



REPORT OF ANALYSIS

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Project Name: Oliver Buildings.

Report Date: 11/1/04
EIS Order No: 041000105
EIS Sample No: 099701
EIS Project No: 2730-1000-04

Client Sample ID: South Pit Soil
Date Collected: 10/12/04
Date Received: 10/12/04
Collected By: L. Grauvogel

This report presents results of analysis for your sample(s) received under our Order No above. This Number is to be used in all inquiries concerning this report. The EIS Sample No above, as well as your Sample ID, refer to the first sample in a multi-sample submission

DEFINITIONS:

- MDL = Method Detection Limit normally achieved in the absence of interferences or other matrix difficulties.
- RDL = Reporting Detection Limit achieved in your sample. If numerically greater than the MDL, dilutions were required in order to perform the analysis. If numerically less than the MDL, alternate techniques were employed.
- nd = Not Detected at the RDL value. If present, result is less than this value.
- < = Not Detected at the numerical value shown. If present, result is less than this value.
- [] = Result is estimated due to matrix interferences or calibration curve exceedence.

CHAIN-OF-CUSTODY is enclosed if received with your sample submission.

DRINKING WATER CERTIFICATIONS: Chemistry = C-71-02 Bacteriology = M-76-5

NOTE: The North Waste Soil showed the presence of numerous substituted benzene compounds not part of VOC , SVOC or TPH targets. Concentration of these compounds is ESTIMATED at 10000 ppm.

QUALITY ASSURANCE OFFICER



LABORATORY DIRECTOR

The data in this report has been reviewed and complies with EIS Quality Control unless specifically addressed above.

SAMPLE RESULTS

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CLIENT SAMPLE ID: South Pit Soil
CLIENT PROJECT: Oliver Buildings.
SAMPLE TYPE: Soil/Sludge/Solid
Date Collected: 10/12/04

Report Date: 11/1/04
EIS Sample No: 099701
EIS Order No: 041000105
Date Received: 10/12/04

Parameter	Results	Units	RDL	MDL	Test Date	Analyst ID	Method
Moisture(%)	18	%	0.1	0.1	10/18/04	E21	160.3
TPH (DRO)	530	mg/kg(wet)	80	20	10/21/04	E16	8015 M

SAMPLE RESULTS

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CLIENT SAMPLE ID: South Pit Soil
 CLIENT PROJECT: Oliver Buildings.
 SAMPLE TYPE: Soil/Sludge/Solid
 Date Collected: 10/12/04

Report Date: 11/1/04
 EIS Sample No: 099701
 EIS Order No: 041000105
 Date Received: 10/12/04

Parameter	Results	Units	RDL	MDL	Test Date	Analyst ID	Method
SEMIVOLATILE ORGANICS							
Acenaphthene	nd	mg/kg(wet)	10	0.5	10/29/04	E01	8270 C
Acenaphthylene	nd	mg/kg(wet)	10	0.5	10/29/04	E01	8270 C
Aniline	nd	mg/kg(wet)	10	0.5	10/29/04	E01	8270 C
Anthracene	nd	mg/kg(wet)	10	0.5	10/29/04	E01	8270 C
Benzidine	nd	mg/kg(wet)	50	2.5	10/29/04	E01	8270 C
Benzo(a)anthracene	nd	mg/kg(wet)	10	0.5	10/29/04	E01	8270 C
Benzo(a)pyrene	nd	mg/kg(wet)	10	0.5	10/29/04	E01	8270 C
Benzo(b)fluoranthene	nd	mg/kg(wet)	10	0.5	10/29/04	E01	8270 C
Benzo(ghi)perylene	nd	mg/kg(wet)	10	0.5	10/29/04	E01	8270 C
Benzo(k)fluoranthene	nd	mg/kg(wet)	10	0.5	10/29/04	E01	8270 C
Benzoic acid	nd	mg/kg(wet)	50	2.5	10/29/04	E01	8270 C
Benzyl alcohol	nd	mg/kg(wet)	20	1	10/29/04	E01	8270 C
Bis(2-chloroethoxy)methane	nd	mg/kg(wet)	10	0.5	10/29/04	E01	8270 C
Bis(2-chloroethyl)ether	nd	mg/kg(wet)	10	0.5	10/29/04	E01	8270 C
Bis(2-chloroisopropyl)ether	nd	mg/kg(wet)	10	0.5	10/29/04	E01	8270 C
Bis(2-ethylhexyl)phthalate	nd	mg/kg(wet)	10	0.5	10/29/04	E01	8270 C
Bromophenyl-phenylether (4)	nd	mg/kg(wet)	10	0.5	10/29/04	E01	8270 C
Butyl benzyl phthalate	nd	mg/kg(wet)	10	0.5	10/29/04	E01	8270 C
Chloro-3-methylphenol (4)	nd	mg/kg(wet)	10	0.5	10/29/04	E01	8270 C
Chloroaniline (4)	nd	mg/kg(wet)	10	0.5	10/29/04	E01	8270 C
Chloronaphthalene (2)	nd	mg/kg(wet)	10	0.5	10/29/04	E01	8270 C
Chlorophenol (2)	nd	mg/kg(wet)	10	0.5	10/29/04	E01	8270 C
Chlorophenyl phenyl ether (4)	nd	mg/kg(wet)	10	0.5	10/29/04	E01	8270 C
Chrysene	nd	mg/kg(wet)	10	0.5	10/29/04	E01	8270 C
Di-n-butylphthalate	nd	mg/kg(wet)	10	0.5	10/29/04	E01	8270 C
Di-n-octylphthalate	nd	mg/kg(wet)	10	0.5	10/29/04	E01	8270 C
Dibenzo(a,h)anthracene	nd	mg/kg(wet)	10	0.5	10/29/04	E01	8270 C
Dibenzofuran	nd	mg/kg(wet)	10	0.5	10/29/04	E01	8270 C
Dichlorobenzene (1,2)	nd	mg/kg(wet)	10	0.5	10/29/04	E01	8270 C
Dichlorobenzene (1,3)	nd	mg/kg(wet)	10	0.5	10/29/04	E01	8270 C
Dichlorobenzene (1,4)	nd	mg/kg(wet)	10	0.5	10/29/04	E01	8270 C
Dichlorobenzidine (3,3')	nd	mg/kg(wet)	10	0.5	10/29/04	E01	8270 C
Dichlorophenol (2,4)	nd	mg/kg(wet)	10	0.5	10/29/04	E01	8270 C
Diethyl phthalate	nd	mg/kg(wet)	10	0.5	10/29/04	E01	8270 C
Dimethyl phthalate	nd	mg/kg(wet)	10	0.5	10/29/04	E01	8270 C
Dimethylphenol (2,4)	nd	mg/kg(wet)	10	0.5	10/29/04	E01	8270 C
4-nitrophenol (2,4)	nd	mg/kg(wet)	50	2.5	10/29/04	E01	8270 C
Dinitrotoluene (2,4)	nd	mg/kg(wet)	10	0.5	10/29/04	E01	8270 C

SAMPLE RESULTS

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CLIENT SAMPLE ID: South Pit Soil
 CLIENT PROJECT: Oliver Buildings.
 SAMPLE TYPE: Soil/Sludge/Solid
 Date Collected: 10/12/04

Report Date: 11/1/04
 EIS Sample No: 099701
 EIS Order No: 041000105
 Date Received: 10/12/04

Parameter	Results	Units	RDL	MDL	Test Date	Analyst ID	Method
Dinitrotoluene (2,6)	nd	mg/kg(wet)	10	0.5	10/29/04	E01	8270 C
Diphenylhydrazine (1,2)	nd	mg/kg(wet)	10	0.5	10/29/04	E01	8270 C
Fluoranthene	nd	mg/kg(wet)	10	0.5	10/29/04	E01	8270 C
Fluorene	nd	mg/kg(wet)	10	0.5	10/29/04	E01	8270 C
Hexachlorobenzene	nd	mg/kg(wet)	10	0.5	10/29/04	E01	8270 C
Hexachlorobutadiene	nd	mg/kg(wet)	10	0.5	10/29/04	E01	8270 C
Hexachlorocyclopentadiene	nd	mg/kg(wet)	10	0.5	10/29/04	E01	8270 C
Hexachloroethane	nd	mg/kg(wet)	10	0.5	10/29/04	E01	8270 C
Indeno(1,2,3-cd)pyrene	nd	mg/kg(wet)	10	0.5	10/29/04	E01	8270 C
Isophorone	nd	mg/kg(wet)	10	0.5	10/29/04	E01	8270 C
Methyl-4,6-dinitrophenol (2)	nd	mg/kg(wet)	50	2.5	10/29/04	E01	8270 C
Methylnaphthalene (2)	nd	mg/kg(wet)	10	0.5	10/29/04	E01	8270 C
Methylphenol (2)	nd	mg/kg(wet)	10	0.5	10/29/04	E01	8270 C
Methylphenol (4)	nd	mg/kg(wet)	10	0.5	10/29/04	E01	8270 C
Naphthalene	nd	mg/kg(wet)	10	0.5	10/29/04	E01	8270 C
Nitroaniline (2)	nd	mg/kg(wet)	10	0.5	10/29/04	E01	8270 C
Nitroaniline (3)	nd	mg/kg(wet)	10	0.5	10/29/04	E01	8270 C
Nitroaniline (4)	nd	mg/kg(wet)	10	0.5	10/29/04	E01	8270 C
Nitrobenzene	nd	mg/kg(wet)	10	0.5	10/29/04	E01	8270 C
Nitrophenol (2)	nd	mg/kg(wet)	10	0.5	10/29/04	E01	8270 C
Nitrophenol (4)	nd	mg/kg(wet)	50	2.5	10/29/04	E01	8270 C
Nitroso-di-methylamine (normal)	nd	mg/kg(wet)	10	0.5	10/29/04	E01	8270 C
Nitroso-di-n-propylamine (normal)	nd	mg/kg(wet)	10	0.5	10/29/04	E01	8270 C
Nitroso-di-phenylamine (normal)	nd	mg/kg(wet)	10	0.5	10/29/04	E01	8270 C
Pentachlorophenol	nd	mg/kg(wet)	50	2.5	10/29/04	E01	8270 C
Phenanthrene	nd	mg/kg(wet)	10	0.5	10/29/04	E01	8270 C
Phenol	nd	mg/kg(wet)	10	0.5	10/29/04	E01	8270 C
Pyrene	nd	mg/kg(wet)	10	0.5	10/29/04	E01	8270 C
Pyridine	nd	mg/kg(wet)	10	0.5	10/29/04	E01	8270 C
Trichlorobenzene (1,2,4)	nd	mg/kg(wet)	10	0.5	10/29/04	E01	8270 C
Trichlorophenol (2,4,5)	nd	mg/kg(wet)	10	0.5	10/29/04	E01	8270 C
Trichlorophenol (2,4,6)	nd	mg/kg(wet)	10	0.5	10/29/04	E01	8270 C

SAMPLE RESULTS

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CLIENT SAMPLE ID: North Waste Soil
CLIENT PROJECT: Oliver Buildings.
SAMPLE TYPE: Soil/Sludge/Solid
Date Collected: 10/12/04

Report Date: 11/1/04
EIS Sample No: 099702
EIS Order No: 041000105
Date Received: 10/12/04

Parameter	Results	Units	RDL	MDL	Test Date	Analyst ID	Method
Moisture(%)	11	%	0.1	0.1	10/18/04	E21	160.3
TPH (DRO)	670	mg/kg(wet)	80	20	10/21/04	E16	8015 M

SAMPLE RESULTS

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CLIENT SAMPLE ID: North Waste Soil
 CLIENT PROJECT: Oliver Buildings.
 SAMPLE TYPE: Soil/Sludge/Solid
 Date Collected: 10/12/04

Report Date: 11/1/04
 EIS Sample No: 099702
 EIS Order No: 041000105
 Date Received: 10/12/04

Parameter	Results	Units	RDL	MDL	Test Date	Analyst ID	Method
SEMIVOLATILE ORGANICS							
Acenaphthene	nd	mg/kg(wet)	10	0.5	10/29/04	E01	8270 C
Acenaphthylene	nd	mg/kg(wet)	10	0.5	10/29/04	E01	8270 C
Aniline	nd	mg/kg(wet)	10	0.5	10/29/04	E01	8270 C
Anthracene	nd	mg/kg(wet)	10	0.5	10/29/04	E01	8270 C
Benzidine	nd	mg/kg(wet)	50	2.5	10/29/04	E01	8270 C
Benzo(a)anthracene	nd	mg/kg(wet)	10	0.5	10/29/04	E01	8270 C
Benzo(a)pyrene	nd	mg/kg(wet)	10	0.5	10/29/04	E01	8270 C
Benzo(b)fluoranthene	nd	mg/kg(wet)	10	0.5	10/29/04	E01	8270 C
Benzo(ghi)perylene	nd	mg/kg(wet)	10	0.5	10/29/04	E01	8270 C
Benzo(k)fluoranthene	nd	mg/kg(wet)	10	0.5	10/29/04	E01	8270 C
Benzoic acid	nd	mg/kg(wet)	50	2.5	10/29/04	E01	8270 C
Benzyl alcohol	nd	mg/kg(wet)	20	1	10/29/04	E01	8270 C
Bis(2-chloroethoxy)methane	nd	mg/kg(wet)	10	0.5	10/29/04	E01	8270 C
Bis(2-chloroethyl)ether	nd	mg/kg(wet)	10	0.5	10/29/04	E01	8270 C
Bis(2-chloroisopropyl)ether	nd	mg/kg(wet)	10	0.5	10/29/04	E01	8270 C
Bis(2-ethylhexyl)phthalate	nd	mg/kg(wet)	10	0.5	10/29/04	E01	8270 C
Bromophenyl-phenylether (4)	nd	mg/kg(wet)	10	0.5	10/29/04	E01	8270 C
Butyl benzyl phthalate	nd	mg/kg(wet)	10	0.5	10/29/04	E01	8270 C
Chloro-3-methylphenol (4)	nd	mg/kg(wet)	10	0.5	10/29/04	E01	8270 C
Chloroaniline (4)	nd	mg/kg(wet)	10	0.5	10/29/04	E01	8270 C
Chloronaphthalene (2)	nd	mg/kg(wet)	10	0.5	10/29/04	E01	8270 C
Chlorophenol (2)	nd	mg/kg(wet)	10	0.5	10/29/04	E01	8270 C
Chlorophenyl phenyl ether (4)	nd	mg/kg(wet)	10	0.5	10/29/04	E01	8270 C
Chrysene	nd	mg/kg(wet)	10	0.5	10/29/04	E01	8270 C
Di-n-butylphthalate	nd	mg/kg(wet)	10	0.5	10/29/04	E01	8270 C
Di-n-octylphthalate	nd	mg/kg(wet)	10	0.5	10/29/04	E01	8270 C
Dibenzo(a,h)anthracene	nd	mg/kg(wet)	10	0.5	10/29/04	E01	8270 C
Dibenzofuran	nd	mg/kg(wet)	10	0.5	10/29/04	E01	8270 C
Dichlorobenzene (1,2)	nd	mg/kg(wet)	10	0.5	10/29/04	E01	8270 C
Dichlorobenzene (1,3)	nd	mg/kg(wet)	10	0.5	10/29/04	E01	8270 C
Dichlorobenzene (1,4)	nd	mg/kg(wet)	10	0.5	10/29/04	E01	8270 C
Dichlorobenzidine (3,3')	nd	mg/kg(wet)	10	0.5	10/29/04	E01	8270 C
Dichlorophenol (2,4)	nd	mg/kg(wet)	10	0.5	10/29/04	E01	8270 C
Diethyl phthalate	nd	mg/kg(wet)	10	0.5	10/29/04	E01	8270 C
Dimethyl phthalate	nd	mg/kg(wet)	10	0.5	10/29/04	E01	8270 C
Dimethylphenol (2,4)	nd	mg/kg(wet)	10	0.5	10/29/04	E01	8270 C
4-nitrophenol (2,4)	nd	mg/kg(wet)	50	2.5	10/29/04	E01	8270 C
2,4-Dinitrotoluene (2,4)	nd	mg/kg(wet)	10	0.5	10/29/04	E01	8270 C

SAMPLE RESULTS

CLIENT SAMPLE ID: North Waste Soil
 CLIENT PROJECT: Oliver Buildings.
 SAMPLE TYPE: Soil/Sludge/Solid
 Date Collected: 10/12/04

Report Date: 11/1/04
 EIS Sample No: 099702
 EIS Order No: 041000105
 Date Received: 10/12/04

Parameter	Results	Units	RDL	MDL	Test Date	Analyst ID	Method
Dinitrotoluene (2,6)	nd	mg/kg(wet)	10	0.5	10/29/04	E01	8270 C
Diphenylhydrazine (1,2)	nd	mg/kg(wet)	10	0.5	10/29/04	E01	8270 C
Fluoranthene	12.0	mg/kg(wet)	10	0.5	10/29/04	E01	8270 C
Fluorene	nd	mg/kg(wet)	10	0.5	10/29/04	E01	8270 C
Hexachlorobenzene	nd	mg/kg(wet)	10	0.5	10/29/04	E01	8270 C
Hexachlorobutadiene	nd	mg/kg(wet)	10	0.5	10/29/04	E01	8270 C
Hexachlorocyclopentadiene	nd	mg/kg(wet)	10	0.5	10/29/04	E01	8270 C
Hexachloroethane	nd	mg/kg(wet)	10	0.5	10/29/04	E01	8270 C
Indeno(1,2,3-cd)pyrene	nd	mg/kg(wet)	10	0.5	10/29/04	E01	8270 C
Isophorone	nd	mg/kg(wet)	10	0.5	10/29/04	E01	8270 C
Methyl-4,6-dinitrophenol (2)	nd	mg/kg(wet)	50	2.5	10/29/04	E01	8270 C
Methylnaphthalene (2)	nd	mg/kg(wet)	10	0.5	10/29/04	E01	8270 C
Methylphenol (2)	nd	mg/kg(wet)	10	0.5	10/29/04	E01	8270 C
Methylphenol (4)	nd	mg/kg(wet)	10	0.5	10/29/04	E01	8270 C
Naphthalene	nd	mg/kg(wet)	10	0.5	10/29/04	E01	8270 C
Nitroaniline (2)	nd	mg/kg(wet)	10	0.5	10/29/04	E01	8270 C
Nitroaniline (3)	nd	mg/kg(wet)	10	0.5	10/29/04	E01	8270 C
Nitroaniline (4)	nd	mg/kg(wet)	10	0.5	10/29/04	E01	8270 C
Nitrobenzene	nd	mg/kg(wet)	10	0.5	10/29/04	E01	8270 C
Nitrophenol (2)	nd	mg/kg(wet)	10	0.5	10/29/04	E01	8270 C
Nitrophenol (4)	nd	mg/kg(wet)	50	2.5	10/29/04	E01	8270 C
Nitroso-di-methylamine (normal)	nd	mg/kg(wet)	10	0.5	10/29/04	E01	8270 C
Nitroso-di-n-propylamine (normal)	nd	mg/kg(wet)	10	0.5	10/29/04	E01	8270 C
Nitroso-di-phenylamine (normal)	nd	mg/kg(wet)	10	0.5	10/29/04	E01	8270 C
Pentachlorophenol	nd	mg/kg(wet)	50	2.5	10/29/04	E01	8270 C
Phenanthrene	nd	mg/kg(wet)	10	0.5	10/29/04	E01	8270 C
Phenol	nd	mg/kg(wet)	10	0.5	10/29/04	E01	8270 C
Pyrene	10.0	mg/kg(wet)	10	0.5	10/29/04	E01	8270 C
Pyridine	nd	mg/kg(wet)	10	0.5	10/29/04	E01	8270 C
Trichlorobenzene (1,2,4)	nd	mg/kg(wet)	10	0.5	10/29/04	E01	8270 C
Trichlorophenol (2,4,5)	nd	mg/kg(wet)	10	0.5	10/29/04	E01	8270 C
Trichlorophenol (2,4,6)	nd	mg/kg(wet)	10	0.5	10/29/04	E01	8270 C

SAMPLE RESULTS

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CLIENT SAMPLE ID: North Waste Soil
 CLIENT PROJECT: Oliver Buildings.
 SAMPLE TYPE: Soil/Sludge/Solid
 Date Collected: 10/12/04

Report Date: 11/1/04
 EIS Sample No: 099702
 EIS Order No: 041000105
 Date Received: 10/12/04

Parameter	Results	Units	RDL	MDL	Test Date	Analyst ID	Method
VOLATILE ORGANICS							
Acetone	nd	mg/kg(wet)	2.2	0.5	10/29/04	E04	8260 B
Benzene	nd	mg/kg(wet)	0.22	0.05	10/29/04	E04	8260 B
Bromobenzene	nd	mg/kg(wet)	0.22	0.05	10/29/04	E04	8260 B
Bromochloromethane	nd	mg/kg(wet)	0.22	0.05	10/29/04	E04	8260 B
Bromodichloromethane	nd	mg/kg(wet)	0.22	0.05	10/29/04	E04	8260 B
Bromoform	nd	mg/kg(wet)	0.44	0.1	10/29/04	E04	8260 B
Bromomethane	nd	mg/kg(wet)	1.1	0.25	10/29/04	E04	8260 B
Butylbenzene (normal)	nd	mg/kg(wet)	0.22	0.05	10/29/04	E04	8260 B
Butylbenzene (sec)	nd	mg/kg(wet)	0.22	0.05	10/29/04	E04	8260 B
Butylbenzene (tert)	nd	mg/kg(wet)	0.22	0.05	10/29/04	E04	8260 B
Carbon Tetrachloride	nd	mg/kg(wet)	0.44	0.1	10/29/04	E04	8260 B
Chlorobenzene	nd	mg/kg(wet)	0.22	0.05	10/29/04	E04	8260 B
Chloroethane	nd	mg/kg(wet)	0.44	0.1	10/29/04	E04	8260 B
Chloroform	nd	mg/kg(wet)	0.22	0.05	10/29/04	E04	8260 B
Chloromethane	nd	mg/kg(wet)	0.44	0.1	10/29/04	E04	8260 B
Chlorotoluene (2)	nd	mg/kg(wet)	0.22	0.05	10/29/04	E04	8260 B
Chlorotoluene (4)	nd	mg/kg(wet)	0.22	0.05	10/29/04	E04	8260 B
Dibromo-3-chloropropane (1,2)	nd	mg/kg(wet)	1.1	0.25	10/29/04	E04	8260 B
Dibromochloromethane	nd	mg/kg(wet)	0.22	0.05	10/29/04	E04	8260 B
Dibromoethane (1,2)	nd	mg/kg(wet)	0.22	0.05	10/29/04	E04	8260 B
Dibromomethane	nd	mg/kg(wet)	0.44	0.1	10/29/04	E04	8260 B
Dichlorobenzene (1,2)	nd	mg/kg(wet)	0.22	0.05	10/29/04	E04	8260 B
Dichlorobenzene (1,3)	nd	mg/kg(wet)	0.22	0.05	10/29/04	E04	8260 B
Dichlorobenzene (1,4)	nd	mg/kg(wet)	0.22	0.05	10/29/04	E04	8260 B
Dichlorodifluoromethane	nd	mg/kg(wet)	0.22	0.05	10/29/04	E04	8260 B
Dichloroethane (1,1)	nd	mg/kg(wet)	0.22	0.05	10/29/04	E04	8260 B
Dichloroethane (1,2)	nd	mg/kg(wet)	0.22	0.05	10/29/04	E04	8260 B
Dichloroethene (1,1)	nd	mg/kg(wet)	0.44	0.1	10/29/04	E04	8260 B
Dichloroethene (c-1,2)	nd	mg/kg(wet)	0.22	0.05	10/29/04	E04	8260 B
Dichloroethene (t-1,2)	nd	mg/kg(wet)	0.22	0.05	10/29/04	E04	8260 B
Dichloropropane (1,2)	nd	mg/kg(wet)	1.1	0.25	10/29/04	E04	8260 B
Dichloropropane (1,3)	nd	mg/kg(wet)	1.1	0.25	10/29/04	E04	8260 B
Dichloropropane (2,2)	nd	mg/kg(wet)	1.1	0.25	10/29/04	E04	8260 B
Dichloropropene (1,1)	nd	mg/kg(wet)	1.1	0.25	10/29/04	E04	8260 B
Dichloropropene (c-1,3)	nd	mg/kg(wet)	1.1	0.25	10/29/04	E04	8260 B
Dichloropropene (t-1,3)	nd	mg/kg(wet)	1.1	0.25	10/29/04	E04	8260 B
Diethyl ether	nd	mg/kg(wet)	2.2	0.5	10/29/04	E04	8260 B
Ethylbenzene	nd	mg/kg(wet)	0.22	0.05	10/29/04	E04	8260 B

SAMPLE RESULTS

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CLIENT SAMPLE ID: North Waste Soil
 CLIENT PROJECT: Oliver Buildings.
 SAMPLE TYPE: Soil/Sludge/Solid
 Date Collected: 10/12/04

Report Date: 11/1/04
 EIS Sample No: 099702
 EIS Order No: 041000105
 Date Received: 10/12/04

Parameter	Results	Units	RDL	MDL	Test Date	Analyst ID	Method
Hexachlorobutadiene	nd	mg/kg(wet)	0.44	0.1	10/29/04	E04	8260 B
Hexanone (2-)	nd	mg/kg(wet)	2.2	0.5	10/29/04	E04	8260 B
Isopropylbenzene	nd	mg/kg(wet)	0.22	0.05	10/29/04	E04	8260 B
Isopropyltoluene (para)	nd	mg/kg(wet)	0.22	0.05	10/29/04	E04	8260 B
Methyl Ethyl Ketone (MEK)	nd	mg/kg(wet)	2.2	0.5	10/29/04	E04	8260 B
Methyl Isobutyl Ketone (MIBK)	nd	mg/kg(wet)	2.2	0.5	10/29/04	E04	8260 B
Methylbutylether (tert) (MTBE)	nd	mg/kg(wet)	0.44	0.1	10/29/04	E04	8260 B
Methylene chloride	nd	mg/kg(wet)	0.44	0.1	10/29/04	E04	8260 B
Naphthalene	nd	mg/kg(wet)	0.22	0.05	10/29/04	E04	8260 B
Propylbenzene (normal)	nd	mg/kg(wet)	0.22	0.05	10/29/04	E04	8260 B
Styrene	nd	mg/kg(wet)	0.22	0.05	10/29/04	E04	8260 B
Tetrachloroethane (1,1,1,2)	nd	mg/kg(wet)	0.44	0.1	10/29/04	E04	8260 B
Tetrachloroethane (1,1,2,2)	nd	mg/kg(wet)	0.44	0.1	10/29/04	E04	8260 B
Tetrachloroethene	nd	mg/kg(wet)	0.22	0.05	10/29/04	E04	8260 B
Toluene	nd	mg/kg(wet)	0.22	0.05	10/29/04	E04	8260 B
Trichlorobenzene (1,2,3)	nd	mg/kg(wet)	0.22	0.05	10/29/04	E04	8260 B
Trichlorobenzene (1,2,4)	nd	mg/kg(wet)	0.22	0.05	10/29/04	E04	8260 B
Trichloroethane (1,1,1)	nd	mg/kg(wet)	0.22	0.05	10/29/04	E04	8260 B
Trichloroethane (1,1,2)	nd	mg/kg(wet)	0.22	0.05	10/29/04	E04	8260 B
Trichloroethene	nd	mg/kg(wet)	0.22	0.05	10/29/04	E04	8260 B
Trichlorofluoromethane	nd	mg/kg(wet)	0.22	0.05	10/29/04	E04	8260 B
Trichloropropane (1,2,3)	nd	mg/kg(wet)	1.1	0.25	10/29/04	E04	8260 B
Trimethylbenzene (1,2,4)	nd	mg/kg(wet)	0.22	0.05	10/29/04	E04	8260 B
Trimethylbenzene (1,3,5)	nd	mg/kg(wet)	0.22	0.05	10/29/04	E04	8260 B
Vinyl acetate	nd	mg/kg(wet)	2.2	0.5	10/29/04	E04	8260 B
Vinyl Chloride	nd	mg/kg(wet)	0.44	0.1	10/29/04	E04	8260 B
Xylene (ortho)	1.50	mg/kg(wet)	0.22	0.05	10/29/04	E04	8260 B
Xylenes (meta + para)	nd	mg/kg(wet)	0.44	0.1	10/29/04	E04	8260 B

SAMPLE PREPARATION INFORMATION

Client Name: Grauvogel & Associates
Client Project: Oliver Buildings.

Report Date: 11/1/04
EIS Order No: 041000105

EIS Lab Number	Client Description	Sample Date	Procedure	Result	Date Completed	Analyst	Method
099701	South Pit Soil	10/12/04	Extract BETX/TPH	Complete	10/18/04	E16	8015
		10/12/04	Extract SVOC	Complete	10/19/04	E16	3540 C
099702	North Waste Soil	10/12/04	Extract BETX/TPH	Complete	10/18/04	E16	8015
		10/12/04	Extract SVOC	Complete	10/19/04	E16	3540 C
		10/12/04	Extract VOC	Complete	10/18/04	E16	8260 B

QUALITY ASSURANCE / QUALITY CONTROL DATA
Method Specific Surrogate Compound Recoveries

EIS Order ID: 041000105

Normal Test	Surrogate	QUALITY CONTROL LIMITS			
		Methods		QC Limits	
		Water	Soil	Water	Soil
Herbicides	2,4-Dichlorophenylaceticacid(DCAA)	615 / 8151A / 8270C	8270C	15 - 135	
Pesticides / PCB	2,4,5,6-Tetrachloro-m-xylene(TCMX)	608 / 8081A / 8082 / 508	8082	22 - 145	40 - 150
Pesticides / PCB	Decachlorobiphenyl(DCB)	608 / 8081A / 508	8082	22 - 145	40 - 150
SOC (svoc)	Perylene, d12	525.2		30 - 140	
SVOC (acid)	2-Fluorophenol	625 / 8270C	8270C	21 - 100	25 - 121
SVOC (acid)	Phenol, d5	625 / 8270C	8270C	10 - 94	24 - 113
SVOC (base/neutral)	Nitrobenzene, d5	625 / 8270C	8270C	35 - 114	23 - 120
SVOC (base/neutral)	2-Fluorobiphenyl	625 / 8270C	8270C	43 - 116	30 - 115
SVOC (acid)	2,4,6-Tribromophenol	625 / 8270C	8270C	10 - 123	19 - 122
SVOC (base/neutral)	Terphenyl, d14	625 / 8270C	8270C	33 - 141	18 - 137
TPH	Styrene	8015M	8015M	30 - 90	34 - 90
VOC / BETX / TPH	1,2-Dichloroethane, d4	624 / 8260B / 524.2	8260B	70 - 130	70 - 130
VOC / BETX / TPH	Toluene, d8	624 / 8260B / 524.2	8260B	70 - 130	70 - 130
VOC / BETX / TPH	Bromofluorobenzene(BFB)	624 / 8260B / 524.2	8260B	70 - 130	70 - 130

EIS Lab No	Client Sample ID	Method	Matrix	Surrogate	%Recovery
099701	South Pit Soil	8015 M	Soil/Sludge/Solid	Styrene (SS)	46
099701	South Pit Soil	8270 C	Soil/Sludge/Solid	2,4,6-Tribromophenol (SS)	84
		8270 C	Soil/Sludge/Solid	2-Fluorobiphenyl (SS)	50
		8270 C	Soil/Sludge/Solid	2-Fluorophenol (SS)	90
		8270 C	Soil/Sludge/Solid	Nitrobenzene-d5 (SS)	72
		8270 C	Soil/Sludge/Solid	Phenol-d5 (SS)	85
		8270 C	Soil/Sludge/Solid	Terphenyl-d14 (SS)	53
099702	North Waste Soil	8015 M	Soil/Sludge/Solid	Styrene (SS)	-1
099702	North Waste Soil	8260 B	Soil/Sludge/Solid	1,2-Dichloroethane-d4 (SS)	83
		8260 B	Soil/Sludge/Solid	4-Bromofluorobenzene (SS)	100
		8260 B	Soil/Sludge/Solid	Toluene-d8 (SS)	103
099702	North Waste Soil	8270 C	Soil/Sludge/Solid	2,4,6-Tribromophenol (SS)	80
		8270 C	Soil/Sludge/Solid	2-Fluorobiphenyl (SS)	53
		8270 C	Soil/Sludge/Solid	2-Fluorophenol (SS)	95
		8270 C	Soil/Sludge/Solid	Nitrobenzene-d5 (SS)	70
		8270 C	Soil/Sludge/Solid	Phenol-d5 (SS)	85
		8270 C	Soil/Sludge/Solid	Terphenyl-d14 (SS)	55

Legend: -1 = Surrogates diluted out -2 = Surrogates not used -999 = Interference in response area