355

Leve1: (low/med) LOW Date Received: 10/18/90

% Moisture: not dec. Date Analyzed: 10/26/90

Column (pack/cap5 CAP Dilution Factor: 1.0

Number TICs found: 4

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	2.66	5.7	J
2. 76131	Freon-113	4.33	11	BJ
3. 110543	Hexane	6.78	7.0	BJ
4.	UNKNOWN	26.85	13	J

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLKW1

Lab Name: E & E INC. Contract:

Lab Code: EANDE Case No.: 9002_544 SAS No.: SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: VBLKW1

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: D8286

Level: (low/med) LOW Date Received:

% Moisture: not dec. Date Analyzed: 10/24/90

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	7	
67-64-1	Acetone	21	
75-15-0	Carbon Disulfide	5	U
75-35-4	1,1-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
540-59-0	1,2-Dichloroethene (total)	5	U
67-66-3	Chloroform	5	U
107-06-2	1,2-Dichloroethane	5	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
108-05-4	Vinyl Acetate	10	U
75-27-4	Bromodichloromethane	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
79-01-6	Trichloroethene	5	U
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	5	U
10061-02-6	trans-1,3-Dichloropropene	5	U
75-25-2	Bromoform	5	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-88-3	Toluene	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
100-42-5	Styrene	5	U
1330-20-7	Xylene (total)	5	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

VBLKW1

Lab Name: E & E INC. Contract:

Lab Code: EANDE Case No.: 9002_544 SAS No.: SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: VBLKW1

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: D928c

Level: (low/med) LOW Date Received:

% Moisture: not aec. Date Analyzed: 10/24/90

Column (pack/cap) CAP Dilution Factor: 1.0

Number TICs found: 3

CONCENTRATION UNITS:
(ug/L or ug/kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	2.55	18	J
2. 76131	Freon-113	4.18	9.1	J
3. 110543	Hexane	5.71	8.0	J

1A
VOLATILE ORGANI[redacted] ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLKW5

Lab Name: E & E INC. Contract:

Lab Code: EANDE Case No.: 9002_544 [redacted] No.: SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: VBLKW5

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: C4232

Level: (low/med) LOW Date Received:

% Moisture: not dec. Date Analyzed: 10/25/90

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) UG/L	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	4	J
67-64-1	Acetone	19	
75-15-0	Carbon Disulfide	5	U
75-35-4	1,1-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
540-59-0	1,2-Dichloroethene (total)	5	U
67-66-3	Chloroform	5	U
107-06-2	1,2-Dichloroethane	5	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
108-05-4	Vinyl Acetate	10	U
75-27-4	Bromodichloromethane	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
79-01-6	Trichloroethene	5	U
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	5	U
10061-02-6	trans-1,3-Dichloropropene	5	U
75-25-2	Bromoform	5	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-88-3	Toluene	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
100-42-5	Styrene	5	U
1330-20-7	Xylene (total)	5	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

VBLKW5

Lab Name: E & E INC. Contract:

Lab Code: EANDE Case No.: 9002_544 SAS No.: SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: VBLKW5

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: C4232

Level: (low/med) LOW Date Received:

% Moisture: not dec. Date Analyzed: 10/25/90

Column (pack/cap) CAP Dilution Factor: 1.0

Number TICs found: 1

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 110543	Hexane	5.05	38	J

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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLKW2

Lab Name: E & E INC. Contract:

Lab Code: EANDE Case No.: 9002_544 SAS No.: SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: VBLKW2

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: 08318

Level: (low/med) LOW Date Received:

% Moisture: not dec. Date Analyzed: 10/25/90

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	9	
67-64-1	Acetone	10	
75-15-0	Carbon Disulfide	5	U
75-35-4	1,1-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
540-59-0	1,2-Dichloroethene (total)	5	U
67-66-3	Chloroform	5	U
107-06-2	1,2-Dichloroethane	5	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
108-05-4	Vinyl Acetate	10	U
75-27-4	Bromodichloromethane	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
79-01-6	Trichloroethene	5	U
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	5	U
10061-02-6	trans-1,3-Dichloropropene	5	U
75-25-2	Bromoform	5	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-88-3	Toluene	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
100-42-5	Styrene	5	U
1330-20-7	Xylene (total)	5	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

VBLKW2

Lab Name: E & E INC. Contract:

Lab Code: EANDE Case No.: 9002_544 SAS No.: SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: VBLKW2

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: D9318

Level: (low/med) LOW Date Received:

% Moisture: not dec. Date Analyzed: 10/25/90

Column (pack/cap) CAP Dilution Factor: 1.0

Number TICs found: 3

CONCENTRATION UNITS: (ug/L or ug/kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 76131	Freon-113	4.34	30	J
2. 110543	Hexane	6.83	13	J
3.	UNKNOWN HYDROCARBON	23.17	5.0	J

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLKW6

Lab Name: E & E INC. Contract:

Lab Code: EANOE Case No.: 9002_544 SAS No.: SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: VBLKW6

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: C4254

Level: (low/med) LOW Gate Received:

% Moisture: not dec. Date Analyzed: 10/26/90

Column: (pack/cap) CAP Dilution Factor: 1.0

CONCENTRATION UNITS: (ug/L or ug/kg) UG/L

3

CAS NO.	COMPOUND		
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	5	
67-64-1	Acetone	46	
75-15-0	Carbon Disulfide	5	U
75-35-4	1,1-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
540-59-0	1,2-Dichloroethene (total)	5	U
67-66-3	Chloroform	5	U
107-06-2	1,2-Dichloroethane	5	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
108-05-4	Vinyl Acetate	10	U
75-27-4	Bromodichloromethane	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
79-01-6	Trichloroethene	5	U
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	5	U
10061-02-6	trans-1,3-Dichloropropene	5	U
75-25-2	Bromoform	5	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-88-3	Toluene	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
100-42-5	Styrene	5	U
1330-20-7	Xylene (total)	5	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

E?k SAMPLE NO.

VBLKW6

Lab Name: E & E INC. Contract:

Lab Code: EANDE Case ho.: 9002_544 SAS No.: SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: VBLKWo

Samole wt/vol: 5.0 (g/mL) ML Lab File ID: C4254

Level: (low/med) LOW Date Received:

% Moisture: not dec. Date Analyzed: 10/2o/90

Column (pack/cap) CAP Dilution Factor: 1.0

Number TICs found: 2 CONCENTRATION UNITS: (ug/L or ug/kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 110543	Hexane	5.05	27	J
2.	UNKNOWN	25.17	7.0	J

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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLKW3

Lab Name: E & E INC. Contract:

Lab Code: EANDE Case No.: 9002_544 SAS No.: SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: VBLKW3

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: D8353

Level: (low/med) LOW Date Received:

% Moisture: not dec. Date Analyzed: 10/26/90

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	10	
67-64-1	Acetone	11	
75-15-0	Carbon Disulfide	5	U
75-35-4	1,1-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
540-59-0	1,2-Dichloroethene (total)	5	U
67-66-3	Chloroform	5	U
107-06-2	1,2-Dichloroethane	5	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
108-05-4	Vinyl Acetate	10	U
75-27-4	Bromodichloromethane	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
79-01-6	Trichloroethene	5	U
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	5	U
10061-02-6	trans-1,3-Dichloropropene	5	U
75-25-2	Bromoform	5	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-88-3	Toluene	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
100-42-5	Styrene	5	U
1330-20-7	Xylene (total)	5	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

VBLKW3

Lab Name: E & E INC. Contract:

Lab Code: EANDE Case No.: 9002_544 SAS No.: SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: VBLKW3

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: D8353

Level: (low/med) LOW Date Received:

% Moisture: not dec. Date Analyzed: 10/26/90

Column (pack/cap) CAP Dilution Factor: 1.0

Number TICs found: 2 CONCENTRATION UNITS: (ug/L or ug/kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 76131	Freon-113	4.20	9.0	J
2. 110543	Hexane	6.73	5.0	J

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLKW4

Lab Name: E & E INC. Contract:

Lab Code: EANDE Case No.: 9002-544 SAS No.: SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: VBLKW4

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: 08391

Level: (low/med) LOW Date Received:

% Moisture: not dec. Date Analyzed: 10/27/90

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	12	
67-64-1	Acetone	27	
75-15-0	Carbon Disulfide	5	U
75-35-4	1,1-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
540-59-0	1,2-Dichloroethene (total)	5	U
67-66-3	Chloroform	5	U
107-06-2	1,2-Dichloroethane	5	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
108-05-4	Vinyl Acetate	10	U
75-27-4	Bromodichloromethane	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
79-01-6	Trichloroethene	5	U
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	5	U
10061-02-6	trans-1,3-Dichloropropene	5	U
75-25-2	Bromoform	5	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-88-3	Toluene	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
100-42-5	Styrene	5	U
1330-20-7	Xylene (total)	5	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

VBLKW4

Lab Name: E 6 E INC. Contract:

Lab Code: EANDE Case No.: 9002-544 SAS No.: SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: VBLKW4

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: D8391

Level: (low/med) LOW Date Received:

% Moisture: not dec. Date Analyzed: 10/27/90

Column (pack/cap) CAP Dilution Factor: 1.0

Number TICs found: 1

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 110543	Hexane	6.75	10	J

1A
VOLATILE ORGANICS *ANALYSIS* DATA SHEET

EPA SAMPLE NO.

GM52DLMS

Name: E & E INC. Contract:

Lab Code: EANDE Case No.: 9002-544 SAS No.: SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 88870REMS

Sample wt/vol: 5.0 (g/mL) ML Lab Fils ID: 08393

Level: (low/med) LOW Date Receiued: 10/19/90

% Moisture: not dec. Date Analyzed: 10/27/90

Column: (pack/cap) CAP Dilution Factor: 10

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	100	U
74-83-9	Bromomethane	100	U
75-01-4	Vinyl Chloride	180	
75-00-3	Chloroethane	100	U
75-09-2	Methylene Chloride	100	B
67-64-1	Acetone	140	B
75-15-0	Carbon Disulfide	50	U
75-35-4	1,1-Dichloroethene	50	U
75-34-3	1,1-Dichloroethane	50	U
540-59-0	1,2-Dichloroethene (total)	960	
67-66-3	Chloroform	50	U
107-06-2	1,2-Dichloroethane	50	U
78-93-3	2-Butanone	100	U
71-55-6	1,1,1-Trichloroethane	50	U
56-23-5	Carbon Tetrachloride	50	U
108-05-4	Vinyl Acetate	100	U
75-27-4	Bromodichloromethane	50	U
78-87-5	1,2-Dichloropropane	50	U
10061-01-5	cis-1,3-Dichloropropene	50	U
79-01-6	Trichloroethene	50	U
124-48-1	Dibromochloromethane	50	U
79-00-5	1,1,2-Trichloroethane	50	U
71-43-2	Benzene	50	U
10061-02-6	trans-1,3-Dichloropropene	50	U
75-25-2	Bromoform	50	U
108-10-1	4-Methyl-2-Pentanone	100	U
591-78-6	2-Hexanone	100	U
127-18-4	Tetrachloroethene	50	U
79-34-5	1,1,2,2-Tetrachloroethane	50	U
108-88-3	Toluene	50	U
108-90-7	Chlorobenzene	50	U
100-41-4	Ethylbenzene	50	U
100-42-5	Styrene	50	U
1330-20-7	Xylene (total)	50	U

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GM59MS

Lab Name: E & E INC. Contract:

Lab Code: EANOE Case No.: 9002-544 SAS No.: SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 89097MS

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: C4235

Level: (low/med) LOW Date Received: 10/20/90

% moisture: not dec. Date Analyzed: 10/25/90

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	6	B
67-64-1	Acetone	43	B
75-15-0	Carbon Disulfide	5	U
75-35-4	1,1-Dichloroethene	5	U
75-34-3	1,1-Dichloroethsne	5	U
540-59-0	1,2-Dichloroethene (total)	5	U
67-66-3	Chloroform	5	U
107-06-2	1,2-Dichloroethane	5	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
108-05-4	Vinyl Acetate	10	U
75-27-4	Bromodichloromethane	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
79-01-6	Trichloroethene	5	U
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	5	U
10061-02-6	trans-1,3-Dichloropropene	5	U
75-25-2	Bromoform	5	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethane	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-88-3	Toluene	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
100-42-5	Styrene	5	U
1330-20-7	Xylene (total)	5	U

1A
UOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GM52DLMSD

Lab Name: E & E INC. Contract:

Lab Code: EANDE Case No.: 9002-544 SAS No.: SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 88870REMSD

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: 08394

Level: (low/med) LOW Date Receiued: 10/19/90

% Moisture: not dec. Date Analyzed: 10/27/90

Column: (pack/cap) CAP Dilution Factor: 10

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	100	U
74-83-9	Bromomethane	100	U
75-01-4	Vinyl Chloride	200	
75-00-3	Chloroethane	100	U
75-09-2	Methylene Chloride	130	B
67-64-1	Acetone	170	B
75-15-0	Carbon Disulfide	50	U
75-35-4	1,1-Dichloroethene	50	U
75-34-3	1,1-Dichloroethane	50	U
540-59-0	1,2-Dichloroethene (total)	1100	
67-66-3	Chloroform	50	U
107-06-2	1,2-Dichloroethane	50	U
78-93-3	2-Butanone	100	U
71-55-6	1,1,1-Trichloroethane	50	U
56-23-5	Carbon Tetrachloride	50	U
108-05-4	Vinyl Acetate	100	U
75-27-4	Bromodichloromethane	50	U
78-87-5	1,2-Dichloropropane	50	U
10061-01-5	cis-1,3-Dichloropropene	50	U
79-01-6	Trichloroethenc	50	U
124-48-1	Dibromochloromethane	50	U
79-00-5	1,1,2-Trichloroethane	50	U
71-43-2	Benzene	50	U
10061-02-6	trans-1,3-Dichloropropene	50	U
75-25-2	Bromoform	50	U
108-10-1	4-methyl-2-Pentanone	100	U
591-78-6	2-Hexanone	100	U
127-18-4	Tetrachloroethene	50	U
79-34-5	1,1,2,2-Tetrachloroethane	50	U
108-88-3	Toluene	50	U
108-90-7	Chlorobenzene	50	U
100-41-4	Ethylbenzene	50	U
100-42-5	Styrene	50	U
1330-20-7	Xylene (total)	50	U

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GM15

Lab Name: E & E INC. Contract :

Lab Code: EANDE Case No.: 9002-544 SAS No.: SDG No. :

Matrix: (soil/water) WATER Lab Sample ID: 88867

Sample wt/vol: 1000 (g/mL) ML Lab File ID: E3091

Level: (low/med) LOW Date Received: 10/19/90

% Moisture: not dec. dec. Date Extracted: 10/24/90

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 11/13/90

GPC Cleanup: (Y/N) N pH: Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl)Ether	10	U
95-57-8	2-Chlorophenol	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
100-51-6	Benzyl Alcohol	10	U
95-50-1	1,2-Dichlorobenzene	10	U
95-48-7	2-Methylphenol	10	U
39638-32-9	bis(2-Chloroisopropyl)Ether	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	N-Nitroso-Di-n-Propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
65-85-0	Benzoic Acid	50	U
111-91-1	bis(2-Chloroethoxy)Methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
59-50-7	4-Chloro-3-Methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	50	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	50	U
131-11-3	Dimethyl Phthalate	10	U
208-96-8	Acenaphthylene	10	U
606-20-2	2,6-Dinitrotoluene	10	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GM15

ab Name: E & E INC. Contract:

Lab Code: EANDE Case No.: 9002-544 SAS No.: SDG No. :

Matrix: (soil/water) WATER Lab Sample ID: 88867

Sample wt/vol: 1000 (g/mL) ML Lab File ID: E3091

Level: (low/med) LOW Date Receiued: 10/19/90

% Moisture: not dec. dec. Date Extracted: 10/24/90

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 11/13/90

GPC Cleanup: (Y/N) N pH: Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
99-09-2	3-Nitroaniline	50	U
83-32-9	Acenaphthene	10	U
51-28-5	2,4-Dinitrophenol	50	U
100-02-7	4-Nitrophenol	50	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
86-73-7	Fluorene	10	U
100-10-6	4-Nitroaniline	50	U
534-52-1	4,6-Dinitro-2-Methylphenol	50	U
86-30-6	N-Nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
87-86-5	Pentachlorophenol	50	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
84-74-2	Di-n-Butylphthalate	4	IJ
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	20	U
56-55-3	Benzo(a)Anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)Phthalate	5	BJ
117-84-0	Di-n-Octyl Phthalate	10	U
205-99-2	Benzo(b)Fluoranthene	10	U
207-08-9	Benzo(k)Fluoranthene	10	U
50-32-8	Benzo(a)Pyrene	10	U
193-39-5	Indeno(1,2,3-cd)Pyrene	10	U
53-70-3	Dibenz(a,h)Anthracene	10	U
191-24-2	Benzo(g,h,i)Perylene	10	U

(1) - Cannot be separated from Diphenylamine

1F

SERIUOLATILE **ORGANICS** ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED CORPOUNOS

EPA SAMPLE NO.

GM15

Lab **Name: E & E** INC. **Contract :**

Lab Code: EANOE Case No.: 9002-544 SAS No.: SDG No. :

Matrix: (soil/water) **WATER** Lab **Sample IO:** 88867

Sample wt/vol: 1000 (g/mL) ML Lab File **ID:** E3091

Leve1: (low/med) LOW Date Receiued: 10/19/90

% Moisture: not dec. dec. Date Extracted: 10/24/90

Extraction: (SepF/Cont/Sonc) **SEPF** Date Analyzed: 11/13/90

CPC Cleanup: (Y/N) N pH: Dilution Factor: 1.0

Number TICs found: 8

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	6.17	9.0	J
2.	UNKNOWN	7.06	9.0	J
3. 930337	2-Cyclohexen-1-one	8.22	9.0	J
4.	IUNKNOWN HYDROCARBON	22.62	8.0	J
5.	UNKNOWN HYDROCARBON	29.41	9.0	J
6.	IUNKNOWN HYRDROCARBON	30.51	10	J
7.	IUNKNOWN HYDROCARBON	32.27	17	J
a.	IUNKNOWN	34.22	30	J

FORM I **SU-TIC** **1/67 Reu.**

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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GM26

Lab Name: E & E INC. Contract:

Lab Code: EANOE Case No.: 9002-544 SAS No.: SDG No. :

Matrix: (soil/water) WATER Lab Sample ID: 88743

Sample wt/vol: 1000 (g/mL) ML Lab File ID: 87114

Level: (low/med) LOW Date Received: 10/18/90

% Moisture: not dec. dec. Date Extracted: 10/23/90

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 11/02/90

GPC Cleanup: (Y/N) N pH: Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATIUN UNITS: (ug/L or ug/Kg) UG/L	Q
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl)Ether	10	U
95-57-8	2-Chlorophenol	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
100-51-6	Benzyl Alcohol	10	U
95-50-1	1,2-Dichlorobenzene	10	U
95-48-7	2-Methylphenol	10	U
39638-32-9	bis(2-Chloroisopropyl)Ether	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	N-Nitroso-Di-n-Propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
65-85-0	Benzoic Acid	50	U
111-91-1	bis(2-Chloroethoxy)Methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
59-50-7	4-Chloro-3-Methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	50	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	50	U
131-11-3	Dimethyl Phthalate	10	U
208-96-8	Acenaphthylene	10	U
606-20-2	2,6-Dinitrotoluene	10	U

1C

SEMIVOLATILE ORGANICS ANALYSIS OATA SHEET

EPA SAMPLE NO.

GM26 **3**

Lab Name: E & E INC. Contract:

Lab Code: EANDE Case No.: 9002_544 SAS No.: SDC No. :

Matrix: (soil/water) WATER Lab Sample ID: 88743

Samp e wt/vol: 1000 (g/mL) ML Lab File ID: B7114

Leve : (low/med) LOW Date Received: 10/18/90

% Mo sture: not dec. dec. Date Extracted: 10/23/90

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 11/02/90

GPC Cleanup: (Y/N) N pH: Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
99-09-2	3-Nitroaniline	50	U
83-32-9	kcenaphthtne	10	U
51-28-5	2,4-Dinitrophenol	50	U
100-02-7	4-Nitrophenol	50	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
7005-72-3	4-Chlorophenyl-phenylether	LO	U
86-73-7	Fluorene	10	U
100-10-6	4-Nitroaniline	50	U
534-52-1	4,6-Dinitro-2-Methylphenol	50	U
86-30-6	N-Nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
87-86-5	Pentachlorophenol	50	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
84-74-2	Di-n-Butylphthalate	4	BJ
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	20	U
56-55-3	Benzo(a)Anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)Phthalate	10	B
117-84-0	Di-n-Octyl Phthalate	10	U
205-99-2	Benzo(b)Fluoranthene	10	U
207-08-9	Benzo(k)Fluoranthene	10	U
50-32-8	Benzo(a)Pyrene	10	U
193-39-5	Indeno(1,2,3-cd)Pyrene	10	U
53-70-3	Dibenz(a,h)Anthracene	10	U
191-24-2	Benzo(g,h,i)Perylene	10	U

(1) - Cannot be separated from Diphenylamine

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

GM26

Lab Name: E & E INC. Contract:

Lab Code: EANDE Case No.: 9002_544 SAS No.: SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 88743

Sample wt/vol: 1000 (g/mL) ML Lab File ID: 87114

Level: (low/med) LOW Date Received: 10/18/90

% Moisture: not dec. dec. Date Extracted: 10/23/90

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 11/02/90

GPC Cleanup: (Y/N) N pH: Dilution Factor: 1.0

Number TICs found: 7

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 108930	Cyclohexanol	5.13	8.0	J
2. 930687	2-Cyclohexen-1-one	6.35	12	BJ
3. 111466	2,2'-Oxybis-ethanol	8.07	170	BJ
4.	UNKNOWN	6.73	15	BJ
5.	UNKNOWN HYDROCARBON	26.53	600	J
6.	UNKNOWN HYDROCARBON	29.81	17	BJ
7.	UNKNOWN	33.07	13	BJ

18

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GM28

Lab Name: E 8 E INC. Contract:

Lab Code: EANDE Case No.: 9002-544 SAS No.: SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 88744

Sample wt/vol: 1000 (g/mL) ML Lab File ID: 07115

Level: (low/med) LOW Date Received: 10/18/90

% Moisture: not dec. dec. Date Extracted: 10/23/90

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 11/02/90

GPC Cleanup: (Y/N) N pH: Dilution factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl)Ether	10	U
95-57-8	2-Chlorophenol	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
100-51-6	Benzyl Alcohol	10	U
95-50-1	1,2-Dichlorobenzene	10	U
95-48-7	2-Methylphenol	10	U
39638-32-9	bis(2-Chloroisopropyl)Ether	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	N-Nitroso-Di-n-Propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
65-85-0	Benzoic Acid	50	U
111-91-1	bis(2-Chloroethoxy)Methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
59-50-7	4-Chloro-3-Methylphenol	10	U
91-57-6	2-Methylnaphthalene	7	IJ
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	50	U
91-58-7	2-Chlaronaphthalene	10	U
88-74-4	2-Nitroaniline	50	U
131-11-3	Dimethyl Phthalate	10	U
208-96-8	Acenaphthylene	10	U
606-20-2	2,6-Dinitrotoluene	~~10~~	U

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SEMIUOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GM28

Lab Name: E & E INC. Contract:

Lab Code: EANDE Case No.: 9002-544 SAS No.: SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 88744

Sample wt/vol: 1000 (g/mL) ML Lab File ID: B7115

Level: (low/med) LOW Date Received: 10/18/90

% Moisture: not dec. dec. Date Extracted: 10/23/90

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 11/02/90

GPC Cleanup: (Y/N) N pH: Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
99-09-2	3-Nitroaniline	50	U
83-32-9	Acenaphthene	10	U
51-28-5	2,4-Dinitrophenol	50	U
100-02-7	4-Nitrophenol	50	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	1	J
7005-72-3	4-Chlorophenyl-phenylether	10	U
86-73-7	Fluorene	10	U
100-10-6	4-Nitroaniline	50	U
534-52-1	4,6-Dinitro-2-Methylphenol	50	U
86-30-6	N-Nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
87-86-5	Pentachlorophenol	50	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
84-74-2	Di-n-Butylphthalate	3	BJ
206-44-0	fluorant orananthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	20	U
56-55-3	Benzo(a)Anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)Phthalate	17	B
117-84-0	Di-n-Octyl Phthalate	10	U
205-99-2	Benzo(b)Fluoranthene	10	U
207-08-9	Benzo(k)Fluoranthene	10	U
50-32-8	Benzo(a)Pyrene	10	U
193-39-5	Indeno(1,2,3-cd)Pyrene	10	U
53-70-3	Dibenz(a,h)Anthracene	10	U
191-24-2	Benzo(g,h,i)Perylene	10	U

(1) - Cannot be separated from Diphenylamine

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COHPOUNOS

EPA SAHPLE NO.

GM28

Lab Name: E & E INC. Contract:

Lab Code: EANDE Case No.: 9002-544 SAS No.: SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 88744

Samp1e wt/vo1: 1000 (g/mL) ML Lab File ID: E7115

Leve1: (low/med) LOW Date Received: 10/18/90

% Moisture: not dec. dec. Date Extracted: 10/23/90

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 11/02/90

CPC Cleanup: (Y/N) N pH: Dilution Factor: 1.0

Number TICs found: 18

CONCENTRATION UNITS:.
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUNG NAME	RT	EST. CONC.	Q
1. 930687	2-Cyclohexen-1-one	6.35	9.0	BJ
2. 111466	2,2'-oxybis-ethano1	8.93	530	BJ
3.	ETHYL DIMETHYL BENZENE ISOME	10.24	12	IJ
4.	UNKNOWN	13.74	19	IJ
5.	UNKNOWN	16.12	8.0	IJ
6.	DIMETHYL NAPHTHALENE ISOMER	16.43	8.0	IJ
7.	OXYCENATED HYDROCARBON	17.64	12	IJ
8.	UNKNOWN ACID	19.05	11	IJ
9.	UNKNOWN	22.67	16	IJ
10.	UNKNOWN ACID	24.46	20	IJ
11.	UNKNOWN HYDROCARBON	25.88	1300	IJ
12.	UNKNOWN HYDROCARBON	26.55	100	IJ
13.	UNKNOWN	29.61	38	IJ
14.	UNKNOWN	32.64	15	IJ
15.	UNKNOWN	33.07	29	IJ
16.	UNKNOWN	36.30	14	IJ
17.	UNKNOWN HYDROCARBON	38.41	14	IJ
18.	UNKNOWN HYDROCARBON	41.77	13	IJ

SEMIUOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GM36

Lab Name: E & E INC. Contract:

Lab Code: EANDE Case No.: 9002-544 SAS No.: SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 88868

Sample wt/vol: 1000 (g/mL) ML Lab File ID: E3113

Level: (low/med) LOW Date Received: 10/19/90

% Moisture: not dec. dec. Date Extracted: 10/24/90

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 11/14/90

GPC Cleanup: (Y/N) N pH: Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl)Ether	10	U
95-57-8	2-Chlorophenol	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
100-51-6	Benzyl Alcohol	10	U
95-50-1	1,2-Dichlorobenzene	10	U
95-48-7	2-Methylphenol	10	U
39638-32-9	bis(2-Chloroisopropyl)Ether	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	N-Nitroso-Di-n-Propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
65-85-0	Benzoic Acid	50	U
111-91-1	bis(2-Chloroethoxy)Methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
59-50-7	4-Chloro-3-Methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	50	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	50	U
131-11-3	Dimethyl Phthalate	10	U
208-96-8	Acenaphthylene	10	U
606-20-2	2,6-Dinitrotoluene	10	U

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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GM36

Lab Name: E & E INC. Contract:

Lab Code: EANDE Case No.: 9002-544 SAS No.: SOG No.:

Matrix: (soil/water) WATER Lab Sample ID: 68868

Sample wt/vol: 1000 (g/mL) ML Lab File ID: E3113

Level: (low/med) LOW Date Received: 10/19/90

% Moisture: not dec. dec. Date Extractea: 10/24/90

Extraction: (SepF/Cont/Sonc) SEPF Gate Analyzed: 11/14/90

GPC Cleanup: (Y/N) N pH: Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
99-09-2	3-Nitroaniline	50	U
83-32-9	Acenaphthene	10	U
51-28-5	2,4-Dinitrophenol	50	U
100-02-7	4-Nitrophenol	50	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
86-73-7	Fluorene	10	U
100-10-6	4-Nitroaniline	50	U
534-52-1	4,6-Dinitro-2-Methylphenol	50	U
86-30-6	N-Nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
87-86-5	Pentachlorophenol	50	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
84-74-2	Di-n-Butylphthalate	1	J
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	20	U
56-55-3	Benzo(a)Anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)Phthalate	8	BJ
117-84-0	Di-n-Octyl Phthalate	10	U
205-99-2	Benzo(b)Fluoranthene	10	U
207-08-9	Benzo(k)Fluoranthene	10	U
50-32-8	Benzo(a)Pyrene	10	U
193-39-5	Indeno(1,2,3-cd)Pyrene	10	U
53-70-3	Dibenz(a,h)Anthracene	10	U
191-24-2	Benzo(g,h,i)Perylene	10	U

(1) - Cannot be separated from Giphenylamine

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIUELY IOENTIFIED COMPOUNDS

€PA' SAMPLE NO.

GM36

Lab Name: E & E INC. Contract:

Lab Code: EANDE Case No.: 9002_544 SAS No. : SDG No. :

Matrix: (soil/water) WATER Lab Sample ID: 88868

Samp e wt/vol: 1000 (g/mL) ML Lab File ID: E3113

Leve (low/med) LOW Date Received: 10/19/90

% no sture: not dec. dec. Date Extracted: 10/24/90

Extraction: (SepF/Cont/Sonc) SEPF Gate Analyzed: 11/14/90

GPC Cleanup: (Y/N) N pH: Dilution Factor: 1.0

Number TICs found: 5

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	6.15	8.0	J
2.	UNKNOWN ALCOHOL	7.03	10	BJ
3. 930687	2-Cyclohexen-1-one	8.16	8.015	
4.	UNKNOWN HYDROCARBON	27.37	54	J
	UNKNOWN	34.12	11	IJ

FORM I SU-TIC

1/87 Rev.

1B

SEHIUOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GM47

Lab Name: E & E INC. Contract :

Lab Code: EANDE Case No.: 9002_544 SAS No.: SDG No. :

Matrix: (soil/water) WATER Lab Sample ID: 88745

Sample wt/vol: 1000 (g/mL) ML Lab File ID: 87116

Level: (low/med) LOW Date Receiued: 10/18/90

% Moisture: not dec. dec. Date Extracted: 10/23/90

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 11/02/90

GPC Cleanup: (Y/N) N pH: Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl)Ether	10	U
95-57-8	2-Chlorophenol	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
100-51-6	Benzyl Alcohol	10	U
95-50-1	1,2-Dichlorobenzene	10	U
95-48-7	2-Methylphenol	10	U
39638-32-9	bis(2-Chloroisopropyl)Ether	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	N-Nitroso-Di-n-Propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
65-85-0	Benzoic Acid	50	U
111-91-1	bis(2-Chloroethoxy)Methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
91-20-3	Naphthalene	86	
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
59-50-7	4-Chloro-3-Methylphenol	10	U
91-57-6	2-Methylnaphthalene	56	
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	50	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	50	U
131-11-3	Dimethyl Phthalate	10	U
208-96-8	Acenaphthylene	10	U
606-20-2	2,6-Dinitrotoluene	10	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GM47

Lab Name: E & E INC. Contract:

Lab Code: EANOE Case No.: 9002-544 SAS No.: SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 88745

Sample wt/vol: 1000 (g/mL) ML Lab File ID: 87116

Level: (low/med) LOW Date Received: 10/18/90

% Moisture: not dec. dec. Date Extracted: 10/23/90

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 11/02/90

GPC Cleanup: (Y/N) N pH: Dilution factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
99-09-2	3-Nitroaniline	50	U
83-32-9	Acenaphthene	1	J
51-28-5	2,4-Dinitrophenol	50	U
100-02-7	4-Nitrophenol	50	U
132-64-9	Dibenzofuran	1	J
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
86-73-7	Fluorene	2	J
100-10-6	4-Nitroaniline	50	U
534-52-1	4,6-Dinitro-2-Methylphenol	50	U
86-30-6	N-Nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
87-86-5	Pentachlorophenol	50	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
84-74-2	Di-n-Butylphthalate	3	BJ
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	20	U
56-55-3	Benzo(a)Anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)Phthalate	11	B
117-84-0	Di-n-Octyl Phthalate	10	U
205-99-2	Benzo(b)Fluoranthene	10	U
207-08-9	Benzo(k)Fluoranthene	10	U
50-32-8	Benzo(a)Pyrene	10	U
193-39-5	Indeno(1,2,3-cd)Pyrene	10	U
53-70-3	Dibenz(a,h)Anthracene	10	U
191-24-2	Benzo(g,h,i)Perylene	10	U

(1) - Cannot be separated from Diphenylamine

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

GM47

Lab Name: E & E INC. Contract:

Lab Code: EANDE Case No.: 9002-544 SAS No.: SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 88745

Sample wt/vol: 1000 (g/mL) ML Lab File ID: 87116

Level: (low/med) LOW Date Receiued: 10/18/90

% Moisture: not dcc. dec. Date Extracted: 10/23/90

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 11/02/90

GPC Cleanup: (Y/N) N pH: Dilution Factor: 1.0

Number TICs found: 20

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		DIMETHYL BENZENE ISOMER	4.62	74	IJ
2.		ETHYL METHYL BENZENE ISOMER	7.32	29	IJ
3.		TRIMETHYL BENZENE ISOMER	7.48	73	IJ
4.		ETHYL METHYL BENZENE ISOMER	7.73	39	IJ
5.		TRIMETHYL BENZENE ISOMER	8.11	210	IJ
6.		TRIMETHYL BENZENE ISOMER	8.77	130	IJ
7.		ETHYL DIMETHYL BENZENE ISOME	9.69	37	IJ
8.		METHYL PROPYL BENZENE ISOMER	10.25	52	IJ
9.		METHYL PROPYL BENZENE ISOMER	10.68	19	IJ
10.		TETRAMETHYL BENZENE ISOMER	10.98	35	IJ
11.		ETHYL DIMETHYL BENZENE ISOME	11.61	18	IJ
12.		METHYL NAPHTHALENE ISOMER	14.55	38	IJ
13.		DIMETHYL NAPHTHALENE ISOMER	16.19	23	IJ
14.		DIMETHYL NAPHTHALENE ISOMER	16.44	17	IJ
15.		OXYGENATED HYDROCARBON	17.72	16	IJ
16.		UNKNOWN	18.38	18	IJ
17.		UNKNOWN	18.61	15	IJ
18.		UNKNOWN	22.76	18	IJ
19.	10544500	Sulfur, mol.	24.90	100	IJ
20.		UNKNOWN HYDROCARBON	25.89	1100	IJ

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GM48

Lab Name: E & E INC. Contract:

Lab Code: EANDE Case No.: 9002_544 SAS No.: SDG No. :

Matrix: (soil/water) WATER Lab Sample ID: 88746

Sample wt/vol: 1000 (g/mL) ML Lab File ID: E3294

Level: (low/med) LOW Date Received: 10/18/90

% Moisture: not dec. dec. Date Extracted: 11/13/90

Extraction: (SepF/Cont/Sonc) SEPF Gate Analyzed: 11/28/90

GPC Cleanup: (Y/N) N pH: Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl)Ether	10	U
95-57-8	2-Chlorophenol	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
100-51-6	Benzyl klcohol	10	U
95-50-1	1,2-Dichlorobenzene	10	U
95-48-7	2-Methylphcnol	10	U
39638-32-9	bis(2-Chloroisopropyl)Ether	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	N-Nitroso-Di-n-Propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
65-85-0	Benzoic Acid	50	U
111-91-1	bis(2-Chloroethoxy)Methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
59-50-7	4-Chloro-3-Methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	50	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	50	U
131-11-3	Dimethyl Phthalate	10	U
208-96-8	Acenaphthylene	10	U
606-20-2	2,6-Dinitrotoluene	10	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GM48

Lab Name: E & E INC. Contract:

Lab Code: EANDE Case No.: 9002_544 SAS No.: SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 88746

Sample wt/vol: 1000 (g/mL) ML Lab File ID: E3294

Level: (low/med) LOW Date Received: 10/18/90

% Moisture: not dec. dec. Date Extracted: 11/13/90

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 11/28/90

GPC Cleanup: (Y/N) N pH: Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
99-09-2	3-Nitroaniline	50	U
83-32-9	Acenaphthene	10	U
51-28-5	2,4-Dinitrophenol	50	U
100-02-7	4-Nitrophenol	50	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
86-73-7	Fluorene	10	U
100-10-6	4-Nitroaniline	50	U
534-52-1	4,6-Dinitro-2-Methylphenol	50	U
86-30-6	N-Nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
87-86-5	Pentachlorophenol	50	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
84-74-2	Di-n-Butylphthalate	10	B
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	20	U
56-55-3	Benzo(a)Anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)Phthalate	5	BJ
117-84-0	Di-n-Octyl Phthalate	10	U
205-99-2	Benzo(b)Fluoranthene	10	U
207-08-9	Benzo(k)Fluoranthene	10	U
50-32-8	Benzo(a)Pyrene	10	U
193-39-5	Indeno(1,2,3-cd)Pyrene	10	U
53-70-3	Dibenz(a,h)Anthracene	10	U
191-24-2	Benzo(g,h,i)Perylene	10	U

(1) - Cannot be separated from Diphenylamine

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

GM48

Lab Name: E & E INC. Contract:

Lab Code: EANDE Case No.: 9002_544 SAS No.: SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 88746

Sample wt/vol: 1000 (g/mL) ML Lab File ID: E3294

Level: (low/med) LOW Date Received: 10/18/90

% Moisture: not dec. dec. Date Extracted: 11/13/90

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 11/28/90

GPC Cleanup: (Y/N) N pH: Dilution factor: 1.0

Number TICs found: 8

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CUNC.	Q
1.	UNKNOWN	6.83	16	BJ
2.	UNKNOWN	7.96	8.0185	
3.	UNKNOWN	9.06	8.0185	
4.	(UNKNOWN HYDROCARBON	27.56	9.0	IJ
5.	UNKNOWN	31.97	10	IJ
6.	UNKNOWN	33.94	24	IJ
7.	UNKNOWN	34.62	16	BJ
a.	UNKNOWN	44.68	39	IJ

1B
SEMIVOLATILE ORGANICS ANALYSIS OATA SHEET

EPA SAMPLE NO.

GM49

Lab Name: E & E INC. Contract:

Lab Code: EANOE Case No.: 9002_544 SAS No.: SOG No.:

Matrix: (soil/water) WATER Lab Sample ID: 88747

Sample wt/vol: 1000 (g/mL) ML Lab File IO: 87118

Level: (low/med) LOW Date Recsiued: 10/18/90

% Moisture: not dec. dec. Date Extracted: 10/23/90

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 11/03/90

GPC Cleanup: (Y/N) N pH: Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl)Ether	10	U
95-57-8	2-Chloropheno1	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
100-51-6	Benzyl Alcohol	10	U
95-50-1	1,2-Dichlorobenzene	10	U
95-48-7	2-flethylphenol	10	U
39638-32-9	bis(2-Chloroisopropyl)Ether	10	U
106-44-5	4-flethylpheno1	10	U
621-64-7	N-Nitroso-Di-n-Propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
65-85-0	Benzoic Acid	50	U
111-91-1	bis(2-Chloroethoxy)Methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
59-50-7	4-Chloro-3-Methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	50	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	50	U
131-11-3	Dimethyl Phthalate	10	U
208-96-8	Acenaphthylene	10	U
606-20-2	2,6-Dinitrotoluene	10	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GM49

Lab Name: E & E INC. Contract:

Lab Code: EANDE Case No.: 9002-544 SAS No.: SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 88747

Sample wt/vol: 1000 (g/mL) ML Lab File ID: 87118

Level: (low/med) LOW Date Received: 10/18/90

% Moisture: not dec. dec. Date Extracted: 10/23/90

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 11/03/90

GPC Cleanup: (Y/N) N pH: Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
99-09-2	3-Nitroaniline	50	U
83-32-9	Acenaphthene	10	U
51-28-5	2,4-Dinitrophenol	50	U
100-02-7	4-Nitrophenol	50	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
86-73-7	Fluorene	10	U
100-10-6	4-Nitroaniline	50	U
534-52-1	4,6-Dinitro-2-Methylphenol	50	U
86-30-6	N-Nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
87-86-5	Pentachlorophenol	50	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
84-74-2	Di-n-Butylphthalate	3	IBJ
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	20	U
56-55-3	Benzo(a)Anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)Phthalate	16	B
117-84-0	Di-n-Octyl Phthalate	10	U
205-99-2	Benzo(b)Fluoranthene	10	U
207-08-9	Benzo(k)Fluoranthene	10	U
50-32-8	Benzo(a)Pyrene	10	U
193-39-5	Indeno(1,2,3-cd)Pyrene	10	U
53-70-3	Dibenz(a,h)Anthracene	10	U
191-24-2	Benzo(g,h,i)Perylene	10	U

(1) - Cannot be separated from Diphenylamine

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

GM49

Lab Name: E & E INC. Contract:

Lab Code: EANDE Case No.: 9002_544 SAS No.: SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 88747

Sample wt/vol: 1000 (g/mL) ML Lab File ID: B7118

Level: (low/med) LOW Date Received: 10/18/90

% Moisture: not dec. dec. Date Extracted: 10/23/90

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 11/03/90

CPC Cleanup: (Y/N) N pH: Dilution Factor: 1.0

Number TICs found: 17

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 111466	2,2'-Oxybis-ethanol	8.97	660	BJ
2.	UNKNOWN	22.76	20	J
3.	UNKNOWN HYDROCARBON	24.24	10	J
4.	UNKNOWN ACID	24.46	15	J
5.	UNKNOWN HYDROCARBON	24.54	27	BJ
6.	UNKNOWN HYDROCARBON	25.78	2200	J
7.	UNKNOWN	29.23	12	J
8.	UNKNOWN	29.51	66	J
9.	UNKNOWN	30.50	16	J
10.	UNKNOWN	32.44	38	J
11.	UNKNOWN	33.07	32	BJ
12.	UNKNOWN	36.30	18	J
13.	UNKNOWN	38.41	16	J
14.	UNKNOWN HYDROCARBON	39.63	9.0	J
15.	UNKNOWN	41.50	49	J
16.	UNKNOWN HYDROCARBON	41.76	17	J
17.	UNKNOWN	44.53	60	J

1B
SEMIUOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GM51

Lab Name: E & E INC. Contract:

Lab Code: EANDE Case No.: 9002_544 SAS No.: SDG No. :

Matrix: (soil/water) WATER Lab Sample ID: 88748

Sample wt/vol: 1000 (g/mL) ML Lab File ID: 87119

Level: (low/med) LOW Date Recciued: 10/18/90

% Moisture: not dec. dec. Date Extracted: 10/23/90

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 11/03/90

GPC Cleanup: (Y/N) N pH: Dilution factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl)Ether	10	U
95-57-8	2-Chlorophenol	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
100-51-6	Benzyl Alcohol	10	U
95-50-1	1,2-Dichlorobenzene	10	U
95-48-7	2-Methylphenol	10	U
39638-32-9	bis(2-Chloroisopropyl)Ether	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	N-Nitroso-Di-n-Propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
65-85-0	Benzoic Acid	50	U
111-91-1	bis(2-Chloroethoxy)Methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
59-50-7	4-Chloro-3-Methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	50	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	50	U
131-11-3	Dimethyl Phthalate	10	U
208-96-8	Acenaphthylene	10	U
606-20-2	2,6-Dinitrotoluene	10	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GM51

Lab Name: E & E INC. Contract:

Lab Code: EANOE Case No.: 9002-544 SAS No.: SDG No.:

matrix: (soil/water) WATER Lab Sample ID: 88748

Sample wt/vol: 1000 (g/mL) ML Lab File ID: 87119

Level: (low/med) LOW Date Received: 10/18/90

% Moisture: not dec. dec. Gate Extracted: 10/23/90

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 11/03/90

CPC Cleanup: (Y/N) N pH: Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
99-09-2	3-Nitroaniline	50	U
83-32-9	Acenaphthene	10	U
51-28-5	2,4-Dinitrophenol	50	U
100-02-7	4-Nitrophenol	50	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
86-73-7	Fluorene	10	U
100-10-6	4-Nitroaniline	50	U
534-52-1	4,6-Dinitro-2-Methylphenol	50	U
86-30-6	N-Nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-phenylether	10	tu
118-74-1	Hexachlorobenzene	10	U
87-86-5	Pentachlorophenol	50	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
84-74-2	Di-n-Butylphthalate	3	BJ
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	20	U
56-55-3	Benzo(a)Anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)Phthalate	16	B
117-84-0	Di-n-Octyl Phthalate	10	U
205-99-2	Benzo(b)Fluoranthene	10	U
207-08-9	Benzo(k)Fluoranthene	10	U
50-32-8	Benzo(a)Pyrene	10	U
193-39-5	Indeno(1,2,3-cd)Pyrene	10	U
53-70-3	Dibenz(a,h)Anthracene	10	U
191-24-2	Benzo(g,h,i)Perylene	10	U

(1) - Cannot be separated from Diphenylamine

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

GM51

Lab Name: E & E INC. Contract :

Lab Code: EANOE Case No. : 9002-544 SAS No. : SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 88748

Sample wt/vol: 1000 (g/mL) ML Lab File ID: 87119

Level: (low/med) LOW Date Receiued: 10/18/90

% Moisture: not dec. dec. Oate Extracted: 10/23/90

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 11/03/90

GPC Cleanup: (Y/N) N pH: Dilution Factor: 1.0

Number TICs found: 13

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	930087	2-Cyclohexen-1-one	6.35	11	BJ
2.	111466	2,2'-Oxybis-ethanol	6.73	460	BJ
3.		UNKNOWN	13.54	20	J
4.		UNKNOWN	22.82	9.0	J
5.		UNKNOWN ACIG	24.44	9.0	J
6.		UNKNOWN HYDROCARBON	25.99	1300	BJ
7.		UNKNOWN	29.54	32	IJ
8.		UNKNOWN	33.08	27	IBJ
9.		UNKNOWN	3d.30	10	J
10.		UNKNOWN	36.33	9.0	J
11.		UNKNOWN	37.88	9.013	
12.		UNKNOWN ACID	33.40	46	J
13.		UNKNOWN HYDROCARBON	41.76	10	IJ

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GM52

Lab Name: E & E INC. Contrsct:

Lab Code: EANOE Case No.: 9002_544 SAS No.: SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 88670

Sample wt/vol: 1000 (g/mL) ML Lab Fila ID: E3094

Level: (low/med) LOW Date Received: 10/19/90

% Moisture: not dec. dec. Date Extracted: 10/24/90

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 11/13/90

GPC Cleanup: (Y/N) N pH: Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl)Ether	10	U
95-57-8	2-Chlorophenol	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
100-51-6	Benzyl klcohol	10	U
95-50-1	1,2-Dichlorobenzene	10	U
95-48-7	2-Methylphenol	10	U
39638-32-9	bis(2-Chloroisopropyl)Ether	10	U
106-44-5	4-Hethylphenol	10	U
621-64-7	N-Nitroso-Di-n-Propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
65-85-0	Benzoic Acid	50	U
111-91-1	bis(2-Chloroethoxy)Methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
59-50-7	4-Chloro-3-Methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexschlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	50	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	50	U
131-11-3	Dimethyl Phthalate	10	U
208-96-8	Acenaphthylene	10	U
606-20-2	2,6-Dinitrotoluene	10	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GM52

Lab Name: E & E INC. Contract:

Lab Code: EANDE Case No.: 9002-544 SAS No.: SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 88870

Sample wt/vol: 1000 (g/mL) ML Lab File ID: E3094

Level: (low/med) LOW Date Received: 10/19/90

% Moisture: not dec. dec. Date Extracted: 10/24/90

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 11/13/90

GPC Cleanup: (Y/N) N pH: Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
99-09-2	3-Nitroaniline	50	U
83-32-9	Acenaphthene	10	U
51-28-5	2,4-Dinitrophenol	50	U
100-02-7	4-Nitrophenol	50	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
86-73-7	Fluorene	10	U
100-10-6	4-Nitroaniline	50	U
534-52-1	4,6-Dinitro-2-Methylphenol	50	U
86-30-6	N-Nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
87-86-5	Pentachlorophenol	50	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
84-74-2	Di-n-Butylphthalate	3	J
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	20	U
56-55-3	Benzo(a)Anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)Phthalate	5	BJ
117-84-0	Di-n-Octyl Phthalate	10	U
205-99-2	Benzo(b)Fluoranthene	10	U
207-08-9	Benzo(k)Fluoranthene	10	U
50-32-8	Benzo(a)Pyrene	10	U
193-39-5	Indeno(1,2,3-cd)Pyrene	10	U
53-70-3	Dibenz(a,h)Anthracene	10	U
191-24-2	Benzo(g,h,i)Perylene	10	U

(1) - Cannot be separated from Diphenylamine

1F

SEMIUOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

GM52

Lab Name: E & E INC. Contract :

Lab Code: EANDE Case No.: 9002_544 SAS No.: SDG No. :

Matrix: (soil/water) WATER Lab Sample ID: 88870

Sample wt/vol: 1000 (g/mL) ML Lab File ID: E3094

Leve1: (low/med) LOW Date Receiued: 10/19/90

% Moisture: not dec. dec. Data Extracted: 10/24/90

Extract ion: (SepF/Cont/Sonc) SEPF Date Analyzed: 11/13/90

GPC Cleanup: (Y/N) N pH: Dilution Factor: 1.0

Number TICs found: 7

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN ALCOHOL	7.06	9.0	BJ
2.	UNKNOWN	13.30	9.0	J
3.	BUTYL PHENOL ISOMER	16.10	22	J
4.	UNKNOWN HYDROCARBON	32.26	15	IJ
5.	UNKNGWN	34.22	37	J
6.	UNKNOWN	39.55	11	IJ
7.	UNKNOWN	39.76	32	J

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GM52D

Lab Name: E & E INC. Contract:

Lab Code: EANDE Case No.: 9002-544 SAS No.: SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 88871

Sample wt/vol: 1000 (g/mL) ML Lab File ID: E3095

Level: (low/med) LOW Date Received: 10/19/90

% Moisture: not dec. dec. Date Extracted: 10/24/90

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 11/13/90

GPC Cleanup: (Y/N) N pH: Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl)Ether	10	U
95-57-8	2-Chlorophenol	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
100-51-6	Benzyl Alcohol	10	U
95-50-1	1,2-Dichlorobenzene	10	U
95-48-7	2-Methylphenol	10	U
39638-32-9	bis(2-Chloroisopropyl)Ether	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	N-Nitroso-Di-n-Propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophcnol	10	U
105-67-9	2,4-Dimethylphenol	10	U
65-85-0	Benzoic Acid	50	U
111-91-1	bis(2-Chloroethoxy)Methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
59-50-7	4-Chloro-3-Methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	50	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	50	U
131-11-3	Dimethyl Phthalate	10	U
208-96-8	Acenaphthylene	10	U
606-20-2	2,6-Dinitrotoluene	10	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GM52D

Lab Name: E & E INC. Contract:

Lab Code: EANDE Case No.: 9002-544 SAS No.: SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 88871

Sample wt/vol: 1000 (g/mL) ML Lab File ID: E3095

Level: (low/med) LOW Date Received: 10/19/90

% Moisture: not dec. dec. Date Extracted: 10/24/90

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 11/13/90

GPC Cleanup: (Y/N) N pH: Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
99-09-2	3-Nitroaniline	50	U
83-32-9	Acenaphthene	10	U
51-28-5	2,4-Dinitrophenol	50	U
100-02-7	4-Nitrophenol	50	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
86-73-7	Fluorene	10	U
100-10-6	4-Nitroaniline	50	U
534-52-1	4,6-Dinitro-2-Methylphenol	50	U
86-30-6	N-Nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobentene	10	U
87-86-5	Pentachlorophenol	50	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
84-74-2	Di-n-Butylphthalate	12	
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	20	U
56-55-3	Benzo(a)Anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)Phthalate	6	BJ
117-84-0	Di-n-Octyl Phthalate	10	U
205-99-2	Benzo(b)Fluoranthene	10	U
207-08-9	Benzo(k)Fluoranthene	10	U
50-32-8	Benzo(a)Pyrene	10	U
193-39-5	Indeno(1,2,3-cd)Pyrene	10	U
53-70-3	Dibenz(a,h)Anthracene	10	U
191-24-2	Benzo(g,h,i)Perylene	10	U

(1) - Cannot be separated from Diphenylamine

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

GM52D

Lab Name: E & E INC. Contract :

Lab Code: EANDE Case No.: 9002-544 SAS No.: SDG No. :

Matrix: (soil/water) WATER Lab Sample ID: 88871

Sample wt/vol: 1000 (g/mL) ML Lab File ID: E3095

Level: (low/med) LOW Date Received: 10/19/90

% Moisture: not dec. dec. Date Extracted: 10/24/90

Extraction: (SepF/Cont/Sonc) SEPF Gate Analyzed: 11/13/90

GPC Cleanup: (Y/N) N pH: Dilution Factor: 1.0

Number TICs found: 8

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	6.18	10	J
2.	UNKNOWN ALCOHOL	7.05	11	BJ
3. 930687	2-Cyclohexen-1-one	8.23	8.015	
4.	UNKNOWN	13.29	10	3
5.	BUTYL PHENOL ISOMER	16.09	22	J
6.	UNKNOWN	34.22	11	J
7.	UNKNOWN	39.57	32	J
a.	UNKNOWN	39.77	48	J

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

FB01

Lab Name: E & E INC. Contract:

Lab Code: EANOE Case No.: 9002-544 SAS No.: SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 88749

Sample wt/vol: 1000 (g/mL) ML Lab File ID: B7120

Level: (low/med) LOW Date Received: 10/18/90

% Moisture: not dec. dec. Date Extracted: 10/23/90

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 11/03/90

GPC Cleanup: (Y/N) N pH: Dilution factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl)Ether	10	U
95-57-8	2-Chlorophenol	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
100-51-6	Benzyl Alcohol	10	U
95-50-1	1,2-Dichlorobenzene	10	U
95-48-7	2-Methylphenol	10	U
39638-32-9	bis(2-Chloroisopropyl)Ether	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	N-Nitroso-Di-n-Propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
65-85-0	Benzoic Acid	50	U
111-91-1	bis(2-Chloroethoxy)Methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
59-50-7	4-Chloro-3-Methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	50	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	50	U
131-11-3	Dimethyl Phthalate	10	U
208-96-8	Acenaphthylene	10	U
606-20-2	2,6-Dinitrotoluene	10	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

FB01

Lab Name: E & E INC. Contract:

Lab Code: EANDE Case No.: 9002-544 SAS No.: SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 88749

Sample wt/vol: 1000 (g/mL) ML Lab File ID: 87120

Level: (low/med) LOW Date Received: 10/18/90

% Moisture: not dec. dec. Date Extracted: 10/23/90

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 11/03/90

GPC Cleanup: (Y/N) N pH: Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
99-09-2	3-Nitroaniline	50	U
83-32-9	Acenaphthene	10	U
51-28-5	2,4-Dinitrophenol	50	U
100-02-7	4-Nitrophenol	50	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
86-73-7	Fluorene	10	U
100-10-6	4-Nitroaniline	50	U
534-52-1	4,6-Dinitro-2-Methylphenol	50	U
86-30-6	N-Nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
87-86-5	Pentachlorophenol	50	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
84-74-2	Di-n-Butylphthalate	5	BJ
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	20	U
56-55-3	Benzo(a)Anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)Phthalate	16	B
117-84-0	Di-n-Octyl Phthalate	10	U
205-99-2	Benzo(b)Fluoranthene	10	U
207-08-9	Benzo(k)Fluoranthene	10	U
50-32-8	Benzo(a)Pyrene	10	U
193-39-5	Indeno(1,2,3-cd)Pyrene	10	U
53-70-3	Dibenz(a,h)Anthracene	10	U
191-24-2	Benzo(g,h,i)Perylene	10	U

(1) - Cannot be separated from Diphenylamine

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IOENTIFIEO COMPOUNDS

EPA SAMPLE NO.

FB01

Lab Name: E & E INC. Contract:

Lab Code: EANDE Case No.: 9002_544 SAS No.: SDG No. :

Matrix: (soil/water) WATER Lab Sample ID: 88749

Sample wt/vol: 1000 (g/mL) ML Lab File IO: 87120

Level: (low/med) LOW Date Receiucd: 10/18/90

% Moisture: not dec. dec. Date Extracted: 10/23/90

Extraction: (SepF/Cont/Sonc) SEPF Gate knalyzed: 11/03/90

GPC Cleanup: (Y/N) N pH: Dilution Factor: 1.0

Number TICs found: 13

CONCENTRATION UNITS: (ug/L or ug/kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 930687	2-Cyclohexen-1-one	6.35	10	BJ
2. 111466	2,2'-Oxybis-ethanol	8.83	490	BJ
3.	UNKNOWN HYDROCARBON	22.76	16	J
4.	UNKNOWN OXY HYDROCARBON	24.26	12	J
5.	UNKNOWN ACID	24.46	10	J
6.	UNKNOWN HYDROCARBON	25.66	53	BJ
7.	UNKNOWN HYDROCARBON	25.79	1900	J
8.	UNKNOWN	23.41	14	J
9.	UNKNOWN HYDROCARBON	29.52	48	J
10.	UNKNOWN	32.52	9.0	J
11.	UNKNOWN	33.08	42	BJ
12.	UNKNOWN HYDROCARBON	36.30	11	IJ
13.	UNKNOWN HYDROCARBON	41.77	16	J

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RB01-RINS

Lab Name: E & E INC. Contract:

Lab Code: EANOE Case No.: 9002_544 SAS No.: SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 88750

Sample wt/vol: 1000 (g/mL) ML Lab File ID: 87121

Level: (low/med) LOW Date Received: 10/18/90

% Moisture: not dec. dec. Date Extracted: 10/23/90

Extraction: (SepF/Cont/Sonc) SEPF Date knalyzed: 11/03/90

CPC Cleanup: (Y/N) N pH: Dilution factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-95-2	Phenol	lo	IU
111-44-4	bis(2-Chloroethyl)Ether	10	IU
95-57-8	2-Chlorophenol	10	IU
541-73-1	1,3-Dichlorobenzene	10	IU
106-46-7	1,4-Dichlorobenzene	10	IU
100-51-6	Benzyl Alcohol	10	IU
95-50-1	1,2-Dichlorobenzene	10	IU
95-48-7	2-Methylphenol	10	IU
39638-32-9	bis(2-Chloroisopropyl)Ether	10	IU
106-44-5	4-Methylphenol	LO	IU
621-64-7	N-Nitroso-Di-n-Propylamine	10	IU
67-72-1	Hexachloroethane	10	IU
98-95-3	Nitrobenzene	10	IU
78-59-1	Isophorone	10	IU
88-75-5	2-Nitrophenol	10	IU
105-67-9	2,4-Dimethylphenol	10	IU
65-85-0	Benzoic Acid	50	IU
111-91-1	bis(2-Chloroethoxy)Methane	10	IU
120-83-2	2,4-Dichlorophenol	10	IU
120-82-1	1,2,4-Trichlorobenzene	10	IU
91-20-3	Naphthalene	10	IU
106-47-8	4-Chloroaniline	10	IU
87-68-3	Hexachlorobutadiene	10	IU
59-50-7	4-Chloro-3-Methylpheno1	10	IU
91-57-6	2-Methylnaphthalene	10	IU
77-47-4	Hexachlorocyclopentadiene	10	IU
88-06-2	2,4,6-Trichlorophenol	10	IU
95-95-4	2,4,5-Trichlorophenol	50	IU
91-58-7	2-Chloronaphthalene	10	IU
88-74-4	2-Nitroaniline	50	IU
131-11-3	Dimethyl Phthalate	10	IU
208-96-8	Acenaphthylene	10	IU
606-20-2	2,6-Dinitrotoluene	10	IU

1C
SEHIUOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

R801-RINS

Lab Name: E & E INC. Contract:

Lab Code: EANDE Case No.: 9002_544 SAS No.: SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 88750

Sample wt/vo1: 1000 (g/mL) ML Lab File ID: 87121

Leve1: (low/med) LOW Date Received: 10/18/90

% Moisture: not dec. dec. Date Extracted: 10/23/90

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 11/03/90

GPC Cieanup: (Y/N) N pH: Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
99-09-2	3-Nitroaniline	50	U
83-32-9	Acenaphthene	10	U
51-28-5	2,4-Dinitrophenol	50	U
100-02-7	4-Nitrophenol	50	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
86-73-7	Fluorene	10	U
100-10-6	4-Nitroaniline	50	U
534-52-1	4,6-Dinitro-2-Methylphenol	50	U
86-30-6	N-Nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
87-86-5	Pentachlorophenol	50	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
84-74-2	Di-n-Butylphthalate	5	IBJ
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	20	U
56-55-3	Benzo(a)Anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)Phthalate	15	B
117-84-0	Di-n-Octyl Phthalate	10	U
205-99-2	Benzo(b)Fluoranthene	10	U
207-08-9	Benzo(k)Fluoranthene	10	U
50-32-8	Benzo(a)Pyrene	10	U
193-39-5	Indeno(1,2,3-cd)Pyrene	10	U
53-70-3	Dibenz(a,h)Anthracene	10	U
191-24-2	Benzo(g,h,i)Perylene	10	U

(1) - Cannot be separated from Diphenylamine

. 1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIUELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

RB01-RINS

Lab Name: E & E INC. Contract:

Lab Code: EANOE Case No.: 9002-544 SAS No.: SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 88750

Sample wt/vol: 1000 (g/mL) ML Lab File ID: 87121

Level: (low/med) LOW Date Received: 10/18/90

% Moisture: not dec. dec. Date Extracted: 10/23/90

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 11/03/90

GPC Cleanup: (Y/N) N pH: Dilution Factor: 1.0

Number TICs found: 13

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	930687	2-Cyclohexen-1-one	6.34	8.0	BJ
2.	111466	2,2'-Oxybis-ethanol	8.89	510	BJ
3.		UNKNOWN HYDROCARBON	22.78	15	J
4.		UNKNOWN	24.26	8.0	J
5.		UNKNOWN ACID	24.46	14	J
6.		UNKNOWN HYDROCHRBON	25.67	33	BJ
7.		UNKNOWN HYDROCARBON	25.81	1900	J
8.		UNKNOWN ACID	29.40	12	IJ
9.		UNKNOWN	29.54	34	J
10.		UNKNOWN	32.51	9.0	J
11.		UNKNOWN	33.07	33	BJ
12.		UNKNOWN HYDROCARBON	36.30	9.0	J
13.		UNKNOWN HYDROCARBON	41.76	12	J

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RB01-RINS_M

Lab Name: E & E INC. Contract :

Lab Code: EANDE Case No.: 9002-544 SAS No.: SDC No. :

Matrix: (soil/water) WATER Lab Sample ID: 88750MS

Sample wt/vol: 1000 (g/mL) ML Lab File ID: 87122

Level: (low/med) LOW Date Received: 10/18/90

% Moisture: not dec. dec. Date Extracted: 10/23/90

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 11/03/90

GPC Cleanup: (Y/N) N pH: Dilution factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl)Ether	10	U
95-57-8	2-Chlorophenol	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
100-51-6	Benzyl Alcohol	10	U
95-50-1	1,2-Dichlorobenzene	10	U
95-48-7	2-Methylphenol	10	U
39638-32-9	bis(2-Chloroisopropyl)Ether	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	N-Nitroso-Di-n-Propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
65-85-0	Benzoic Acid	50	U
111-91-1	bis(2-Chloroethoxy)Methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
59-50-7	4-Chloro-3-Methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	tu
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	50	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	50	U
131-11-3	Dimethyl Phthalate	10	U
208-96-8	Acenaphthylene	10	U
606-20-2	2,6-Dinitrotoluene	10	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RB01-RINS_MS

Lab Name: E & E INC. Contract:

Lab Code: EANDE Case No.: 9002_544 SAS No.: SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 88750MS

Sample wt/vol: 1000 (g/mL) ML Lab File ID: 87122

Level: (low/med) LOW Date Received: 10/18/90

% Moisture: not dec. dec. Date Extracted: 10/23/90

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 11/03/90

GPC Cleanup: (Y/N) N pH: Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
99-09-2	3-Nitroaniline	50	U
83-32-9	Acenaphthene	10	U
51-28-5	2,4-Dinitrophenol	50	U
100-02-7	4-Nitrophenol	50	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
86-73-7	Fluorene	10	U
100-10-6	4-Nitroaniline	515	U
534-52-1	4,6-Dinitro-2-Methylphenol	50	U
86-30-6	N-Nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-phenylether	18	U
118-74-1	Hexachlorobenzene	10	U
87-86-5	Pentachlorophenol	50	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
84-74-2	Di-n-Butylphthalate	5	BJ
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	20	U
56-55-3	Benzo(a)Anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)Phthalate	18	B
117-84-0	Di-n-Octyl Phthalate	10	U
205-99-2	Benzo(b)Fluoranthene	10	U
207-08-9	Benzo(k)Fluoranthene	10	U
50-32-8	Benzo(a)Pyrene	10	U
193-39-5	Indeno(1,2,3-cd)Pyrene	10	U
53-70-3	Dibenz(a,h)Anthracene	10	U
191-24-2	Benzo(g,h,i)Perylene	10	U

(1) - Cannot be separated from Giphenylamine

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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLKW2

Lab Name: E & E INC. Contract :

Lab Code: EANDE Case No. : 9002-544 SAS No. : SDG No. :

Matrix: (soil/water) WATER Lab Sample ID: SBLKW2

Sample wt/vol: 1000 (g/mL) ML Lab File ID: 87113

Level: (low/med) LOW Date Received:

% Moisture: not dec. dec. Date Extracted: 10/23/90

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 11/02/90

GPC Cleanup: (Y/N) N pH: Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl)Ether	10	U
95-57-8	2-Chlorophenol	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
100-51-6	Benzyl Alcohol	10	U
95-50-1	1,2-Dichlorobenzene	10	U
95-48-7	2-Methylphenol	10	U
39638-32-9	bis(2-Chloroisopropyl)Ether	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	N-Nitroso-Di-n-Propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
65-85-0	Benzoic Acid	50	U
111-91-1	bis(2-Chloroethoxy)Methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
59-50-7	4-Chloro-3-Methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	50	U
91-58-7	2-Chloronaphthalene	10	[redacted]
88-74-4	2-Nitroaniline	50	U
131-11-3	Dimethyl Phthalate	10	[redacted]
208-96-8	Acenaphthylene	10	U
606-20-2	2,6-Dinitrotoluene	10	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLKW2

Name: E & E INC. Contract:

Lab Code: EANDE Case No.: 9002-544 SAS No.: SDG No. :

Matrix: (soil/water) WATER Lab Sample ID: SBLKW2

Sample wt/vol: 1000 (g/mL) ML Lab File ID: 87113

Level: (low/med) LOW Gate Received:

% Moisture: not dec. dec. Date Extracted: 10/23/90

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 11/02/90

GPC Cleanup: (Y/N) N pH: Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
99-09-2	3-Nitroaniline	50	U
83-32-9	Acenaphthene	10	U
51-28-5	2,4-Dinitrophenol	50	U
100-02-7	4-Nitrophenol	50	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
86-73-7	Fluorene	10	U
100-10-6	4-Nitroaniline	50	U
534-52-1	4,6-Dinitro-2-Methylphenol	50	U
86-30-6	N-Nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
87-86-5	Pentachlorophenol	50	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
84-74-2	Di-n-Butylphthalate	6	J
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	20	U
56-55-3	Benzo(a)Anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)Phthalate	14	
117-84-0	Di-n-Octyl Phthalate	10	U
205-99-2	Benzo(b)Fluoranthene	10	U
207-08-9	Benzo(k)Fluoranthene	10	U
50-32-8	Benzo(a)Pyrene	10	U
193-39-5	Indeno(1,2,3-cd)Pyrene	10	U
53-70-3	Dibenz(a,h)Anthracene	10	U
191-24-2	Benzo(g,h,i)Perylene	10	U

(1) - Cannot be separated from Diphenylamine

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIUELY IOENTIFIEO COMPOUNDS

EPA SAMPLE NO.

SBLKW2

Lab Name: E & E INC. Contract:

Lab Code: EANDE Case No.: 9002-544 SAS No.: SDG No. :

Matrix: (soil/water) WATER Lab Sample ID: SBLKW2

Sample wt/vol: 1000 (g/mL) ML Lab File I@: 87113

Level: (low/med) LOW Date Received:

% Moisture: not dec. dec. Date Extracted: 10/23/90

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 11/02/90

GPC Cleanup: (Y/N) N pH: Dilution Factor: 1.0

Number TICs found: 8

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	930687	2-Cyclohexen-1-one	6.34	9.0	J
2.	111466	2,2'-Oxybis-ethanol	8.54	420	J
3.		UNKNOWN	8.72	12	J
4.		TRIBROMOPHENOL ISOMER	23.42	15	J
5.		UNKNOWN HYDROCARBON	25.64	46	J
6.		UNKNOWN HYDROCARBON	26.07	730	J
7.		UNKNOWN HYDROCARBON	29.80	la	J
8.		UNKNOWN	33.07	la	J

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLKW3

Lab Name: E & E INC. Contract:

Lab Code: EANDE Case No.: 9002-544 SAS No.: SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: SBLKW3

Sample wt/vol: 1000 (g/mL) ML Lab File ID: E3086

Level: (low/med) LOW Date Received:

% Moisture: not dec. dec. Date Extracted: 10/24/90

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 11/13/90

GPC Cleanup: (Y/N) N pH: Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl)Ether	10	U
95-57-8	2-Chlorophenol	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
100-51-6	Benzyl Alcohol	10	U
95-50-1	1,2-Dichlorobenzene	10	U
95-48-7	2-Methylphenol	10	U
39638-32-9	bis(2-Chloroisopropyl)Ether	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	N-Nitroso-Di-n-Propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
65-85-0	Benzoic Acid	50	U
111-91-1	bis(2-Chloroethoxy)Methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
120-82-1	1,2,4-Trichlorobenzene	10	tU
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
59-50-7	4-Chloro-3-Methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	50	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	50	U
131-11-3	Dimethyl Phthalate	10	U
208-96-8	Acenaphthylene	10	U
606-20-2	2,6-Dinitrotoluene	10	U

1C
SEMIVOLATILE ORGANICS ANALYSIS OATA SHEET

EPA SAMPLE NO.

SBLKW3

Lab Name: E 8 E INC. Contract:

Lab Code: EANDE Case No.: 9002_544 SAS No.: SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: SBLKW3

Sample wt/vol: 1000 (g/mL) ML Lab File ID: E3086

Level: (low/med) LOW Date Receiued:

% Moisture: not dec. dec. Date Extracted: 10/24/90

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 11/13/90

GPC Cleanup: (Y/N) N pH: Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
99-09-2	3-Nitroaniline	50	U
83-32-9	Acenaphthene	10	U
51-28-5	2,4-Dinitrophenol	50	U
100-02-7	4-Nitrophenol	50	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
86-73-7	Fluorene	10	U
100-10-6	4-Nitroaniline	50	U
534-52-1	4,6-Dinitro-2-Methylphenol	50	U
86-30-6	N-Nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
87-86-5	Pentachlorophenol	50	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
84-74-2	Di-n-Butylphthalate	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3'-Dichlorobenzidinc	20	U
56-55-3	Benzo(a)Anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)Phthalate	2	J
117-84-0	Di-n-Octyl Phthalate	10	U
205-99-2	Benzo(b)Fluoranthene	10	U
207-08-9	Benzo(k)Fluoranthene	10	U
50-32-8	Benzo(a)Pyrene	10	U
193-39-5	Indeno(1,2,3-cd)Pyrene	10	U
53-70-3	Dibenz(a,h)Anthracene	10	U
191-24-2	Benzo(g,h,i)Perylene	10	U

(1) - Cannot be separated from Diphenylamine

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SBLKW3

Lab Name: E & E INC. Contract:

Lab Code: EANDE Case No.: 9002-544 SAS No.: SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: SBLKW3

Sample wt/vol: 1000 (g/mL) ML Lab File ID: E3086

Level: (low/med) LOW Date Received:

% Moisture: not dec. dec. Date Extracted: 10/24/90

Extraction: (SepF/Cont/Sonc) SEPF Sate Analyzed: 11/13/90

GPC Cleanup: (Y/N) N pH: Dilution Factor: 1.0

Number TICs found: 2 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN ALCOHOL	7.03	16	J
2.	TRIBROMOPHENOL ISOMER	25.31	13	J

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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLKW5

Lab Name: E & E INC. Contract:

Lab Code: EANDE Case No.: 9002-544 SAS No.: SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: SBLKW5

Sample wt/vol: 1000 (g/mL) ML Lab File ID: E3112

Level: (low/med) LOW Date Received:

% Moisture: not dec. dec. Date Extracted: 10/24/90

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 11/14/90

GPC Cleanup: (Y/N) N pH: Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl)Ether	10	U
95-57-8	2-Chlorophenol	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
100-51-6	Benzyl Alcohol	10	U
95-50-1	1,2-Dichlorobenzene	10	U
95-48-7	2-Methylphenol	10	U
39638-32-9	bis(2-Chloroisopropyl)Ether	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	N-Nitroso-Di-n-Propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
65-85-0	Benzoic Acid	50	U
111-91-1	bis(2-Chloroethoxy)Methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
59-50-7	4-Chloro-3-Methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	50	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	50	U
131-11-3	Dimethyl Phthalate	10	U
208-96-8	Acenaphthylene	10	U
606-20-2	2,6-Dinitrotoluene	10	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLKW5

Lab Name: E & E INC. Contract:

Lab Code: EANDE Case No.: 9002-544 SAS No.: SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: SBLKW5

Sample wt/vol: 1000 (g/mL) ML Lab File ID: E3112

Level: (low/med) LOW Date Received:

% Moisture: not dec. dec. Date Extracted: 10/24/90

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 11/14/90

GPC Cleanup: (Y/N) N pH: Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
99-09-2	3-Nitroaniline	50	U
83-32-9	Acenaphthene	10	U
51-28-5	2,4-Dinitrophenol	50	U
100-02-7	4-Nitrophenol	50	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
7005-72-3	4-Chloropnenyl-phenylether	10	U
86-73-7	Fluorene	10	U
100-10-6	4-Nitroaniline	50	U
534-52-1	4,6-Dinitro-2-Methylphenol	50	U
86-30-6	N-Nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
87-86-5	Pentachlorophenol	50	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
84-74-2	Di-n-Butylphthalate	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	20	U
56-55-3	Benzo(a)Anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)Phthalate	3	J
117-84-0	Di-n-Octyl Phthalate	10	U
205-99-2	Benzo(b)Fluoranthene	10	U
207-08-9	Benzo(k)Fluoranthene	10	U
50-32-8	Benzo(a)Pyrene	10	U
193-39-5	Indeno(1,2,3-cd)Pyrene	10	U
53-70-3	Dibenz(a,h)Anthracene	10	U
191-24-2	Benzo(g,h,i)Perylene	10	U

(1) - Cannot be separated from Diphenylamine

1n9r

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SBLKW5

Lab Name: E 6 E INC. Contract:

Lab Code: EANDE Case No.: 9002_544 SAS No.: SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: SBLKW5

Sample wt/vol: 1000 (g/mL) ML Lab File ID: €3112

Level: (low/med) LOW Date Received:

% Moisture: not dec. dec. Date Extracted: 10/24/90

Extraction: (SepF/Cont/Sonc) SEPF Date knalyzed: 11/14/90

GPC Cleanup: (Y/N) N pH: Dilution Factor: 1.0

Number TICs found: 1

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	TRIBROMOPHENOL ISOMER	25.22	14	J

SEMIUOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLKW1

Lab Name: E & E INC. Contract :

Lab Code: EANDE Case No.: 9002_544 SAS No.: SDG No. :

Matrix: (soil/water) WATER Lab Sample ID: SBLKW1

Sample wt/vol: 1000 (g/mL) ML Lab File ID: E3293

Level: (low/med) LOW Date Received:

% Moisture: not dec. dec. Date Extracted: 11/13/90

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 11/28/90

GPC Cleanup: (Y/N) N pH: Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl)Ether	10	U
95-57-8	2-Chlorophenol	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
100-51-6	Benzyl Alcohol	10	U
95-50-1	1,2-Dichlorobenzene	10	U
95-48-7	2-Methylphenol	10	U
39638-32-9	bis(2-Chloroisopropyl)Ether	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	N-Nitroso-Di-n-Propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
65-85-0	Benzoic Acid	50	U
111-91-1	bis(2-Chloroethoxy)Methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
59-50-7	4-Chloro-3-Methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	50	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	50	U
131-11-3	Dimethyl Phthalate	10	U
208-96-8	Acenaphthylene	10	U
606-20-2	2,6-Dinitrotoluene	10	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLKW1

Lab Name: E & E INC. Contract:

Lab Code: EANDE Case No.: 9002-544 SAS No.: SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: SBLKW1

Sample wt/vol: 1000 (g/mL) ML Lab File ID: E3293

Level: (low/med) LOW Date Received:

% Moisture: not dec. dec. Date Extracted: 11/13/90

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 11/28/90

GPC Cleanup: (Y/N) N pH: Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
99-09-2	3-Nitroaniline	50	U
83-32-9	Acenaphthene	10	U
51-28-5	2,4-Dinitrophenol	50	U
100-02-7	4-Nitrophenol	50	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
86-73-7	Fluorene	10	U
100-10-6	4-Nitroaniline	50	U
534-52-1	4,6-Dinitro-2-Methylphenol	50	U
86-30-6	N-Nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
87-86-5	Pentachlorophenol	50	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
84-74-2	Di-n-Butylphthalate	1	J
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	20	U
56-55-3	Benzo(a)Anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)Phthalate	4	J
117-84-0	Di-n-Octyl Phthalate	10	U
205-99-2	Benzo(b)Fluoranthene	10	U
207-08-9	Benzo(k)Fluoranthene	10	U
50-32-8	Benzo(a)Pyrene	10	U
193-39-5	Indeno(1,2,3-cd)Pyrene	10	U
53-70-3	Dibenz(a,h)Anthracene	10	U
191-24-2	Benzo(g,h,i)Perylene	10	U

(1) - Cannot be separated from Diphenylamine

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SBLKW1

Lab Name: E & E INC. Contract:

Lab Code: EANOE Case No.: 9002-544 SAS No.: SDC No.:

Matrix: (soil/water) WATER Lab Sample ID: SBLKW1

Sample wt/vol: 1000 (g/mL) ML Lab File ID: E3293

Level: (low/med) LOW Date Received:

% Moisture: not dsc. dec. Date Extracted: 11/13/90

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 11/28/90

GPC Cleanup: (Y/N) N pH: Dilution Factor: 1.0

Number TICs found: 7

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	5.93	9.0	J
2.	UNKNOWN	6.85	19	J
3.	UNKNOWN	8.00	11	J
4.	UNKNOWN	9.12	36	J
5.	UNKNOWN	20.27	11	J
6.	UNKNOWN HYDROCARBON	27.35	140	J
7.	UNKNOWN	34.64	25	J

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLKW4

Lab Name: E & E INC. Contract:

Lab Code: EANDE Case No.: 9002_544 SAS No.: SDG No, :

Matrix: (soil/water) WATER Lab Sample ID: SBLKW4

Sample wt/vol: 1000 (g/mL) ML Lab File IO: E3293

Leve1: (low/med) LOW Date Received:

% Moisture: not dec. dcc. Date Extracted: 11/16/90

Extraction: (SepF/Cont/Sonc) SEPF Gate knalyzed: 11/28/90

GPC Cleanup: (Y/N) N pH: Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl)Ether	10	U
95-57-8	2-Chlorophenol	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
100-51-6	Benzyl Alcohol	10	U
95-50-1	1,2-Dichlorobenzene	10	U
95-48-7	2-Methylphenol	10	U
39638-32-9	bis(2-Chloroisopropyl)Ether	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	N-Nitroso-Di-n-Propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
65-85-0	Benzoic Acid	50	U
111-91-1	bis(2-Chloroethoxy)Methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
59-50-7	4-Chloro-3-Methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	50	U
91-58-7	2-Chloronaphthalcne	10	U
88-74-4	2-Nitroaniline	50	U
131-11-3	Dimethyl Phthalate	10	U
208-96-8	Acenaphthylene	10	U
606-20-2	2,6-Dinitrotoluene	10	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLKW4

Lab Name: E & E INC. Contract:

Lab Code: EANDE Case No.: 9002-544 SAS No.: SDC No.:

Matrix: (soil/water) WATER Lab Sample ID: SBLKW4

Sample wt/vol: 1000 (g/mL) ML Lab File ID: E3295

Level: (low/med) LOW Gate Receiued:

% Moisture: not dec. dec. Date Extracted: 11/16/90

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 11/28/90

GPC Cleanup: (Y/N) N pH: Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
99-09-2	3-Nitroaniline	50	U
83-32-9	Acenaphthene	10	U
51-28-5	2,4-Dinitrophenol	50	U
100-02-7	4-Nitrophenol	50	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
86-73-7	Fluorene	10	U
100-10-6	4-Nitroaniline	50	U
534-52-1	4,6-Dinitro-2-Methylphenol	50	U
86-30-6	N-Nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
87-86-5	Pentachlorophenol	50	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
84-74-2	Di-n-Butylphthalate	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	20	U
56-55-3	Benzo(a)Anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)Phthalate	4	IJ
117-84-0	Di-n-Octyl Phthalate	10	U
205-99-2	Benzo(b)Fluoranthene	10	U
207-08-9	Benzo(k)Fluoranthene	10	U
50-32-8	Benzo(a)Pyrene	10	U
193-39-5	Indeno(1,2,3-cd)Pyrene	10	U
53-70-3	Dibenz(a,h)Anthracene	10	U
191-24-2	Benzo(g,h,i)Perylene	10	U

(1) - Cannot be separated from Diphenylamine

1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SBLKW4

Lab Name: E & E SNC. Contract:

Lab Code: EANDE Case No.: 9002-544 SAS No.: SDG No. :

Matrix: (soil/water) WATER Lab Sample ID: SBLKW4

Sample wt/vol: 1000 (g/mL) ML Lab File ID: E3295

Level: (low/med) LOW Date Received:

% Moisture: not dsc. dec. Date Extracted: 11/16/90

Extraction: (SepF/Cont/Sonc) SEPF Gate Analyzed: 11/28/90

GPC Cleanup: (Y/N) N pH: Dilution Factor: 1.0

Number TICs found: 5

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN ALCOHOL	6.82	15	J
2.	UNKNOWN	9.23	100	J
3.	UNKNOWN HYDROCARBON	27.18	260	J
4.	UNKNOWN	38.68	17	J
5.	UNKNOWN	44.77	8.0	J

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GM15

Lab Name: Ecology & Environment, Inc. Contract: _____

Lab Code: EANDE Case No.: 9002.544 SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 888607

Sample wt/vol: 1000 (g/mL) mL Lab File ID: _____

Level: (low/med) Low Date Received: 10/19/90

% Moisture: not dec. — dec. _____ Date Extracted: 10/24/90

Extraction: (SepF/Cont/Sonc) SepF Data Analyzed: 11/27/90

GPC Cleanup: (Y/N) N pH: ____ Dilution Factor: 1

CAS NO.	COMPOUND	CONCENTRATION UNITS (ug/L or ug/Kg) ug/L	Q
319-84-6	alpha-BHC	0.05	U
319-85-7	beta-BHC	↓	U
319-86-8	delta-BHC	↓	U
58-89-9	gamma-BHC (Lindane)	↓	U
76-44-8	Heptachlor	↓	U
309-00-2	Aldrin	↓	U
1024-57-3	Heptachlor epoxide	↓	U
959-98-8	Endosulfan I	↓	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	↓	U
72-20-8	Endrin	↓	U
33213-65-9	Endosulfan II	↓	U
72-54-8	4,4'-DDD	↓	U
1031-07-8	Endosulfan sulfate	↓	U
50-29-3	4,4'-DDT	↓	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
5103-71-9	alpha-Chlordane	0.50	U
5103-74-2	gamma-Chlordane	0.50	U
8001-35-2	Toxaphene	1.0	U
12674-11-2	Aroclor-1016	0.50	U
11104-28-2	Aroclor-1221	↓	U
11141-16-5	Aroclor-1232	↓	U
53469-21-9	Aroclor-1242	↓	U
12672-29-6	Aroclor-1248	↓	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO,

GM26

Lab Name: ECOLOGY & ENVIRONMENT, INC Contract: _____

Lab Code: [redacted] Case No.: 9002.544 SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 88743

Sample wt/vol: 1000 (g/mL) ML Lab File ID: _____

Level: (low/med) LOW Date Received: 10/18/90

% Moisture: not dec. — dec. — Date Extracted: 10/22/90

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 11/21/90

GPC Cleanup: (Y/N) N pH: ____ Dilution Factor: 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
319-84-6	alpha-BHC	0.05	U
319-85-7	beta-BHC	↓	U
319-86-8	delta-BHC	↓	U
58-89-9	gamma-BHC (Lindane)	↓	U
76-44-8	Heptachlor	↓	U
309-00-2	Aldrin	↓	U
1024-57-3	Heptachlor epoxide	↓	U
959-98-8	Endosulfan I	↓	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	↓	U
72-20-8	Endrin	↓	U
33213-65-9	Endosulfan II	↓	U
72-54-8	4,4'-DDD	↓	U
1031-07-8	Endosulfan sulfate	↓	U
50-29-3	4,4'-DDT	↓	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
5103-71-9	alpha-Chlordane	0.50	U
5103-74-2	gamma-Chlordane	0.50	U
8001-35-2	Toxaphene	1.0	U
12674-11-2	Aroclor-1016	0.50	U
11104-28-2	Aroclor-1221	↓	U
11141-16-5	Aroclor-1232	↓	U
53469-21-9	Aroclor-1242	↓	U
12672-29-6	Aroclor-1248	↓	U
[illegible]	Aroclor-1254	1.	U
11096-82-5	Aroclor-1260	1.0	U

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GM28

Lab Name: ECOLOGY & ENVIRONMENT, INC Contract: _____

Lab Code: ENDE Case No.: 9002.544 SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 88744

Sample wt/vol: 1000 (g/mL) ML Lab File ID: _____

Level: (low/med) LOW Date Received: 10/18/90

% Moisture: not dec. — dec. — Date Extracted: 10/22/90

Extraction: (SepF/Cont/Sonc) SEPF Data Analyzed: 11/27/90

GPC Cleanup: (Y/N) N pH: ____ Dilution Factor: 1

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L

CAS NO.	COMPOUND		Q
319-84-6	alpha-BHC	0.05	U
319-85-7	beta-BHC	↓	U
319-86-8	delta-BHC	↓	U
58-89-9	gamma-BHC (Lindane)	↓	U
76-44-8	Heptachlor	↓	U
309-00-2	Aldrin	↓	U
1024-57-3	Heptachlor epoxide	↓	U
959-98-8	Endosulfan I	↓	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	↓	U
72-20-8	Endrin	↓	U
33213-65-9	Endosulfan II	↓	U
72-54-8	4,4'-DDD	↓	U
1031-07-8	Endosulfan sulfate	↓	U
50-29-3	4,4'-DDT	↓	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
5103-71-9	alpha-Chlordane	0.50	U
5103-74-2	gamma-Chlordane	0.50	U
8001-35-2	Toxaphene	1.0	U
12674-11-2	Aroclor-1016	0.50	U
11104-28-2	Aroclor-1221	↓	U
11141-16-5	Aroclor-1232	↓	U
53469-21-9	Aroclor-1242	↓	U
12672-29-6	Aroclor-1248	↓	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

1D
PESTICIDE ORGANICS ANALYSIS DATASHEET

EPA SAMPLE NO.

GM36

Lab Name: Ecology & Environment, Inc. Contract: _____

Lab Code: EANDE Case No.: 9002-544 SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 9XR68

Sample wt/vol: 1000 (g/mL) mL Lab File ID: _____

Level: (low/med) Low Date Received: 10/19/90

% Moisture: not dec. — dec. _____ Date Extracted: 10/24/90

Extraction: (SepF/Cont/Sonc) SepF Date Analyzed: 11/27/90

GPC Cleanup: (Y/N) N pH: ____ Dilution Factor: 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
319-84-6	alpha-BHC	0.05	U
319-85-7	beta-BHC		U
319-86-8	delta-BHC		U
58-89-9	gamma-BHC (Lindane)		U
76-44-8	Heptachlor		U
309-00-2	Aldrin		U
1024-57-3	Heptachlor epoxide		U
959-98-8	Endosulfan I		U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE		U
72-20-8	Endrin		U
33213-65-9	Endosulfan II		U
72-54-8	4,4'-DDD		U
1031-07-8	Endosulfan sulfate		U
50-29-3	4,4'-DDT		U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
5103-71-9	alpha-Chlordane	0.50	U
5103-74-2	gamma-Chlordane	0.50	U
8001-35-2	Toxaphene	1.0	U
12674-11-2	Aroclor-1016	0.50	U
11104-28-2	Aroclor-1221		U
11141-16-5	Aroclor-1232		U
53469-21-9	Aroclor-1242		U
12672-29-6	Aroclor-1248		U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GM47

Lab Name: ECOLOGY & ENVIRONMENT, INC Contract: _____

Lab Code: EANDE Case No.: 9002.544 SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 88745

Sample wt/vol: 1000 (g/mL) ML Lab Fila ID: _____

Level: (low/med) LOW Date Received: 10/18/90

% Moisture: not dec. — dec. — Date Extracted: 10/22/90

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 11/27/90

GPC Cleanup: (Y/N) N pH: ____ Dilution Factor: 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
319-84-6	alpha-BHC	0.05	U
319-85-7	beta-BHC		U
319-86-8	delta-BHC		U
58-89-9	gamma-BHC (Lindane)		U
76-44-8	Heptachlor		U
309-00-2	Aldrin		U
1024-57-3	Heptachlor epoxide		U
959-98-8	Endosulfan I		U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE		U
72-20-8	Endrin		U
33213-65-9	Endosulfan II		U
72-54-8	4,4'-DDD		U
1031-07-8	Endosulfan sulfate		U
50-29-3	4,4'-DDT		U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
5103-71-9	alpha-Chlordane	0.50	U
5103-74-2	gamma-Chlordane	0.50	U
8001-35-2	Toxaphene	1.0	U
12674-11-2	Aroclor-1016	0.50	U
11104-28-2	Aroclor-1221		U
11141-16-5	Aroclor-1232		U
53469-21-9	Aroclor-1242		U
12672-29-6	Aroclor-1248		U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Gm48

Lab Name: ECOLOGY & ENVIRONMENT, INC Contract: _____

Lab Code: EANDE Case No.: 9002.544 SAS No.: _____ SDG No.: _____

Matrix: (soil/water) Lab Sample ID: 88746

Sample wt/vol: 1000 (g/mL) ML Lab File ID: _____

Level: (low/med) LOW Date Received: 10/18/90

% Moisture: not dec. — dec. — Date Extracted: 10/22/90

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 11/27/90

GPC Cleanup: (Y/N) N pH: ____ Dilution Factor: 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
319-84-6	alpha-BHC	0.05	U
319-85-7	beta-BHC	↓	U
319-86-8	delta-BHC	↓	U
58-89-9	gamma-BHC (Lindane)	↓	U
76-44-8	Heptachlor	↓	U
309-00-2	Aldrin	↓	U
1024-57-3	Heptachlor epoxide	↓	U
959-98-8	Endosulfan I	↓	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	↓	U
72-20-8	Endrin	↓	U
33213-65-9	Endosulfan II	↓	U
72-54-8	4,4'-DDD	↓	U
1031-07-8	Endosulfan sulfate	↓	U
50-29-3	4,4'-DDT	↓	U
72-43-5	Methoxychlor	0.5	U
53494-70-5	Endrin ketone	0.10	U
5103-71-9	alpha-Chlordane	0.50	U
5103-74-2	gamma-Chlordane	0.50	U
8001-35-2	Toxaphenr	1.0	U
12674-11-2	Aroclor-1016	0.50	U
11104-28-2	Aroclor-1221	↓	U
11141-16-5	Aroclor-1232	↓	U
53469-21-9	Aroclor-1242	↓	U
12672-29-6	Aroclor-1248	↓	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GM49

Lab Name: ECOLOGY & ENVIRONMENT, INC Contract: _____

Lab Code: EANDE Case No.: 9002.544 SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 88747

Sample wt/vol: 1000 (g/mL) ML Lab File ID: '

Level: (low/med) LOW Date Received: 10/18/90

% Moisture: not dec. — dec. — Date Extracted: 10/22/90

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 11/27/90

GPC Cleanup: (Y/N) N pH: ____ Dilution Factor: 1

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L

CAS NO.	COMPOUND		Q
319-84-6	alpha-BHC	0.05	U
319-85-7	beta-BHC		U
319-86-8	delta-BHC		U
58-89-9	gamma-BHC (Lindane)		U
76-44-8	Heptachlor		U
309-00-2	Aldrin		U
1024-57-3	Heptachlor epoxide		U
959-98-8	Endosulfan I		U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE		U
72-20-8	Endrin		U
33213-65-9	Endosulfan II		U
72-54-8	4,4'-DDD		U
1031-07-8	Endosulfan sulfate		U
50-29-3	4,4'-DDT		U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
5103-71-9	alpha-Chlordane	0.50	U
5103-74-2	gamma-Chlordane	0.50	U
8001-35-2	Toxaphene	1.0	U
12674-11-2	Aroclor-1016	0.50	U
11104-28-2	Aroclor-1221		U
11141-16-5	Aroclor-1232		U
53469-21-9	Aroclor-1242		U
12672-29-6	Aroclor-1248		U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GM51

Lab Name: ECOLOGY & ENVIRONMENT, INC. Contract: _____

Lab Code: EANDE Case No: 9002544 SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 88748

Sample wt/vol: 1000 (g/mL) ML Lab File ID: _____

Level: (low/med) LOW Date Received: 10/18/90

% Moisture: not dec. — dec. — Date Extracted: 10/22/90

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 11/27/90

GPC Cleanup: (Y/N) N pH: ____ Dilution Factor: 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
319-84-6	alpha-BHC	0.05	U
319-85-7	beta-BHC		U
319-86-8	delta-BHC		U
58-89-9	gamma-BHC (Lindane)		U
76-44-8	Heptachlor		U
309-00-2	Aldrin		U
1024-57-3	Heptachlor epoxide		U
959-98-8	Endosulfan I		U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE		U
72-20-8	Endrin		U
33213-65-9	Endosulfan II		U
72-54-8	4,4'-DDD		U
1031-07-8	Endosulfan sulfate		U
50-29-3	4,4'-DDT		U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
5103-71-9	alpha-Chlordane	0.50	U
5103-74-2	gamma-Chlordane	0.50	U
8001-35-2	Toxaphene	1.0	U
12674-11-2	Aroclor-1016	0.50	U
11104-28-2	Aroclor-1221		U
11141-16-5	Aroclor-1232		U
53469-21-9	Aroclor-1242		U
12672-29-6	Aroclor-1248		U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GM52

Lab Name: Ecology & Environment, Inc Contract: _____

Lab Code: EANDE Case No.: 9002.544 SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 88870

Sample wt/vol: 1000 (g/mL) mL Lab File ID: _____

Level: (low/med) Lo3 Date Received: 10/19/90

% Moisture: not dec. — dec. — Date Extracted: 10/24/90

Extraction: (SepF/Cont/Sonc) SepF Date Analyzed: 11/27/90

GPC Cleanup: (Y/N) N pH: ____ Dilution Factor: 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
319-84-6	alpha-BHC	0.05	U
319-85-7	beta-BHC		U
319-86-8	delta-BHC		U
58-89-9	gamma-BHC (Lindane)		U
76-44-8	Heptachlor		U
309-00-2	Aldrin		U
1024-57-3	Heptachlor epoxide		U
959-98-8	Endosulfan I		U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE		U
72-20-8	Endrin		U
33213-65-9	Endosulfan II		U
72-54-8	4,4'-DDD		U
1031-07-8	Endosulfan sulfate		U
50-29-3	4,4'-DDT		U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
5103-71-9	alpha-Chlordane	0.50	U
5103-74-2	gamma-Chlordane	0.50	U
8001-35-2	Toxaphene	1.0	U
12674-11-2	Aroclor-1016	0.50	U
11104-28-2	Aroclor-1221		U
11141-16-5	Aroclor-1232		U
53469-21-9	Aroclor-1242		U
12672-29-6	Aroclor-1248		U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

6M52D

Lab Name: Ecology & Environment, Inc Contract: _____

Lab Code: EANDE Case No.: 9002.544 SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 88871

Sample wt/vol: 1000 (g/mL) mL Lab File ID: _____

Level: (low/med) Low Date Received: 10/19/90

% Moisture: not dec. — dec. — Date Extracted: 10/24/90

Extraction: (SepF/Cont/Sonc) SepF Date Analyzed: 11/27/90

GPC Cleanup: (Y/N) N pH: ____ Dilution Factor: 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) µg/L	Q
319-84-6	alpha-BHC	0.05	U
319-85-7	beta-BHC		U
319-86-8	delta-BHC		U
58-89-9	gamma-BHC (Lindane)		U
76-44-8	Heptachlor		U
309-00-2	Aldrin		U
1024-57-3	Heptachlor epoxide		U
959-98-8	Endosulfan I		U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE		U
72-20-8	Endrin		U
33213-65-9	Endosulfan II		U
72-54-8	4,4'-DDD		U
1031-07-8	Endosulfan sulfate		U
50-29-3	4,4'-DDT		U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
5103-71-9	alpha-Chlordane	0.50	U
5103-74-2	gamma-Chlordane	0.50	U
8001-35-2	Toxaphene	1.0	U
12674-11-2	Aroclor-1016	0.50	U
11104-28-2	Aroclor-1221		U
11141-16-5	Aroclor-1232		U
53469-21-9	Aroclor-1242		U
12672-29-6	Aroclor-1248		U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

1D

PESTICIDE ORGANICS *ANALYSIS DATA* SHEET

EPA SAMPLE NO.

FB01

Lab Name: ECOLOGY & ENVIRONMENT, INC Contract: _____

Lab Code: EANDE Case No.: 9002.544 SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 88749

Sample wt/vol: 1000 (g/mL) ML Lab File ID: _____

Level: (low/med) LOW Date Received: 10/18/90

% Moisture: not dec. — dec. — Date Extracted: 10/22/90

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 11/21/90

GPC Cleanup: (Y/N) N pH: ____ Dilution Factor: 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
319-84-6	alpha-BHC	0.05	U
319-85-7	beta-BHC		U
319-86-8	delta-BHC		U
58-89-9	gamma-BHC (Lindane)		U
76-44-8	Heptachlor		U
309-00-2	Aldrin		U
1024-57-3	Heptachlor epoxide		U
959-98-8	Endosulfan I		U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE		U
72-20-8	Endrin		U
33213-65-9	Endosulfan II		U
72-54-8	4,4'-DDD		U
1031-07-8	Endosulfan sulfate		U
50-29-3	4,4'-DDT		U
72-43-5	Methoxychlor	0.5	U
53494-70-5	Endrin ketone	0.10	U
5103-71-9	alpha-Chlordane	0.5	U
5103-74-2	gamma-Chlordane	0.5	U
8001-35-2	Toxaphene	1.0	U
12674-11-2	Aroclor-1016	0.5	U
11104-28-2	Aroclor-1221		U
11141-16-5	Aroclor-1232		U
53469-21-9	Aroclor-1242		U
12672-29-6	Aroclor-1248		U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

1D

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RB01-RINS

Lab Name: ECOLOGY & ENVIRONMENT, INC Contract: _____

Lab Code: EANDE Case No.: 902544 SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 88750

Sample wt/vol: 1000 (g/mL) ML Lab File ID: _____

Level: (low/med) LOW Date Received: 10/18/90

% Moisture: not dec. — dec. — Date Extracted: 10/22/90

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 11/21/90

GPC Cleanup: (Y/N) N pH: ____ Dilution Factor: 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
319-84-6	alpha-BHC	0.05	U
319-85-7	beta-BHC		U
319-86-8	delta-BHC		U
58-89-9	gamma-BHC (Lindane)		U
76-44-8	Heptachlor		U
309-00-2	Aldrin		U
1024-57-3	Heptachlor epoxide		U
959-98-8	Endosulfan I		U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE		U
72-20-8	Endrin		U
33213-65-9	Endosulfan II		U
72-54-8	4,4'-DDD		U
1031-07-8	Endosulfan sulfate		U
50-29-3	4,4'-DDT		U
72-43-5	Methoxychlor	0.5	U
53494-70-5	Endrin ketone	0.10	U
5103-71-9	alpha-Chlordane	0.5	U
5103-74-2	gamma-Chlordane	0.5	U
8001-35-2	Toxaphene	1.0	U
12674-11-2	Aroclor-1016	0.5	U
11104-28-2	Aroclor-1221		U
11141-16-5	Aroclor-1232		U
53469-21-9	Aroclor-1242		U
12672-29-6	Aroclor-1248		U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

PESTICIDE ORGANICS 1D ANALYSIS DATA SHEET

EPA SAMPLE NO.

RB01-RINSMS

Lab Name: ECOLOGY & ENVIRONMENT, INC Contract: _____

Lab Code: EANDE case No.: 902544 SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 88750

sample wt/vol: 1000 (g/mL) ML Lab File ID: _____

Level: (low/med) LOW Date Received: 10/18/90

% Moisture: not dec. — dec. — Date Extracted: 10/22/90

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 11/21/90

GPC Cleanup: (Y/N) N pH: ____ Dilution Factor: 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
319-84-6	alpha-BHC	0.05	U
319-85-7	beta-BHC		U
319-86-8	delta-BHC		U
58-89-9	gamma-BHC (Lindane)		U
76-44-8	Heptachlor		U
309-00-2	Aldrin		U
1024-57-3	Heptachlor epoxide		U
959-98-8	Endosulfan I		U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE		U
72-20-8	Endrin		U
33213-65-9	Endosulfan II		U
72-54-8	4,4'-DDD		U
1031-07-8	Endosulfan sulfate		U
50-29-3	4,4'-DDT		U
72-43-5	Methoxychlor	0.5	U
53494-70-5	Endrin ketone	0.10	U
5103-71-9	alpha-Chlordane	0.5	U
5103-74-2	gamma-Chlordane	0.5	U
8001-35-2	Toxaphene	1.0	U
12674-11-2	Aroclor-1016	0.5	U
11104-28-2	Aroclor-1221		U
11141-16-5	Aroclor-1232		U
53469-21-9	Aroclor-1242		U
12672-29-6	Aroclor-1248		U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO

PBLKW1

Lab Name: ECOLOGY & ENVIRONMENT, INC Contract: _____

Lab Code: _____ Case No.: 9002.544 SAS No.: _____ SDG No.: _____

Matrix: (soil/water) _ Lab Sample ID: WBK013101565-38

Sample wt/vol: 1000 (g/mL) ML Lab File ID: _____

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. — dec. — Date Extracted: 10/22/90

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 11/21/90

GPC Cleanup: (Y/N) N pH: ____ Dilution Factor: 1

CAS NO,	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
319-84-6	alpha-BHC	0.05	U
319-85-7	beta-BHC		U
319-86-8	delta-BHC		U
58-89-9	gamma-BHC (Lindane)		U
76-44-8	Heptachlor		U
309-00-2	Aldrin		U
1024-57-3	Heptachlor epoxide		U
959-98-8	Endosulfan I		U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE		U
72-20-8	Endrin		U
33213-65-9	Endosulfan XI		U
72-54-8	4,4'-DDD		U
1031-07-8	Endosulfan sulfate		U
50-29-3	4,4'-DDT		U
72-43-5	Methoxychlor		U
53494-70-5	Endrin ketone	.10	U
5103-71-9	alpha-Chlordane	0.50	U
5103-74-2	gamma-Chlordane	0.50	U
8001-35-2	Toxaphene	1.0	U
12674-11-2	Armlor-1016	0.50	U
11104-28-2	Aroclor-1221		U
11141-16-5	Aroclor-1232		U
53469-21-9	Aroclor-1242		U
12672-29-6	Aroclor-1248		U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PBLKW2

Lab Name: Ecology & Environment, Inc Contract: _____

Lab Code: _____ Case No.: 9002.544 SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: WBK013101565-44

Sample wt/vol: 1000 (g/mL) mL Lab File ID: _____

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. — dec. — Date Extracted: 10/24/90

Extraction: (SepF/Cont/Sonc) SepF Date Analyzed: 11/27/90

GPC Cleanup: (Y/N) N pH: ____ Dilution Factor: 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
319-84-6	alpha-BHC	0.05	U
319-85-7	beta-BHC		U
319-86-8	delta-BHC		U
58-89-9	gamma-BHC (Lindane)		U
76-44-8	Heptachlor		U
309-00-2	Aldrin		U
1024-57-3	Heptachlor epoxide		U
959-98-8	Endosulfan I		U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE		U
72-20-8	Endrin		U
33213-65-9	Endosulfan II		U
72-54-8	4,4'-DDD		U
1031-07-8	Endosulfan sulfate		U
50-29-3	4,4'-DDT		U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
5103-71-9	alpha-Chlordane	0.50	U
5103-74-2	gamma-Chlordane	0.50	U
8001-35-2	Toxaphene	1.0	U
12674-11-2	Aroclor-1016	0.50	U
11104-28-2	Aroclor-1221		U
11141-16-5	Aroclor-1232		U
53469-21-9	Aroclor-1242		U
12672-29-6	Aroclor-1248		U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PBLKW3

Lab Name: ECOLOGY & ENVIRONMENT, INC Contract: _____

Lab Code: _____ Case No.: 9002.944 SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: WBK013101585-41

Sample wt/vol: 1000 (g/mL) ML Lab File ID: _____

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. — dec. — Date Extracted: 10/23/90

Extraction: (SepF/Cont/Sonc) SEPF Date Analyzed: 11/21/90

GPC Cleanup: (Y/N) N pH: ____ Dilution Factor: 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
319-84-6	alpha-BHC	0.05	U
319-85-7	beta-BHC	↓	U
319-86-8	delta-BHC	↓	U
58-89-9	gamma-BHC (Lindane)	↓	U
76-44-8	Heptachlor	↓	U
309-00-2	Aldrin	↓	U
1024-57-3	Heptachlor epoxide	↓	U
959-98-8	Endosulfan I	↓	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	↓	U
72-20-8	Endrin	↓	U
33213-65-9	Endosulfan II	↓	U
72-54-8	4,4'-DDD	↓	U
1031-07-8	Endosulfan sulfate	↓	U
50-29-3	4,4'-DDT	↓	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
5103-71-9	alpha-Chlordane	0.50	U
5103-74-2	gamma-Chlordane	0.50	U
8001-35-2	Toxaphene	1.0	U
12674-11-2	Aroclor-1016	0.50	U
11104-28-2	Aroclor-1221	↓	U
11141-16-5	Aroclor-1232	↓	U
53469-21-9	Aroclor-1242	↓	U
12672-29-6	Aroclor-1248	↓	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GM15 MS

Lab Name: Ecology & Environment, Inc Contract: _____

Lab Code: EANDE Case No.: 9002.544 SAS No.: _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 898467

Sample wt/vol: 1000 (g/mL) mL Lab File ID: _____

Level: (low/med) Low Date Received: 10/19/90

% Moisture: not dec. — dec. _____ Date Extracted: 10/24/90

Extraction: (SepF/Cont/Sonc) SepF Date Analyzed: 11/27/90

GPC Cleanup: (Y/N) N pH: ____ Dilution Factor: 1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	Q
319-84-6	alpha-BHC	0.05	U
319-85-7	beta-BHC		U
319-86-8	delta-BHC		U
58-89-9	gamma-BHC (Lindane)		U
76-44-8	Heptachlor		U
309-00-2	Aldrin		U
1024-57-3	Heptachlor epoxide		U
959-98-8	Endosulfan I		U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE		U
72-20-8	Endrin		U
33213-65-9	Endosulfan II		U
72-54-8	4,4'-DDD		U
1031-07-8	Endosulfan sulfate		U
50-29-3	4,4'-DDT		U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
5103-71-9	alpha-Chlordane	0.50	U
5103-74-2	gamma-Chlordane	0.50	U
8001-35-2	Toxaphene	1.0	U
12674-11-2	Aroclor-1016	0.50	U
11104-28-2	Aroclor-1221		U
11141-16-5	Aroclor-1232		U
53469-21-9	Aroclor-1242		U
12672-29-6	Aroclor-1248		U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U