Table 5.1 Summary of field QC samples in soil and groundwater, ByPass Channel Site, Louisiana.

| PARAMETER | EPA METHOD | SOIL | | GROUNDWATER | | | |
|---|---|---|---|---|---|---|---|
| | | Total Soil* | Field QC Duplicate | Ground-Water*,# | Field QC Duplicate | Trip Blank | Rinseate |
| VOLATILE | 8240 | 91 | 7 | 17 | 1 | 1 | 1 |
| BTEX | 8021 | 15 | 1 | 5 | 1 | 0 | 0 |
| SEMIVOLATILE | 8270 | 76 | 7 | 15 | 1 | 1 | 1 |
| CHLOR. HYDROCARBON | 8121 | 73 | 6 | 15 | 1 | 1 | 1 |
| ORG. CHL. PEST/PCB | 8080 | 6 | 2 | 3 | 0 | 1 | 0 |
| CHL. HERBICIDE | 8150 | 2 | 1 | 1 | 0 | 0 | 0 |
| PAH | 8100 | 15 | 0 | 2 | 0 | 0 | 0 |
| TPH | CA LUFT | 46 | 4 | 6 | 1 | 0 | 0 |
| OIL & GREASE | 9071 | 31 | 3 | 2 | 0 | 0 | 0 |
| TCLP | 1311 | 20 | 1 | 0 | 0 | 0 | 0 |
| IGNITABILITY | M1010 | 13 | 1 | 0 | 0 | 0 | 0 |
| TCLP (Pb) | | 4 | 2@ | 0 | 0 | 0 | 0 |
| METALS | | | | | | | |
| Arsenic | 6010 \ 7060 | 84 | 5 | 18 | 1 | 1 | 1 |
| Barium | 6010 | 84 | 5 | 18 | 1 | 1 | 1 |
| Cadmium | 6010 | 84 | 5 | 18 | 1 | 1 | 1 |
| Chromium | 6010 | 84 | 5 | 18 | 1 | 1 | 1 |
| Lead | 6010 | 109 | 7 | 23 | 2 | 1 | 1 |
| Mercury | 7470 \ 7471 | 84 | 6 | 18 | 1 | 1 | 1 |
| Selenium | 7740 \ 6010 | 84 | 6 | 18 | 1 | 1 | 1 |
| Silver | 6010 | 84 | 6 | 18 | 1 | 1 | 1 |
| Aluminum | 6010 | 0 | 0 | 2 | 0 | 0 | 0 |
| Zinc | 6010 | 0 | 0 | 3 | 0 | 0 | 0 |
| Calcium | 6010 | 0 | 0 | 1 | 0 | 0 | 0 |
| ASBESTOS | 600 / M4-82-020 | 2 | 0 | 0 | 0 | 0 | 0 |
| DIOXIN-SCREEN | 8270 | 2 | 0 | 0 | 0 | 0 | 0 |

* - Duplicates Included

# - Do not include samples such as surface run-off (IC-RO-1 for boring IC-1) and drilling fluids (IC-6-TW, IC-6-DF1 and IC-6-DF2 for boring IC-6); @ - Re-analysis from same sample container (IC-6S-10).

Table 5.2 RPD Category of Analytical Results of Field Soil and Groundwater Duplicate Samples, ByPass Channel Site, IHNC, New Orleans, Louisiana.

| PARAMETER | EPA METHOD | RPD ** </= 35% (20% in water) (Good) | </= 80% (Fair) | > 80% (Poor) |
|---|---|---|---|---|
| VOLATILE | 8240 | 5* | 4 | 3 |
| BTEX | 8021 | (1)* | 1 | 1 |
| SEMIVOLATILE | 8270 | 5 | 11 | 3 |
| CHL. HYDROCARBONS | 8121 | 1 | - | - |
| TPH | CA LUFT | 1 | 1 | 1 |
| OIL & GREASE | 9071 | 2 | 1 | - |
| TCLP | 1311 | 2 | - | - |
| TCLP (Pb only) | 1311 | - | 1 # | 1 # |
| METALS | | | | |
| Arsenic | 6010\ 7060 | 3, (1) | 1 | - |
| Barium | 6010 | 5 | 1, (1) | - |
| Chromium | 6010 | 4, (1) | 1 | - |
| Lead | 6010 | 4 | 1, (1) | 2, (1) |
| Mercury | 7470\ 7471 | 4 | 1, (1) | 1 |

* 5,(1) - number of analysis under the RPD category : 5 - Soil analysis, (1) - Groundwater analysi
# - Re-analysis of the same sample (IC-BS-10)
** RPD (Relative Percent Difference) = {(Sample - Duplicate) / ([Sample + Duplicate]/ 2)} x 10
NOTE : Field duplicates may be taken as a measure of both field and laboratory precision; field duplicates may have more variability than laboratory duplicates; EPA (1988) recommends an advisory range of +/- 50% (30% in water) for field duplicates.

Table 6.1a Summary of Analytical Results In Soils, Sh allow Borings, ByPass Channel Site, IHNC, New Orleans, Louisiana

| PARAMETER | IC-BS-2 | IC-BS-3 | IC-BS-3D | IC-BS-5 | IC-BS-6 | IC-BS-7 | IC-BS-8 | IC-BS-8D | IC-BS-9 | IB-BS-9D | IC-BS-10 | IC-BS-10D | IC-BS-11 | IC-MS-1 | IC-MS-3 | IC-MS-5 | IC-MS-6 | IC-IS-1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| VOLATILES, ug/kg | | | | | | | | | | | | | | | | | | |
| Acrolein | 50 U | NA | 50 U | NA | 50 U | 50 U | NA | 50 U | 50 L | 50 U | NA | 50 U | 50 U | 50U | 50 U | NA | 50 U | 50 U |
| Acrylonitrile | 50 U | NA | 50 U | NA | 50 U | 50 U | NA | 50 U | 50 L | 50 U | NA | 50 U | 50 U | 50U | 50 U | NA | 50 U | 50 U |
| Chloromethane (Methyl Chloride) | 10 U | NA | 10 U | NA | 10 U | 10 U | NA | 10 U | 10 L | 10 U | NA | 10 U | 10 U | 10U | 10 U | NA | 10 U | 10 U |
| Bromomethane | 10 U | NA | 10 U | NA | 10 U | 10 U | NA | 10 U | 10 L | 10 U | NA | 10 U | 10 U | 10U | 10 U | NA | 10 U | 10 U |
| Vinyl Chloride (Chloroethylene) | 10 U | NA | 10 U | NA | 10 U | 10 U | NA | 10 U | 10 L | 10 U | NA | 10 U | 10 U | 10U | 10 U | NA | 10 U | 10 U |
| Chloroethane | 10 U | NA | 10 U | NA | 10 U | 10 U | NA | 10 U | 10 L | 10 U | NA | 10 U | 10 U | 10U | 10 U | NA | 10 U | 10 U |
| Methylene Chloride (Dichloromethane) | 21 B | NA | 67 | NA | 31 B | 30 | NA | 100 | 19 B | 110 | NA | 110 | 71 | 6 B | 5 U | NA | 59 | 6 B |
| 1,1-Dichloroethene | 5 U | NA | 5U | NA | 5 U | 5 U | NA | 5 U | 5 U | 5 U | NA | 5 U | 5 U | 5 U | 5 U | NA | 5 U | 5 U |
| 1,1-Dichloroethane | 5 U | NA | 5U | NA | 5 U | 5 U | NA | 5 U | 5 U | 5 U | NA | 5 U | 5 U | 5 U | 5 U | NA | 5 U | 5 U |
| 1,2-Dichloroethene (total) | 5 U | NA | 5U | NA | 5 | 5 U | NA | 5 U | 5 U | 5 U | NA | 5 U | 5 U | 5 U | 5 U | NA | 5 U | 5 U |
| Trichlorofluoromethane | 5 U | NA | 5U | NA | 5 U | 5 U | NA | 5 U | 5 U | 5 U | NA | 5 U | 5 U | 5 U | 5 U | NA | 5 U | 5 U |
| Chloroform (trichloromethane, TCM) | 5 U | NA | 5U | NA | 5 U | 5 U | NA | 5 U | 5 U | 5 U | NA | 5 U | 5 U | 5 U | 5 U | NA | 5 U | 5 U |
| 1,2-Dichloroethane (EDC) | 5 U | NA | 5U | NA | 5 U | 7 | NA | 5 U | 5 | 5 U | NA | 6 | 6U | 5 U | 5 U | NA | 5 U | 5 U |
| 1,1,1-Trichloroethane (TCA) | 5 U | NA | 5U | NA | 5 U | 5 U | NA | 5 U | 5 U | 5 U | NA | 5 U | 5 U | 5 U | 5 U | NA | 5 U | 5 U |
| Carbon Tetrachloride (Tetrachloromethane, TeCM) | 5 U | NA | 5U | NA | 5 U | 5 U | NA | 5 U | 5 U | 5 U | NA | 5 U | 5 U | 5 U | 5 U | NA | 5 U | 5 U |
| Bromodichloromethane | 5 U | NA | 5U | NA | 5 U | 5 U | NA | 5 U | 5 U | 5 U | NA | 5 U | 5 U | 5 U | 5 U | NA | 5 U | 5 U |
| 1,2-Dichloropropane | 5 U | NA | 5U | NA | 5 U | 5 U | NA | 5 U | 5 U | 5 U | NA | 5 U | 5 U | 5 U | 5 U | NA | 5 U | 5 U |
| trans-1,3-Dichloropropene | 5 U | NA | 5U | NA | 5 U | 5 U | NA | 5 U | 5 U | 5 U | NA | 5 U | 5 U | 5 U | 5 U | NA | 5 U | 5 U |
| Trichloroethene (Trichloroethylene, TCE) | 12 | NA | 16 | NA | 22 | 47 | NA | 11 | 12 | 28 | NA | 5 U | 16 | 5 U | 5 U | NA | 5 U | 5 U |
| Dibromochloromethane | 5 U | NA | 5U | NA | 5 U | 5 U | NA | 5 U | 5 U | 5 U | NA | 5 U | 5 U | 5 U | 5 U | NA | 5 U | 5 U |
| 1,1,2-Trichloroethane | 5 U | NA | 5U | NA | 5 U | 5 U | NA | 5 U | 5 U | 5 U | NA | 5 U | 5 U | 5 U | 5 U | NA | 5 U | 5 U |
| Benzene | 5 U | NA | 5U | NA | 5 U | 7 | NA | 5 U | 5 U | 5 U | NA | 5 U | 5 U | 5 U | 5 U | NA | 5 U | 5 U |
| cis-1,3-Dichloropropene | 5 U | NA | 5U | NA | 5 U | 5 U | NA | 5 U | 5 U | 5 U | NA | 5 U | 5 U | 5 U | 5 U | NA | 5 U | 5 U |
| Bromoform (Tribromomethane) | 5 U | NA | 5U | NA | 5 U | 5 U | NA | 5 U | 5 U | 5 U | NA | 5 U | 5 U | 5 U | 5 U | NA | 5 U | 5 U |
| Tetrachloroethene (Perchloroethene, TeCE) | 5 U | NA | 5U | NA | 12 | 31 | NA | 5 U | 10 | 17 | NA | 5 U | 5 U | 5 U | 5 U | NA | 5 U | 5 U |
| 1,1,2,2-Tetrachloroethane | 5 U | NA | 5U | NA | 5 U | 5 U | NA | 5 U | 5 U | 5 U | NA | 5 U | 5 U | 5 U | 5 U | NA | 5 U | 5 U |
| Toluene | 22 | NA | 77 | NA | 53 | 130 | NA | 100 | 27 | 83 | NA | 85 | 45 | 5 U | 5 U | NA | 11 | 5 U |
| Chlorobenzene | 5 U | NA | 5U | NA | 5 U | 5 U | NA | 5 U | 5 U | 5 U | NA | 5 U | 5 U | 5 U | 5 U | NA | 5 U | 5 U |
| Ethylbenzene | 5 U | NA | 5 | NA | 5 U | 6 | NA | 36 | 5 U | 5 U | NA | 5 U | 5 U | 5 U | 5 U | NA | 5 U | 5 U |
| 2-Chloroethylvinyl ether (I) | 10 U | NA | 10 U | NA | 10 U | 10 U | NA | 10 U | 10 L | 10 U | NA | 10 U | 10 U | 10U | 10 U | NA | 10 U | 10 U |
| 1,2-Dichlorobenzene | 5 U | NA | 5U | NA | 5 U | 5 U | NA | 5 U | 5 U | 5 U | NA | 5 U | 5 U | 5 U | 5 U | NA | 5 U | 5 U |
| 1,3-Dichlorobenzene | 5 U | NA | 5U | NA | 5 U | 5 U | NA | 5 U | 5 U | 5 U | NA | 5 U | 5 U | 5 U | 5 U | NA | 5 U | 5 U |
| 1,4-Dichlorobenzene | 5 U | NA | 5U | NA | 5 U | 5 U | NA | 5 U | 5 U | 5 U | NA | 5 U | 5 U | 5 U | 5 U | NA | 5 U | 5 U |
| Acetone | 30 | NA | 15 | NA | 33 | 55 | NA | 27 | 10 L | 10 U | NA | 16 | 19 | 41 | 10 U | NA | 120 | 62 |
| Carbon Disulfide | 5 U | NA | 9 | NA | 5 U | 65 | NA | 9 | 5 U | 5 U | NA | 5 U | 5 U | 5 U | 32 | NA | 5 U | 5 U |
| 2-Butanone | 24 | NA | 19 | NA | 10 U | 10 U | NA | 21 | 56 | 10 U | NA | 10 U | 10 U | 10U | 10 U | NA | 10 U | 10 U |
| Vinyl Acetate | 10 U | NA | 10 U | NA | 10 U | 10 U | NA | 10 U | 10 L | 10 U | NA | 10 U | 10 U | 10U | 10 U | NA | 10 U | 10 U |
| 2-Hexanone | 10 U | NA | 10 U | NA | 10 U | 10 U | NA | 10 U | 10 L | 10 U | NA | 10 U | 10 U | 10U | 10 U | NA | 21 B | 10 U |
| 4-Methyl-2-Pentanone | 10 U | NA | 10 U | NA | 10 U | 10 U | NA | 10 U | 10 L | 10 U | NA | 10 U | 10 U | 10U | 10 U | NA | 10 U | 10 U |
| Styrene | 5 U | NA | 5U | NA | 5 U | 5 U | NA | 5 U | 5 U | 5 U | NA | 5 U | 5 U | 5 U | 5 U | NA | 5 U | 5 U |
| Xylene (total) | 5 U | NA | 20 | NA | 14 | 23 | NA | 230 | 6 | 29 | NA | 19 | 6 | 5 U | 9 | NA | 5 U | 5 U |

(1) Known to Hydrolyze in Presence of Dilute Acid

U - Below Quantitation Limit or BQL; J - Detected belo w quantitation limit; B - Detected in Blank; NA - Not Analyzed.
RPD - Relative Percent Difference; NC - Not Calculabl e; (DUP IC-IS-4)# - Duplicatesample of IC-I9-4.

**Table 6.1a Summary of Analytical Results in Soils, Sh allow Borings, ByPass Channel Site, IHNC, New Orleans, Louisiana (CONT'D) :**

| PARAMETER | IC-IS-2 | IC-IS-3 | IC-IS-4 | IC-IS-7 (DUP IC-IS-4)# | RPD | IC-IS-5 | IC-IS-6 | IC-IS-8 | IC-DS-4 | IC-DS-6 (DUP IC-DS-4)# | RPD | IC-DS-5 | IC-DS-9 | IC-DS-11 | IC-SS-2 | IC-SS-14 (DUP IC-SS-2)# | RPD | IC-SS-3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| VOLATILES, ug/kg | | | | | | | | | | | | | | | | | | |
| Acrolein | NA | 50 U | 50 U | 50 U | NC | 50 U | 50U | 50 U | 50 U | 250 U | NC | NA | 50 U | 50 U | 50 U | 100 U | NC | 100 U |
| Acrylonitrile | NA | 50 U | 50 U | 50 U | NC | 50 U | 50U | 50 U | 50 U | 250 U | NC | NA | 50 U | 50 U | 50 U | 100 U | NC | 100 U |
| Chloromethane (Methyl Chloride) | NA | 10 U | 10 U | 10 U | NC | 10 U | 10U | 10 U | 10 U | 50 U | NC | NA | 10 U | 10 U | 10 U | 20 U | NC | 20 U |
| Bromomethane | NA | 10 U | 10 U | 10 U | NC | 10 U | 10U | 10 U | 10 U | 50 U | NC | NA | 10 U | 10 U | 10 U | 20 U | NC | 20 U |
| Vinyl Chloride (Chloroethylene) | NA | 10 U | 10 U | 10 U | NC | 10 U | 10U | 10 U | 10 U | 50 U | NC | NA | 10 U | 10 U | 10 U | 20 U | NC | 20 U |
| Chloroethane | NA | 99 | 10 U | 10 U | NC | 10 U | 10U | 10 U | 10 U | 50 U | NC | NA | 10 U | 10 U | 10 U | 20 U | NC | 20 U |
| Methylene Chloride (Dichloromethane) | NA | 16 B | 6 B | 7 B | 13 | 13 B | 13B | 64 | 5 U | 270 B | NC | NA | 18 B | 48 | 17 B | 15 B | NC | 21 B |
| 1,1-Dichloroethene | NA | 5 U | 5 U | 5 U | NC | 5 U | 5 U | 5 U | 5 U | 25 U | NC | NA | 5 U | 5 U | 5 U | 10 U | NC | 10 U |
| 1,1-Dichloroethane | NA | 220 | 5 U | 5 U | NC | 5 U | 5 U | 5 U | 5 U | 25 U | NC | NA | 5 U | 5 U | 5 U | 10 U | NC | 10 U |
| 1,2-Dichloroethene (total) | NA | 8 | 5 U | 5 U | NC | 5 U | 5 U | 5 U | 5 U | 25 U | NC | NA | 5 U | 5 U | 5 U | 10 U | NC | 10 U |
| Trichlorofluoromethane | NA | 5 U | 5 U | 5 U | NC | 5 U | 5 U | 5 U | 5 U | 25 U | NC | NA | 5 U | 5 U | 5 U | 10 U | NC | 10 U |
| Chloroform (trichloromethane, TCM) | NA | 5 U | 5 U | 5 U | NC | 5 U | 5 U | 5 U | 5 U | 25 U | NC | NA | 5 U | 5 U | 5 U | 10 U | NC | 10 U |
| 1,2-Dichloroethane (EDC) | NA | 5 U | 5 U | 5 U | NC | 5 U | 5 U | 5 U | 5 U | 25 U | NC | NA | 5 U | 5 U | 5 U | 10 U | NC | 10 U |
| 1,1,1-Trichloroethane (TCA) | NA | 5 U | 5 U | 5 U | NC | 5 U | 5 U | 5 U | 5 U | 25 U | NC | NA | 5 U | 5 U | 5 U | 10 U | NC | 10 U |
| Carbon Tetrachloride (Tetrachloromethane, TeCM) | NA | 5 U | 5 U | 5 U | NC | 5 U | 5 U | 5 U | 5 U | 25 U | NC | NA | 5 U | 5 U | 5 U | 10 U | NC | 10 U |
| Bromodichloromethane | NA | 5 U | 5 U | 5 U | NC | 5 U | 5 U | 5 U | 5 U | 25 U | NC | NA | 5 U | 5 U | 5 U | 10 U | NC | 10 U |
| 1,2-Dichloropropane | NA | 5 U | 5 U | 5 U | NC | 5 U | 5 U | 5 U | 5 U | 25 U | NC | NA | 5 U | 5 U | 5 U | 10 U | NC | 10 U |
| trans-1,3-Dichloropropene | NA | 5 U | 5 U | 5 U | NC | 5 U | 5 U | 5 U | 5 U | 25 U | NC | NA | 5 U | 5 U | 5 U | 10 U | NC | 10 U |
| Trichloroethene (Trichloroethylene, TCE) | NA | 6 | 5 U | 5 U | NC | 5 U | 5 U | 5 U | 5 U | 25 U | NC | NA | 5 u | 9 | 5 U | 10 U | NC | 10 U |
| Dibromochloromethane | NA | 5 U | 5 U | 5 U | NC | 5 U | 5 U | 5 U | 5 U | 25 U | NC | NA | 5 U | 5 U | 5 U | 10 U | NC | 10 U |
| 1,1,2-Trichloroethane | NA | 5 U | 5 U | 5 U | NC | 5 U | 5 U | 5 U | 5 U | 25 U | NC | NA | 5 U | 5 U | 5 U | 10 U | NC | 10 U |
| Benzene | NA | 5 U | 5 U | 5 U | NC | 5 U | 5 U | 5 U | 5 U | 25 U | NC | NA | 5 U | 5 U | 5 U | 10 U | NC | 10 U |
| cis-1,3-Dichloropropene | NA | 5 U | 5 U | 5 U | NC | 5 U | 5 U | 5 U | 5 U | 25 U | NC | NA | 5 U | 5 U | 5 U | 10 U | NC | 10 U |
| Bromoform (Tribromomethane) | NA | 5 U | 5 U | 5 U | NC | 5 U | 5 U | 5 U | 5 U | 25 U | NC | NA | 5 U | 5 U | 5 U | 10 U | NC | 10 U |
| Tetrachloroethene (Perchloroethene, TeCE) | NA | 5 U | 5 U | 5 U | NC | 5 U | 5 U | 5 U | 5 U | 25 U | NC | NA | 5 U | 5 U | 5 U | 10 U | NC | 10 U |
| 1,1,2,2-Tetrachloroethane | NA | 5 U | 5 U | 5 U | NC | 5 U | 5 U | 5 U | 5 U | 25 U | NC | NA | 5 U | 5 U | 5 U | 10 U | NC | 10 U |
| Toluene | NA | 5 U | 17 | 14 | 19 | 5 U | 5 U | 50 | 5 U | 25 U | NC | NA | 5 U | 13 | 5 U | 10 U | NC | 20 |
| Chlorobenzene | NA | 5 U | 5 U | 5 U | NC | 5 U | 5 U | 5 U | 5 U | 25 U | NC | NA | 5 U | 5 U | 5 U | 10 U | NC | 10 U |
| Ethylbenzene | NA | 5 U | 180 | 140 | 25 | 5 U | 5 U | 5 U | 5 U | 25 U | NC | NA | 5 U | 5 U | 5 U | 10 U | NC | 10 U |
| 2-Chloroethylvinyl ether (1) | NA | 10 U | 10 U | 10 U | NC | 10 U | 10U | 10 U | 10 U | 50 U | NC | NA | 10 U | 10 U | 10 U | 20 U | NC | 20 U |
| 1,2-Dichlorobenzene | NA | 5 U | 5 U | 5 U | NC | 5 U | 5 U | 5 U | 5 U | 25 U | NC | NA | 5 U | 5 U | 5 U | 20 U | NC | 10 U |
| 1,3-Dichlorobenzene | NA | 5 U | 5 U | 5 U | NC | 5 U | 5 U | 5 U | 5 U | 25 U | NC | NA | 5 U | 5 U | 5 U | 20 U | NC | 10 U |
| 1,4-Dichlorobenzene | NA | 5 U | 5 U | 5 U | NC | 5 U | 5 U | 5 U | 5 U | 25 U | NC | NA | 5 U | 5 U | 5 U | 20 U | NC | 10 U |
| Acetone | NA | 60 | 110 | 59 | 60 | 63 | 16 | 20 | 10 U | 50 U | NC | NA | 28 | 10 U | 1000 | 210 | NC | 430 |
| Carbon Disulfide | NA | 5 U | 5 U | 5 U | NC | 5 U | 5 U | 5 U | 5 U | 25 U | NC | NA | 5 U | 5 U | 5 U | 10 U | NC | 10 U |
| 2-Butanone | NA | 29 | 22 | 15 | 38 | 10 U | 10U | 10 U | 10 U | 50 U | NC | NA | 10 U | 10 U | 29 B | 20 U | NC | 20 U |
| Vinyl Acetate | NA | 10 U | 10 U | 10 U | NC | 10 U | 10U | 10 U | 10 U | 50 U | NC | NA | 10 U | 10 U | 10 U | 20 U | NC | 20 U |
| 2-Hexanone | NA | 10 U | 10 U | 10 U | NC | 10 U | 10U | 10 U | 10 U | 50 U | NC | NA | 10 U | 10 U | 10 U | 20 U | NC | 20 U |
| 4-Methyl-2-Pentanone | NA | 10 U | 10 U | 10 U | NC | 10 U | 10U | 10 U | 10 U | 50 U | NC | NA | 10 U | 10 U | 10 | 20 U | NC | 20 U |
| Styrene | NA | 5 U | 5 U | 5 U | NC | 5 U | 5 U | 5 U | 5 U | 25 U | NC | NA | 5 U | 5 U | 5 U | 10 U | NC | 10 U |
| Xylene (total) | NA | 16 | 2500 | 2500 | 0 | 5 U | 5 U | 5 | 5 U | 25 U | NC | NA | 5 U | 5 U | 13 | 16 | NC | 10 U |

(1) Known to Hydrolyze in Presence of Dilute Acid

U - Below Quantitation Limit or BQL; J - Detected belo w quantitation limit; B - Detected In Blank; NA - Not Analyzed.
RPD - Relative Percent Difference; NC - Not Calculabl e; (DUP IC-IS-4)# - Duplicate sample of IC-IS-4.

Table 6.1a Summary of Analytical Results in Soils, Sh allow Borings, ByPass Channel Site, IHNC, New Orleans, Louisiana (CONT'D :

| PARAMETER | IC-SS-4 | IC-SS-5 | IC-SS-6 | IC-SS-7 | IC-SS-10 | IC-SS-11 | IC-SS-13 | RPD | IC-SS-15 | IC-TS-1 | IC-TS-5 (DUP IC-TS-1)# | RPD | IC-TS-2 | IC-TS-3 | IC-TS-4 | IC-TS-6 | IC-TS-7 | IC-TS-8 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| VOLATILES, ug/kg | | | | | | | | | | | | | | | | | | |
| Acrolein | 250 U | 250 U | 250 U | 250 U | 50 U | NA | NA | NC | 50 U | NA | NA | NC | 50 U | 50 U | NA | 50 U | 50 U | 50 U |
| Acrylonitrile | 250 U | 250 U | 250 U | 250 U | 50 U | NA | NA | NC | 50 U | NA | NA | NC | 50 U | 50 U | NA | 50 U | 50 U | 50 U |
| Chloromethane (Methyl Chloride) | 50 U | 50 U | 50 U | 50 U | 10 U | NA | NA | NC | 10 U | NA | NA | NC | 10 U | 10 U | NA | 10 U | 10 U | 10 U |
| Bromomethane | 50 U | 50 U | 50 U | 50 U | 10 U | NA | NA | NC | 10 U | NA | NA | NC | 10 U | 10 U | NA | 10 U | 10 U | 10 U |
| Vinyl Chloride (Chloroethylene) | 50 U | 50 U | 50 U | 50 U | 10 U | NA | NA | NC | 10 U | NA | NA | NC | 10 U | 10 U | NA | 10 U | 10 U | 10 U |
| Chloroethane | 50 U | 50 U | 50 U | 50 U | 10 U | NA | NA | NC | 10 U | NA | NA | NC | 10 U | 10 U | NA | 10 U | 10 U | 10 U |
| Methylene Chloride (Dichloromethane) | 25 U | 300 B | 27 B | 310 B | 5 U | NA | NA | NC | 35 | NA | NA | NC | 7 B | 7 B | NA | 79 B | 63 | 50 |
| 1,1-Dichloroethene | 25 U | 25 U | 25 U | 25 U | 5 U | NA | NA | NC | 5 U | NA | NA | NC | 5 U | 5 U | NA | 5 U | 5 U | 5 U |
| 1,1-Dichloroethane | 25 U | 25 U | 25 U | 25 U | 5 U | NA | NA | NC | 5 U | NA | NA | NC | 5 U | 5 U | NA | 5 U | 5 U | 5 U |
| 1,2-Dichloroethene (total) | 25 U | 25 U | 25 U | 25 U | 5 U | NA | NA | NC | 5 U | NA | NA | NC | 5 U | 5 U | NA | 6 | 5 U | 5 U |
| Trichlorofluoromethane | 25 U | 25 U | 25 U | 25 U | 5 U | NA | NA | NC | 5 U | NA | NA | NC | 5 U | 5 U | NA | 5 U | 5 U | 5 U |
| Chloroform (trichloromethane, TCM) | 25 U | 25 U | 25 U | 25 U | 5 U | NA | NA | NC | 5 U | NA | NA | NC | 5 U | 5 U | NA | 5 U | 5 U | 5 U |
| 1,2-Dichloroethane (EDC) | 25 U | 25 U | 25 U | 25 U | 5 U | NA | NA | NC | 5 U | NA | NA | NC | 5 U | 5 U | NA | 5 U | 5 U | 5 U |
| 1,1,1-Trichloroethane (TCA) | 25 U | 25 U | 25 U | 25 U | 5 U | NA | NA | NC | 5 U | NA | NA | NC | 5 U | 5 U | NA | 5 U | 5 U | 5 U |
| Carbon Tetrachloride (Tetrachloromethane, TeCM) | 25 U | 25 U | 25 U | 25 U | 5 U | NA | NA | NC | 5 U | NA | NA | NC | 5 U | 5 U | NA | 5 U | 5 U | 5 U |
| Bromodichloromethane | 25 U | 25 U | 25 U | 25 U | 5 U | NA | NA | NC | 5 U | NA | NA | NC | 5 U | 5 U | NA | 5 U | 5 U | 5 U |
| 1,2-Dichloropropane | 25 U | 25 U | 25 U | 25 U | 5 U | NA | NA | NC | 5 U | NA | NA | NC | 5 U | 5 U | NA | 5 U | 5 U | 5 U |
| trans-1,3-Dichloropropene | 25 U | 25 U | 25 U | 25 U | 5 U | NA | NA | NC | 5 U | NA | NA | NC | 5 U | 5 U | NA | 5 U | 5 U | 5 U |
| Trichloroethene (Trichloroethylene, TCE) | 25 U | 38 | 25 U | 25 U | 5 U | NA | NA | NC | 5 U | NA | NA | NC | 5 U | 5 U | NA | 10 | 5 U | 5 U |
| Dibromochloromethane | 25 U | 25 U | 25 U | 25 U | 5 U | NA | NA | NC | 5 U | NA | NA | NC | 5 U | 5 U | NA | 5 U | 5 U | 5 U |
| 1,1,2-Trichloroethane | 25 U | 25 U | 25 U | 25 U | 5 U | NA | NA | NC | 5 U | NA | NA | NC | 5 U | 5 U | NA | 5 U | 5 U | 5 U |
| Benzene | 25 U | 25 U | 25 U | 25 U | 6 | NA | NA | NC | 5 U | NA | NA | NC | 5 U | 22 | NA | 5 U | 5 U | 5 U |
| cis-1,3-Dichloropropene | 25 U | 25 U | 25 U | 25 U | 5 U | NA | NA | NC | 5 U | NA | NA | NC | 5 U | 5 U | NA | 5 U | 5 U | 5 U |
| Bromoform (Tribromomethane) | 25 U | 25 U | 25 U | 25 U | 5 U | NA | NA | NC | 5 U | NA | NA | NC | 5 U | 5 U | NA | 5 U | 5 U | 5 U |
| Tetrachloroethene (Perchloroethene, TeCE) | 25 U | 69 | 25 U | 29 | 5 U | NA | NA | NC | 5 U | NA | NA | NC | 5 U | 5 U | NA | 5 U | 5 U | 5 U |
| 1,1,2,2-Tetrachloroethane | 25 U | 25 U | 25 U | 25 U | 5 U | NA | NA | NC | 5 U | NA | NA | NC | 5 U | 5 U | NA | 5 U | 5 U | 5 U |
| Toluene | 25 U | 65 | 25 U | 180 | 5 U | NA | NA | NC | 21 | NA | NA | NC | 5 U | 31 | NA | 29 | 40 | 30 |
| Chlorobenzene | 120 | 190 | 25 U | 220 | 480 | NA | NA | NC | 5 U | NA | NA | NC | 5 U | 5 U | NA | 5 U | 5 U | 5 U |
| Ethylbenzene | 25 U | 53 | 25 U | 110 | 5 U | NA | NA | NC | 5 U | NA | NA | NC | 7 | 7 | NA | 5 U | 5 U | 5 U |
| 2-Chloroethylvinyl ether (1) | 50 U | 50 U | 50 U | 50 U | 10 U | NA | NA | NC | 10 U | NA | NA | NC | 10 U | 10 U | NA | 10 U | 10 U | 10 U |
| 1,2-Dichlorobenzene | 98 | 25 U | 25 U | 540 | 200 | NA | NA | NC | 5 U | NA | NA | NC | 5 U | 5 U | NA | 5 U | 5 U | 5 U |
| 1,3-Dichlorobenzene | 25 U | 25 U | 25 U | 50 | 5 U | NA | NA | NC | 5 U | NA | NA | NC | 5 U | 5 U | NA | 5 U | 5 U | 5 U |
| 1,4-Dichlorobenzene | 25 U | 25 U | 25 U | 74 | 19 | NA | NA | NC | 5 U | NA | NA | NC | 5 U | 5 U | NA | 5 U | 5 U | 5 U |
| Acetone | 50 U | 50 U | 73 | 350 | 38 | NA | NA | NC | 10 U | NA | NA | NC | 210 | 46 | NA | 120 | 15 | 18 |
| Carbon Disulfide | 25 U | 25 U | 25 U | 25 U | 5 U | NA | NA | NC | 5 U | NA | NA | NC | 69 | 37 | NA | 29 | 5 U | 5 U |
| 2-Butanone | 50 | 50 U | 50 U | 50 U | 10 U | NA | NA | NC | 10 U | NA | NA | NC | 10 U | 25 | NA | 18 | 10 U | 10 U |
| Vinyl Acetate | 50 U | 50 U | 50 U | 50 U | 10 U | NA | NA | NC | 10 U | NA | NA | NC | 10 U | 10 U | NA | 10 U | 10 U | 10 U |
| 2-Hexanone | 50 U | 50 U | 50 U | 50 U | 10 U | NA | NA | NC | 10 U | NA | NA | NC | 10 U | 10 U | NA | 49 B | 10 U | 10 U |
| 4-Methyl-2-Pentanone | 50 U | 50 U | 50 U | 76 | 10 U | NA | NA | NC | 10 U | NA | NA | NC | 10 U | 10 U | NA | 10 U | 10 U | 10 U |
| Styrene | 25 U | 25 U | 25 U | 25 U | 5 U | NA | NA | NC | 5 U | NA | NA | NC | 5 U | 5 U | NA | 5 U | 5 U | 5 U |
| Xylene (total) | 130 | 290 | 25 U | 730 | 5 U | NA | NA | NC | 5 U | NA | NA | NC | 5 U | 29 | NA | 10 | 6 | 5 U |

(1) Known to Hydrolyze in Presence of Dilute Acid

U - Below Quantitation Limit or BQL; J - Detected belo w quantitation limit; B - Detected in Blank; NA - Not Analyzed.
RPD - Relative Percent Difference; NC - Not Calculabl e; (DUP IC-IS-4)# - Duplicate sample of IC-IS-4.

Table 6.1a Summary of Analytical Results in Soils, Shallow Borings, ByPass Channel Site, IHNC, New Orleans, Louisiana (CONT'D) :

| PARAMETER | IC-BS-2 | IC-BS-3 | IC-BS-3D | IC-BS-5 | IC-BS-6 | IC-BS-7 | IC-BS-8 | IC-BS-8D | IC-BS-9 | IB-BS-9D | IC-BS-10 | IC-BS-10D | IC-BS-11 | IC-MS-1 | IC-MS-3 | IC-MS-5 | IC-MS-6 | IC-IS-1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SEMI-VOLATILES, ug/kg | | | | | | | | | | | | | | | | | | |
| Base / Neutral Extractable Compounds | | | | | | | | | | | | | | | | | | |
| Benzidine | 830 U | NA | 4200 U | NA | 830 U | 4200 U | NA | 8300 U | 4200 U | 830 U | NA | 4200 U | 830 U | 830 U | 830 U | NA | 830 U | 830 U |
| bis(2-Chloroethyl)ether | 170 U | NA | 830 U | NA | 170 U | 830 U | NA | 1700 U | 830 U | 170 U | NA | 830 U | 170 U | 170 U | 170 U | NA | 170 U | 170 U |
| 1,3-Dichlorobenzene | 170 U | NA | 830 U | NA | 170 U | 830 U | NA | 1700 U | 830 U | 170 U | NA | 830 U | 170 U | 170 U | 170 U | NA | 170 U | 170 U |
| 1,4-Dichlorobenzene | 170 U | NA | 830 U | NA | 170 U | 830 U | NA | 1700 U | 830 U | 170 U | NA | 830 U | 170 U | 170 U | 170 U | NA | 170 U | 170 U |
| 1,2-Dichlorobenzene | 170 U | NA | 830 U | NA | 170 U | 830 U | NA | 1700 U | 830 U | 170 U | NA | 830 U | 170 U | 170 U | 170 U | NA | 170 U | 170 U |
| bis(2-Chloroisopropyl)ether | 170 U | NA | 830 U | NA | 170 U | 830 U | NA | 1700 U | 830 U | 170 U | NA | 830 U | 170 U | 170 U | 170 U | NA | 170 U | 170 U |
| N-Nitroso-di-n-propylamine | 170 U | NA | 830 U | NA | 170 U | 830 U | NA | 1700 U | 830 U | 170 U | NA | 830 U | 170 U | 170 U | 170 U | NA | 170 U | 170 U |
| Hexachloroethane | 170 U | NA | 830 U | NA | 170 U | 830 U | NA | 1700 U | 830 U | 170 U | NA | 830 U | 170 U | 170 U | 170 U | NA | 170 U | 170 U |
| Nitrobenzene | 170 U | NA | 830 U | NA | 170 U | 830 U | NA | 1700 U | 830 U | 170 U | NA | 830 U | 170 U | 170 U | 170 U | NA | 170 U | 170 U |
| Isophorone | 170 U | NA | 830 U | NA | 170 U | 830 U | NA | 1700 U | 830 U | 170 U | NA | 830 U | 170 U | 170 U | 170 U | NA | 170 U | 170 U |
| bis(2-Chloroethoxy)methane | 170 U | NA | 830 U | NA | 170 U | 830 U | NA | 1700 U | 830 U | 170 U | NA | 830 U | 170 U | 170 U | 170 U | NA | 170 U | 170 U |
| 1,2,4-Trichlorobenzene | 170 U | NA | 830 U | NA | 170 U | 830 U | NA | 1700 U | 830 U | 170 U | NA | 830 U | 170 U | 170 U | 170 U | NA | 170 U | 170 U |
| Naphtalene | 170 U | NA | 830 U | NA | 170 U | 830 U | NA | 1700 U | 830 U | 170 U | NA | 830 U | 170 U | 170 U | 170 U | NA | 170 U | 170 U |
| Hexachlorobutadiene | 170 U | NA | 830 U | NA | 170 U | 830 U | NA | 1700 U | 830 U | 170 U | NA | 830 U | 170 U | 170 U | 170 U | NA | 170 U | 170 U |
| Hexachlorocyclopentadiene | 170 U | NA | 830 U | NA | 170 U | 830 U | NA | 1700 U | 830 U | 170 U | NA | 830 U | 170 U | 170 U | 170 U | NA | 170 U | 170 U |
| 2-Chloronaphthalene | 170 U | NA | 830 U | NA | 170 U | 830 U | NA | 1700 U | 830 U | 170 U | NA | 830 U | 170 U | 170 U | 170 U | NA | 170 U | 170 U |
| Dimethylphthalate | 170 U | NA | 830 U | NA | 170 U | 830 U | NA | 1700 U | 830 U | 170 U | NA | 830 U | 170 U | 170 U | 170 U | NA | 170 U | 170 U |
| 2,6-Dinitrotoluene | 170 U | NA | 830 U | NA | 170 U | 830 U | NA | 1700 U | 830 U | 170 U | NA | 830 U | 170 U | 170 U | 170 U | NA | 170 U | 170 U |
| Acenaphthylene | 170 U | NA | 830 U | NA | 170 U | 830 U | NA | 1700 U | 830 U | 170 U | NA | 830 U | 170 U | 170 U | 170 U | NA | 170 U | 170 U |
| Acenaphthene | 170 U | NA | 830 U | NA | 170 U | 830 U | NA | 1700 U | 2200 | 170 U | NA | 830 U | 170 U | 170 U | 170 U | NA | 170 U | 170 U |
| 2,4-Dinitrotoluene | 170 U | NA | 830 U | NA | 170 U | 830 U | NA | 1700 U | 830 U | 170 U | NA | 830 U | 170 U | 170 U | 170 U | NA | 170 U | 170 U |
| Diethylphthalate | 170 U | NA | 830 U | NA | 170 U | 830 U | NA | 1700 U | 830 U | 170 U | NA | 830 U | 170 U | 170 U | 170 U | NA | 170 U | 170 U |
| 4-Chlorophenyl-phenylether | 170 U | NA | 830 U | NA | 170 U | 830 U | NA | 1700 U | 830 U | 170 U | NA | 830 U | 170 U | 170 U | 170 U | NA | 170 U | 170 U |
| Fluorene | 170 U | NA | 830 U | NA | 170 U | 830 U | NA | 1700 U | 980 | 170 U | NA | 830 U | 170 U | 170 U | 170 U | NA | 170 U | 170 U |
| N-Nitrosodiphenylamine (1) | 170 U | NA | 830 U | NA | 170 U | 830 U | NA | 1700 U | 830 U | 170 U | NA | 830 U | 170 U | 170 U | 170 U | NA | 170 U | 170 U |
| 4-Bromophenyl-phenylether | 170 U | NA | 830 U | NA | 170 U | 830 U | NA | 1700 U | 830 U | 170 U | NA | 830 U | 170 U | 170 U | 170 U | NA | 170 U | 170 U |
| Hexachlorobenzene | 170 U | NA | 830 U | NA | 170 U | 830 U | NA | 1700 U | 830 U | 170 U | NA | 830 U | 170 U | 170 U | 170 U | NA | 170 U | 170 U |
| Phenanthrene | 170 U | NA | 830 U | NA | 270 | 830 U | NA | 1700 U | 6700 | 540 | NA | 830 U | 170 U | 170 U | 170 U | NA | 170 U | 210 |
| Anthracene | 170 U | NA | 830 U | NA | 170 U | 830 U | NA | 1700 U | 1100 | 170 U | NA | 830 U | 170 U | 170 U | 170 U | NA | 170 U | 170 U |
| Pyrene | 170 U | NA | 830 U | NA | 170 U | 830 U | NA | 1700 U | 8400 | 980 | NA | 830 U | 170 U | 170 U | 170 U | NA | 170 U | 1300 |
| Di-n-butylphthalate | 170 U | NA | 830 U | NA | 170 U | 830 U | NA | 1700 U | 830 U | 170 U | NA | 830 U | 170 U | 170 U | 170 U | NA | 170 U | 170 U |
| Fluoranthene | 170 U | NA | 830 U | NA | 170 U | 830 U | NA | 1700 U | 9900 | 170 U | NA | 830 U | 170 U | 170 U | 170 U | NA | 170 U | 1300 |
| Butylbenzylphthalate | 170 U | NA | 830 U | NA | 170 U | 830 U | NA | 1700 U | 830 U | 170 U | NA | 830 U | 170 U | 170 U | 170 U | NA | 170 U | 170 U |
| 3,3'-Dichlorobenzidine | 330 U | NA | 1700 U | NA | 330 U | 1700 U | NA | 3300 U | 1700 U | 330 U | NA | 1700 U | 330 U | 330 U | 330 U | NA | 330 U | 330 U |
| Benzo(a)anthracene | 170 U | NA | 830 U | NA | 170 U | 830 U | NA | 1700 U | 4900 | 650 | NA | 830 U | 170 U | 170 U | 170 U | NA | 170 U | 960 |
| bis(2-Ethylhexyl)phthalate | 170 U | NA | 830 U | NA | 220 | 1000 | NA | 1700 U | 830 U | 170 U | NA | 830 U | 170 U | 170 U | 170 U | NA | 170 U | 170 U |
| Chrysene | 170 U | NA | 830 U | NA | 170 U | 830 U | NA | 1700 U | 5900 | 810 | NA | 830 U | 170 U | 170 U | 170 U | NA | 170 U | 1200 U |
| Di-n-octylphthalate | 170 U | NA | 830 U | NA | 170 U | 830 U | NA | 1700 U | 830 U | 170 U | NA | 830 U | 170 U | 170 U | 170 U | NA | 170 U | 170 U |
| Benzo(b)fluoranthene | 170 U | NA | 830 U | NA | 170 U | 830 U | NA | 1700 U | 6100 | 170 U | NA | 830 U | 170 U | 170 U | 170 U | NA | 170 U | 1600 |
| N-Nitrosodimethylamine | 170 U | NA | 830 U | NA | 170 U | 830 U | NA | 1700 U | 830 U | 170 U | NA | 830 U | 170 U | 170 U | 170 U | NA | 170 U | 170 U |
| 1,2-Diphenylhydrazine (2) | 170 U | NA | 830 U | NA | 170 U | 830 U | NA | 1700 U | 830 U | 170 U | NA | 830 U | 170 U | 170 U | 170 U | NA | 170 U | 170 U |
| Benzo(k)fluoranthene | 170 U | NA | 830 U | NA | 170 U | 830 U | NA | 1700 U | 4200 | 1600 | NA | 830 U | 170 U | 170 U | 170 U | NA | 170 U | 220 |
| Benzo(a)pyrene | 170 U | NA | 830 U | NA | 170 U | 830 U | NA | 1700 U | 5400 | 810 | NA | 830 U | 170 U | 170 U | 170 U | NA | 170 U | 1300 |
| Indeno(1,2,3-cd)pyrene | 170 U | NA | 830 U | NA | 170 U | 830 U | NA | 1700 U | 3300 | 560 | NA | 830 U | 170 U | 170 U | 170 U | NA | 170 U | 900 |
| Dibenz(a,h)anthracene | 170 U | NA | 830 U | NA | 170 U | 830 U | NA | 1700 U | 940 | 170 U | NA | 830 U | 170 U | 170 U | 170 U | NA | 170 U | 250 |
| Benzo(g,h,i)perylene | 170 U | NA | 830 U | NA | 170 U | 830 U | NA | 1700 U | 3600 | 620 | NA | 830 U | 170 U | 170 U | 170 U | NA | 170 U | 950 |
| Benzyl alcohol | 170 U | NA | 830 U | NA | 170 U | 830 U | NA | 1700 U | 830 U | 170 U | NA | 830 U | 170 U | 170 U | 170 U | NA | 170 U | 170 U |

Table 6.1a Summary of Analytical Results in Soils, Shallow Borings, ByPass Channel Site, IHNC, New Orleans, Louisiana (CONT'D) :

| PARAMETER | IC-BS-2 | IC-BS-3 | IC-BS-3D | IC-BS-5 | IC-BS-6 | IC-BS-7 | IC-BS-8 | IC-BS-8D | IC-BS-9 | IB-BS-9D | IC-BS-10 | IC-BS-10D | IC-BS-11 | IC-MS-1 | IC-MS-3 | IC-MS-5 | IC-MS-6 | IC-IS-1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SEMI-VOLATILES, ug/kg | | | | | | | | | | | | | | | | | | |
| Base / Neutral Extractable Compounds | | | | | | | | | | | | | | | | | | |
| 4-Chloroaniline | 170 U | NA | 830 U | NA | 170 U | 830 U | NA | 1700 U | 830 U | 170 U | NA | 830 U | 170 U | 170 U | 170 U | NA | 170 U | 170 U |
| Dibenzofuran | 170 U | NA | 830 U | NA | 170 U | 830 U | NA | 1700 U | 830 U | 170 U | NA | 830 U | 170 U | 170 U | 170 U | NA | 170 U | 170 U |
| 2-Methylnaphthalene | 170 U | NA | 830 U | NA | 170 U | 830 U | NA | 1700 U | 830 U | 170 U | NA | 830 U | 170 U | 170 U | 170 U | NA | 170 U | 170 U |
| 2-Nitroaniline | 830 U | NA | 4200 U | NA | 830 U | 4200 U | NA | 8300 U | 4200 U | 830 U | NA | 4200 U | 830 U | 830 U | 830 U | NA | 830 U | 830 U |
| 3-Nitroaniline | 830 U | NA | 4200 U | NA | 830 U | 4200 U | NA | 8300 U | 4200 U | 830 U | NA | 4200 U | 830 U | 830 U | 830 U | NA | 830 U | 830 U |
| 4-Nitroaniline | 830 U | NA | 4200 U | NA | 830 U | 4200 U | NA | 8300 U | 4200 U | 830 U | NA | 4200 U | 830 U | 830 U | 830 U | NA | 830 U | 830 U |
| (1) Cannot be Distinguished from Diphenylamine | | | | | | | | | | | | | | | | | | |
| (2) Cannot Be Distinguished from Azobenzene | | | | | | | | | | | | | | | | | | |

U - Below Quantitation Limit or BQL; J - Detected b elow cuantitation limit; B - Detected in Blank; NA - Not Analyzed.
RPD - Relative Percent Difference; NC - Not Calcul able; (DUP IC-IS-4)# - Duplicate sample of IC-IS-4

Table 6.1a Summary of Analytical Results in Soils, Sh allow Borings, ByPass Channel Site, IHNC, New Orleans, Louisiana (CONT'D):

| PARAMETER | IC-IS-2 | IC-IS-3 | IC-IS-4 | IC-IS-7 (DUP IC-IS-4)# | RPD | IC-IS-5 | IC-IS-6 | IC-IS-8 | IC-DS-4 | IC-DS-6 (DUP IC-DS-4)# | RPD | IC-DS-5 | IC-DS-9 | IC-DS-11 | IC-SS-2 | IC-SS-14 (DUP IC-SS-2)# | RPD | IC-SS-3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SEMI-VOLATILES, ug/kg | | | | | | | | | | | | | | | | | | |
| Base / Neutral Extractable Compounds | | | | | | | | | | | | | | | | | | |
| Benzidine | NA | 4200 U | 4200 U | 830 U | NC | 4200 U | 830 U | 830 U | 830 U | 4200 U | NC | NA | 4200 U | 4200 U | 830 U | 830 U | NC | 830 U |
| bis(2-Chloroethyl)ether | NA | 830 U | 830 U | 170 U | NC | 830 U | 170 U | 170 U | 170 U | 830 U | NC | NA | 830 U | 830 U | 170 U | 170 U | NC | 170 U |
| 1,3-Dichlorobenzene | NA | 830 U | 830 U | 170 U | NC | 830 U | 170 U | 170 U | 170 U | 830 U | NC | NA | 830 U | 830 U | 170 U | 170 U | NC | 170 U |
| 1,4-Dichlorobenzene | NA | 830 U | 830 U | 170 U | NC | 830 U | 170 U | 170 U | 170 U | 830 U | NC | NA | 830 U | 830 U | 170 U | 170 U | NC | 170 U |
| 1,2-Dichlorobenzene | NA | 830 U | 830 U | 170 U | NC | 830 U | 170 U | 170 U | 170 U | 830 U | NC | NA | 830 U | 830 U | 170 U | 170 U | NC | 170 U |
| bis(2-Chloroisopropyl)ether | NA | 830 U | 830 U | 170 U | NC | 830 U | 170 U | 170 U | 170 U | 830 U | NC | NA | 830 U | 830 U | 170 U | 170 U | NC | 170 U |
| N-Nitroso-di-n-propylamine | NA | 830 U | 830 U | 170 U | NC | 830 U | 170 U | 170 U | 170 U | 830 U | NC | NA | 830 U | 830 U | 170 U | 170 U | NC | 170 U |
| Hexachloroethane | NA | 830 U | 830 U | 170 U | NC | 830 U | 170 U | 170 U | 170 U | 830 U | NC | NA | 830 U | 830 U | 170 U | 170 U | NC | 170 U |
| Nitrobenzene | NA | 830 U | 830 U | 170 U | NC | 830 U | 170 U | 170 U | 170 U | 830 U | NC | NA | 830 U | 830 U | 170 U | 170 U | NC | 170 U |
| Isophorone | NA | 830 U | 830 U | 170 U | NC | 830 U | 170 U | 170 U | 170 U | 830 U | NC | NA | 830 U | 830 U | 170 U | 170 U | NC | 170 U |
| bis(2-Chloroethoxy)methane | NA | 830 U | 830 U | 170 U | NC | 830 U | 170 U | 170 U | 170 U | 830 U | NC | NA | 830 U | 830 U | 170 U | 170 U | NC | 170 U |
| 1,2,4-Trichlorobenzene | NA | 830 U | 830 U | 170 U | NC | 830 U | 170 U | 170 U | 170 U | 830 U | NC | NA | 830 U | 830 U | 170 U | 170 U | NC | 170 U |
| Naphtalene | NA | 830 U | 980 | 1300 | 30 | 830 U | 170 U | 170 U | 170 U | 830 U | NC | NA | 830 U | 830 U | 250 | 170 U | NC | 470 |
| Hexachlorobutadiene | NA | 830 U | 830 U | 170 U | NC | 830 U | 170 U | 170 U | 170 U | 830 U | NC | NA | 830 U | 830 U | 170 U | 170 U | NC | 170 U |
| Hexachlorocyclopentadiene | NA | 830 U | 830 U | 170 U | NC | 830 U | 170 U | 170 U | 170 U | 830 U | NC | NA | 830 U | 830 U | 170 U | 170 U | NC | 170 U |
| 2-Chloronaphtalene | NA | 830 U | 830 U | 170 U | NC | 830 U | 170 U | 170 U | 170 U | 830 U | NC | NA | 830 U | 830 U | 170 U | 170 U | NC | 170 U |
| Dimethylphthalate | NA | 830 U | 17000 | 170 U | NC | 830 U | 170 U | 170 U | 170 U | 830 U | NC | NA | 830 U | 830 U | 170 U | 170 U | NC | 170 U |
| 2,6-Dinitrotoluene | NA | 830 U | 830 U | 170 U | NC | 830 U | 170 U | 170 U | 170 U | 830 U | NC | NA | 830 U | 830 U | 170 U | 170 U | NC | 170 U |
| Acenaphthylene | NA | 830 U | 830 U | 170 U | NC | 830 U | 170 U | 170 U | 170 U | 830 U | NC | NA | 830 U | 830 U | 170 U | 170 U | NC | 170 U |
| Acenaphthene | NA | 830 U | 830 U | 170 U | NC | 830 U | 170 U | 170 U | 170 U | 830 U | NC | NA | 830 U | 830 U | 290 | 770 | 91 | 180 |
| 2,4-Dinitrotoluene | NA | 830 U | 830 U | 170 U | NC | 830 U | 170 U | 170 U | 170 U | 830 U | NC | NA | 830 U | 830 U | 170 U | 170 U | NC | 170 U |
| Diethylphthalate | NA | 830 U | 830 U | 23000 | NC | 830 U | 170 U | 170 U | 170 U | 830 U | NC | NA | 830 U | 830 U | 170 U | 170 U | NC | 170 U |
| 4-Chlorophenyl-phenylether | NA | 830 U | 830 U | 170 U | NC | 830 U | 170 U | 170 U | 170 U | 830 U | NC | NA | 830 U | 830 U | 170 U | 170 U | NC | 170 U |
| Fluorene | NA | 830 U | 830 U | 170 U | NC | 830 U | 170 U | 170 U | 170 | 830 U | NC | NA | 830 U | 830 U | 360 | 680 | 62 | 250 |
| N-Nitrosodiphenylamine (1) | NA | 830 U | 830 U | 170 U | NC | 830 U | 170 U | 170 U | 170 U | 830 U | NC | NA | 830 U | 830 U | 170 U | 170 U | NC | 170 U |
| 4-Bromophenyl-phenylether | NA | 830 U | 830 U | 170 U | NC | 830 U | 170 U | 170 U | 170 U | 830 U | NC | NA | 830 U | 830 U | 170 U | 170 U | NC | 170 U |
| Hexachlorobenzene | NA | 830 U | 830 U | 170 U | NC | 830 U | 170 U | 170 U | 170 U | 830 U | NC | NA | 830 U | 830 U | 170 U | 170 U | NC | 170 U |
| Phenanthrene | NA | 2100 | 830 U | 460 | NC | 830 U | 170 U | 270 | 480 | 950 | 67 | NA | 830 U | 830 U | 3000 | 1700 | 55 | 670 |
| Anthracene | NA | 830 U | 830 U | 170 U | NC | 830 U | 170 U | 170 U | 170 U | 830 U | NC | NA | 830 U | 830 U | 640 | 600 | 6.5 | 170 U |
| Pyrene | NA | 1600 | 830 U | 220 | NC | 830 U | 170 U | 170 U | 170 U | 830 U | NC | NA | 830 U | 830 U | 5000 | 3000 | 50 | 170 U |
| Di-n-butylphthalate | NA | 830 U | 2900 | 3000 | 3.4 | 830 U | 170 U | 170 U | 170 U | 830 U | NC | NA | 830 U | 830 U | 170 U | 170 U | NC | 170 U |
| Fluoranthene | NA | 1900 | 830 U | 270 | NC | 830 U | 170 U | 170 U | 170 U | 830 U | NC | NA | 830 U | 830 U | 5500 | 3400 | 47 | 170 U |
| Butylbenzylphthalate | NA | 830 U | 830 U | 170 U | NC | 830 U | 170 U | 170 U | 170 U | 830 U | NC | NA | 830 U | 830 U | 170 U | 170 U | NC | 170 U |
| 3,3'-Dichlorobenzidine | NA | 1700 U | 1700 U | 330 U | NC | 1700 U | 330 U | 330 U | 330 U | 1700 U | NC | NA | 1700 U | 1700 U | 330 U | 330 U | NC | 330 U |
| Benzo(a)anthracene | NA | 830 U | 830 U | 170 U | NC | 830 U | 170 U | 170 U | 170 U | 830 U | NC | NA | 830 U | 830 U | 2900 | 1500 | 64 | 170 U |
| bis(2-Ethylhexyl)phthalate | NA | 1300 | 160000 | 260000 | 48 | 1100 | 170 U | 170 U | 170 U | 830 U | NC | NA | 830 U | 830 U | 170 U | 170 U | NC | 170 U |
| Chrysene | NA | 830 U | 830 U | 170 U | NC | 830 U | 170 U | 170 U | 170 U | 830 U | NC | NA | 830 U | 830 U | 2500 | 1300 | 63 | 170 U |
| Di-n-octylphthalate | NA | 830 U | 830 U | 170 U | NC | 830 U | 170 U | 170 U | 170 U | 830 U | NC | NA | 830 U | 830 U | 170 U | 170 U | NC | 170 U |
| Benzo(b)fluoranthene | NA | 830 U | 830 U | 170 U | NC | 830 U | 170 U | 170 U | 170 U | 830 U | NC | NA | 830 U | 830 U | 2700 | 1200 | 77 | 170 U |
| N-Nitrosodimethylamine | NA | 830 U | 830 U | 170 U | NC | 830 U | 170 U | 170 U | 170 U | 830 U | NC | NA | 830 U | 830 U | 170 U | 170 U | NC | 170 U |
| 1,2-Diphenylhydrazine (2) | NA | 830 U | 830 U | 170 U | NC | 830 U | 170 U | 170 U | 170 U | 830 U | NC | NA | 830 U | 830 U | 170 U | 170 U | NC | 170 U |
| Benzo(k)fluoranthene | NA | 830 U | 830 U | 170 U | NC | 830 U | 170 U | 170 U | 170 U | 830 U | NC | NA | 830 U | 830 U | 410 | 850 | 70 | 170 U |
| Benzo(a)pyrene | NA | 830 U | 830 U | 170 U | NC | 830 U | 170 U | 170 U | 170 U | 830 U | NC | NA | 830 U | 830 U | 1600 | 880 | 68 | 170 U |
| Indeno(1,2,3-cd)pyrene | NA | 830 U | 830 U | 170 U | NC | 830 U | 170 U | 170 U | 170 U | 830 U | NC | NA | 830 U | 830 U | 730 | 270 | 92 | 170 U |
| Dibenz(a,h)arthracene | NA | 830 U | 830 U | 170 U | NC | 830 U | 170 U | 170 U | 170 U | 830 U | NC | NA | 830 U | 830 U | 250 | 170 U | NC | 170 U |
| Benzo(g,h,i)perylene | NA | 830 U | 830 U | 170 U | NC | 830 U | 170 U | 170 U | 170 U | 830 U | NC | NA | 830 U | 830 U | 740 | 290 | 67 | 170 U |
| Benzyl alcohol | NA | 830 U | 830 U | 170 U | NC | 830 U | 170 U | 170 U | 170 U | 830 U | NC | NA | 830 U | 830 U | 170 U | 170 U | NC | 170 U |

Table 6.1a Summary of Analytical Results in Soils, Shallow Borings, ByPass Channel Site, IHNC, New Orleans, Louisiana (CONT'D) :

| PARAMETER | IC-IS-2 | IC-IS-3 | IC-IS-4 | IC-IS-7 (DUP IC-IS-4)# | RPD | IC-IS-5 | IC-IS-6 | IC-IS-8 | IC-DS-4 | IC-DS-6 (DUP IC-DS-4)# | RPD | IC-DS-5 | IC-DS-9 | IC-DS-11 | IC-SS-2 | IC-SS-14 (DUP IC-SS-2)# | RPD | IC-SS-3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SEMI-VOLATILES, ug/kg | | | | | | | | | | | | | | | | | | |
| Base / Neutral Extractable Compounds | | | | | | | | | | | | | | | | | | |
| 4-Chloroaniline | NA | 830 U | 830 U | 170 U | NC | 830 U | 170 U | 170 U | 170 U | 830 U | NC | NA | 830 U | 830 U | 170 U | 170 U | NC | 170 U |
| Dibenzofuran | NA | 830 U | 830 U | 170 U | NC | 830 U | 170 U | 170 U | 170 U | 830 U | NC | NA | 830 U | 830 U | 170 U | 320 | NC | 170 U |
| 2-Methylnaphthalene | NA | 830 U | 830 U | 490 | NC | 830 U | 170 U | 270 | 170 U | 830 U | NC | NA | 830 U | 830 U | 170 U | 170 U | NC | 2400 |
| 2-Nitroaniline | NA | 4200 U | 4200 U | 830 U | NC | 4200 U | 830 U | 830 U | 830 U | 4200 U | NC | NA | 4200 U | 4200 U | 830 U | 830 U | NC | 830 U |
| 3-Nitroaniline | NA | 4200 U | 4200 U | 830 U | NC | 4200 U | 830 U | 830 U | 830 U | 4200 U | NC | NA | 4200 U | 4200 U | 830 U | 830 U | NC | 830 U |
| 4-Nitroaniline | NA | 4200 U | 4200 U | 830 U | NC | 4200 U | 830 U | 830 U | 830 U | 4200 U | NC | NA | 4200 U | 4200 U | 830 U | 830 U | NC | 830 U |

(1) Cannot be Distinguished from Diphenylamine
(2) Cannot Be Distinguished from Azobenzene

U - Below Quantitation Limit or BQL; J - Detected b elow quantitation limit; B - Detected in Blank; NA - Not Analyzed
RPD - Relative Percent Difference; NC - Not Calcul able; (DUP IC-IS-4)# - Duplicate sample of IC-IS-4.

**Table 6.1a Summary of Analytical Results in Soils, Shallow Borings, ByPass Channel Site, IHNC, New Orleans, Louisiana (CONTD) :**

| PARAMETER | IC-SS-4 | IC-SS-5 | IC-SS-6 | IC-SS-7 | IC-SS-10 | IC-SS-11 | IC-SS-13 | RPD | IC-SS-15 | IC-TS-1 | IC-TS-5 (DUP IC-TS-1)# | RPD | IC-TS-2 | IC-TS-3 | IC-TS-4 | IC-TS-6 | IC-TS-7 | IC-TS-8 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SEMI-VOLATILES, ug/kg | | | | | | | | | | | | | | | | | | |
| Base / Neutral Extractable Compounds | | | | | | | | | | | | | | | | | | |
| Benzidine | 17000 U | 17000 U | 17000 U | 17000 U | 4200 U | NA | NA | NC | 830 U | NA | NA | NC | 830 U | 830 U | NA | 170 J | 6300 U | 830 U |
| bis(2-Chloroethyl)ether | 3300 U | 3300 U | 3300 U | 3300 U | 830 U | NA | NA | NC | 170 U | NA | NA | NC | 170 U | 170 U | NA | 50 U | 1700 U | 170 U |
| 1,3-Dichlorobenzene | 3300 U | 3300 U | 3300 U | 3300 U | 830 U | NA | NA | NC | 170 U | NA | NA | NC | 170 U | 170 U | NA | 50 U | 1700 U | 170 U |
| 1,4-Dichlorobenzene | 3300 U | 3300 U | 3300 U | 3300 U | 830 U | NA | NA | NC | 170 U | NA | NA | NC | 170 U | 170 U | NA | 50 U | 1700 U | 170 U |
| 1,2-Dichlorobenzene | 3300 U | 3300 U | 3300 U | 3300 U | 830 U | NA | NA | NC | 170 U | NA | NA | NC | 170 U | 170 U | NA | 50 U | 1700 U | 170 U |
| bis(2-Chloroisopropyl)ether | 3300 U | 3300 U | 3300 U | 3300 U | 830 U | NA | NA | NC | 170 U | NA | NA | NC | 170 U | 170 U | NA | 50 U | 1700 U | 170 U |
| N-Nitroso-di-n-propylamine | 3300 U | 3300 U | 3300 U | 3300 U | 830 U | NA | NA | NC | 170 U | NA | NA | NC | 170 U | 170 U | NA | 50 U | 1700 U | 170 U |
| Hexachloroethane | 3300 U | 3300 U | 3300 U | 3300 U | 830 U | NA | NA | NC | 170 U | NA | NA | NC | 170 U | 170 U | NA | 50 U | 1700 U | 170 U |
| Nitrobenzene | 3300 U | 3300 U | 3300 U | 3300 U | 830 U | NA | NA | NC | 170 U | NA | NA | NC | 170 U | 170 U | NA | 50 U | 1700 U | 170 U |
| Isophorone | 3300 U | 3300 U | 3300 U | 3300 U | 830 U | NA | NA | NC | 170 U | NA | NA | NC | 170 U | 170 U | NA | 50 U | 1700 U | 170 U |
| bis(2-Chloroethoxy)methane | 3300 U | 3300 U | 3300 U | 3300 U | 830 U | NA | NA | NC | 170 U | NA | NA | NC | 170 U | 170 U | NA | 50 U | 1700 U | 170 U |
| 1,2,4-Trichlorobenzene | 3300 U | 3300 U | 3300 U | 3300 U | 830 U | NA | NA | NC | 170 U | NA | NA | NC | 170 U | 170 U | NA | 50 U | 1700 U | 170 U |
| Naphtalene | 3300 U | 3300 U | 3300 U | 3300 U | 830 U | NA | NA | NC | 170 U | NA | NA | NC | 170 U | 270 | NA | 50 U | 1700 U | 170 U |
| Hexachlorobutadiene | 3300 U | 3300 U | 3300 U | 3300 U | 830 U | NA | NA | NC | 170 U | NA | NA | NC | 170 U | 170 U | NA | 50 U | 1700 U | 170 U |
| Hexachlorocyclopentadiene | 3300 U | 3300 U | 3300 U | 3300 U | 830 U | NA | NA | NC | 170 U | NA | NA | NC | 170 U | 170 U | NA | 50 U | 1700 U | 170 U |
| 2-Chloronaphthalene | 3300 U | 3300 U | 3300 U | 3300 U | 830 U | NA | NA | NC | 170 U | NA | NA | NC | 170 U | 170 U | NA | 50 U | 1700 U | 170 U |
| Dimethylphthalate | 3300 U | 3300 U | 3300 U | 3300 U | 830 U | NA | NA | NC | 170 U | NA | NA | NC | 170 U | 170 U | NA | 50 U | 1700 U | 170 U |
| 2,6-Dinitrotoluene | 3300 U | 3300 U | 3300 U | 3300 U | 830 U | NA | NA | NC | 170 U | NA | NA | NC | 170 U | 170 U | NA | 50 U | 1700 U | 170 U |
| Acenaphthylene | 3300 U | 3300 U | 3300 U | 3300 U | 830 U | NA | NA | NC | 170 U | NA | NA | NC | 170 U | 170 | NA | 50 U | 1700 U | 170 U |
| Acenaphthene | 3300 U | 3300 U | 3300 U | 3300 U | 830 U | NA | NA | NC | 170 U | NA | NA | NC | 170 U | 170 | NA | 50 U | 1700 U | 170 U |
| 2,4-Dinitrotoluene | 3300 U | 3300 U | 3300 U | 3300 U | 830 U | NA | NA | NC | 170 U | NA | NA | NC | 170 U | 170 U | NA | 50 U | 1700 U | 170 U |
| Diethylphthalate | 3300 U | 3300 U | 3300 U | 3300 U | 830 U | NA | NA | NC | 170 U | NA | NA | NC | 170 U | 170 U | NA | 50 U | 1700 U | 170 U |
| 4-Chlorophenyl-phenylether | 3300 U | 3300 U | 3300 U | 3300 U | 830 U | NA | NA | NC | 170 U | NA | NA | NC | 170 U | 170 U | NA | 50 U | 1700 U | 170 U |
| Fluorene | 3300 U | 3300 U | 3300 U | 3300 U | 830 U | NA | NA | NC | 170 U | NA | NA | NC | 170 U | 170 U | NA | 50 U | 1700 U | 170 U |
| N-Nitrosodiphenylamine (1) | 3300 U | 3300 U | 3300 U | 3300 U | 830 U | NA | NA | NC | 170 U | NA | NA | NC | 170 U | 170 U | NA | 50 U | 1700 U | 170 U |
| 4-Bromophenyl-phenylether | 3300 U | 3300 U | 3300 U | 3300 U | 830 U | NA | NA | NC | 170 U | NA | NA | NC | 170 U | 170 U | NA | 50 U | 1700 U | 170 U |
| Hexachlorobenzene | 3300 U | 3300 U | 3300 U | 3300 U | 830 U | NA | NA | NC | 170 U | NA | NA | NC | 170 U | 170 U | NA | 50 U | 1700 U | 170 U |
| Phenanthrene | 3300 U | 3300 U | 3300 U | 3900 | 830 U | NA | NA | NC | 170 U | NA | NA | NC | 390 | 1000 | NA | 50 U | 1700 U | 170 U |
| Anthracene | 3300 U | 3300 U | 3300 U | 3300 U | 830 U | NA | NA | NC | 170 U | NA | NA | NC | 170 U | 280 | NA | 50 U | 1700 U | 170 U |
| Pyrene | 3300 U | 3300 U | 3300 U | 3300 U | 830 U | NA | NA | NC | 170 U | NA | NA | NC | 320 | 1500 | NA | 50 U | 1700 U | 170 U |
| Di-n-butylphthalate | 3300 U | 3300 U | 3300 U | 3300 U | 830 U | NA | NA | NC | 170 U | NA | NA | NC | 170 U | 170 U | NA | 50 U | 1700 U | 170 U |
| Fluoranthene | 3300 U | 3300 U | 3300 U | 3300 U | 830 U | NA | NA | NC | 170 U | NA | NA | NC | 430 | 1500 | NA | 50 U | 1700 U | 170 U |
| Butylbenzylphthalate | 3300 U | 3300 U | 3300 U | 3300 U | 830 U | NA | NA | NC | 170 U | NA | NA | NC | 170 U | 170 U | NA | 50 U | 1700 U | 170 U |
| 3,3'-Dichlorobenzidine | 6700 U | 6700 U | 6700 U | 6700 U | 1700 U | NA | NA | NC | 330 U | NA | NA | NC | 330 U | 330 U | NA | 100 U | 3300 U | 330 U |
| Benzo(a)anthracene | 3300 U | 3300 U | 3300 U | 3300 U | 830 U | NA | NA | NC | 170 U | NA | NA | NC | 170 U | 750 | NA | 50 U | 1700 U | 170 U |
| bis(2-Ethylhexyl)phthalate | 3300 U | 3300 U | 3300 U | 3300 U | 830 U | NA | NA | NC | 170 U | NA | NA | NC | 170 U | 170 U | NA | 50 U | 1700 U | 170 U |
| Chrysene | 3300 U | 3300 U | 3300 U | 3300 U | 830 U | NA | NA | NC | 170 U | NA | NA | NC | 170 U | 830 | NA | 50 U | 1700 U | 170 U |
| Di-n-octylphthalate | 3300 U | 3300 U | 3300 U | 3300 U | 830 U | NA | NA | NC | 170 U | NA | NA | NC | 170 U | 170 U | NA | 50 U | 1700 U | 170 U |
| Benzo(b)fluoranthene | 3300 U | 3300 U | 3300 U | 3300 U | 830 U | NA | NA | NC | 170 U | NA | NA | NC | 170 U | 980 | NA | 50 U | 1700 U | 170 U |
| N-Nitrosodimethylamine | 3300 U | 3300 U | 3300 U | 3300 U | 830 U | NA | NA | NC | 170 U | NA | NA | NC | 170 U | 170 U | NA | 50 U | 1700 U | 170 U |
| 1,2-Diphenylhydrazine (2) | 3300 U | 3300 U | 3300 U | 3300 U | 830 U | NA | NA | NC | 170 U | NA | NA | NC | 170 U | 170 U | NA | 50 U | 1700 U | 170 U |
| Benzo(k)fluoranthene | 3300 U | 3300 U | 3300 U | 3300 U | 830 U | NA | NA | NC | 170 U | NA | NA | NC | 170 U | 500 | NA | 50 U | 1700 U | 170 U |
| Benzo(a)pyrene | 3300 U | 3300 U | 3300 U | 3300 U | 830 U | NA | NA | NC | 170 U | NA | NA | NC | 170 U | 770 | NA | 50 U | 1700 U | 170 U |
| Indeno(1,2,3-cd)pyrene | 3300 U | 3300 U | 3300 U | 3300 U | 830 U | NA | NA | NC | 170 U | NA | NA | NC | 170 U | 300 | NA | 50 U | 1700 U | 170 U |
| Dibenz(a,h)anthracene | 3300 U | 3300 U | 3300 U | 3300 U | 830 U | NA | NA | NC | 170 U | NA | NA | NC | 170 U | 170 | NA | 50 U | 1700 U | 170 U |
| Benzo(g,h,i)perylene | 3300 U | 3300 U | 3300 U | 3300 U | 830 U | NA | NA | NC | 170 U | NA | NA | NC | 170 U | 300 | NA | 50 U | 1700 U | 170 U |
| Benzyl alcohol | 3300 U | 3300 U | 3300 U | 3300 U | 830 U | NA | NA | NC | 170 U | NA | NA | NC | 170 U | 170 U | NA | 50 U | 1700 U | 170 U |

Table 6.1a Summary of Analytical Results in Soils, Shallow Borings, ByPass Channel Site, IHNC, New Orleans, Louisiana (CONT'D) :

| PARAMETER | IC-SS-4 | IC-SS-5 | IC-SS-6 | IC-SS-7 | IC-SS-10 | IC-SS-11 | IC-SS-13 | RPD | IC-SS-15 | IC-TS-1 | IC-TS-5 (DUP IC-TS-1)# | RPD | IC-TS-2 | IC-TS-3 | IC-TS-4 | IC-TS-6 | IC-TS-7 | IC-TS-8 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SEMI-VOLATILES, ug/kg | | | | | | | | | | | | | | | | | | |
| Base / Neutral Extractable Compounds | | | | | | | | | | | | | | | | | | |
| 4-Chloroaniline | 3300 U | 3300 U | 3300 U | 3300 U | 830 U | NA | NA | NC | 170 U | NA | NA | NC | 170 U | 170 U | NA | 50 U | 1700 U | 170 U |
| Dibenzofuran | 3300 U | 3300 U | 3300 U | 3300 U | 830 U | NA | NA | NC | 170 U | NA | NA | NC | 170 U | 170 U | NA | 50 U | 1700 U | 170 U |
| 2-Methylnaphthalene | 3300 U | 3300 U | 3300 U | 5500 | 830 U | NA | NA | NC | 170 U | NA | NA | NC | 170 U | 170 U | NA | 50 U | 1700 U | 170 U |
| 2-Nitroaniline | 17000 U | 17000 U | 17000 U | 17000 U | 4200 U | NA | NA | NC | 830 U | NA | NA | NC | 830 U | 830 U | NA | 250 U | 8300 U | 830 U |
| 3-Nitroaniline | 17000 U | 17000 U | 17000 U | 17000 U | 4200 U | NA | NA | NC | 830 U | NA | NA | NC | 830 U | 830 U | NA | 250 U | 8300 U | 830 U |
| 4-Nitroaniline | 17000 U | 17000 U | 17000 U | 17000 U | 4200 U | NA | NA | NC | 830 U | NA | NA | NC | 830 U | 830 U | NA | 250 U | 8300 U | 830 U |

(1) Cannot be Distinguished from Diphenylamine
(2) Cannot Be Distinguished from Azobenzene

U - Below Quantitation Limit or BQL; J - Detected b elow quantitation limit; B - Detected in Blank; NA - Not Analyzed.
RPD - Relative Percent Difference; NC - Not Calcul able; (DUP IC-IS-4)# - Duplicate sample of IC-IS-4.

Table 6.1a Summary of Analytical Results in Soils, Shallow Borings, ByPass Channel Site, IHNC, New Orleans, Louisiana (CONT'D) :

| PARAMETER : | IC-BS-2 | IC-BS-3 | IC-BS-3D | IC-BS-5 | IC-BS-6 | IC-BS-7 | IC-BS-8 | IC-BS-8D | IC-BS-9 | IB-BS-9D | IC-BS-10 | IC-BS-10D | IC-BS-11 | IC-MS-1 | IC-MS-3 | IC-MS-5 | IC-MS-6 | IC-IS-1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SEMI-VOLATILES, ug/kg | | | | | | | | | | | | | | | | | | |
| Acid Extractable Compounds | | | | | | | | | | | | | | | | | | |
| Phenol | 170 U | NA | 830 U | NA | 170 U | 830 U | NA | 1700 U | 830 U | 170 U | NA | 830 U | 170 U | 170 U | 170 U | NA | 170 U | 170 U |
| 2-Chlorophenol | 170 U | NA | 830 U | NA | 170 U | 830 U | NA | 1700 U | 830 U | 170 U | NA | 830 U | 170 U | 170 U | 170 U | NA | 170 U | 170 U |
| 2-Nitrophenol | 170 U | NA | 830 U | NA | 170 U | 830 U | NA | 1700 U | 830 U | 170 U | NA | 830 U | 170 U | 170 U | 170 U | NA | 170 U | 170 U |
| 2,4-Dimethylphenol | 170 U | NA | 830 U | NA | 170 U | 830 U | NA | 1700 U | 830 U | 170 U | NA | 830 U | 170 U | 170 U | 170 U | NA | 170 U | 170 U |
| 2,4-Dichlorophenol | 170 U | NA | 830 U | NA | 170 U | 830 U | NA | 1700 U | 830 U | 170 U | NA | 830 U | 170 U | 170 U | 170 U | NA | 170 U | 170 U |
| 4-Chloro-3-methylphenol | 170 U | NA | 830 U | NA | 170 U | 830 U | NA | 1700 U | 830 U | 170 U | NA | 830 U | 170 U | 170 U | 170 U | NA | 170 U | 170 U |
| 2,4,6-Trichlorophenol | 170 U | NA | 830 U | NA | 170 U | 830 U | NA | 1700 U | 830 U | 170 U | NA | 830 U | 170 U | 170 U | 170 U | NA | 170 U | 170 U |
| 2,4-Dinitrophenol | 830 U | NA | 4200 U | NA | 830 U | 4200 U | NA | 8300 U | 4200 U | 830 U | NA | 4200 U | 830 U | 830 U | 830 U | NA | 830 U | 830 U |
| 4-Nitrophenol | 830 U | NA | 4200 U | NA | 830 U | 4200 U | NA | 8300 U | 4200 U | 830 U | NA | 4200 U | 830 U | 830 U | 830 U | NA | 830 U | 830 U |
| 4,6-Dinitro-2-methylphenol | 830 U | NA | 4200 U | NA | 830 U | 4200 U | NA | 8300 U | 4200 U | 830 U | NA | 4200 U | 830 U | 830 U | 830 U | NA | 830 U | 830 U |
| Pentachlorophenol | 830 U | NA | 4200 U | NA | 830 U | 4200 U | NA | 8300 U | 4200 U | 830 U | NA | 4200 U | 830 U | 830 U | 830 U | NA | 830 U | 830 U |
| 2-Methylphenol | 170 U | NA | 830 U | NA | 170 U | 830 U | NA | 1700 U | 830 U | 170 U | NA | 830 U | 170 U | 170 U | 170 U | NA | 170 U | 170 U |
| 4-Methylphenol | 170 U | NA | 830 U | NA | 170 U | 830 U | NA | 1700 U | 830 U | 170 U | NA | 830 U | 170 U | 170 U | 170 U | NA | 170 U | 170 U |
| Benzoic acid | 830 U | NA | 4200 U | NA | 830 U | 4200 U | NA | 8300 U | 4200 U | 830 U | NA | 4200 U | 830 U | 830 U | 830 U | NA | 830 U | 830 U |
| 2,4,5-Trichlorophenol | 830 U | NA | 4200 U | NA | 830 U | 4200 U | NA | 8300 U | 4200 U | 830 U | NA | 4200 U | 830 U | 830 U | 830 U | NA | 830 U | 830 U |

| PARAMETER : | IC-BS-2 | IC-BS-3 | IC-BS-3D | IC-BS-5 | IC-BS-6 | IC-BS-7 | IC-BS-8 | IC-BS-8D | IC-BS-9 | IB-BS-9D | IC-BS-10 | IC-BS-10D | IC-BS-11 | IC-MS-1 | IC-MS-3 | IC-MS-5 | IC-MS-6 | IC-IS-1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chlorinated Hydrocarbons, ug/kg | | | | | | | | | | | | | | | | | | |
| 1,3-Dichlorobenzene | 83.1 U | NA | 83.2 U | NA | 83.1 U | 83.1 U | NA | 83.3 U | 83.1 U | 83.2 U | NA | 83.3 U | NA | 83.1 U | 82.9 U | NA | NA | 83.2 U |
| 1,4-Dichlorobenzene | 296 U | NA | 296 U | NA | 296 U | 269 U | NA | 297 U | 296 U | 296 U | NA | 297 U | NA | 296 U | 295 U | NA | NA | 296 U |
| 1,2-Dichlorobenzene | 89.7 U | NA | 89.9 U | NA | 89.7 U | 89.7 U | NA | 90.0 U | 89.7 U | 89.8 | NA | 90.0 U | NA | 89.7 U | 89.6 U | NA | NA | 89.9 U |
| Hexachloroethane | 1.66 U | NA | 1.66 U | NA | 1.66 U | 1.66 U | NA | 3.43 | 1.66 U | 1.66 | NA | 1.67 U | NA | 1.66 U | 1.66 U | NA | NA | 1.66 U |
| 1,2,4-Trichlorobenzene | 43.2 U | NA | NA | NA | 43.2 U | 43.2 U | NA | NA | 43.2 U | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Hexachlorobutadiene | 1.66 U | NA | 4.31 | NA | 1.66 U | 1.66 U | NA | 7.89 B | 1.66 U | 3.68 | NA | 3.24 | NA | 1.66 U | 1.66 U | NA | NA | 9.14 |
| 2-Chloronaphthalene | 432 U | NA | 433 U | NA | 432 U | 432 U | NA | 433 U | 432 U | 432 U | NA | 433 U | NA | 432 U | 431 U | NA | NA | 433 U |
| Hexachlorobenzene | 1.66 U | NA | 1.66 U | NA | 1.66 U | 1.66 U | NA | 1.67 U | 1.66 U | 1.66 | NA | 1.67 U | NA | 1.66 U | 1.66 U | NA | NA | 1.66 U |

| PARAMETER : | IC-BS-2 | IC-BS-3 | IC-BS-3D | IC-BS-5 | IC-BS-6 | IC-BS-7 | IC-BS-8 | IC-BS-8D | IC-BS-9 | IB-BS-9D | IC-BS-10 | IC-BS-10D | IC-BS-11 | IC-MS-1 | IC-MS-3 | IC-MS-5 | IC-MS-6 | IC-IS-1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Metals, mg/kg | | | | | | | | | | | | | | | | | | |
| Arsenic | 7.6 | 2.3 U | NA | NA | 7 | 4.6 | 2.4 U | NA | 6.7 | 9.0 | 16.9 | NA | NA | 4.6 | 4.4 | 8.3 | 7.6 | 4.9 |
| Barium | 173 | 79.4 | NA | NA | 138 | 158 | 49.9 | NA | 146 | 167.0 | 578 | NA | NA | 1.22 | 168 | 356 | 220 | 169 |
| Cadmium | 2.5 U | 1.0 U | NA | NA | 2.4 U | 2.4 U | 2.2 U | NA | 2.2 U | 0.50 U | 2.4 U | NA | NA | 0.45 U | 0.5 U | 0.5 U | 0.50 U | 0.5 U |
| Chromium | 26.2 | 47.5 | NA | NA | 34.7 | 87.6 | 13 | NA | 48 | 55.7 | 112 | NA | NA | 14.9 | 16 | 32.1 | 20.2 | 16 |
| Lead | 116 | 125 | NA | NA | 148 | 292 | 12 | NA | 45.4 | 36.0 | 2420 | NA | NA | 9.6 | 18.2 | 4690 | 153 | 159 |
| Mercury | 0.17 | 0.075 | NA | NA | 0.088 | 0.1 | 0.07 | NA | 0.11 | 0.13 | 0.049 | NA | NA | 0.02 U | 0.058 | 0.14 | 0.11 | 0.3 |
| Selenium | 0.5 U | 0.5 U | NA | NA | 0.5 U | 0.5 U | 0.5 U | NA | 0.50 U | 2.4 U | 4.8 U | NA | NA | 0.5 U | 0.5 U | 0.45 U | 2.2 U | 1.8 |
| Silver | 4.9 U | 1.9 U | NA | NA | 4.8 U | 4.8 U | 4.5 U | NA | 4.3 U | 0.95 U | 4.8 U | NA | NA | 0.01 U | 001 U | 1.0 U | 1.0 U | 1.0 U |

U - Below Quantitation Limit or BQL; J - Detected below quantitation limit; B - Detected in Blank; NA - Not Analyzed
RPD - Relative Percent Difference; NC - Not Calcula ble; (DUP IC-IS-4)# - Duplicate sample of IC-IS-4.

**Table 6.1a Summary of Analytical Results in Soils, Shallow Borings, ByPass Channel Site, IHNC, New Orleans, Louisiana (CONT'D) :**

| PARAMETER : | IC-IS-2 | IC-IS-3 | IC-IS-4 | IC-IS-7 (DUP IC-IS-4)# | RPD | IC-IS-5 | IC-IS-6 | IC-IS-8 | IC-DS-4 | IC-DS-6 (DUP IC-DS-4)# | RPD | IC-DS-5 | IC-DS-9 | IC-DS-11 | IC-SS-2 | IC-SS-14 (DUP IC-SS-2)# | RPD | IC-SS-3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SEMI-VOLATILES, ug/kg | | | | | | | | | | | | | | | | | | |
| Acid Extractable Compounds | | | | | | | | | | | | | | | | | | |
| Phenol | NA | 830 U | 830 U | 170 U | NC | 830 U | 170 J | 170 U | 170 U | 830 U | NC | NA | 830 U | 830 U | 170 U | 170 U | NC | 170 U |
| 2-Chlorophenol | NA | 830 U | 830 U | 170 U | NC | 830 U | 170 J | 170 U | 170 U | 830 U | NC | NA | 830 U | 830 U | 170 U | 170 U | NC | 170 U |
| 2-Nitrophenol | NA | 830 U | 830 U | 170 U | NC | 830 U | 170 J | 170 U | 170 U | 830 U | NC | NA | 830 U | 830 U | 170 U | 170 U | NC | 170 U |
| 2,4-Dimethylphenol | NA | 830 U | 830 U | 170 U | NC | 830 U | 170 J | 170 U | 170 U | 830 U | NC | NA | 830 U | 830 U | 170 U | 170 U | NC | 170 U |
| 2,4-Dichlorophenol | NA | 830 U | 830 U | 170 U | NC | 830 U | 170 J | 170 U | 170 U | 830 U | NC | NA | 830 U | 830 U | 170 U | 170 U | NC | 170 U |
| 4-Chloro-3-methylphenol | NA | 830 U | 830 U | 170 U | NC | 830 U | 170 J | 170 U | 170 U | 830 U | NC | NA | 830 U | 830 U | 170 U | 170 U | NC | 170 U |
| 2,4,6-Trichlorophenol | NA | 830 U | 830 U | 170 U | NC | 830 U | 170 J | 170 U | 170 U | 830 U | NC | NA | 830 U | 830 U | 170 U | 170 U | NC | 170 U |
| 2,4-Dinitrophenol | NA | 4200 U | 4200 U | 830 U | NC | 4200 U | 830 J | 830 U | 830 U | 4200 U | NC | NA | 4200 U | 4200 U | 830 U | 830 U | NC | 830 U |
| 4-Nitrophenol | NA | 4200 U | 4200 U | 830 U | NC | 4200 U | 830 J | 830 U | 830 U | 4200 U | NC | NA | 4200 U | 4200 U | 830 U | 830 U | NC | 830 U |
| 4,6-Dinitro-2-methylphenol | NA | 4200 U | 4200 U | 830 U | NC | 4200 U | 830 J | 830 U | 830 U | 4200 U | NC | NA | 4200 U | 4200 U | 830 U | 830 U | NC | 830 U |
| Pentachlorophenol | NA | 4200 U | 4200 U | 830 U | NC | 4200 U | 830 J | 830 U | 830 U | 4200 U | NC | NA | 4200 U | 4200 U | 830 U | 830 U | NC | 830 U |
| 2-Methylphenol | NA | 830 U | 830 U | 170 U | NC | 830 U | 170 J | 170 U | 170 U | 830 U | NC | NA | 830 U | 830 U | 170 U | 170 U | NC | 170 U |
| 4-Methylphenol | NA | 830 U | 830 U | 170 U | NC | 830 U | 170 J | 170 U | 170 U | 830 U | NC | NA | 830 U | 830 U | 170 U | 170 U | NC | 170 U |
| Benzoic acid | NA | 4200 U | 4200 U | 830 U | NC | 4200 U | 830 J | 830 U | 830 U | 4200 U | NC | NA | 4200 U | 4200 U | 830 U | 830 U | NC | 830 U |
| 2,4,5-Trichlorophenol | NA | 4200 U | 4200 U | 830 U | NC | 4200 U | 830 J | 830 U | 830 U | 4200 U | NC | NA | 4200 U | 4200 U | 830 U | 830 U | NC | 830 U |

| PARAMETER : | IC-IS-2 | IC-IS-3 | IC-IS-4 | IC-IS-7 (DUP IC-IS-4)# | RPD | IC-IS-5 | IC-IS-6 | IC-IS-8 | IC-DS-4 | IC-DS-6 (DUP IC-DS-4)# | RPD | IC-DS-5 | IC-DS-9 | IC-DS-11 | IC-SS-2 | IC-SS-14 (DUP IC-SS-2)# | RPD | IC-SS-3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chlorinated Hydrocarbons, ug/kg | | | | | | | | | | | | | | | | | | |
| 1,3-Dichlorobenzene | NA | 83.1 U | 83.2 U | 83.1 U | NC | 83.1 U | 83.1 U | 83.2 U | 83.1 U | 82.9 U | NC | NA | 82.6 U | 83.2 U | 82.9 U | NA | NC | 83.1 U |
| 1,4-Dichlorobenzene | NA | 296 U | 296 U | 296 U | NC | 296 U | 296 U | 296 U | 296 U | 295 U | NC | NA | 294 U | 296 U | 295 U | NA | NC | 296 U |
| 1,2-Dichlorobenzene | NA | 69.6 U | 69.9 U | 69.7 U | NC | 69.7 U | 69.7U | 69.9 U | 69.7 U | 69.6 U | NC | NA | 69.2 U | 69.7 U | 69.6 U | NA | NC | 69.7 U |
| Hexachloroethane | NA | 1.66 U | 1.66 U | 1.66 U | NC | 166 U | 1.66U | 1.66 U | 1.66 U | 1.66 U | NC | NA | 1.65 U | 2.36 | 1.66 U | NA | NC | 1.66 U |
| 1,2,4-Trichlorobenzene | NA | NA | NA | NA | NC | NA | NA | NA | NA | NA | NC | NA | NA | NA | NA | NA | NC | NA |
| Hexachlorobutadiene | NA | 24.3 | 31.6 | 27 | 16 | 24.2 | 13.5 | 8.2 | 1.66 U | 1.66 U | NC | NA | 1.65 U | 5.16 | 10.3 | NA | NC | 9.24 |
| 2-Chloronaphthalene | NA | 432 U | 433 U | 432 U | NC | 432 U | 432 U | 433 U | 432 U | 431 U | NC | NA | 429 U | 432 U | 431 U | NA | NC | 432 U |
| Hexachlorobenzene | NA | 1.66 U | 1.66 U | 1.66 U | NC | 166 U | 1.66U | 1.66 U | 1.66 U | 1.66 U | NC | NA | 1.65 U | 1.66 U | 1.66 U | NA | NC | 1.66 U |

| PARAMETER : | IC-IS-2 | IC-IS-3 | IC-IS-4 | IC-IS-7 (DUP IC-IS-4)# | RPD | IC-IS-5 | IC-IS-6 | IC-IS-8 | IC-DS-4 | IC-DS-6 (DUP IC-DS-4)# | RPD | IC-DS-5 | IC-DS-9 | IC-DS-11 | IC-SS-2 | IC-SS-14 (DUP IC-SS-2)# | RPD | IC-SS-3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Metals, mg/kg | | | | | | | | | | | | | | | | | | |
| Arsenic | 6.3 | 5.2 | 4.7 | 5.6 | 21 | 5.6 | 9 | 6.3 | 6.2 | 4.5 | 32 | 3.4 | 3.6 | 6.3 | 6.6 | NA | NC | 7.3 |
| Barium | 140 | 166 | 161 | 177 | 9.4 | 172 | 109 | 190 | 106 | 114 | 7 | 166 | 171 | 75.4 | 456 | NA | NC | 130 |
| Cadmium | 0.45 U | 1.6 | 0.5 U | 0.5 U | NC | 0.45 U | 0.5 U | 0.45 U | 0.5 U | 0.45 U | NC | 0.5 U | 2.0 U | 0.45 U | 0.5 U | NA | NC | 0.5 U |
| Chromium | 11.6 | 59.4 | 19.3 | 22.9 | 17 | 183 | 12 | 30.3 | 22.6 | 12.6 | 57 | 25.9 | 9 | 4.7 | 19.7 | NA | NC | 17.2 |
| Lead | 12.7 | 366 | 362 | 1070 | 99 | 453 | 68.3 | 122 | 26.6 | 30.1 | 4 | 171 | 35.4 | 37.3 | 92.6 | NA | NC | 60 |
| Mercury | 0.046 | 1.4 | 1 | 1.4 | 33 | 1.5 | 0.25 | 1.1 | 0.37 | 0.27 | 31 | 0.96 | 0.057 | 0.18 | 0.2 | NA | NC | 0.047 |
| Selenium | 0.5 U | 0.5 U | 0.5 U | 0.5 U | NC | 0.5 U | 0.45U | 2.2 U | 0.45 U | 0.45 U | NC | 0.45 U | 0.45 U | 2.0 U | 1 | NA | NC | 0.64 |
| Silver | 0.9 U | 0.95 U | 1.0 U | 1.0 U | NC | 0.9 U | 1.0 U | 0.85 U | 0.95 U | 0.9 U | NC | 0.95 U | 4.0 U | 0.90 U | 1.0 U | NA | NC | 1.0 U |

U - Below Quantitation Limit or BQL; J - Detected below quantitation limit; B - Detected in Blank; NA - Not Analyzed.
RPD - Relative Percent Difference; NC - Not Calcula ble; (DUP IC-IS-4)# - Duplicate sample of IC-IS-4.

Table 6.1a Summary of Analytical Results in Soils, Shallow Borings, ByPass Channel Site, IHNC, New Orleans, Louisiana (CONT'D):

| PARAMETER: | IC-SS-4 | IC-SS-5 | IC-SS-6 | IC-SS-7 | IC-SS-10 | IC-SS-11 | IC-SS-13 | RPD | IC-SS-15 | IC-TS-1 | IC-TS-5 (DUP IC-TS-1)# | RPD | IC-TS-2 | IC-TS-3 | IC-TS-4 | IC-TS-6 | IC-TS-7 | IC-TS-8 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SEMI-VOLATILES, ug/kg | | | | | | | | | | | | | | | | | | |
| Acid Extractable Compounds | | | | | | | | | | | | | | | | | | |
| Phenol | 3300 U | 3300 U | 3300 U | 3300 U | 830 U | NA | NA | NC | 170 U | NA | NA | NC | 170 U | 170 U | NA | 50 U | 1700 U | 170 U |
| 2-Chlorophenol | 3300 U | 3300 U | 3300 U | 3300 U | 830 U | NA | NA | NC | 170 U | NA | NA | NC | 170 U | 170 U | NA | 50 U | 1700 U | 170 U |
| 2-Nitrophenol | 3300 U | 3300 U | 3300 U | 3300 U | 830 U | NA | NA | NC | 170 U | NA | NA | NC | 170 U | 170 U | NA | 50 U | 1700 U | 170 U |
| 2,4-Dimethylphenol | 3300 U | 3300 U | 3300 U | 3300 U | 830 U | NA | NA | NC | 170 U | NA | NA | NC | 170 U | 170 U | NA | 50 U | 1700 U | 170 U |
| 2,4-Dichlorophenol | 3300 U | 3300 U | 3300 U | 3300 U | 830 U | NA | NA | NC | 170 U | NA | NA | NC | 170 U | 170 U | NA | 50 U | 1700 U | 170 U |
| 4-Chloro-3-methylphenol | 3300 U | 3300 U | 3300 U | 3300 U | 830 U | NA | NA | NC | 170 U | NA | NA | NC | 170 U | 170 U | NA | 50 U | 1700 U | 170 U |
| 2,4,6-Trichlorophenol | 3300 U | 3300 U | 3300 U | 3300 U | 830 U | NA | NA | NC | 170 U | NA | NA | NC | 170 U | 170 U | NA | 50 U | 1700 U | 170 U |
| 2,4-Dinitrophenol | 17000 U | 17000 U | 17000 U | 17000 U | 4200 U | NA | NA | NC | 830 U | NA | NA | NC | 830 U | 830 U | NA | 250 U | 8300 U | 830 U |
| 4-Nitrophenol | 17000 U | 17000 U | 17000 U | 17000 U | 4200 U | NA | NA | NC | 830 U | NA | NA | NC | 830 U | 830 U | NA | 250 U | 8300 U | 830 U |
| 4,6-Dinitro-2-methylphenol | 17000 U | 17000 U | 17000 U | 17000 U | 4200 U | NA | NA | NC | 830 U | NA | NA | NC | 830 U | 830 U | NA | 250 U | 8300 U | 830 U |
| Pentachlorophenol | 17000 U | 17000 U | 17000 U | 17000 U | 4200 U | NA | NA | NC | 830 U | NA | NA | NC | 830 U | 830 U | NA | 250 U | 8300 U | 830 U |
| 2-Methylphenol | 3300 U | 3300 U | 3300 U | 3300 U | 830 U | NA | NA | NC | 170 U | NA | NA | NC | 170 U | 170 U | NA | 50 U | 1700 U | 170 U |
| 4-Methylphenol | 3300 U | 3300 U | 3300 U | 3300 U | 830 U | NA | NA | NC | 170 U | NA | NA | NC | 170 U | 170 U | NA | 50 U | 1700 U | 170 U |
| Benzoic acid | 17000 U | 17000 U | 17000 U | 17000 U | 4200 U | NA | NA | NC | 830 U | NA | NA | NC | 830 U | 830 U | NA | 250 U | 8300 U | 830 U |
| 2,4,5-Trichlorophenol | 17000 U | 17000 U | 17000 U | 17000 U | 4200 U | NA | NA | NC | 830 U | NA | NA | NC | 830 U | 830 U | NA | 250 U | 8300 U | 830 U |

| PARAMETER: | IC-SS-4 | IC-SS-5 | IC-SS-6 | IC-SS-7 | IC-SS-10 | IC-SS-11 | IC-SS-13 | RPD | IC-SS-15 | IC-TS-1 | IC-TS-5 (DUP IC-TS-1)# | RPD | IC-TS-2 | IC-TS-3 | IC-TS-4 | IC-TS-6 | IC-TS-7 | IC-TS-8 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chlorinated Hydrocarbons, ug/kg | | | | | | | | | | | | | | | | | | |
| 1,3-Dichlorobenzene | 82.6 U | 82.6 U | 82.6 U | 82.2 U | 82.6 U | NA | NA | NC | 83.2 U | NA | NA | NC | 83.3 U | 83.3 U | NA | 83.3 U | 83.2 U | 83.3 U |
| 1,4-Dichlorobenzene | 294 U | 294 U | 294 U | 293 U | 295 U | NA | NA | NC | 296 U | NA | NA | NC | 297 U | 297 U | NA | 296 U | 296 U | 297 U |
| 1,2-Dichlorobenzene | 88.3 U | 88.3 U | 88.3 U | 88.6 U | 89.4 U | NA | NA | NC | 89.9 U | NA | NA | NC | 90.0 U | 90.0 U | NA | 89.9 U | 89.9 U | 90.0 U |
| Hexachloroethane | 1.65 U | 1.65 U | 1.65 U | 1.64 U | 1.66 U | NA | NA | NC | 2.4 | NA | NA | NC | 3.43 | 1.67 U | NA | 1.67 U | 1.97 | 1.67 U |
| 1,2,4-Trichlorobenzene | NA | NA | NA | NA | NA | NA | NA | NC | NA | NA | NA | NC | NA | NA | NA | NA | NA | NA |
| Hexachlorobutadiene | 6.04 | 6.4 | 1.65 U | 6.15 | 5.12 | NA | NA | NC | 1.66 U | NA | NA | NC | 7.69 B | 7.77 B | NA | 2.11 | 2.85 | 3.39 |
| 2-Chloronaphthalene | 430 U | 430 U | 430 U | 428 U | 430 U | NA | NA | NC | 433 U | NA | NA | NC | 433 U | 433 U | NA | 433 U | 433 U | 433 U |
| Hexachlorobenzene | 36.3 U | 1.65 U | 1.65 U | 1.64 U | 1.66 U | NA | NA | NC | 1.66 U | NA | NA | NC | 1.67 U | 1.67 U | NA | 1.67 U | 1.66 U | 1.67 U |

| PARAMETER: | IC-SS-4 | IC-SS-5 | IC-SS-6 | IC-SS-7 | IC-SS-10 | IC-SS-11 | IC-SS-13 | RPD | IC-SS-15 | IC-TS-1 | IC-TS-5 (DUP IC-TS-1)# | RPD | IC-TS-2 | IC-TS-3 | IC-TS-4 | IC-TS-6 | IC-TS-7 | IC-TS-8 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Metals, mg/kg | | | | | | | | | | | | | | | | | | |
| Arsenic | 2.8 | 3.5 | 10.2 | 26.7 | 5 | 72 | 12.5 | 54 | 4.9 | NA | NA | NC | 5.3 | 6.3 | 3.6 | 8.2 | 9.9 | NA |
| Barium | 166 | 377 | 196 | 172 | 190 | 111 | 108 | 3 | 136 | NA | NA | NC | 244 | 136 | 111 | 172 | 125 | NA |
| Cadmium | 0.5 U | 0.5 U | 0.45 U | 0.5 U | 0.5 U | 2.3 U | 2.3 U | NC | 0.45 U | NA | NA | NC | 2.2 U | 2.5 U | 0.5 U | 0.50 U | 2.0 U | NA |
| Chromium | 12.3 | 10.3 | 12.1 | 20.7 | 15.2 | 132 | 144 | 9 | 15.8 | NA | NA | NC | 16.7 | 16.8 | 23.9 | 24.6 | 36.2 | NA |
| Lead | 127 | 171 | 270 | 85.5 | 17.7 | 201 | 516 | 88 | 21.3 | NA | NA | NC | 35.1 | 64.6 | 196 | 213 | 135 | NA |
| Mercury | 0.12 | 0.095 | 0.12 | 0.099 | 0.5 | 0.19 | 0.18 | 5 | 0.057 | NA | NA | NC | 0.11 | 0.02 U | 0.096 | 0.41 | 0.18 | NA |
| Selenium | 0.45 U | 0.5 U | 0.4 U | 0.45 U | 0.5 U | 0.45 U | 0.5 U | NC | 2.1 U | NA | NA | NC | 0.5 U | 0.5 U | 0.5 U | 2.3 U | 2.2 U | NA |
| Silver | 0.95 U | 1.0 U | 0.85 U | 0.95 U | 1.0 U | 4.6 U | 4.6 U | NC | 0.90 U | NA | NA | NC | 4.5 U | 4.5 U | 2.9 | 1.0 U | 4.1 U | NA |

U - Below Quantitation Limit or BQL; J - Detected below quantitation limit; B - Detected in Blank; NA - Not Analyzed.
RPD - Relative Percent Difference; NC - Not Calculable; (DUP IC-IS-4)# - Duplicate sample of IC-IS-4.

Table 6.1a Summary of Analytical Results in Soils, Shallow Borings, ByPass Channel Site, IHNC, New Orleans, Louisiana (CONT'D) :

| PARAMETER | IC-BS-2 | IC-BS-3 | IC-BS-3D | IC-BS-5 | IC-BS-6 | IC-BS-7 | IC-BS-8 | IC-BS-8D | IC-BS-9 | IB-3S-9D | IC-BS-10 | IC-BS-10D | IC-BS-11 | IC-MS-1 | IC-MS-3 | IC-MS-5 | IC-MS-6 | IC-IS-1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Pesticides and PCBs, ug/kg | | | | | | | | | | | | | | | | | | |
| alpha BHC | NA | NA | NA | 1.00 U | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| beta-BHC | NA | NA | NA | 1.99 U | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| delta-BHC | NA | NA | NA | 2.99 U | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| gamma-BHC (Lindane) | NA | NA | NA | 1.33 U | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Heptachlor | NA | NA | NA | 1.00 U | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Aldrin | NA | NA | NA | 1.33 U | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Heptachlor Epoxide | NA | NA | NA | 1.00 U | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Endosulfan I | NA | NA | NA | 4.64 U | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Dieldrin | NA | NA | NA | 0.66 U | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 4,4'-DDE | NA | NA | NA | 1.33 U | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Endrin | NA | NA | NA | 1.66 U | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Endosulfan II | NA | NA | NA | 1.33 U | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 4,4'-DDD | NA | NA | NA | 3.65 U | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Endosulfan Sulfate | NA | NA | NA | 21.9 U | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 4,4'-DDT | NA | NA | NA | 3.98 U | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 4,4'-Methoxychlor | NA | NA | NA | 5.64 U | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Endrin Aldehyde | NA | NA | NA | 6.63 U | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Chlordane (Technical) | NA | NA | NA | 4.64 U | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Toxaphane | NA | NA | NA | 79.6 U | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Arochlor-1016 | NA | NA | NA | 16.6 U | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Arochlor-1221 | NA | NA | NA | 16.6 U | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Arochlor-1232 | NA | NA | NA | 16.6 U | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Arochlor-1242 | NA | NA | NA | 16.6 U | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Arochlor-1248 | NA | NA | NA | 16.6 U | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Arochlor-1254 | NA | NA | NA | 33.2 U | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Arochlor-1260 | NA | NA | NA | 33.2 U | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |

| PARAMETER | IC-BS-2 | IC-BS-3 | IC-BS-3D | IC-BS-5 | IC-BS-6 | IC-BS-7 | IC-BS-8 | IC-BS-8D | IC-BS-9 | IBBS-9D | IC-BS-10 | IC-BS-10D | IC-BS-11 | IC-MS-1 | IC-MS-3 | IC-MS-5 | IC-MS-6 | IC-IS-1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chlorinated Herbicides, ug/kg | | | | | | | | | | | | | | | | | | |
| 2,4-D | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 2,4,5-TP | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 2,4,5-T | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Dinoseb | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Dalapopn | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Dicamba | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 2,4-DP (Dichlorprop) | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| MCPA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| MCPP | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |

U - Below Quantitation Limit or BQL; J - Detected below quantitation limit; B - Detected in Blank; NA - Not Analyzed.
RPD - Relative Percent Difference; NC - Not Calcula ble; (DUP IC-IS-4)# - Duplicate sample of IC-IS-4.

Table 6.1a Summary of Analytical Results in Soils, Shallow Borings, ByPass Channel Site, IHNC, New Orleans, Louisana (CONT'D):

| PARAMETER | IC-IS-2 | IC-IS-3 | IC-IS-4 | IC-IS-7 (DUP IC-IS-4)# | RPD | IC-S-5 | IC-IS-6 | IC-IS-8 | IC-DS-4 | IC-DS-6 (DUP IC-DS-4)# | RPD | IC-DS-5 | IC-DS-9 | IC-DS-11 | IC-SS-2 | IC-SS-14 (DUP IC-SS-2)# | RPD | IC-SS-3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Pesticides and PCBs, ug/kg | | | | | | | | | | | | | | | | | | |
| alpha BHC | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| beta-BHC | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| delta-BHC | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| gamma-BHC (Lindane) | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Heptachlor | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Aldrin | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Heptachlor Epoxide | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Endosulfan I | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Dieldrin | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 4,4'-DDE | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Endrin | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Endosulfan II | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 4,4'-DDD | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Endosulfan Sulfate | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 4,4'-DDT | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 4,4'-Methoxychlor | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Endrin Aldehyde | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Chlordane (Technical) | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Toxaphane | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Arochlor-1016 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Arochlor-1221 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Arochlor-1232 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Arochlor-1242 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Arochlor-1248 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Arochlor-1254 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Arochlor-1260 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |

| PARAMETER | IC-IS-2 | IC-IS-3 | IC-IS-4 | IC-IS-7 (DUP IC-IS-4)# | RPD | IC-IS-5 | IC-IS-6 | IC-IS-8 | IC-DS-4 | IC-DS-6 (DUP IC-DS-4)# | RPD | IC-DS-5 | IC-DS-9 | IC-DS-11 | IC-SS-2 | IC-SS-14 (DUP IC-SS-2)# | RPD | IC-SS-3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chlorinated Herbicides, ug/kg | | | | | | | | | | | | | | | | | | |
| 2,4-D | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 2,4,5-TP | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 2,4,5-T | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Dinoseb | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Dalapopn | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Dicamba | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| 2,4-DP (Dichlorprop) | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| MCPA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| MCPP | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |

U - Below Quantitation Limit or BQL; J - Detected below quantitation limit; B - Detected in Blank; NA - Not Analyzed.
RPD - Relative Percent Difference; NC - Not Calculable; (DUP IC-IS-4)# - Duplicate sample of IC-IS-4

Table 6.1a Summary of Analytical Results in Soils, Shallow Borings, ByPass Channel Site, IHNC, New Orleans, Louisiana (CONTD) :

| PARAMETER | IC-SS-4 | IC-SS-5 | IC-SS-6 | IC-SS-7 | IC-SS-10 | IC-SS-11 | IC-SS-13 | RPD | IC-SS-15 | IC-TS-1 | IC-TS-5 (DUP IC-TS-1)# | RPD | IC-TS-2 | IC-TS-3 | IC-TS-4 | IC-TS-6 | IC-TS-7 | IC-TS-8 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Pesticides and PCBs, ug/kg | | | | | | | | | | | | | | | | | | |
| alpha BHC | NA | NA | NA | NA | NA | NA | NA | NA | NA | 1.09 U | 1.00 U | NC | NA | NA | NA | NA | NA | NA |
| beta-BHC | NA | NA | NA | NA | NA | NA | NA | NA | NA | 1.99 U | 1.99 U | NC | NA | NA | NA | NA | NA | NA |
| delta-BHC | NA | NA | NA | NA | NA | NA | NA | NA | NA | 2.99 U | 2.99 U | NC | NA | NA | NA | NA | NA | NA |
| gamma-BHC (Lindane) | NA | NA | NA | NA | NA | NA | NA | NA | NA | 1.33 U | 1.33 U | NC | NA | NA | NA | NA | NA | NA |
| Heptachlor | NA | NA | NA | NA | NA | NA | NA | NA | NA | 1.09 U | 1.00 U | NC | NA | NA | NA | NA | NA | NA |
| Aldrin | NA | NA | NA | NA | NA | NA | NA | NA | NA | 1.33 U | 1.33 U | NC | NA | NA | NA | NA | NA | NA |
| Heptachlor Epoxide | NA | NA | NA | NA | NA | NA | NA | NA | NA | 1.09 U | 1.00 U | NC | NA | NA | NA | NA | NA | NA |
| Endosulfan I | NA | NA | NA | NA | NA | NA | NA | NA | NA | 4.64 U | 4.64 U | NC | NA | NA | NA | NA | NA | NA |
| Dieldrin | NA | NA | NA | NA | NA | NA | NA | NA | NA | 0.66 U | 0.66 U | NC | NA | NA | NA | NA | NA | NA |
| 4,4'-DDE | NA | NA | NA | NA | NA | NA | NA | NA | NA | 1.33 U | 1.33 U | NC | NA | NA | NA | NA | NA | NA |
| Endrin | NA | NA | NA | NA | NA | NA | NA | NA | NA | 1.66 U | 1.66 U | NC | NA | NA | NA | NA | NA | NA |
| Endosulfan II | NA | NA | NA | NA | NA | NA | NA | NA | NA | 1.33 U | 1.33 U | NC | NA | NA | NA | NA | NA | NA |
| 4,4'-DDD | NA | NA | NA | NA | NA | NA | NA | NA | NA | 3.65 U | 3.65 U | NC | NA | NA | NA | NA | NA | NA |
| Endosulfan Sulfate | NA | NA | NA | NA | NA | NA | NA | NA | NA | 21.9 U | 21.6 U | NC | NA | NA | NA | NA | NA | NA |
| 4,4'-DDT | NA | NA | NA | NA | NA | NA | NA | NA | NA | 3.98 U | 3.98 U | NC | NA | NA | NA | NA | NA | NA |
| 4,4'-Methoxychlor | NA | NA | NA | NA | NA | NA | NA | NA | NA | 5.84 U | 5.84 U | NC | NA | NA | NA | NA | NA | NA |
| Endrin Aldehyde | NA | NA | NA | NA | NA | NA | NA | NA | NA | 6.63 U | 6.63 U | NC | NA | NA | NA | NA | NA | NA |
| Chlordane (Technical) | NA | NA | NA | NA | NA | NA | NA | NA | NA | 4.64 U | 4.64 U | NC | NA | NA | NA | NA | NA | NA |
| Toxaphene | NA | NA | NA | NA | NA | NA | NA | NA | NA | 79.3 U | 79.6 U | NC | NA | NA | NA | NA | NA | NA |
| Arochlor-1016 | NA | NA | NA | NA | NA | NA | NA | NA | NA | 16.3 U | 16.6 U | NC | NA | NA | NA | NA | NA | NA |
| Arochlor-1221 | NA | NA | NA | NA | NA | NA | NA | NA | NA | 16.3 U | 16.6 U | NC | NA | NA | NA | NA | NA | NA |
| Arochlor-1232 | NA | NA | NA | NA | NA | NA | NA | NA | NA | 16.3 U | 16.6 U | NC | NA | NA | NA | NA | NA | NA |
| Arochlor-1242 | NA | NA | NA | NA | NA | NA | NA | NA | NA | 16.3 U | 16.6 U | NC | NA | NA | NA | NA | NA | NA |
| Arochlor-1248 | NA | NA | NA | NA | NA | NA | NA | NA | NA | 16.3 U | 16.6 U | NC | NA | NA | NA | NA | NA | NA |
| Arochlor-1254 | NA | NA | NA | NA | NA | NA | NA | NA | NA | 33.2 U | 33.2 U | NC | NA | NA | NA | NA | NA | NA |
| Arochlor-1260 | NA | NA | NA | NA | NA | NA | NA | NA | NA | 33.2 U | 33.2 U | NC | NA | NA | NA | NA | NA | NA |

| PARAMETER | IC-SS-4 | IC-SS-5 | IC-SS-6 | IC-SS-7 | IC-SS-10 | IC-SS-11 | IC-SS-13 | RPD | IC-SS-15 | IC-TS-1 | IC-TS-5 (DUP IC-TS-1)# | RPD | IC-TS-2 | IC-TS-3 | IC-TS-4 | IC-TS-6 | IC-TS-7 | IC-TS-8 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chlorinated Herbicides, ug/kg | | | | | | | | | | | | | | | | | | |
| 2,4-D | NA | NA | NA | NA | NA | NA | NA | NA | NA | 3.33 U | 3.33 U | NC | NA | NA | NA | NA | NA | NA |
| 2,4,5-TP | NA | NA | NA | NA | NA | NA | NA | NA | NA | 12.5 U | 12.5 U | NC | NA | NA | NA | NA | NA | NA |
| 2,4,5-T | NA | NA | NA | NA | NA | NA | NA | NA | NA | 13.3 U | 13.3 U | NC | NA | NA | NA | NA | NA | NA |
| Dinoseb | NA | NA | NA | NA | NA | NA | NA | NA | NA | 16.1 U | 16.1 U | NC | NA | NA | NA | NA | NA | NA |
| Dalapopn | NA | NA | NA | NA | NA | NA | NA | NA | NA | 216 U | 216 U | NC | NA | NA | NA | NA | NA | NA |
| Dicamba | NA | NA | NA | NA | NA | NA | NA | NA | NA | 13.5 U | 13.5 U | NC | NA | NA | NA | NA | NA | NA |
| 2,4-DP (Dichlorprop) | NA | NA | NA | NA | NA | NA | NA | NA | NA | 43.3 U | 43.3 U | NC | NA | NA | NA | NA | NA | NA |
| MCPA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 4160 U | 4160 U | NC | NA | NA | NA | NA | NA | NA |
| MCPP | NA | NA | NA | NA | NA | NA | NA | NA | NA | 3330 U | 3330 U | NC | NA | NA | NA | NA | NA | NA |

U - Below Quantitation Limit or BQL; J - Detected below quantitation limit; B - Detected in Blank; NA - Not Analyzed.
RPD - Relative Percent Difference; NC - Not Calcula ble; (DUP IC-IS-4)# - Duplicate sample of IC-B-4.

Table 6-1b. Summary of Analytical Results: Phase II Soil Samples, Deep Soil Borings, ByPass Channel Site, IHNC, New Orleans, Louisiana

| PARAMETER : | IC-1-1 (1.1'-1.7')* | IC-1A-2 (6.8'-7.4') | IC-1A-3 (9.0'-10.9') | IC-1A-4 (15.5'-16.0') | IC-1A-5 (18.5'-19.0') | IC-1A-6 (24.0'-24.5') | IC-1A-7 (36.2'-38.7') | IC-2-1 (0.5'-0.8') | IC-2-6 (DUP IC-2-1)# | RPD | IC-2-2 (1.2'-1.7') | IC-2-3 (6.0'-6.5') | IC-2-4 (22.0'-22.5') | IC-2-5 (28.8'-29.3') | IC-2-6 (34.3'-34.7') |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| VOLATILES, ug/kg | | | | | | | | | | | | | | | |
| Acrolein | 50U | 50U | 50U | 50U | 50U | 50U | 50U | 250U | 250U | NC | 50U | 50U | 50U | 50U | 50U |
| Acrylonitrile | 50U | 50U | 50U | 50U | 50U | 50U | 50U | 250U | 250U | NC | 50U | 50U | 50U | 50U | 50U |
| Chloromethane (Methyl Chloride) | 10U | 10U | 10U | 10U | 10U | 10U | 10U | 50U | 50U | NC | 10U | 10U | 10U | 10U | 10U |
| Bromomethane | 10U | 10U | 10U | 10U | 10U | 10U | 10U | 50U | 50U | NC | 10U | 10U | 10U | 10U | 10U |
| Vinyl Chloride (Chloroethylene) | 10U | 10U | 10U | 10U | 10U | 10U | 10U | 50U | 50U | NC | 10U | 10U | 10U | 10U | 10U |
| Chloroethane | 10U | 10U | 10U | 10U | 10U | 10U | 10U | 50U | 50U | NC | 10U | 10U | 10U | 10U | 10U |
| Methylene Chloride (Dichloromethane) | 50B | 46B | 23B | 51B | 20B | 58B | 17B | 70B | 40B | 54.6 | 25B | 84B | 32B | 20B | 10B |
| 1,1-Dichloroethene | 5U | 5U | 5U | 5U | 5U | 5U | 5U | 25U | 25U | NC | 5U | 5U | 5U | 5U | 5U |
| 1,1-Dichloroethane | 5U | 5U | 5U | 5U | 5U | 5U | 5U | 25U | 25U | NC | 5U | 5U | 5U | 5U | 5U |
| 1,2-Dichloroethene (total) | 5U | 5U | 5U | 5U | 5U | 5U | 5U | 25U | 25U | NC | 5U | 5U | 5U | 5U | 5U |
| Trichlorofluoromethane | 5U | 5U | 5U | 5U | 5U | 5U | 5U | 25U | 25U | NC | 5U | 5U | 5U | 5U | 5U |
| Chloroform (Trichloromethane,TCM) | 5U | 5U | 5U | 5U | 5U | 5U | 5U | 35 | 25U | NC | 5U | 5U | 5U | 5U | 5U |
| 1,2-Dichloroethane (EDC) | 5U | 7 | 5U | 5U | 5U | 5U | 5U | 25U | 25U | NC | 5U | 5U | 5U | 5U | 5U |
| 1,1,1-Trichloroethane (TCA) | 5U | 5U | 5U | 5U | 5U | 5U | 5U | 25U | 25U | NC | 5U | 5U | 5U | 5U | 5U |
| Carbon Tetrachloride (Tetrachloromethane,TeCM) | 5U | 5U | 5U | 5U | 5U | 5U | 5U | 25U | 25U | NC | 5U | 5U | 5U | 5U | 5U |
| Bromodichloromethane | 5U | 5U | 5U | 5U | 5U | 5U | 5U | 25U | 25U | NC | 5U | 5U | 5U | 5U | 5U |
| 1,2-Dichloropropane | 5U | 5U | 5U | 5U | 5U | 5U | 5U | 25U | 25U | NC | 5U | 5U | 5U | 5U | 5U |
| trans-1,3-Dichloropropene | 5U | 5U | 5U | 5U | 5U | 5U | 5U | 25U | 25U | NC | 5U | 5U | 5U | 5U | 5U |
| Trichloroethene (Trichloroethylene,TCE) | 5U | 7 | 5U | 5U | 5U | 7 | 5U | 25U | 25U | NC | 5U | 5U | 5U | 5U | 5U |
| Dibromochloromethane | 5U | 5U | 5U | 5U | 5U | 5U | 5U | 25U | 25U | NC | 5U | 5U | 5U | 5U | 5U |
| 1,1,2-Trichloroethane | 5U | 5U | 5U | 5U | 5U | 5U | 5U | 25U | 25U | NC | 5U | 5U | 5U | 5U | 5U |
| Benzene | 5U | 5U | 5U | 5U | 5U | 5U | 5U | 25U | 25U | NC | 5U | 5U | 5U | 5U | 5U |
| cis-1,3-Dichloropropene | 5U | 5U | 5U | 5U | 5U | 5U | 5U | 25U | 25U | NC | 5U | 5U | 5U | 5U | 5U |
| Bromoform (Tribromomethane) | 5U | 5U | 5U | 5U | 5U | 5U | 5U | 25U | 25U | NC | 5U | 5U | 5U | 5U | 5U |
| Tetrachloroethene (Perchloroethene, TeCE) | 5U | 5U | 5U | 5U | 5U | 5U | 5U | 25U | 25U | NC | 5U | 5U | 5U | 5U | 5U |
| 1,1,2,2-Tetrachloroethane | 5U | 5U | 5U | 5U | 5U | 5U | 5U | 25U | 25U | NC | 5U | 5U | 5U | 5U | 5U |
| Toluene | 6 | 19 | 5U | 9 | 5U | 16 | 5U | 210 | 55 | 117 | 5U | 5U | 5 | 5U | 5U |
| Chlorobenzene | 5U | 5U | 5U | 5U | 5U | 5U | 5U | 25U | 25U | NC | 5U | 5U | 5U | 5U | 5U |
| Ethylberzene | 5U | 6 | 5U | 5U | 5U | 5U | 5U | 3000 | 1000 | 100 | 5U | 5U | 5U | 5U | 5U |
| 2-Chloroethylvinyl ether (1) | 10U | 10U | 10U | 10U | 10U | 10U | 10U | 50U | 50U | NC | 10U | 10U | 10U | 10U | 10U |
| 1,2-Dichlorobenzene | 5U | 5U | 5U | 5U | 5U | 5U | 5U | 25U | 25U | NC | 5U | 5U | 5U | 5U | 5U |
| 1,3-Dichlorobenzene | 5U | 5U | 5U | 5U | 5U | 5U | 5U | 25U | 25U | NC | 5U | 5U | 5U | 5U | 5U |
| 1,4-Dichlorobenzene | 5U | 5U | 5U | 5U | 5U | 5U | 5U | 25U | 25U | NC | 5U | 5U | 5U | 5U | 5U |
| Acetone | 20 | 41 | 14 | 94 | 16 | 78 | 11 | 2900 | 200 | 174 | 10U | 13 | 200 | 100 | 10U |
| Carbon Disulfide | 5U | 5U | 5U | 5 | 5U | 5U | 5U | 25U | 25U | NC | 5U | 5U | 5U | 5U | 5U |
| 2-Butanone | 10U | 16 | 10U | 19 | 10U | 30 | 10U | 320 | 170 | 61.2 | 10U | 10U | 52 | 35 | 10U |
| Vinyl Acetate | 10U | 10U | 10U | 10U | 10U | 10U | 10U | 50U | 50U | NC | 10U | 10U | 10U | 10U | 10U |
| 2-Hexanone | 10U | 10U | 10U | 10U | 10U | 10U | 10U | 50U | 50U | NC | 10U | 10U | 10U | 10U | 10U |
| 4-Methyl-2-Pentanone | 10U | 10U | 10U | 10U | 10U | 10U | 10U | 50U | 50U | NC | 10U | 10U | 10U | 10U | 10U |
| Styrene | 5U | 5U | 5U | 5U | 5U | 5U | 5U | 25U | 25U | NC | 5U | 5U | 5U | 5U | 5U |
| Xylene (total) | 5U | 5U | 5U | 5U | 5U | 5U | 5U | 24000 | 6300 | 200 | 5U | 5U | 5U | 5U | 5U |

(1) Known to Hydrolyze in Presence of Dilute Acid

U - Below Quantitation Limit (BQL); J - Detected below quantitation limit; B - Detected in Blank; NA - Not Analyzed.

* (1.1' - 1.7') - depth of sample from top of ground; # (DUP IC-2-1) - sample duplicate of IC-2-1; NC - not calculable; RPD - Relative Percent Difference.

Table 6-1b. Summary of Analytical Results: Phase II Soil Samples, Deep Soil Borings, ByPass Channel Site, IHNC, New Orleans, Louisiana (CONT'D):

| PARAMETER : | IC-2-7 (38.5'-40.0') | IC-3-1 (1.5'-1.75') | IC-3-2 (6.0'-6.5) | IC-3-3 (8.5'-9.0') | IC-3-4 (13.5'-14.0') | IC-3-5 (24.4'-24.5') | IC-3-6 (36.0'-36.5') | IC-3-7 (DUP IC-3-6)# | RPD | IC-4-1 (0.3'-0.8') | IC-4-2 (5.0'-5.5') | IC-4-3 (10.5'-11.0') | IC-4-4 (25.0'-25.5) | IC-4-5 (39.0'-39.5') |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| VOLATILES, ug/kg | | | | | | | | | | | | | | |
| Acrolein | 50U | 50U | 50U | 50U | 50U | 50U | 50U | 50U | NC | 50U | 50U | 50U | 50U | 50U |
| Acrylonitrile | 50U | 50U | 50U | 50U | 50U | 50U | 50U | 50U | NC | 50U | 50U | 50U | 50U | 50U |
| Chloromethane (Methyl Chloride) | 10U | 10U | 10U | 10U | 10U | 10U | 10U | 10U | NC | 10U | 10U | 10U | 10U | 10U |
| Bromomethane | 10U | 10U | 10U | 10U | 10U | 10U | 10U | 10U | NC | 10U | 10U | 10U | 10U | 10U |
| Vinyl Chloride (Chloroethylene) | 10U | 10U | 10U | 10U | 10U | 10U | 10U | 10U | NC | 10U | 10U | 10U | 10U | 10U |
| Chloroethane | 10U | 10U | 10U | 10U | 10U | 10U | 10U | 10U | NC | 10U | 10U | 10U | 10U | 10U |
| Methylene Chloride (Dichloromethane) | 11B | 14B | 17B | 10B | 13B | 12B | 15B | 14B | 6.9 | 11B | 8B | 10B | 12B | 8B |
| 1,1-Dichloroethene | 5U | 5U | 5U | 5U | 5U | 5U | 5U | 5U | NC | 5U | 5U | 5U | 5U | 5U |
| 1,1-Dichloroethane | 5U | 5U | 5U | 5U | 5U | 5U | 5U | 5U | NC | 5U | 5U | 5U | 5U | 5U |
| 1,2-Dichloroethene (total) | 5U | 5U | 5U | 5U | 5U | 5U | 5U | 5U | NC | 5U | 5U | 5U | 5U | 5U |
| Trichlorofluoromethane | 5U | 5U | 5U | 5U | 5U | 5U | 5U | 5U | NC | 5U | 5U | 5U | 5U | 5U |
| Chloroform (Trichloromethane,TCM) | 5U | 5U | 5U | 5U | 5U | 5U | 5U | 5U | NC | 5U | 5U | 5U | 5U | 5U |
| 1,2-Dichloroethane (EDC) | 5U | 5U | 5U | 5U | 5U | 5U | 5U | 5U | NC | 5U | 5U | 5U | 5U | 5U |
| 1,1,1-Trichloroethane (TCA) | 5U | 5U | 5U | 5U | 5U | 5U | 5U | 5U | NC | 5U | 5U | 5U | 5U | 5U |
| Carbon Tetrachloride (Tetrachloromethane,TeCM) | 5U | 5U | 5U | 5U | 5U | 5U | 5U | 5U | NC | 5U | 5U | 5U | 5U | 5U |
| Bromodichloromethane | 5U | 5U | 5U | 5U | 5U | 5U | 5U | 5U | NC | 5U | 5U | 5U | 5U | 5U |
| 1,2-Dichloropropane | 5U | 5U | 5U | 5U | 5U | 5U | 5U | 5U | NC | 5U | 5U | 5U | 5U | 5U |
| trans-1,3-Dichloropropene | 5U | 5U | 5U | 5U | 5U | 5U | 5U | 5U | NC | 5U | 5U | 5U | 5U | 5U |
| Trichloroethene (Trichloroethylene,TCE) | 5U | 5U | 5U | 5U | 5U | 5U | 5U | 5U | NC | 5U | 5U | 5U | 5U | 5U |
| Dibromochloromethane | 5U | 5U | 5U | 5U | 5U | 5U | 5U | 5U | NC | 5U | 5U | 5U | 5U | 5U |
| 1,1,2-Trichloroethane | 5U | 5U | 5U | 5U | 5U | 5U | 5U | 5U | NC | 5U | 5U | 5U | 5U | 5U |
| Benzene | 5U | 5U | 5U | 5U | 5U | 5U | 5U | 5U | NC | 5U | 5U | 5U | 5U | 5U |
| cis-1,3-Dichloropropene | 5U | 5U | 5U | 5U | 5U | 5U | 5U | 5U | NC | 5U | 5U | 5U | 5U | 5U |
| Bromoform (Tribromomethane) | 5U | 5U | 5U | 5U | 5U | 5U | 5U | 5U | NC | 5U | 5U | 5U | 5U | 5U |
| Tetrachloroethene (Perchloroethene, TeCE) | 5U | 5U | 5U | 5U | 5U | 5U | 5U | 5U | NC | 5U | 5U | 5U | 5U | 5U |
| 1,1,2,2-Tetrachloroethane | 5U | 5U | 5U | 5U | 5U | 5U | 5U | 5U | NC | 5U | 5U | 5U | 5U | 5U |
| Toluene | 5U | 5 | 5U | 5U | 5U | 5U | 5U | 5U | NC | 5U | 5U | 5U | 5U | 5U |
| Chlorobenzene | 5U | 5U | 5U | 5U | 5U | 5U | 5U | 5U | NC | 5U | 5U | 5U | 5U | 5U |
| Ethylbenzene | 5U | 5U | 5U | 5U | 5U | 5U | 5U | 5U | NC | 5U | 5U | 5U | 5U | 5U |
| 2-Chloroethylvinyl ether (1) | 10U | 10U | 10U | 10U | 10U | 10U | 10U | 10U | NC | 10U | 10U | 10U | 10U | 10U |
| 1,2-Dichlorobenzene | 5U | 5U | 5U | 5U | 5U | 5U | 5U | 5U | NC | 5U | 5U | 5U | 5U | 5U |
| 1,3-Dichlorobenzene | 5U | 5U | 5U | 5U | 5U | 5U | 5U | 5U | NC | 5U | 5U | 5U | 5U | 5U |
| 1,4-Dichlorobenzene | 5U | 5U | 5U | 5U | 5U | 5U | 5U | 5U | NC | 5U | 5U | 5U | 5U | 5U |
| Acetone | 20 | 11 | 10U | 93 | 10U | 16 | 10 | 10U | NC | 19 | 10U | 60 | 10U | 12 |
| Carbon Disulfide | 5U | 5U | 33 | 5U | 5U | 5U | 5U | 5U | NC | 5U | 5U | 5U | 5U | 5U |
| 2-Butanone | 12 | 10U | 10U | 1900 | 10U | 10U | 22 | 10U | NC | 10U | 10U | 10U | 10U | 10U |
| Vinyl Acetate | 10U | 10U | 10U | 10U | 10U | 10U | 10U | 10U | NC | 10U | 10U | 10U | 10U | 10U |
| 2-Hexanone | 10U | 10U | 10U | 10U | 10U | 10U | 10U | 10U | NC | 10U | 10U | 10U | 10U | 10U |
| 4-Methyl-2-Pentanone | 10U | 10U | 10U | 10U | 10U | 10U | 10U | 10U | NC | 10U | 10U | 10U | 10U | 10U |
| Styrene | 5U | 5U | 5U | 5U | 5U | 5U | 5U | 5U | NC | 5U | 5U | 5U | 5U | 5U |
| Xylene (total) | 5U | 5U | 5U | 5U | 5U | 5U | 5U | 5U | NC | 5U | 5U | 5U | 5U | 5U |

(1) Known to Hydrolyze in Presence of Dilute Acid

U - Below Quantitation Limit (BQL); J - Detected below quantitation limit; B - Detected in Blank; NA - Not Analyzed.

* (1.1' - 1.7') - depth of sample from top of ground; # (DUP IC-2-1) - sample duplicate of IC-2-1; NC - not calculable; RPD - Relative Percent Difference.

Table 6-1b. Summary of Analytical Results: Phase II Soil Samples, Deep Soil Borings, ByPass Channel Site, IHNC, New Orleans, Louisiana (CONT'D):

| PARAMETER : | IC-5-1 (0.5'-1.3') | IC-5-2 (DUP IC-5-1)# | RPD | IC-5-3 (8.5'-9.5') | IC-5-4 (11.5'-12.5') | IC-5A-5 (23.0'-24.0') | IC-5A-6 (39.3'-40.1') | IC-6-1 (2.0-3.0) | IC-6-2 (6.0'-7.0') | IC-6-3 (12.0'-13.0') | IC-6-4 (15.5'-16.5') | IC-6-5 (DUP IC-6-4)# | RPD | IC-6-6 (30.0'-30.4') |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| VOLATILES, ug/kg | | | | | | | | | | | | | | |
| Acrolein | 50U | 50U | NC | 50U | 50U | 50U | 50U | 50U | 50U | 50U | 50U | 50J | NC | 50U |
| Acrylonitrile | 50U | 50U | NC | 50U | 50U | 50U | 50U | 50U | 50U | 50U | 50U | 50J | NC | 50U |
| Chloromethane (Methyl Chloride) | 10U | 10U | NC | 10U | 10U | 10U | 10U | 10U | 10U | 10U | 10U | 10J | NC | 10U |
| Bromomethane | 10U | 10U | NC | 10U | 10U | 10U | 10U | 10U | 10U | 10U | 10U | 10J | NC | 10U |
| Vinyl Chloride (Chloroethylene) | 10U | 10U | NC | 10U | 10U | 10U | 10U | 10U | 10U | 10U | 10U | 10J | NC | 10U |
| Chloroethane | 10U | 10U | NC | 10U | 10U | 10U | 10U | 10U | 10U | 10U | 10U | 10J | NC | 10U |
| Methylene Chloride (Dichloromethane) | 14B | 11B | 24 | 20B | 21B | 55B | 40 | 39B | 18B | 75B | 5U | 26B | NC | 24B |
| 1,1-Dichloroethene | 5U | 5U | NC | 5U | 5U | 5U | 5U | 5U | 5U | 5U | 5U | 5U | NC | 5U |
| 1,1-Dichloroethane | 5U | 5U | NC | 5U | 5U | 5U | 5U | 5U | 5U | 5U | 5U | 5U | NC | 5U |
| 1,2-Dichloroethene (total) | 5U | 5U | NC | 5U | 5U | 5U | 5U | 5U | 5U | 5U | 5U | 5U | NC | 5U |
| Trichlorofluoromethane | 5U | 5U | NC | 5U | 5U | 5U | 5U | 5U | 5U | 5U | 5U | 5U | NC | 5U |
| Chloroform (Trichloromethane,TCM) | 5U | 5U | NC | 5U | 5U | 5U | 5U | 5U | 5U | 5U | 5U | 5U | NC | 5U |
| 1,2-Dichloroethane (EDC) | 5U | 5U | NC | 5U | 5U | 5U | 5U | 5U | 5U | 15 | 5U | 5U | NC | 5U |
| 1,1,1-Trichloroethane (TCA) | 5U | 5U | NC | 5U | 5U | 5U | 5U | 5U | 5U | 5U | 5U | 5U | NC | 5U |
| Carbon Tetrachloride (Tetrachloromethane,TeCM) | 5U | 5U | NC | 5U | 5U | 5U | 5U | 5U | 5U | 5U | 5U | 5U | NC | 5U |
| Bromodichloromethane | 5U | 5U | NC | 5U | 5U | 5U | 5U | 5U | 5U | 5U | 5U | 5U | NC | 5U |
| 1,2-Dichloropropane | 5U | 5U | NC | 5U | 5U | 5U | 5U | 5U | 5U | 5U | 5U | 5U | NC | 5U |
| trans-1,3-Dichloropropene | 5U | 5U | NC | 5U | 5U | 5U | 5U | 5U | 5U | 5U | 5U | 5U | NC | 5U |
| Trichloroethene (Trichloroethylene,TCE) | 5U | 5U | NC | 5U | 5U | 5U | 5U | 5U | 5U | 16 | 5U | 5U | NC | 5U |
| Dibromochloromethane | 5U | 5U | NC | 5U | 5U | 5U | 5U | 5U | 5U | 5U | 5U | 5U | NC | 5U |
| 1,1,2-Trichloroethane | 5U | 5U | NC | 5U | 5U | 5U | 5U | 5U | 5U | 5 | 5U | 5U | NC | 5U |
| Benzene | 5U | 5U | NC | 5U | 5U | 5U | 5U | 5U | 5U | 5U | 5U | 5U | NC | 5U |
| cis-1,3-Dichloropropene | 5U | 5U | NC | 5U | 5U | 5U | 5U | 5U | 5U | 5U | 5U | 5U | NC | 5U |
| Bromoform (Tribromomethane) | 5U | 5U | NC | 5U | 5U | 5U | 5U | 5U | 5U | 5U | 5U | 5U | NC | 5U |
| Tetrachloroethene (Perchloroethene, TeCE) | 5U | 5U | NC | 5U | 5U | 5U | 5U | 5U | 5U | 8 | 5U | 5U | NC | 5U |
| 1,1,2,2-Tetrachloroethane | 5U | 5U | NC | 5U | 5U | 5U | 5U | 5U | 5U | 5U | 5U | 5U | NC | 5U |
| Toluene | 5U | 5U | NC | 5U | 13 | 9 | 5U | 8 | 5U | 60 | 5U | 5 | NC | 5U |
| Chlorobenzene | 5U | 5U | NC | 5U | 5U | 5U | 5U | 5U | 5U | 5U | 5U | 5U | NC | 5U |
| Ethylbenzene | 5U | 5U | NC | 5U | 9 | 5U | 5U | 5U | 5U | 23 | 5U | 5U | NC | 5U |
| 2-Chloroethylvinyl ether (1) | 10U | 10U | NC | 10U | 10U | 10U | 10U | 10U | 10U | 10U | 10U | 10J | NC | 10U |
| 1,2-Dichlorobenzene | 5U | 5U | NC | 5U | 5U | 5U | 5U | 5U | 5U | 5U | 5U | 5U | NC | 5U |
| 1,3-Dichlorobenzene | 5U | 5U | NC | 5U | 5U | 5U | 5U | 5U | 5U | 5U | 5U | 5U | NC | 5U |
| 1,4-Dichlorobenzene | 5U | 5U | NC | 5U | 5U | 5U | 5U | 5U | 5U | 5U | 5U | 5U | NC | 5U |
| Acetone | 10U | 24 | NC | 26 | 53 | 200 | 12 | 10U | 73 | 190 | 10U | 10J | NC | 10U |
| Carbon Disulfide | 5U | 5U | NC | 5U | 5U | 5U | 5U | 5U | 5U | 9 | 5U | 5U | NC | 5U |
| 2-Butanone | 10U | 10U | NC | 10U | 30 | 62 | 10U | 10U | 10U | 10U | 10U | 30 | NC | 14 |
| Vinyl Acetate | 10U | 10U | NC | 10U | 10U | 10U | 10U | 10U | 10U | 10U | 10U | 10J | NC | 10U |
| 2-Hexanone | 10U | 10U | NC | 10U | 10U | 10U | 10U | 10U | 10U | 10U | 10U | 10J | NC | 10U |
| 4-Methyl-2-Pentanone | 10U | 10U | NC | 10U | 10U | 10U | 10U | 10U | 10U | 10U | 10U | 10J | NC | 10U |
| Styrene | 5U | 5U | NC | 5U | 5U | 5U | 5U | 5U | 5U | 5U | 5U | 5U | NC | 5U |
| Xylene (total) | 5U | 5U | NC | 5U | 5U | 5U | 5U | 5U | 5U | 11 | 5U | 5U | NC | 5U |

(1) Known to Hydrolyze in Presence of Dilute Acid

U - Below Quantitation Limit (BQL); J - Detected below quantitation limit; B - Detected in Blank; NA - Not Analyzed.

* (1.1' - 1.7') - depth of sample from top of ground; # (DUP IC-2-1) - sample duplicate of IC-2-1; NC - not calcuable; RPD - Relative Percent Difference.

Table 6-1b. Summary of Analytical Results: Phase II Soil Samples, Deep Soil Borings, ByPass Channel Site, IHNC, New Orleans, Louisiana (CONT'D):

| PARAMETER | IC-1-1 (1.1'- 1.7')* | IC-1A-2 (6.8'- 7.4') | IC-1A-3 (9.0- 10.6) | IC-1A-4 (15.5'- 16.0') | IC-1A-5 (18.5'- 19.0') | IC-1A-6 24.0'- 24.5') | IC-1A-7 (38.2'- 38.7') | IC-2-1 (0.5'- 0.8') | IC-2-6 (DUP IC-2-1)# | RPD | IC-2-2 (1.2'- 1.7') | IC-2-3 (6.0'- 6.5') | IC-2-4 (22.0'- 22.5') | IC-2-5 (28.8'- 29.3') | IC-2-6 (34.3'- 34.7') |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SEMI-VOLATILES, ug/kg | | | | | | | | | | | | | | | |
| Base/Neutral Extractable Compounds | | | | | | | | | | | | | | | |
| Benzidine | 830U | 830U | 830U | 830U | 830U | 830U | 830U | 50U | 50U | NC | 830U | 830U | 830U | 830U | 830U |
| bis(2-Chloroethyl)ether | 170U | 170U | 170U | 170U | 170U | 170U | 170U | 10U | 10U | NC | 170U | 170U | 170U | 170U | 170U |
| 1,3-Dichlorobenzene | 170U | 170U | 170U | 170U | 170U | 170U | 170U | 10U | 10U | NC | 170U | 170U | 170U | 170U | 170U |
| 1,4-Dichlorobenzene | 170U | 170U | 170U | 170U | 170U | 170U | 170U | 10U | 10U | NC | 170U | 170U | 170U | 170U | 170U |
| 1,2-Dichlorobenzene | 170U | 170U | 170U | 170U | 170U | 170U | 170U | 10U | 10U | NC | 170U | 170U | 170U | 170U | 170U |
| bis(2-Chloroisopropyl)ether | 170U | 170U | 170U | 170U | 170U | 170U | 170U | 10U | 10U | NC | 170U | 170U | 170U | 170U | 170U |
| N-Nitroso-di-n-propylamine | 170U | 170U | 170U | 170U | 170U | 170U | 170U | 10U | 10U | NC | 170U | 170U | 170U | 170U | 170U |
| Hexachloroethane | 170U | 170U | 170U | 170U | 170U | 170U | 170U | 10U | 10U | NC | 170U | 170U | 170U | 170U | 170U |
| Nitrobenzene | 170U | 170U | 170U | 170U | 170U | 170U | 170U | 10U | 10U | NC | 170U | 170U | 170U | 170U | 170U |
| Isophorone | 170U | 170U | 170U | 170U | 170U | 170U | 170U | 10U | 10U | NC | 170U | 170U | 170U | 170U | 170U |
| bis(2-Chloroethoxyl)ether | 170U | 170U | 170U | 170U | 170U | 170U | 170U | 10U | 10U | NC | 170U | 170U | 170U | 170U | 170U |
| 1,2,4-Trichlorobenzene | 170U | 170U | 170U | 170U | 170U | 170U | 170U | 10U | 10U | NC | 170U | 170U | 170U | 170U | 170U |
| Naphtalene | 170U | 170U | 170U | 170U | 170U | 170U | 170U | 10U | 10U | NC | 170U | 170U | 170U | 170U | 170U |
| Hexachlorobutadiene | 170U | 170U | 170U | 170U | 170U | 170U | 170U | 10U | 10U | NC | 170U | 170U | 170U | 170U | 170U |
| Hexachlorocyclopentadiene | 170U | 170U | 170U | 170U | 170U | 170U | 170U | 10U | 10U | NC | 170U | 170U | 170U | 170U | 170U |
| 2-Chloronaphthalene | 170U | 170U | 170U | 170U | 170U | 170U | 170U | 10U | 10U | NC | 170U | 170U | 170U | 170U | 170U |
| Dimethylphthalate | 170U | 170U | 170U | 170U | 170U | 170U | 170U | 10U | 10U | NC | 170U | 170U | 170U | 170U | 170U |
| 2,6-Dinitrotoluene | 170U | 170U | 170U | 170U | 170U | 170U | 170U | 10U | 10U | NC | 170U | 170U | 170U | 170U | 170U |
| Acenaphthylene | 170U | 170U | 170U | 170U | 170U | 170U | 170U | 10U | 10U | NC | 170U | 170U | 170U | 170U | 170U |
| Acenaphthene | 170U | 170U | 170U | 170U | 170U | 170U | 170U | 10U | 10U | NC | 170U | 170U | 170U | 170U | 170U |
| 2,4-Dinitrotoluene | 170U | 170U | 170U | 170U | 170U | 170U | 170U | 10U | 10U | NC | 170U | 170U | 170U | 170U | 170U |
| Diethylphthalate | 170U | 170U | 170U | 170U | 170U | 170U | 170U | 26 | 37 | 34.9 | 170U | 170U | 170U | 170U | 170U |
| 4-Chlorophenyl-phenylether | 170U | 170U | 170U | 170U | 170U | 170U | 170U | 10U | 10U | NC | 170U | 170U | 170U | 170U | 170U |
| Fluorene | 170U | 170U | 170U | 170U | 170U | 170U | 170U | 10U | 10U | NC | 170U | 170U | 170U | 170U | 170U |
| N-Nitrosodiphenylamine (1) | 170U | 170U | 170U | 170U | 170U | 170U | 170U | 10U | 10U | NC | 170U | 170U | 170U | 170U | 170U |
| 4-Bromophenyl-phenylether | 170U | 170U | 170U | 170U | 170U | 170U | 170U | 10U | 10U | NC | 170U | 170U | 170U | 170U | 170U |
| Hexachlorobenzene | 170U | 170U | 170U | 170U | 170U | 170U | 170U | 10U | 10U | NC | 170U | 170U | 170U | 170U | 170U |
| Phenanthrene | 160 | 170U | 170U | 170U | 170U | 170U | 170U | 10U | 10U | NC | 170U | 170U | 170U | 170U | 170U |
| Anthracene | 170U | 170U | 170U | 170U | 170U | 170U | 170U | 10U | 10U | NC | 170U | 170U | 170U | 170U | 170U |
| Pyrene | 330 | 170U | 170U | 170U | 170U | 170U | 170U | 10U | 10U | NC | 170U | 170U | 170U | 170U | 170U |
| Di-n-butylphthalate | 170U | 170U | 170U | 170U | 170U | 170U | 170U | 10U | 10U | NC | 170U | 170U | 170U | 170U | 170U |
| Fluoranthene | 310 | 170U | 170U | 170U | 170U | 170U | 170U | 10U | 10U | NC | 170U | 170U | 170U | 170U | 170U |
| Butylbenzylphthalate | 170U | 170U | 170U | 170U | 170U | 170U | 170U | 10U | 10U | NC | 170U | 170U | 170U | 170U | 170U |
| 3,3'-Dichlorobenzidine | 330U | 330U | 330U | 330U | 330U | 330U | 330U | 20U | 20U | NC | 330U | 330U | 330U | 330U | 330U |
| Benzo(a)anthracene | 170U | 170U | 170U | 170U | 170U | 170U | 170U | 10U | 10U | NC | 170U | 170U | 170U | 170U | 170U |
| bis(2-Ethylhexyl)phthalate | 170U | 170U | 170U | 170U | 170U | 170U | 170U | 230 | 300 | 16.9 | 380 | 170U | 8200 | 170U | 170U |
| Chrysene | 220 | 170U | 170U | 170U | 170U | 170U | 170U | 10U | 10U | NC | 170U | 170U | 170U | 170U | 170U |
| Di-n-octylphthalate | 170U | 170U | 170U | 170U | 170U | 170U | 170U | 10U | 10U | NC | 170U | 170U | 170U | 170U | 170U |
| Benzo(b)fluoranthene | 240 | 170U | 170U | 170U | 170U | 170U | 170U | 10U | 10U | NC | 170U | 170U | 170U | 170U | 170U |
| N-Nitrosodimethylamine | 170U | 170U | 170U | 170U | 170U | 170U | 170U | 10U | 10U | NC | 170U | 170U | 170U | 170U | 170U |
| 1,2-Diphenylhydrazine (2) | 170U | 170U | 170U | 170U | 170U | 170U | 170U | 10U | 10U | NC | 170U | 170U | 170U | 170U | 170U |
| Benzo(k)fluoranthene | 170U | 170U | 170U | 170U | 170U | 170U | 170U | 10U | 10U | NC | 170U | 170U | 170U | 170U | 170U |
| Benzo(a)pyrene | 200 | 170U | 170U | 170U | 170U | 170U | 170U | 10U | 10U | NC | 170U | 170U | 170U | 170U | 170U |
| Indeno(1,2,3-cd)pyrene | 170U | 170U | 170U | 170U | 170U | 170U | 170U | 10U | 10U | NC | 170U | 170U | 170U | 170U | 170U |
| Dibenz(a,h)anthracene | 170U | 170U | 170U | 170U | 170U | 170U | 170U | 10U | 10U | NC | 170U | 170U | 170U | 170U | 170U |
| Benzo(g,h,i)perylene | 170U | 170U | 170U | 170U | 170U | 170U | 170U | 10U | 10U | NC | 170U | 170U | 170U | 170U | 170U |
| Benzyl alcohol | 170U | 170U | 170U | 170U | 170U | 170U | 170U | 10U | 10U | NC | 170U | 170U | 170U | 170U | 170U |

Table 6-1b. Summary of Analytical Results: Phase II Soil Samples Deep Soil Borings, ByPass Channel Site, IHNC, New Orleans, Louisiana (CONT'D):

| PARAMETER | IC-1-1 (1.1'- 1.7')* | IC-1A-2 (6.8'- 7.4') | IC-1A-3 (9.0'- 10.9') | IC-1A-4 (15.5'- 16.0') | IC-1A-5 (18.5'- 19.0') | IC-1A-6 (24.0'- 24.5') | IC-1A-7 (38.2'- 38.7') | IC-2-1 (0.5'- 0.8) | IC-2-8 (DUP IC-2-1)# | RPD | IC-2-2 (1.2'- 1.7') | IC-2-3 (6.0'- 6.5') | IC-2-4 (22.0'- 22.5') | IC-2-5 (28.8'- 29.3') | IC-2-6 (34.3'- 34.7') |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SEMI-VOLATILES, ug/kg | | | | | | | | | | | | | | | |
| Base/Neutral Extractable Compounds | | | | | | | | | | | | | | | |
| 4-Chloroaniline | 170U | 170U | 170U | 170U | 170U | 170U | 170U | 10U | 10U | NC | 170U | 170U | 170U | 170U | 170U |
| Dibenzofuran | 170U | 170U | 170U | 170U | 170U | 170U | 170U | 10U | 10U | NC | 170U | 170U | 200 | 170U | 170U |
| 2-Methylnaphthalene | 170U | 170U | 170U | 170U | 170U | 170U | 170U | 10U | 10U | NC | 170U | 170U | 170U | 170U | 170U |
| 2-Nitroaniline | 830U | 830U | 830U | 830U | 830U | 830U | 830U | 50U | 50U | NC | 830U | 830U | 830U | 830U | 830U |
| 3-Nitroaniline | 830U | 830U | 830U | 830U | 830U | 830U | 830U | 50U | 50U | NC | 830U | 830U | 830U | 830U | 830U |
| 4-Nitroaniline | 830U | 830U | 830U | 830U | 830U | 830U | 830U | 50U | 50U | NC | 830U | 830U | 830U | 830U | 830U |

(1) Cannot be Distinguished from Diphenylamine
(2) Cannot be Distinguished from Azobenzene

U - Below Quantitation Limit (BQL); J - Detected below quantitation limit; B - Detected in Blank; NA - Not Analyzed.
* (1.1' - 1.7') - depth of sample from top of ground; # (DUP IC-2-1) - sample duplicate of IC-2-1; NC - not calculable; RPD - Relative Percent Difference.

Table 6-1b. Summary of Analytical Results: Phase II Soil Samples, Deep Soil Borings, ByPass Channel Site, IHNC, New Orleans, Louisiana (CONT'D):

| PARAMETER | IC-2-7 (38.5'-40.0') | IC-3-1 (1.5'-1.75') | IC-3-2 (6.0'-6.5') | IC-3-3 (8.5'-9.0') | IC-3-4 (13.5'-14.0') | IC-3-5 (24.4'-24.5') | IC-3-6 (38.0'-38.5) | IC-3-7 (DUP IC-3-6)# | RPD | IC-4-1 (0.3'-0.8') | IC-4-2 (5.0'-5.5') | IC-4-3 (10.5'-11.0') | IC-4-4 (25.0'-25.5') | IC-4-5 (39.0'-39.5') |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SEMI-VOLATILES, ug/kg | | | | | | | | | | | | | | |
| Base/Neutral Extractable Compounds | | | | | | | | | | | | | | |
| Benzidine | 830U | 830U | 830U | 830U | 830U | 830U | 830U | 830U | NC | 4200U | 830U | 830U | 830U | 830U |
| bis(2-Chloroethyl)ether | 170U | 170U | 170U | 170U | 170U | 170U | 170U | 170U | NC | 830U | 170U | 170U | 170U | 170U |
| 1,3-Dichlorobenzene | 170U | 170U | 170U | 170U | 170U | 170U | 170U | 170U | NC | 830U | 170U | 170U | 170U | 170U |
| 1,4-Dichlorobenzene | 170U | 170U | 170U | 170U | 170U | 170U | 170U | 170U | NC | 830U | 170U | 170U | 170U | 170U |
| 1,2-Dichlorobenzene | 170U | 170U | 170U | 170U | 170U | 170U | 170U | 170U | NC | 830U | 170U | 170U | 170U | 170U |
| bis(2-Chloroisopropyl)ether | 170U | 170U | 170U | 170U | 170U | 170U | 170U | 170U | NC | 830U | 170U | 170U | 170U | 170U |
| N-Nitroso-di-n-propylamine | 170U | 170U | 170U | 170U | 170U | 170U | 170U | 170U | NC | 830U | 170U | 170U | 170U | 170U |
| Hexachloroethane | 170U | 170U | 170U | 170U | 170U | 170U | 170U | 170U | NC | 830U | 170U | 170U | 170U | 170U |
| Nitrobenzene | 170U | 170U | 170U | 170U | 170U | 170U | 170U | 170U | NC | 830U | 170U | 170U | 170U | 170U |
| Isophorone | 170U | 170U | 170U | 170U | 170U | 170U | 170U | 170U | NC | 830U | 170U | 170U | 170U | 170U |
| bis(2-Chloroethoxyl)ether | 170U | 170U | 170U | 170U | 170U | 170U | 170U | 170U | NC | 170U | 170U | 170U | 170U | 170U |
| 1,2,4-Trichlorobenzene | 170U | 170U | 170U | 170U | 170U | 170U | 170U | 170U | NC | 830U | 170U | 170U | 170U | 170U |
| Naphtalene | 170U | 170U | 170U | 170U | 170U | 170U | 170U | 170U | NC | 830U | 170U | 170U | 170U | 170U |
| Hexachlorobutadiene | 170U | 170U | 170U | 170U | 170U | 170U | 170U | 170U | NC | 830U | 170U | 170U | 170U | 170U |
| Hexachlorocyclopentadiene | 170U | 170U | 170U | 170U | 170U | 170U | 170U | 170U | NC | 830U | 170U | 170U | 170U | 170U |
| 2-Chloronaphthalene | 170U | 170U | 170U | 170U | 170U | 170U | 170U | 170U | NC | 830U | 170U | 170U | 170U | 170U |
| Dimethylphthalate | 170U | 170U | 170U | 170U | 170U | 170U | 170U | 170U | NC | 830U | 170U | 170U | 170U | 170U |
| 2,6-Dinitrotoluene | 170U | 170U | 170U | 170U | 170U | 170U | 170U | 170U | NC | 830U | 170U | 170U | 170U | 170U |
| Acenaphthylene | 170U | 170U | 170U | 170U | 170U | 170U | 170U | 170U | NC | 830U | 170U | 170U | 170U | 170U |
| Acenaphthene | 170U | 170U | 170U | 170U | 170U | 170U | 170U | 170U | NC | 830U | 170U | 170U | 170U | 170U |
| 2,4-Dinitrotoluene | 170U | 170U | 170U | 170U | 170U | 170U | 170U | 170U | NC | 830U | 170U | 170U | 170U | 170U |
| Diethylphthalate | 170U | 200 | 170U | 170U | 170U | 170U | 170U | 170U | NC | 830U | 170U | 170U | 170U | 170U |
| 4-Chlorophenyl-phenylether | 170U | 170U | 170U | 170U | 170U | 170U | 170U | 170U | NC | 830U | 170U | 170U | 170U | 170U |
| Fluorene | 170U | 170U | 170U | 170U | 170U | 170U | 170U | 170U | NC | 830U | 170U | 170U | 170U | 170U |
| N-Nitrosodiphenylamine (1) | 170U | 170U | 170U | 170U | 170U | 170U | 170U | 170U | NC | 830U | 170U | 170U | 170U | 170U |
| 4-Bromophenyl-phenylether | 170U | 170U | 170U | 170U | 170U | 170U | 170U | 170U | NC | 830U | 170U | 170U | 170U | 170U |
| Hexachlorobenzene | 170U | 170U | 170U | 170U | 170U | 170U | 170U | 170U | NC | 830U | 170U | 170U | 170U | 170U |
| Phenanthrene | 170U | 170U | 170U | 170U | 170U | 170U | 170U | 170U | NC | 830U | 170U | 170U | 170U | 170U |
| Anthracene | 170U | 170U | 170U | 170U | 170U | 170U | 170U | 170U | NC | 830U | 170U | 170U | 170U | 170U |
| Pyrene | 170U | 170U | 170U | 170U | 170U | 170U | 170U | 170U | NC | 830U | 170U | 170U | 170U | 170U |
| Di-n-butylphthalate | 170U | 170U | 170U | 170U | 170U | 170U | 170U | 170U | NC | 830U | 170U | 170U | 170U | 170U |
| Fluoranthene | 170U | 170U | 170U | 170U | 170U | 170U | 170U | 170U | NC | 830U | 170U | 170U | 170U | 170U |
| Butylbenzylphthalate | 170U | 170U | 170U | 170U | 170U | 170U | 170U | 170U | NC | 830U | 170U | 170U | 170U | 170U |
| 3,3'-Dichlorobenzidine | 330U | 330U | 330U | 330U | 330U | 330U | 330U | 330U | NC | 1700U | 330U | 330U | 330U | 330U |
| Benzo(a)anthracene | 170U | 170U | 170U | 170U | 170U | 170U | 170U | 170U | NC | 830U | 170U | 170U | 170U | 170U |
| bis(2-Ethylhexyl)phthalate | 170U | 1700 | 170U | 390 | 170U | 170U | 170U | 170U | NC | 830U | 170U | 170U | 170U | 170U |
| Chrysene | 170U | 170U | 170U | 170U | 170U | 170U | 170U | 170U | NC | 830U | 170U | 170U | 170U | 170U |
| Di-n-octylphthalate | 170U | 170U | 170U | 170U | 170U | 170U | 170U | 170U | NC | 830U | 170U | 170U | 170U | 170U |
| Benzo(b)fluoranthene | 170U | 170U | 170U | 170U | 170U | 170U | 170U | 170U | NC | 830U | 170U | 170U | 170U | 170U |
| N-Nitrosodimethylamine | 170U | 170U | 170U | 170U | 170U | 170U | 170U | 170U | NC | 830U | 170U | 170U | 170U | 170U |
| 1,2-Diphenylhydrazine (2) | 170U | 170U | 170U | 170U | 170U | 170U | 170U | 170U | NC | 830U | 170U | 170U | 170U | 170U |
| Benzo(k)fluoranthene | 170U | 170U | 170U | 170U | 170U | 170U | 170U | 170U | NC | 830U | 170U | 170U | 170U | 170U |
| Benzo(a)pyrene | 170U | 170U | 170U | 170U | 170U | 170U | 170U | 170U | NC | 830U | 170U | 170U | 170U | 170U |
| Indeno(1,2,3-cd)pyrene | 170U | 170U | 170U | 170U | 170U | 170U | 170U | 170U | NC | 830U | 170U | 170U | 170U | 170U |
| Dibenz(a,h)anthracene | 170U | 170U | 170U | 170U | 170U | 170U | 170U | 170U | NC | 830U | 170U | 170U | 170U | 170U |
| Benzo(g,h,i)perylene | 170U | 170U | 170U | 170U | 170U | 170U | 170U | 170U | NC | 830U | 170U | 170U | 170U | 170U |
| Benzyl alcohol | 170U | 170U | 170U | 170U | 170U | 170U | 170U | 170U | NC | 830U | 170U | 170U | 170U | 170U |

Table 6-1b. Summary of Analytical Results: Phase II Soil Samples, Deep Soil Borings, ByPass Channel Site, IHNC, New Orleans, Louisiana (CONT'D):

| PARAMETER | IC-2-7 (38.5'-40.0') | IC-3-1 (1.5'-1.75') | IC-3-2 (6.0'-6.5') | IC-3-3 (8.5'-9.0') | IC-3-4 (13.5'-14.0') | IC-3-5 (24.4'-24.5') | IC-3-6 (38.0'-38.5') | IC-37 (DUP IC-3-4)# | RPD | IC-4-1 (0.3'-0.8') | IC-4-2 (5.0'-5.5') | IC-4-3 (10.5'-11.0') | IC-4-4 (25.0'-25.5') | IC-4-5 (39.0'-39.5') |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SEMI-VOLATILES, ug/kg | | | | | | | | | | | | | | |
| Base/Neutral Extractable Compounds | | | | | | | | | | | | | | |
| 4-Chloroaniline | 170U | 170U | 170U | 170U | 170U | 170U | 170U | 170J | NC | 830U | 170U | 170U | 170U | 170U |
| Dibenzofuran | 170U | 170U | 170U | 170U | 170U | 170U | 170U | 170J | NC | 830U | 170U | 170U | 170U | 170U |
| 2-Methylnaphthalene | 170U | 170U | 170U | 170U | 170U | 170U | 170U | 170J | NC | 830U | 170U | 170U | 170U | 170U |
| 2-Nitroaniline | 830U | 830U | 830U | 830U | 830U | 830U | 830U | 830J | NC | 4200U | 830U | 830U | 830U | 830U |
| 3-Nitroaniline | 830U | 830U | 830U | 830U | 830U | 830U | 830U | 830J | NC | 4200U | 830U | 830U | 830U | 830U |
| 4-Nitroaniline | 830U | 830U | 830U | 830U | 830U | 830U | 830U | 830J | NC | 4200U | 830U | 830U | 830U | 830U |

(1) Cannot be Distinguished from Diphenylamine
(2) Cannot be Distinguished from Azobenzene

U - Below Quantitation Limit (BQL); J - Detected below quantitation limit; B - Detected in Blank; NA - Not Analyzed.
* (1.1' - 1.7') - depth of sample from top of ground; # (DUP IC-2-1) -sample duplicate of IC-2-1; NC - not calculable; RPD - Relative Percent Difference.

Table 6-1b. Summary of Analytical Results: Phase II Soil Samples, Deep Soil Borings, ByPass Channel Site, IHNC, New Orleans, Louisiana (CONT'D):

| PARAMETER | IC-5-1 (0.5'-1.3') | IC-5-2 (DUP IC-5-1)# | RPD | IC-5-3 (8.5'-9.5') | IC-5-4 (11.5'-12.5') | IC-5A-5 (23.0'-24.0') | IC-5A-6 (39.3'-40.1') | IC-6-1 (2.0-3.0) | IC-6-2 (6.0'-7.0') | IC-6-3 (12.0'-13.0') | IC-6-4 (15.5'-16.5') | IC-6-5 (DUP IC-6-4)# | RPD | IC-6-6 (30.0'-30.4') |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SEMI-VOLATILES, ug/kg | | | | | | | | | | | | | | |
| Base/Neutral Extractable Compounds | | | | | | | | | | | | | | |
| Benzidine | 830U | 830U | NC | 830U | 830U | 830U | 830U | 830U | 830U | 830U | 830U | 830U | NC | 830U |
| bis(2-Chloroethyl)ether | 170U | 170U | NC | 170U | 170U | 170U | 170U | 170U | 170U | 170U | 170U | 170U | NC | 170U |
| 1,3-Dichlorobenzene | 170U | 170U | NC | 170U | 170U | 170U | 170U | 170U | 170U | 170U | 170U | 170U | NC | 170U |
| 1,4-Dichlorobenzene | 170U | 170U | NC | 170U | 170U | 170U | 170U | 170U | 170U | 170U | 170U | 170U | NC | 170U |
| 1,2-Dichlorobenzene | 170U | 170U | NC | 170U | 170U | 170U | 170U | 170U | 170U | 170U | 170U | 170U | NC | 170U |
| bis(2-Chloroisopropyl)ether | 170U | 170U | NC | 170U | 170U | 170U | 170U | 170U | 170U | 170U | 170U | 170U | NC | 170U |
| N-Nitroso-di-n-propylamine | 170U | 170U | NC | 170U | 170U | 170U | 170U | 170U | 170U | 170U | 170U | 170U | NC | 170U |
| Hexachloroethane | 170U | 170U | NC | 170U | 170U | 170U | 170U | 170U | 170U | 170U | 170U | 170U | NC | 170U |
| Nitrobenzene | 170U | 170U | NC | 170U | 170U | 170U | 170U | 170U | 170U | 170U | 170U | 170U | NC | 170U |
| Isophorone | 170U | 170U | NC | 170U | 170U | 170U | 170U | 170U | 170U | 170U | 170U | 170U | NC | 170U |
| bis(2-Chloroethoxyl)ether | 170U | 170U | NC | 170U | 170U | 170U | 170U | 170U | 170U | 170U | 170U | 170U | NC | 170U |
| 1,2,4-Trichlorobenzene | 170U | 170U | NC | 170U | 170U | 170U | 170U | 170U | 170U | 170U | 170U | 170U | NC | 170U |
| Naphtalene | 170U | 170U | NC | 170U | 170U | 170U | 170U | 170U | 170U | 170U | 170U | 170U | NC | 170U |
| Hexachlorobutadiene | 170U | 170U | NC | 170U | 170U | 170U | 170U | 170U | 170U | 170U | 170U | 170U | NC | 170U |
| Hexachlorocyclopentadiene | 170U | 170U | NC | 170U | 170U | 170U | 170U | 170U | 170U | 170U | 170U | 170U | NC | 170U |
| 2-Chloronaphthalene | 170U | 170U | NC | 170U | 170U | 170U | 170U | 170U | 170U | 170U | 170U | 170U | NC | 170U |
| Dimethylphthalate | 170U | 170U | NC | 170U | 170U | 170U | 170U | 170U | 170U | 170U | 170U | 170U | NC | 170U |
| 2,6-Dinitrotoluene | 170U | 170U | NC | 170U | 170U | 170U | 170U | 170U | 170U | 170U | 170U | 170U | NC | 170U |
| Acenaphthylene | 170U | 170U | NC | 170U | 170U | 170U | 170U | 170U | 170U | 170U | 170U | 170U | NC | 170U |
| Acenaphthene | 170U | 170U | NC | 170U | 170U | 170U | 170U | 170U | 170U | 170U | 170U | 170U | NC | 170U |
| 2,4-Dinitrotoluene | 170U | 170U | NC | 170U | 170U | 170U | 170U | 170U | 170U | 170U | 170U | 170U | NC | 170U |
| Diethylphthalate | 170U | 170U | NC | 170U | 170U | 170U | 170U | 170U | 170U | 170U | 170U | 170U | NC | 170U |
| 4-Chlorophenyl-phenylether | 170U | 170U | NC | 170U | 170U | 170U | 170U | 170U | 170U | 170U | 170U | 170U | NC | 170U |
| Fluorene | 170U | 170U | NC | 170U | 170U | 170U | 170U | 170U | 170U | 170U | 170U | 170U | NC | 170U |
| N-Nitrosodiphenylamine (1) | 170U | 170U | NC | 170U | 170U | 170U | 170U | 170U | 170U | 170U | 170U | 170U | NC | 170U |
| 4-Bromophenyl-phenylether | 170U | 170U | NC | 170U | 170U | 170U | 170U | 170U | 170U | 170U | 170U | 170U | NC | 170U |
| Hexachlorobenzene | 170U | 170U | NC | 170U | 170U | 170U | 170U | 170U | 170U | 170U | 170U | 170U | NC | 170U |
| Phenanthrene | 170U | 170U | NC | 170U | 170U | 170U | 170U | 170U | 170U | 170U | 170U | 170U | NC | 170U |
| Anthracene | 170U | 170U | NC | 170U | 170U | 170U | 170U | 170U | 170U | 170U | 170U | 170U | NC | 170U |
| Pyrene | 170U | 170U | NC | 170U | 170U | 170U | 170U | 170U | 170U | 170U | 170U | 170U | NC | 170U |
| Di-n-butylphthalate | 170U | 170U | NC | 170U | 170U | 170U | 170U | 170U | 170U | 170U | 170U | 170U | NC | 170U |
| Fluoranthene | 170U | 170U | NC | 170U | 170U | 170U | 170U | 170U | 170U | 170U | 170U | 170U | NC | 170U |
| Butylbenzylphthalate | 170U | 170U | NC | 170U | 170U | 170U | 170U | 170U | 170U | 170U | 170U | 170U | NC | 170U |
| 3,3'-Dichlorobenzidine | 330U | 330U | NC | 330U | 330U | 330U | 330U | 330U | 330U | 330U | 330U | 330U | NC | 330U |
| Benzo(a)anthracene | 170U | 170U | NC | 170U | 170U | 170U | 170U | 170U | 170U | 170U | 170U | 170U | NC | 170U |
| bis(2-Ethylhexyl)phthalate | 170U | 170U | NC | 170U | 170U | 170U | 170U | 170U | 170U | 170U | 170U | 170U | NC | 170U |
| Chrysene | 170U | 170U | NC | 170U | 170U | 170U | 170U | 170U | 170U | 170U | 170U | 170U | NC | 170U |
| Di-n-octylphthalate | 170U | 170U | NC | 170U | 170U | 170U | 170U | 170U | 170U | 170U | 170U | 170U | NC | 170U |
| Benzo(b)fluoranthene | 170U | 170U | NC | 170U | 170U | 170U | 170U | 170U | 170U | 170U | 170U | 170U | NC | 170U |
| N-Nitrosodimethylamine | 170U | 170U | NC | 170U | 170U | 170U | 170U | 170U | 170U | 170U | 170U | 170U | NC | 170U |
| 1,2-Diphenylhydrazine (2) | 170U | 170U | NC | 170U | 170U | 170U | 170U | 170U | 170U | 170U | 170U | 170U | NC | 170U |
| Benzo(k)fluoranthene | 170U | 170U | NC | 170U | 170U | 170U | 170U | 170U | 170U | 170U | 170U | 170U | NC | 170U |
| Benzo(a)pyrene | 170U | 170U | NC | 170U | 170U | 170U | 170U | 170U | 170U | 170U | 170U | 170U | NC | 170U |
| Indeno(1,2,3-cd)pyrene | 170U | 170U | NC | 170U | 170U | 170U | 170U | 170U | 170U | 170U | 170U | 170U | NC | 170U |
| Dibenz(a,h)anthracene | 170U | 170U | NC | 170U | 170U | 170U | 170U | 170U | 170U | 170U | 170U | 170U | NC | 170U |
| Benzo(g,h,i)perylene | 170U | 170U | NC | 170U | 170U | 170U | 170U | 170U | 170U | 170U | 170U | 170U | NC | 170U |
| Benzyl alcohol | 170U | 170U | NC | 170U | 170U | 170U | 170U | 170U | 170U | 170U | 170U | 170U | NC | 170U |

Table 6-1b. Summary of Analytical Results: Phase II Soil Samples, Deep Soil Borings, ByPass Channel Site, IHNC, New Orleans, Louisiana (CONT'D):

| PARAMETER | IC-5-1 (0.5'- | IC-5-2 DUP | RPD | IC-5-3 (8.5'- | IC-5-4 (11.5'- | IC-5A-5 (23.0'- | IC-5A-6 (39.3'- | IC-6-1 (2.0'- | IC-6-2 (6.0'- | IC-6-3 (12.0'- | IC-6-4 (15.5'- | IC-6-5 (DUP | RPD | IC-6-6 (30.0'- |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SEMI-VOLATILES, ug/kg | 1.3') | IC-5-1)# | | 9.5') | 12.5') | 24.0') | 40.1') | 3.0') | 7.0') | 13.0') | 16.5') | IC-6-4)# | | 30.4') |
| Base/Neutral Extractable Compounds | | | | | | | | | | | | | | |
| 4-Chloroaniline | 170U | 170U | NC | 170U | 170U | 170U | 170U | 170U | 170U | 170U | 170U | 170U | NC | 170U |
| Dibenzofuran | 170U | 170U | NC | 170U | 170U | 170U | 170U | 170U | 170U | 170U | 170U | 170U | NC | 170U |
| 2-Methylnaphthalene | 170U | 170U | NC | 170U | 170U | 170U | 170U | 170U | 170U | 170U | 170U | 170U | NC | 170U |
| 2-Nitroaniline | 830U | 830U | NC | 830U | 830U | 830U | 830U | 830U | 830U | 830U | 830U | 830U | NC | 830U |
| 3-Nitroaniline | 830U | 830U | NC | 830U | 830U | 830U | 830U | 830U | 830U | 830U | 830U | 830U | NC | 830U |
| 4-Nitroaniline | 830U | 830U | NC | 830U | 830U | 830U | 830U | 830U | 830U | 830U | 830U | 830U | NC | 830U |

(1) Cannot be Distinguished from Diphenylamine
(2) Cannot be Distinguished from Azobenzene

U - Below Quantitation Limit (BQL); J - Detected below quantitation limit; B - Detected in Blank; NA - Not Analyzed.
* (1.1' - 1.7') - depth of sample from top of ground; # (DUP IC-2-1) - sample duplicate of IC-2-1; NC - not calculable; RPD - Relative Percent Difference.

Table 6-1b. Summary of Analytical Results: Phase II Soil Samples, Deep Soil Borings, ByPass Channel Site, IHNC, New Orleans, Louisiana (CONT'D):

| PARAMETER | IC-1-1 (1.1'-1.7')* | IC-1A-2 (6.6'-7.4') | IC-1A-3 (9.0'-10.9') | IC-1A-4 (15.5'-16.0') | IC-1A-5 (18.5'-19.0') | IC-1A-6 (24.0'-24.5') | IC-1A-7 (36.2'-36.7') | IC-2-1 (0.5'-0.8') | IC-2-8 (DUP IC-2-1)# | RPD | IC-2-2 (1.2'-1.7') | IC-2-3 (6.0'-6.5') | IC-2-4 (9.2'-9.7') | IC-2-5 (22.0'-22.5') | IC-2-6 (28.6'-29.3') |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SEMI-VOLATILES, ug/kg | | | | | | | | | | | | | | | |
| Acid Extractable Compounds | | | | | | | | | | | | | | | |
| Phenol | 170U | 170U | 170U | 170U | 170U | 170U | 170U | 10U | 10U | NC | 170U | 170U | 170U | 170U | 170U |
| 2-Chlorophenol | 170U | 170U | 170U | 170U | 170U | 170U | 170U | 10U | 10U | NC | 170U | 170U | 170U | 170U | 170U |
| 2-Nitrophenol | 170U | 170U | 170U | 170U | 170U | 170U | 170U | 10U | 10U | NC | 170U | 170U | 170U | 170U | 170U |
| 2,4-Dimethylphenol | 170U | 170U | 170U | 170U | 170U | 170U | 170U | 10U | 10U | NC | 170U | 170U | 170U | 170U | 170U |
| 2,4-Dichlorophenol | 170U | 170U | 170U | 170U | 170U | 170U | 170U | 10U | 10U | NC | 170U | 170U | 170U | 170U | 170U |
| 4-Chloro-3-methylphenol | 170U | 170U | 170U | 170U | 170U | 170U | 170U | 10U | 10U | NC | 170U | 170U | 170U | 170U | 170U |
| 2,4,6-Trichlorophenol | 170U | 170U | 170U | 170U | 170U | 170U | 170U | 10U | 10U | NC | 170U | 170U | 170U | 170U | 170U |
| 2,4-Dinitrophenol | 830U | 830U | 830U | 830U | 830U | 830U | 830U | 50U | 50U | NC | 830U | 830U | 830U | 830U | 830U |
| 4-Nitrophenol | 830U | 830U | 830U | 830U | 830U | 830U | 830U | 50U | 50U | NC | 830U | 830U | 830U | 830U | 830U |
| 4,6-Dinitro-2-methylphenol | 830U | 830U | 830U | 830U | 830U | 830U | 830U | 50U | 50U | NC | 830U | 830U | 830U | 830U | 830U |
| Pentachlorophenol | 830U | 830U | 830U | 830U | 830U | 830U | 830U | 50U | 50U | NC | 830U | 830U | 830U | 830U | 830U |
| 2-Methylphenol | 170U | 170U | 170U | 170U | 170U | 170U | 170U | 10U | 10U | NC | 170U | 170U | 170U | 170U | 170U |
| 4-Methylphenol | 170U | 170U | 170U | 170U | 170U | 170U | 170U | 10U | 10U | NC | 170U | 170U | 170U | 170U | 170U |
| Benzoic acid | 830U | 830U | 830U | 830U | 830U | 830U | 830U | 50U | 50U | NC | 830U | 830U | 830U | 830U | 830U |
| 2,4,5-Trichlorophenol | 830U | 830U | 830U | 830U | 830U | 830U | 830U | 50U | 50U | NC | 830U | 830U | 830U | 830U | 830U |

| PARAMETER : | IC-1-1 (1.1'-1.7')* | IC-1A-2 (6.6'-7.4') | IC-1A-3 (9.0'-10.9') | IC-1A-4 (15.5'-16.0') | IC-1A-5 (18.5'-19.0') | C-1A-6 (24.0'-24.5') | IC-1A-7 (36.2'-36.7') | IC-2-1 (0.5'-0.8') | IC-2-8 (DUP IC-2-1)# | RPD | IC-2-2 (1.2'-1.7') | IC-2-3 (6.0'-6.5') | IC-2-4 (9.2'-9.7') | IC-2-5 (22.0'-22.5') | IC-2-6 (28.6'-29.3') |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chlorinated Hydrocarbons, ug/kg | | | | | | | | | | | | | | | |
| 1,3-Dichlorobenzene | 83.2U | 83.3U | 83.2U | 83.2U | 83.1U | 83.1U | 83.1U | 83.1U | 83.0U | NC | 83.1U | 83.1U | 83.2U | 83.3U | 83.3U |
| 1,4-Dichlorobenzene | 296U | 296U | 296U | 296U | 296U | 296U | 296U | 296U | 295U | NC | 296U | 296U | 296U | 296U | 297U |
| 1,2-Dichlorobenzene | 89.9U | 89.9U | 89.9U | 89.9U | 89.7U | 89.7U | 89.7U | 89.7U | 89.6U | NC | 89.7U | 89.7U | 89.9U | 89.9U | 90.0U |
| Hexachloroethane | 1.66U | 1.67U | 1.66U | 1.66U | 1.66U | 1.66U | 1.66U | 1.66U | 1.66U | NC | 1.66U | 1.66U | 1.66U | 1.67U | 1.67U |
| Hexachlorobutadiene | 1.66U | 1.67U | 1.66U | 1.66U | 1.66U | 1.66U | 1.66U | 1.66U | 1.66U | NC | 1.66U | 1.66U | 1.66U | 1.67U | 1.67U |
| 2-Chloronaphthalene | 433U | 433U | 433U | 433U | 432U | 432U | 432U | 432U | 432U | NC | 432U | 432U | 433U | 433U | 433U |
| Hexachlorobenzene | 1.66U | 1.67U | 1.66U | 1.66U | 1.66U | 1.66U | 1.66U | 1.66U | 1.66U | NC | 1.66U | 1.66U | 1.66U | 1.67U | 1.67U |

| PARAMETER: | IC-1-1 (1.1'-1.7')* | IC-1A-2 (6.6'-7.4') | IC-1A-3 (9.0'-10.9') | IC-1A-4 (15.5'-16.0') | IC-1A-5 (18.5'-19.0') | IC-1A-6 (24.0'-24.5') | IC-1A-7 (36.2'-36.7') | IC-2-1 (0.5'-0.8') | IC-2-8 (DUP IC-2-1)# | RPD | IC-2-2 (1.2'-1.7') | IC-2-3 (6.0'-6.5') | IC-2-4 (9.2'-9.7') | IC-2-5 (22.0'-22.5') | IC-2-6 (28.6'-29.3') |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Metals, mg/kg | | | | | | | | | | | | | | | |
| Arsenic | 5.6 | 3.4 | 4.8 | 6.6 | 6.6 | 4 | 4.7 | 7.8 | 7.6 | 2.6 | 2.4U | 2.2U | 6.8 | 6.4 | 6.4 |
| Barium | 173 | 134 | 129 | 77.6 | 132 | 74.6 | 106 | 103 | 208 | 66.0 | 125 | 192 | 169 | 53.6 | 129 |
| Cadmium | 0.05U | 0.50U | 0.50U | 0.50U | 0.50U | 0.50U | 0.50U | 0.45U | 0.50U | NC | 0.50U | 0.45U | 0.50U | 0.50U | 0.45U |
| Chromium | 12.2 | 15 | 14.3 | 8.3 | 11.9 | 8.8 | 16.2 | 71.1 | 69.4 | 2.4 | 9.7 | 16.2 | 19.3 | 8.1 | 13.9 |
| Lead | 104 | 7.1 | 5.5 | 5.7 | 5.2 | 6.8 | 9.1 | 472 | 224 | 71.3 | 8.2 | 6.8 | 14.5 | 2.5U | 6.6 |
| Mercury | 0.27 | 0.24 | 0.21 | 0.12 | 0.2 | 0.19 | 0.22 | 20.8 | 1.2 | 178 | 0.065 | 0.043 | 0.12 | 0.096 | 0.13 |
| Selenium | 2.5U | 2.4U | 2.4J | 2.3U | 2.4U | 2.5U | 2.4U | 2.4U | 2.3U | NC | 2.4U | 2.2U | 2.4U | 2.4U | 2.2U |
| Silver | 0.95U | 1.0U | 1.0J | 0.95U | 0.95U | 1.0U | 1.0U | 0.90U | 0.95U | NC | 1.0U | 0.85U | 1.0U | 1.0U | 0.85U |

U - Below Quantitation Limit (BQL); J - Detected below quantitation limit; B - Detected in Blank; NA - Not Analyzed.

* (1.1' - 1.7') - depth of sample from top of ground; # (DUP IC-2-1) - sample duplicate of IC-2-1; NC - not calculable; RPD - Relative Percent Difference.

Table 6-1b. Summary of Analytical Results: Phase II Soil Samples, Deep Soil Borings, ByPass Channel Site, IHNC, New Orleans, Louisiana (CONT'D):

| PARAMETER | IC-2-7 (38.5'-40.0') | C-3-1 (1.5'-1.75') | IC-3-2 (6.0'-6.5') | IC-3-3 (6.5'-9.0') | IC-3-4 (13.5'-14.0') | IC-3-5 (24.4'-24.5') | IC-3-6 (38.0'-38.5') | IC-3-7 (DUP IC-3-3)# | RPD | IC-4-1 (0.3'-0.8') | IC-4-2 (5.0'-5.5') | IC-4-3 (10.5'-11.0') | IC-4-4 (25.0'-25.5') | IC-4-5 (39.0'-39.5') |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SEMI-VOLATILES, ug/kg | | | | | | | | | | | | | | |
| Acid Extractable Compounds | | | | | | | | | | | | | | |
| Phenol | 170U | 170U | 170U | 170U | 170U | 170U | 170U | 170U | NC | 830U | 170U | 170U | 170U | 170U |
| 2-Chlorophenol | 170U | 170U | 170U | 170U | 170U | 170U | 170U | 170U | NC | 830U | 170U | 170U | 170U | 170U |
| 2-Nitrophenol | 170U | 170U | 170U | 170U | 170U | 170U | 170U | 170U | NC | 830U | 170U | 170U | 170U | 170U |
| 2,4-Dimethylphenol | 170U | 170U | 170U | 170U | 170U | 170U | 170U | 170U | NC | 830U | 170U | 170U | 170U | 170U |
| 2,4-Dichlorophenol | 170U | 170U | 170U | 170U | 170U | 170U | 170U | 170U | NC | 830U | 170U | 170U | 170U | 170U |
| 4-Chloro-3-methylphenol | 170U | 170U | 170U | 170U | 170U | 170U | 170U | 170U | NC | 830U | 170U | 170U | 170U | 170U |
| 2,4,6-Trichlorophenol | 170U | 170U | 170U | 170U | 170U | 170U | 170U | 170U | NC | 830U | 170U | 170U | 170U | 170U |
| 2,4-Dinitrophenol | 830U | 830U | 830U | 830U | 830U | 830U | 830U | 830U | NC | 4200U | 830U | 830U | 830U | 830U |
| 4-Nitrophenol | 830U | 830U | 830U | 830U | 830U | 830U | 830U | 830U | NC | 4200U | 830U | 830U | 830U | 830U |
| 4,6-Dinitro-2-methylphenol | 830U | 830U | 830U | 830U | 830U | 830U | 830U | 830U | NC | 4200U | 830U | 830U | 830U | 830U |
| Pentachlorophenol | 830U | 830U | 830U | 830U | 830U | 830U | 830U | 830U | NC | 4200U | 830U | 830U | 830U | 830U |
| 2-Methylphenol | 170U | 170U | 170U | 170U | 170U | 170U | 170U | 170U | NC | 830U | 170U | 170U | 170U | 170U |
| 4-Methylphenol | 170U | 170U | 170U | 170U | 170U | 170U | 170U | 170U | NC | 830U | 170U | 170U | 170U | 170U |
| Benzoic acid | 830U | 830U | 830U | 830U | 830U | 830U | 830U | 830U | NC | 4200U | 830U | 830U | 830U | 830U |
| 2,4,5-Trichlorophenol | 830U | 830U | 830U | 830U | 830U | 830U | 830U | 830U | NC | 4200U | 830U | 830U | 830U | 830U |

| PARAMETER : | IC-2-7 (38.5'-40.0') | IC-3-1 (1.5'-1.75') | IC-3-2 (6.0'-6.5') | IC-3-3 (6.5'-9.0') | IC-3-4 (13.5'-14.0') | IC-3-5 (24.4'-24.5') | IC-3-6 (38.0'-38.5') | IC-3-7 (DUP IC-3-3)# | RPD | IC-4-1 (0.3'-0.8') | IC-4-2 (5.0'-5.5') | IC-4-3 (10.5'-11.0') | IC-4-4 (25.0'-25.5') | IC-4-5 (39.0'-39.5') |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chlorinated Hydrocarbons, ug/kg | | | | | | | | | | | | | | |
| 1,3-Dichlorobenzene | 831U | 83.3U | 83.1U | 83.2U | 83.3U | 83.1U | 83.3U | 83.2U | NC | 82.9U | 83.2U | 83.1U | 83.1U | 83.3U |
| 1,4-Dichlorobenzene | 2960U | 296U | 296U | 296U | 296U | 296U | 296U | 296U | NC | 295U | 296U | 296U | 296U | 297U |
| 1,2-Dichlorobenzene | 897U | 89.9U | 89.7U | 89.9U | 89.9U | 89.7U | 89.9U | 89.9U | NC | 89.6U | 89.9U | 89.7U | 89.6U | 90.0U |
| Hexachloroethane | 16.6U | 1.67U | 1.66U | 1.66U | 1.67U | 1.66U | 1.67U | 1.66U | NC | 1.66U | 1.66U | 1.66U | 1.66U | 1.67U |
| Hexachlorobutadiene | 16.6U | 1.67U | 1.66U | 1.66U | 1.67U | 1.66U | 1.67U | 1.66U | NC | 1.66U | 1.66U | 1.66U | 1.66U | 1.67U |
| 2-Chloronaphthalene | 4320U | 433U | 432U | 433U | 433U | 432U | 433U | 433U | NC | 431U | 433U | 432U | 432U | 433U |
| Hexachlorobenzene | 16.6U | 1.67U | 1.66U | 1.66U | 1.67U | 1.66U | 1.67U | 1.66U | NC | 1.66U | 1.66U | 1.66U | 1.66U | 1.67U |

| PARAMETER: | IC-2-7 (38.5'-40.0') | IC-3-1 (1.5'-1.75') | IC-3-2 (6.0'-6.5') | IC-3-3 (6.5'-9.0') | IC-3-4 (13.5'-14.0') | IC-3-5 (24.4'-24.5') | IC-3-6 (38.0'-38.5') | IC-3-7 (DUP IC-3-3)# | RPD | IC-4-1 (0.3'-0.8') | IC-4-2 (5.0'-5.5') | IC-4-3 (10.5'-11.0') | IC-4-4 (25.0'-25.5') | IC-4-5 (39.0'-39.5') |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Metals, mg/kg | | | | | | | | | | | | | | |
| Arsenic | 8.1 | 4.6 | 5.4 | 9.6 | 2.5U | 5.4 | 8.7 | 4.7 | 35.1 | 4.2 | 4.7 | 5.9 | 2.5 | 4.7 |
| Barium | 129 | 148 | 138 | 131 | 250 | 125 | 109 | 108 | 2.8 | 186 | 217 | 156 | 59.8 | 112 |
| Cadmium | 0.45U | 0.50U | 0.45U | 0.45U | 0.45U | 0.50U | 0.50U | 0.50U | NC | 0.50U | 0.62 | 0.50U | 0.50U | 0.50U |
| Chromium | 15.7 | 16.7 | 14.5 | 10.3 | 13.8 | 11.4 | 15.6 | 151 | 32.6 | 44.2 | 14.1 | 16.1 | 7.5 | 17.2 |
| Lead | 8.4 | 46.6 | 8.8 | 6.9 | 6.7 | 8.7 | 10.6 | 9.1 | 15.2 | 71.8 | 20.0 | 29.8 | 6.7 | 14.6 |
| Mercury | 0.13 | 0.16 | 0.020U | 0.1 | 0.15 | 0.076 | 0.047 | 0.034 | 66.7 | 0.030 | 0.077 | 0.16 | 0.048 | 0.028 |
| Selenium | 2.5U | 2.4U | 2.4U | 2.3U | 2.5U | 2.4U | 2.4U | 2.3U | NC | 2.3U | 2.5U | 2.4U | 2.5U | 2.4U |
| Silver | 0.90U | 1.0U | 0.85U | 0.90U | 0.90U | 1.0U | 0.95U | 0.95U | NC | 1.0U | 0.95U | 1.0U | 1.0U | 1.0U |

U - Below Quantitation Limit (BQL); J - Detected below quantitation limit; B - Detected in Blank; NA - Not Analyzed.

* (1.1' - 1.7') - depth of sample from top of ground; # (DUP IC-2-1) - sample duplicate of IC-2-1; NC - not calculable; RPD - Relative Percent Difference.

Table 6-1b. Summary of Analytical Results: Phase II Soil Samples, Deep Soil Borings, ByPass Channel Site, HNC, New Orleans, Louisiana (CONT'D):

| PARAMETER | IC-5-1 (0.5'-1.3') | IC-5-2 (DUP IC-5-1)# | RPD | IC-5-3 (8.5'-9.5) | IC-5-4 (11.5'-12.5') | IC-5A-5 (23.0'-24.0') | IC-5A-6 (39.3'-40.1') | IC-6-1 (2.0'-3.0') | IC-6-2 (6.0'-7.0') | IC-6-3 (12.0'-13.0') | IC-6-4 (15.5'-16.5') | IC-6-5 (DUP IC-6-4)# | RPD | IC-6-6 (30.0'-30.4') |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SEMI-VOLATILES, ug/kg | | | | | | | | | | | | | | |
| Acid Extractable Compounds | | | | | | | | | | | | | | |
| Phenol | 170U | 170U | NC | 170J | 170U | 170U | 170U | 170U | 170U | 170U | 170U | 170U | NC | 170U |
| 2-Chlorophenol | 170U | 170U | NC | 170J | 170U | 170U | 170U | 170U | 170U | 170U | 170U | 170U | NC | 170U |
| 2-Nitrophenol | 170U | 170U | NC | 170J | 170U | 170U | 170U | 170U | 170U | 170U | 170U | 170U | NC | 170U |
| 2,4-Dimethylphenol | 170U | 170U | NC | 170J | 170U | 170U | 170U | 170U | 170U | 170U | 170U | 170U | NC | 170U |
| 2,4-Dichlorophenol | 170U | 170U | NC | 170J | 170U | 170U | 170U | 170U | 170U | 170U | 170U | 170U | NC | 170U |
| 4-Chloro-3-methylphenol | 170U | 170U | NC | 170J | 170U | 170U | 170U | 170U | 170U | 170U | 170U | 170U | NC | 170U |
| 2,4,6-Trichlorophenol | 170U | 170U | NC | 170J | 170U | 170U | 170U | 170U | 170U | 170U | 170U | 170U | NC | 170U |
| 2,4-Dinitrophenol | 830U | 830U | NC | 830J | 830U | 830U | 830U | 830U | 830U | 830U | 830U | 830U | NC | 830U |
| 4-Nitrophenol | 830U | 830U | NC | 830J | 830U | 830U | 830U | 830U | 830U | 830U | 830U | 830U | NC | 830U |
| 4,6-Dinitro-2-methylphenol | 830U | 830U | NC | 830J | 830U | 830U | 830U | 830U | 830U | 830U | 830U | 830U | NC | 830U |
| Pentachlorophenol | 830U | 830U | NC | 830J | 830U | 830U | 830U | 830U | 830U | 830U | 830U | 830U | NC | 830U |
| 2-Methylphenol | 170U | 170U | NC | 170J | 170U | 170U | 170U | 170U | 170U | 170U | 170U | 170U | NC | 170U |
| 4-Methylphenol | 170U | 170U | NC | 170J | 170U | 170U | 170U | 170U | 170U | 170U | 170U | 170U | NC | 170U |
| Benzoic acid | 830U | 830U | NC | 830J | 830U | 830U | 830U | 830U | 830U | 830U | 830U | 830U | NC | 830U |
| 2,4,5-Trichlorophenol | 830U | 830U | NC | 830J | 830U | 830U | 830U | 830U | 830U | 830U | 830U | 830U | NC | 830U |

| PARAMETER : | IC-5-1 (0.5'-1.3') | IC-5-2 (DUP IC-5-1)# | RPD | IC-5-3 (8.5'-9.5) | IC-5-4 (11.5'-12.5') | IC-5A-5 (23.0'-24.0') | IC-5A-6 (39.3'-40.1') | IC-6-1 (2.0'-3.0') | IC-6-2 (6.0'-7.0') | IC-6-3 (12.0'-13.0') | IC-6-4 (15.5'-16.5') | IC-6-5 (DUP IC-6-4)# | RPD | IC-6-6 (30.0'-30.4') |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chlorinated Hydrocarbons, ug/kg | | | | | | | | | | | | | | |
| 1,3-Dichlorobenzene | 83.1U | 83.3U | NC | 83.1U | 82.9U | 83.2U | 83.1U | 83.2U | 83.3U | 83.1U | 83.2U | 83.1U | NC | 83.1U |
| 1,4-Dichlorobenzene | 296U | 297U | NC | 296J | 295U | 296U | 296U | 296U | 296U | 296U | 296U | 296U | NC | 296U |
| 1,2-Dichlorobenzene | 89.7U | 90.0U | NC | 89.7U | 89.6U | 89.9U | 89.8U | 89.9U | 89.9U | 89.7U | 89.9U | 89.7U | NC | 89.8U |
| Hexachloroethane | 1.66U | 1.67U | NC | 1.66U | 1.66U | 1.66U | 1.66U | 1.66U | 1.67U | 1.66U | 1.66U | 1.66U | NC | 1.66U |
| Hexachlorobutadiene | 1.66U | 1.67U | NC | 1.66U | 1.66U | 1.66U | 1.66U | 1.66U | 1.67U | 1.66U | 1.66U | 1.66U | NC | 1.66U |
| 2-Chloronaphthalene | 432U | 433U | NC | 432J | 431U | 433U | 432U | 433U | 433U | 432U | 433U | 432U | NC | 432U |
| Hexachlorobenzene | 1.66U | 1.67U | NC | 1.66U | 1.66U | 1.66U | 1.66U | 1.66U | 1.67U | 1.66U | 1.66U | 1.66U | NC | 1.66U |

| PARAMETER: | IC-5-1 (0.5'-1.3') | IC-5-2 (DUP IC-5-1)# | RPD | IC-5-3 (8.5'-9.5) | IC-5-4 (11.5'-12.5') | IC-5A-5 (23.0'-24.0') | IC-5A-6 (39.3'-40.1') | IC-6-1 (2.0'-3.0') | IC-6-2 (6.0'-7.0') | IC-6-3 (12.0'-13.0') | IC-6-4 (15.5'-16.5') | IC-6-5 (DUP IC-6-4)# | RPD | IC-6-6 (30.0'-30.4') |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Metals, mg/kg | | | | | | | | | | | | | | |
| Arsenic | 2.2 U | 2.2 U | NC | 2.3 | 5.9 | 6.3 | 5.8 | 3.2 | 4.6 | 3.6 | 2.3U | 25 | NC | 6.6 |
| Barium | 22.7 | 17.6 | 24.2 | 144 | 112 | 46.3 | 122 | 102 | 76 | 53.2 | 90 | 103 | 14 | 116 |
| Cadmium | 0.45 U | 0.50 U | NC | 0.45U | 0.5 U | 0.45 U | 0.50 U | 0.56U | 0.45U | 0.50U | 0.50U | 0.45U | NC | 0.50U |
| Chromium | 3.7 | 3.4 | 8.5 | 11.5 | 9.5 | 3.5 | 15.7 | 198 | 10.5 | 6.1 | 9.2 | 99 | 7 | 18.4 |
| Lead | 4.1 | 4.9 | 17.8 | 6.1 | 4.3 | 2.2 U | 7.1 | 101 | 6.9 | 3.2 | 6.9 | 7.4 | 35 | 12.4 |
| Mercury | 0.16 | 0.17 | 6.1 | 0.19 | 0.18 | 0.19 | 0.2 | 0.13 | 0.16 | 0.13 | 0.22 | 0.22 | 0 | 0.2 |
| Selenium | 2.2 U | 2.2 U | NC | 2.3 J | 2.3 U | 2.2 U | 2.3 U | 2.4U | 2.5U | 2.4U | 2.3U | 2.4U | NC | 2.5U |
| Silver | 0.85 U | 0.95 U | NC | 0.90U | 0.95 U | 0.90 U | 1.00 U | 1.0U | 0.85U | 0.95U | 0.95U | 0.90U | NC | 1.0U |

U - Below Quantitation Limit (BQL); J - Detected below quantitation limit; B - Detected in Blank; NA - Not Analyzed.

* (1.1' - 1.7') - depth of sample from top of ground; # (DUP IC-2-1) - sample duplicate of IC-2-1; NC - not calculable; RPD - Relative Percent Difference.

Table 6-1b. Summary of Analytical Results: Phase II Soil Samples, Deep Soil Borings, ByPass Channel Site, IHNC, New Orleans, Louisiana (CONT'D):

| PARAMETER | IC-1-1 (1.1'-1.7') | IC-1A-2 (6.8'-7.4') | IC-1A3 (9.0'-10.9) | IC-1A-4 (15.5'-16.0') | IC-1A-5 (18.5'-19.0') | IC-1A-6 (24.0'-24.5') | IC-1A-7 (36.2'-36.7') | IC-2-1 (0.5'-0.8') | IC-2-8 (DUP IC-2-1)# | RPD | IC-2-2 (1.2'-1.7') | IC-2-3 (6.0'-6.5') | IC-2-4 (22.0'-22.5') | IC-2-5 (26.8'-29.3') | IC-2-6 (34.3'-34.7') |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Pesticides and PCBs, ug/kg | | | | | | | | | | | | | | | |
| alpha-BHC | 0.98U | 100U | 0.99U | 1.00U | 0.91U | 0.98U | 0.98U | NA | NA | NC | NA | NA | NA | NA | NA |
| beta-BHC | 1.97U | 199U | 1.98U | 2.00U | 1.81U | 1.96U | 1.97U | NA | NA | NC | NA | NA | NA | NA | NA |
| delta-BHC | 2.95U | 299U | 2.97U | 3.00U | 2.72U | 2.94U | 2.95U | NA | NA | NC | NA | NA | NA | NA | NA |
| gamma-BHC (Lindane) | 1.31U | 133U | 1.32U | 1.33U | 1.21U | 1.31U | 1.31U | NA | NA | NC | NA | NA | NA | NA | NA |
| Heptachlor | 0.98U | 100U | 0.99U | 1.00U | 0.91U | 0.98U | 0.98U | NA | NA | NC | NA | NA | NA | NA | NA |
| Aldrin | 1.31U | 133U | 1.32U | 1.33U | 1.21U | 1.31U | 1.31U | NA | NA | NC | NA | NA | NA | NA | NA |
| Heptachlor Epoxide | 0.98U | 100U | 0.99U | 1.00U | 0.91U | 0.98U | 0.98U | NA | NA | NC | NA | NA | NA | NA | NA |
| Endosulfan I | 4.59U | 465U | 4.63U | 4.66U | 4.23U | 4.57U | 4.60U | NA | NA | NC | NA | NA | NA | NA | NA |
| Dieldrin | 0.65U | 066U | 0.66U | 0.67U | 0.61U | 0.65U | 0.66U | NA | NA | NC | NA | NA | NA | NA | NA |
| 4,4'-DDE | 1.31U | 133U | 1.32U | 1.33U | 1.21U | 1.31U | 1.31U | NA | NA | NC | NA | NA | NA | NA | NA |
| Endrin | 1.97U | 199U | 1.98U | 2.00U | 1.81U | 1.96U | 1.97U | NA | NA | NC | NA | NA | NA | NA | NA |
| Endosulfan II | 1.31U | 133U | 1.32U | 1.33U | 1.21U | 1.31U | 1.13U | NA | NA | NC | NA | NA | NA | NA | NA |
| 4,4'-DDD | 3.60U | 365U | 3.63U | 3.66U | 3.33U | 3.59U | 3.61U | NA | NA | NC | NA | NA | NA | NA | NA |
| Endosulfan Sulfate | 21.6U | 21.9U | 21.8U | 22.0U | 20.0U | 21.5U | 21.7U | NA | NA | NC | NA | NA | NA | NA | NA |
| 4,4' DDT | 12.8 | 396U | 3.96U | 3.99U | 3.63U | 3.92U | 3.94U | NA | NA | NC | NA | NA | NA | NA | NA |
| 4,4'- Methoxychlor | 57.6U | 53.4U | 58.1U | 21.7 J | 53.2U | 57.4U | 57.6U | NA | NA | NC | NA | NA | NA | NA | NA |
| Endrin Aldehyde | 6.55U | 664U | 6.61U | 6.66U | 6.05U | 6.53U | 6.57U | NA | NA | NC | NA | NA | NA | NA | NA |
| Chlordane (technical) | 4.59U | 465U | 4.63U | 4.66U | 4.23U | 4.57U | 4.60U | NA | NA | NC | NA | NA | NA | NA | NA |
| Toxaphene | 78.6U | 79.7U | 79.3U | 79.9U | 72.6U | 78.3U | 78.6U | NA | NA | NC | NA | NA | NA | NA | NA |
| Arochlor-1016 | 16.4U | 13.6U | 16.5U | 16.6U | 15.1U | 16.3U | 16.4U | NA | NA | NC | NA | NA | NA | NA | NA |
| Arochlor-1221 | 16.4U | 13.6U | 16.5U | 16.6U | 15.1U | 16.3U | 16.4U | NA | NA | NC | NA | NA | NA | NA | NA |
| Arochlor-1232 | 16.4U | 13.6U | 16.5U | 16.6U | 15.1U | 16.3U | 16.4U | NA | NA | NC | NA | NA | NA | NA | NA |
| Arochlor-1242 | 16.4U | 13.6U | 16.5U | 16.6U | 15.1U | 16.3U | 16.4U | NA | NA | NC | NA | NA | NA | NA | NA |
| Arochlor-1248 | 16.4U | 13.6U | 16.5U | 16.6U | 15.1U | 16.3U | 16.4U | NA | NA | NC | NA | NA | NA | NA | NA |
| Arochlor-1254 | 32.8U | 33.2U | 33.0U | 33.3U | 30.2U | 32.6U | 32.8U | NA | NA | NC | NA | NA | NA | NA | NA |
| Arochlor-1260 | 32.8U | 33.2U | 33.0U | 33.3U | 30.2U | 32.6U | 32.8U | NA | NA | NC | NA | NA | NA | NA | NA |

U - Below Quantitation Limit (BQL); J - Detected bel ow quantitation limit; B - Detected in Blank; NA - Not Analyzed.

* (1.1' - 1.7') - depth of sample from top of ground; # (DUP IC-2-1) - sample duplicate of IC-2-1; NC - not calculable; RPD - Relative Percent Difference.

Table 6-1b. Summary of Analytical Results: Phase II Soil Samples, Deep Soil Borings, ByPass Channel Site, IHNC, New Orleans, Louisiana (CONT'D):

| PARAMETER | IC-2-7 (38.5'-40.0') | IC-3-1 (1.5'-1.75') | IC-3-2 (6.0-6.5' | IC-3-3 (8.5'-9.0') | IC-3-4 (13.5'-14.0') | IC-3-5 24.4'-24.5') | IC-3-6 (36.0'-38.5') | IC-3-7 (DUP IC-3-6)# | RPD | IC-4-1 (0.3'-0.8') | IC-4-2 (5.0'-5.5') | IC-4-3 (10.5'-11.0') | IC-4-4 (25.0'-25.5') | IC-4-5 (39.0'-39.5') |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Pesticides and PCBs, ug/kg | | | | | | | | | | | | | | |
| alpha-BHC | NA | NA | NA | NA | NA | NA | NA | NA | NC | NA | NA | NA | NA | NA |
| beta-BHC | NA | NA | NA | NA | NA | NA | NA | NA | NC | NA | NA | NA | NA | NA |
| delta-BHC | NA | NA | NA | NA | NA | NA | NA | NA | NC | NA | NA | NA | NA | NA |
| gamma-BHC (Lindane) | NA | NA | NA | NA | NA | NA | NA | NA | NC | NA | NA | NA | NA | NA |
| Heptachlor | NA | NA | NA | NA | NA | NA | NA | NA | NC | NA | NA | NA | NA | NA |
| Aldrin | NA | NA | NA | NA | NA | NA | NA | NA | NC | NA | NA | NA | NA | NA |
| Heptachlor Epoxide | NA | NA | NA | NA | NA | NA | NA | NA | NC | NA | NA | NA | NA | NA |
| Endosulfan I | NA | NA | NA | NA | NA | NA | NA | NA | NC | NA | NA | NA | NA | NA |
| Dieldrin | NA | NA | NA | NA | NA | NA | NA | NA | NC | NA | NA | NA | NA | NA |
| 4,4'-DDE | NA | NA | NA | NA | NA | NA | NA | NA | NC | NA | NA | NA | NA | NA |
| Endrin | NA | NA | NA | NA | NA | NA | NA | NA | NC | NA | NA | NA | NA | NA |
| Endosulfan II | NA | NA | NA | NA | NA | NA | NA | NA | NC | NA | NA | NA | NA | NA |
| 4,4'-DDD | NA | NA | NA | NA | NA | NA | NA | NA | NC | NA | NA | NA | NA | NA |
| Endosulfan Sulfate | NA | NA | NA | NA | NA | NA | NA | NA | NC | NA | NA | NA | NA | NA |
| 4,4' DDT | NA | NA | NA | NA | NA | NA | NA | NA | NC | NA | NA | NA | NA | NA |
| 4,4'- Methoxychlor | NA | NA | NA | NA | NA | NA | NA | NA | NC | NA | NA | NA | NA | NA |
| Endrin Aldehyde | NA | NA | NA | NA | NA | NA | NA | NA | NC | NA | NA | NA | NA | NA |
| Chlordane (technical) | NA | NA | NA | NA | NA | NA | NA | NA | NC | NA | NA | NA | NA | NA |
| Toxaphene | NA | NA | NA | NA | NA | NA | NA | NA | NC | NA | NA | NA | NA | NA |
| Arochlor-1016 | NA | NA | NA | NA | NA | NA | NA | NA | NC | NA | NA | NA | NA | NA |
| Arochlor-1221 | NA | NA | NA | NA | NA | NA | NA | NA | NC | NA | NA | NA | NA | NA |
| Arochlor-1232 | NA | NA | NA | NA | NA | NA | NA | NA | NC | NA | NA | NA | NA | NA |
| Arochlor-1242 | NA | NA | NA | NA | NA | NA | NA | NA | NC | NA | NA | NA | NA | NA |
| Arochlor-1248 | NA | NA | NA | NA | NA | NA | NA | NA | NC | NA | NA | NA | NA | NA |
| Arochlor-1254 | NA | NA | NA | NA | NA | NA | NA | NA | NC | NA | NA | NA | NA | NA |
| Arochlor-1260 | NA | NA | NA | NA | NA | NA | NA | NA | NC | NA | NA | NA | NA | NA |

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* (1.1' - 1.7') - depth of sample from top of ground; # (DUP IC-2-1) - sample duplicate of IC-2-1; NC - not calculable; RPD - Relative Percent Difference.

Table 6-1b. Summary of Analytical Results: Phase II Soil Samples, Deep Soil Borings, ByPass Channel Site, IHNC, New Orleans, Louisiana (CONT'D):

| PARAMETER | IC-5-1 (0.5'-1.3') | IC-5-2 (DUP IC-5-1)# | RPD | IC-5-3 (8.5'-9.5') | IC-5-4 (11.5'-12.5') | IC-5A-5 (23.0'-24.0') | IC-5A-6 (39.3'-40.1') | IC-6-1 (2.0'-3.0') | IC-6-2 (6.0'-7.0') | IC-6-3 (12.0'-13.0') | IC-6-4 (15.5'-18.5') | IC-6-5 (DUP IC-6-4)# | RPD | IC-6-6 (30.0'-30.4') |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Pesticides and PCBs, ug/kg | | | | | | | | | | | | | | |
| alpha-BHC | NA | NA | NC | NA | NA | NA | NA | 0.97U | 0.92U | 1.00U | 0.98U | 0.94U | NC | 0.96U |
| beta-BHC | NA | NA | NC | NA | NA | NA | NA | 1.93U | 1.85U | 2.00U | 1.95U | 1.89U | NC | 1.93U |
| delta-BHC | NA | NA | NC | NA | NA | NA | NA | 2.90U | 2.77U | 3.00U | 2.93U | 2.83U | NC | 2.89U |
| gamma-BHC (Lindane) | NA | NA | NC | NA | NA | NA | NA | 1.29U | 1.23U | 1.33U | 1.30U | 1.26U | NC | 1.29U |
| Heptachlor | NA | NA | NC | NA | NA | NA | NA | 0.97U | 0.92U | 1.00U | 0.98U | 0.94U | NC | 0.96U |
| Aldrin | NA | NA | NC | NA | NA | NA | NA | 1.29U | 1.23U | 1.33U | 1.30U | 1.26U | NC | 1.29U |
| Heptachlor Epoxide | NA | NA | NC | NA | NA | NA | NA | 0.97U | 0.92U | 1.00U | 0.98U | 0.94U | NC | 0.96U |
| Endosulfan I | NA | NA | NC | NA | NA | NA | NA | 4.51U | 4.31U | 4.67U | 4.56U | 4.41U | NC | 4.50U |
| Dieldrin | NA | NA | NC | NA | NA | NA | NA | 0.64U | 0.62U | 0.67U | 0.65U | 0.63U | NC | 0.64U |
| 4,4'-DDE | NA | NA | NC | NA | NA | NA | NA | 1.29U | 1.23U | 1.33U | 1.30U | 1.26U | NC | 1.29U |
| Endrin | NA | NA | NC | NA | NA | NA | NA | 1.93U | 1.85U | 2.00U | 1.95U | 1.89U | NC | 1.93U |
| Endosulfan II | NA | NA | NC | NA | NA | NA | NA | 1.29U | 1.23U | 1.33U | 1.30U | 1.26U | NC | 1.29U |
| 4,4'-DDD | NA | NA | NC | NA | NA | NA | NA | 3.54U | 3.39U | 3.67U | 3.58U | 3.46U | NC | 3.54U |
| Endosulfan Sulfate | NA | NA | NC | NA | NA | NA | NA | 21.2U | 20.3U | 22.0U | 21.5U | 20.8U | NC | 21.2U |
| 4,4' DDT | NA | NA | NC | NA | NA | NA | NA | 3.86U | 3.69U | 4.00U | 3.90U | 3.76U | NC | 3.86U |
| 4,4'- Methoxychlor | NA | NA | NC | NA | NA | NA | NA | 56.7U | 54.2U | 58.7U | 57.3U | 55.4U | NC | 56.6U |
| Endrin Aldehyde | NA | NA | NC | NA | NA | NA | NA | 6.44U | 6.16U | 6.67U | 6.51U | 6.30U | NC | 6.43U |
| Chlordane (technical) | NA | NA | NC | NA | NA | NA | NA | 4.51U | 4.31U | 4.67U | 4.56U | 4.41U | NC | 4.50U |
| Toxaphene | NA | NA | NC | NA | NA | NA | NA | 77.3U | 73.9U | 80.0U | 78.1U | 75.5U | NC | 77.2U |
| Arochlor-1016 | NA | NA | NC | NA | NA | NA | NA | 16.1U | 15.4U | 16.7U | 16.3U | 15.7U | NC | 16.1U |
| Arochlor-1221 | NA | NA | NC | NA | NA | NA | NA | 16.1U | 15.4U | 16.7U | 16.3U | 15.7U | NC | 16.1U |
| Arochlor-1232 | NA | NA | NC | NA | NA | NA | NA | 16.1U | 15.4U | 16.7U | 16.3U | 15.7U | NC | 16.1U |
| Arochlor-1242 | NA | NA | NC | NA | NA | NA | NA | 16.1U | 15.4U | 16.7U | 16.3U | 15.7U | NC | 16.1U |
| Arochlor-1248 | NA | NA | NC | NA | NA | NA | NA | 16.1U | 15.4U | 16.7U | 16.3U | 15.7U | NC | 16.1U |
| Arochlor-1254 | NA | NA | NC | NA | NA | NA | NA | 32.2U | 30.8U | 33.3U | 32.5U | 31.5U | NC | 32.2U |
| Arochlor-1260 | NA | NA | NC | NA | NA | NA | NA | 32.2U | 30.8U | 33.3U | 32.5U | 31.5U | NC | 32.2U |

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* (1.1' - 1.7') - depth of sample from top of ground; # (DUP IC-2-1) - sample duplicate of IC-2-1; NC - not calculable; RPD - Relative Percent Difference.