GZA
GeoEnvironmental, Inc.

Engineers and Scientists

October 3, 1996
File No. 21098.5

Mr. Robert Haslam
Hazardous Materials Management Division
State of Vermont Agency of Natural Resources
103 South Main Street, West Building
Waterbury, Vermont 05671-0404

Re: Additional Petroleum Contaminated Soils Disposal
Rutland Plaza Site
Rutland, Vermont

380 Harvey Road
Manchester
New Hampshire 03103
603-623-3600
FAX 603-624-9463

Dear Mr. Haslam:

GZA GeoEnvironmental, Inc. (GZA) is submitting this letter work plan, on behalf of NET Properties Management, Inc. (NET), to obtain approval for the out-of-state disposal of an estimated 1600 tons of petroleum-contaminated soils in accordance with the procedures specified in the State of Vermont's policy document entitled *Agency Guidelines for Petroleum Contaminated Soil and Carbon Media* dated August 3, 1992. Petroleum-contaminated soil from the above-referenced Site was previously disposed out of State in accordance with the work plan dated June 23, 1994 and your approval. This submittal is requesting that the additional waste materials also be authorized for transport to and disposal at the Resource Conservation and Recovery Act Subtitle D landfill facility operated by Casella Waste Management, Inc. (formerly Consumat Sanco, Inc.) and located in Bethlehem, New Hampshire.

SITE BACKGROUND AND WASTESTREAM DESCRIPTION

Similarly to the previously disposed waste materials, the subject waste materials were generated during development activities at the Rutland Plaza, which included Phase II (cinema) and Phase III (Walmart) construction. Petroleum contaminated soils were encountered during excavation activities conducted while constructing the new buildings and associated utilities. The excavated soils were screened in the field using a photoionization detector (PID). Soils found to be contaminated by PID screening readings in excess of 5 ppm were staged in a covered stockpile on a parcel owned by NET and adjoining the Site to the south.

A Subsidiary of GZA GeoEnvironmental Technologies, Inc.

It is estimated that 1600 tons of clayey sands are currently staged on the adjoining parcel for removal. The contamination is assumed to have originated from incidental surface spillage during past commercial and industrial site use. Historical laboratory data for the previously disposed waste material indicated that the materials were contaminated with #2 fuel-oil/diesel, which GZA believes likely also applies to the currently stockpiled soils. The highest concentrations of semi-volatile organic compounds found to be present were 160.9 ppm. No other contaminants were detected that would potentially cause this material to be classified as either a listed or characteristic hazardous waste. A summary of analytical results (Table 1) is attached along with laboratory analytical reports.

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REGULATORY CLASSIFICATION AND PREFERRED DISPOSAL METHOD

Based on the results of the hazardous waste analytical characterization performed along with the site history information, GZA requests that the Hazardous Materials Management Division grant the out-of-state disposal approval requested and subsequently forward the results of your review to the Solid Waste Division for final approval to allow these materials to be managed as a non-hazardous solid waste.

On behalf of NET, a similar request has been made for review by Mr. Carl Woodbury at the New Hampshire Department of Environmental Services and has tentatively obtained the approval of Casella for acceptance of these materials.

REMEDIAL SCHEDULE AND CLOSING STATEMENTS

It is GZA's intent to expedite the regulatory review and approval processes for acceptance of the contaminated materials by Casella so that the material can begin to be transported and disposed on October 8, 1996, and completed by October 15, 1996, in accordance with the Act 250 Permit for the site.

GZA and NET sincerely appreciate your time and cooperation in this matter. We trust that the information provided is sufficient for your consideration of this request. However, if you have any questions, or require additional information, please contact us.

Very truly yours,

GZA GEOENVIRONMENTAL, INC.

Nancy J. Nichols

Nancy J. Nichols, P.E.
Assistant Project Manager

Steven R. Lamb, C.G.W.P.
Associate Principal

NJN/SRL:sda
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Attachments: Table 1
Laboratory Analytical Reports

cc: Mr. Larry Pope, NET Properties Management, Inc.
Mr. Richard Spiese, Vermont Hazardous Materials Management Division
Mr. Charles Schwer, Supervisor of Vermont Sites Management
Mr. James Surwilo, Vermont Solid Waste Division
Mr. Michael Viani, Casella Waste Management, Inc.

TABLE 1
SUMMARY OF ANALYTICAL RESULTS - PETROLEUM-CONTAMINATED SOIL STOCKPILES
Rutland Plaza, Rutland Vermont

SAMPLE ID	VOC DETECTED	VOCS CONCENTRATION (ug/kg)	SEMI-VOC DETECTED	SEMI-VOCS CONCENTRATION (ug/kg)	PCB CONCENTRATION (ug/kg)	TPH CONCENTRATION (ug/g)	METAL DETECTED	METALS CONCENTRATION (mg/L)
SP-1	---	ND	Phenanthrene	350	ND	130	Barium	0.567
			Fluoranthene	530			Cadium	0.003
			Pyrene	500			Lead	3.6
SP-2	---	ND	---	ND	ND	21	Barium	0.456
							Lead	0.0610
SP-3	---	ND	Fluoranthene	990	ND	30	Barium	0.413
			Pyrene	990			Lead	0.0630
			Benzo[a]Anthracene	720				
			Chrysene	910				
			Benzo[b]Fluoranthene	970				
			Benzo[k]Fluoranthene	840				
			Benzo[a]Pyrene	790				
SP-4	---	ND	Acenaphtylene	750	ND	37	Silver	0.0220
			Phenanthrene	3,600			Barium	0.594
			Anthracene	1,100			Lead	0.130
			Fluoranthene	6,900				
			Pyrene	6,400				
			Benzo[a]Anthracene	3,800				
			Chrysene	3,700				
			Benzo[b]Fluoranthene	3,500				
			Benzo[k]Fluoranthene	3,500				
			Benzo[a]Pyrene	4,500				
			Indeno[1,2,3-cd]Pyrene	2,000				
			Benzo[g,h,i]Perylene	2,000				
SP-5	---	ND	---	ND	ND	ND	Barium	0.374
SP-6	---	ND	Acenaphthylene	1,900	ND	140	Barium	0.548
			Dibenzofuran	1,500			Cadium	0.005
			Fluorene	2,600			Lead	0.1070
			Phenanthrene	16,000				
			Anthracene	5,700				
			Fluoranthene	23,000				
			Pyrene	23,000				
			Benzo[a]Anthracene	15,000				
			Chrysene	15,000				

TABLE 1
SUMMARY OF ANALYTICAL RESULTS - PETROLEUM-CONTAMINATED SOIL STOCKPILES
Rutland Plaza, Rutland Vermont

SAMPLE ID	VOC DETECTED	VOCS CONCENTRATION (ug/kg)	SEMI-VOC DETECTED	SEMI-VOCS CONCENTRATION (ug/kg)	PCB CONCENTRATION (ug/kg)	TPH CONCENTRATION (ug/g)	METAL DETECTED	METALS CONCENTRATION (mg/L)
SP-6 (cont.)			Benzo[b]Fluoranthene	12,000				
			Benzo[k]Fluoranthene	13,000				
			Benzo[a]Pyrene	17,000				
			Indeno[1,2,3-cd]Pyrene	7,300				
			Dibenzo[a,h]Anthracene	1,500				
			Benzo[g,h,i]Perylene	6,400				
SP-7	---	ND	Phenanthrene	900	ND	40	Barium	0.518
			Fluoranthene	1,400			Cadium	0.003
			Pyrene	1,400			Lead	0.0930
			Benzo[a]Anthracene	790				
			Chrysene	840				
			Benzo[b]Fluoranthene	740				
			Benzo[k]Fluoranthene	790				
			Benzo[a]Pyrene	950				
SP-8	---	ND	Acenaphthylene	700	ND	40	Barium	0.395
			Phenanthrene	3,000				
			Anthracene	840				
			Fluoranthene	4,900				
			Pyrene	4,500				
			Benzo[a]Anthracene	2,500				
			Chrysene	2,600				
			Benzo[b]Fluoranthene	2,300				
			Benzo[k]Fluoranthene	2,200				
			Benzo[a]Pyrene	3,200				
			Indeno[1,2,3-cd]Pyrene	1,600				
			Benzo[g,h,i]Perylene	1,700				
SP-9	Tetrachloroethene	5.0	Phenanthrene	790	26	32	Barium	0.438
			Fluoranthene	1,200				
			Pyrene	1,100				
			Benzo[a]Anthracene	580				
			Chrysene	650				
			Benzo[b]Fluoranthene	590				
			Benzo[k]Fluoranthene	530				
			Benzo[a]Pyrene	600				

TABLE 1
SUMMARY OF ANALYTICAL RESULTS - PETROLEUM-CONTAMINATED SOIL STOCKPILES
Rutland Plaza, Rutland Vermont

NOTES:

1. GZA GeoEnvironmental, Inc. (GZA) collected soil stockpile samples on September 20, 1996. Each soil stockpile sample was a composite consisting of at least three aliquots.
2. The samples were submitted to GZA's Environmental Chemistry Laboratory (ECL) for analysis of volatile organic compounds (VOCs) by EPA Method 8240, for Semi-VOCs by EPA Method 8270, for polychlorinated biphenyls (PCBs) by EPA Method 8080, for total petroleum hydrocarbons (TPH) by Modified EPA Method 8100, for the eight Resource Conservation Recovery Act (RCRA) metals by the Toxicity Characteristic Leaching Procedure (TCLP) by EPA Methods 1311/6010 and 7470A. The samples were also submitted to Matrix Analytical Inc. for testing of ignitability by EPA Method 1010.
3. Concentrations are given in units of micrograms per kilogram (ug/kg), which are equivalent to parts per billion; micrograms per gram (ug/g), which are equivalent to parts per million; and milligrams per liter (mg/l). "ND" indicates that the parameter was not detected.
4. No VOCs, semi-VOCs or eight RCRA metals were detected in addition to the ones indicated above.
5. Ignitability testing indicated the flashpoint was greater than 165 degrees Fahrenheit for all samples.

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GZA GeoEnvironmental, Inc.
320 Needham Street
Newton Upper Falls, MA 02164

ANALYTICAL REPORT

GZA GeoEnvironmental, Inc.
380 Harvey Road
Manchester, NH 03103

S. Lamb

Project Name: Rutland Plaza
Project No.: 21098.50

Date Received: 9/23/96
Date Reported: 0/00/00
Work Order No.: 9609-00102

Sample ID: SP-1
Sample Date: 9/20/96

Sample No.: 1

Test Performed	Method	Results	Units	Tech	Analysis Date
VOLATILE ORGANIC COMPOUNDS	EPA 8240				
Dichlorodifluoromethane	EPA 8240	<5.0	ug/kg	NCC	9/23/96
Chloromethane	EPA 8240	<5.0	ug/kg	NCC	9/23/96
Vinyl Chloride	EPA 8240	<5.0	ug/kg	NCC	9/23/96
Bromomethane	EPA 8240	<5.0	ug/kg	NCC	9/23/96
Chloroethane	EPA 8240	<5.0	ug/kg	NCC	9/23/96
Trichlorofluoromethane	EPA 8240	<20	ug/kg	NCC	9/23/96
Acrolein	EPA 8240	<50	ug/kg	NCC	9/23/96
Acetone	EPA 8240	<50	ug/kg	NCC	9/23/96
1,1-Dichloroethene	EPA 8240	<5.0	ug/kg	NCC	9/23/96
Dichloromethane	EPA 8240	<5.0	ug/kg	NCC	9/23/96
Carbon Disulfide	EPA 8240	<10	ug/kg	NCC	9/23/96
Acrylonitrile	EPA 8240	<50	ug/kg	NCC	9/23/96
Methyl-Tert-Butyl-Ether	EPA 8240	<10	ug/kg	NCC	9/23/96
trans-1,2-Dichloroethene	EPA 8240	<5.0	ug/kg	NCC	9/23/96
Vinyl Acetate	EPA 8240	<5.0	ug/kg	NCC	9/23/96
1,1-Dichloroethane	EPA 8240	<5.0	ug/kg	NCC	9/23/96
2-Butanone	EPA 8240	<50	ug/kg	NCC	9/23/96
cis-1,2-Dichloroethene	EPA 8240	<5.0	ug/kg	NCC	9/23/96
Chloroform	EPA 8240	<5.0	ug/kg	NCC	9/23/96
1,1,1-Trichloroethane	EPA 8240	<5.0	ug/kg	NCC	9/23/96
Carbon Tetrachloride	EPA 8240	<5.0	ug/kg	NCC	9/23/96
1,2-Dichloroethane	EPA 8240	<5.0	ug/kg	NCC	9/23/96
Benzene	EPA 8240	<5.0	ug/kg	NCC	9/23/96
Trichloroethene	EPA 8240	<5.0	ug/kg	NCC	9/23/96
1,2-Dichloropropane	EPA 8240	<5.0	ug/kg	NCC	9/23/96
Bromodichloromethane	EPA 8240	<5.0	ug/kg	NCC	9/23/96
2-Chloroethylvinylether	EPA 8240	<5.0	ug/kg	NCC	9/23/96
4-Methyl-2-Pentanone	EPA 8240	<10	ug/kg	NCC	9/23/96
cis-1,3-Dichloropropene	EPA 8240	<5.0	ug/kg	NCC	9/23/96
Toluene	EPA 8240	<5.0	ug/kg	NCC	9/23/96
trans-1,3-Dichloropropene	EPA 8240	<5.0	ug/kg	NCC	9/23/96
1,1,2-Trichloroethane	EPA 8240	<5.0	ug/kg	NCC	9/23/96
2-Hexanone	EPA 8240	<10	ug/kg	NCC	9/23/96

GZA GeoEnvironmental, Inc.

ANALYTICAL REPORT

Project Name: Rutland Plaza
Project No.: 21098.50

Work Order No.: 9609-00102

Sample ID: SP-1
Sample Date: 9/20/96

Sample No.: 1

Test Performed	Method	Results	Units	Tech	Analysis Date
Tetrachloroethene	EPA 8240	<5.0	ug/kg	NCC	9/23/96
Dibromochloromethane	EPA 8240	<5.0	ug/kg	NCC	9/23/96
Chlorobenzene	EPA 8240	<5.0	ug/kg	NCC	9/23/96
Ethylbenzene	EPA 8240	<5.0	ug/kg	NCC	9/23/96
m&p-Xylene	EPA 8240	<5.0	ug/kg	NCC	9/23/96
o-Xylene	EPA 8240	<5.0	ug/kg	NCC	9/23/96
Styrene	EPA 8240	<5.0	ug/kg	NCC	9/23/96
Bromoform	EPA 8240	<5.0	ug/kg	NCC	9/23/96
1,1,2,2-Tetrachloroethane	EPA 8240	<5.0	ug/kg	NCC	9/23/96
1,3-Dichlorobenzene	EPA 8240	<5.0	ug/kg	NCC	9/23/96
1,4-Dichlorobenzene	EPA 8240	<5.0	ug/kg	NCC	9/23/96
1,2-Dichlorobenzene	EPA 8240	<5.0	ug/kg	NCC	9/23/96
Surrogates:	EPA 8240				
***1,2-Dichloroethane-D4	EPA 8240	120	% R	NCC	9/23/96
***Toluene-D8	EPA 8240	96.8	% R	NCC	9/23/96
***4-Bromofluorobenzene	EPA 8240	98.5	% R	NCC	9/23/96
POLYCHLORINATED BIPHENYLS	EPA 8080				
Aroclor 1262	EPA 8080	<25	ug/kg	RJD	9/25/96
Aroclor 1260	EPA 8080	<25	ug/kg	RJD	9/25/96
Aroclor 1254	EPA 8080	<25	ug/kg	RJD	9/25/96
Aroclor 1248	EPA 8080	<25	ug/kg	RJD	9/25/96
Aroclor 1242/1016	EPA 8080	<25	ug/kg	RJD	9/25/96
Aroclor 1232	EPA 8080	<25	ug/kg	RJD	9/25/96
Aroclor 1221	EPA 8080	<25	ug/kg	RJD	9/25/96
Surrogates:	EPA 8080				
***Tetrachloro-m-xylene	EPA 8080	65.5	% R	RJD	9/25/96
***Decachlorobiphenyl	EPA 8080	66.1	% R	RJD	9/25/96
Extraction		1.0	DF	SLB	9/24/96
SEMI-VOLATILE ORGANIC COMPOUNDS	EPA 8270				
Phenol	EPA 8270	<330	ug/kg	RJD	9/25/96
2-Chlorophenol	EPA 8270	<330	ug/kg	RJD	9/25/96
2-Methylphenol	EPA 8270	<330	ug/kg	RJD	9/25/96
3&4-Methylphenol	EPA 8270	<330	ug/kg	RJD	9/25/96
2-Nitrophenol	EPA 8270	<330	ug/kg	RJD	9/25/96
2,4-Dimethylphenol	EPA 8270	<330	ug/kg	RJD	9/25/96
Benzoic Acid	EPA 8270	<3300	ug/kg	RJD	9/25/96
2,4-Dichlorophenol	EPA 8270	<330	ug/kg	RJD	9/25/96
4-Chloro-3-Methylphenol	EPA 8270	<660	ug/kg	RJD	9/25/96
2,4,6-Trichlorophenol	EPA 8270	<330	ug/kg	RJD	9/25/96
2,4,5-Trichlorophenol	EPA 8270	<330	ug/kg	RJD	9/25/96
2,4-Dinitrophenol	EPA 8270	<3300	ug/kg	RJD	9/25/96

GZA GeoEnvironmental, Inc.

ANALYTICAL REPORT

Project Name: Rutland Plaza
Project No.: 21098.50

Work Order No.: 9609-00102

Sample ID: SP-1
Sample Date: 9/20/96

Sample No.: 1

Test Performed	Method	Results	Units	Tech	Analysis Date
4-Nitrophenol	EPA 8270	<1700	ug/kg	RJD	9/25/96
4,6-Dinitro-2-Methylphenol	EPA 8270	<1700	ug/kg	RJD	9/25/96
Pentachlorophenol	EPA 8270	<1700	ug/kg	RJD	9/25/96
n-Nitrosodimethylamine	EPA 8270	<330	ug/kg	RJD	9/25/96
bis(2-Chloroethyl)Ether	EPA 8270	<330	ug/kg	RJD	9/25/96
1,3-Dichlorobenzene	EPA 8270	<330	ug/kg	RJD	9/25/96
1,4-Dichlorobenzene	EPA 8270	<330	ug/kg	RJD	9/25/96
Benzyl Alchohol	EPA 8270	<660	ug/kg	RJD	9/25/96
1,2-Dichlorobenzene	EPA 8270	<330	ug/kg	RJD	9/25/96
bis(2-Chloroisopropyl)Ether	EPA 8270	<330	ug/kg	RJD	9/25/96
n-Nitrosodi-n-Propylamine	EPA 8270	<330	ug/kg	RJD	9/25/96
Hexachloroethane	EPA 8270	<330	ug/kg	RJD	9/25/96
Nitrobenzene	EPA 8270	<330	ug/kg	RJD	9/25/96
Isophorone	EPA 8270	<330	ug/kg	RJD	9/25/96
bis(2-Chloroethoxy)Methane	EPA 8270	<330	ug/kg	RJD	9/25/96
1,2,4-Trichlorobenzene	EPA 8270	<330	ug/kg	RJD	9/25/96
Naphthalene	EPA 8270	<330	ug/kg	RJD	9/25/96
4-Chloroaniline	EPA 8270	<660	ug/kg	RJD	9/25/96
Hexachlorobutadiene	EPA 8270	<330	ug/kg	RJD	9/25/96
2-Methylnaphthalene	EPA 8270	<330	ug/kg	RJD	9/25/96
1-Methylnaphthalene	EPA 8270	<330	ug/kg	RJD	9/25/96
Hexachlorocyclopentadiene	EPA 8270	<1700	ug/kg	RJD	9/25/96
2-Chloronapthalene	EPA 8270	<330	ug/kg	RJD	9/25/96
2-Nitroaniline	EPA 8270	<660	ug/kg	RJD	9/25/96
Dimethylphthalate	EPA 8270	<330	ug/kg	RJD	9/25/96
Acenaphthylene	EPA 8270	<330	ug/kg	RJD	9/25/96
2,6-Dinitrotoluene	EPA 8270	<330	ug/kg	RJD	9/25/96
3-Nitroaniline	EPA 8270	<660	ug/kg	RJD	9/25/96
Acenaphthene	EPA 8270	<330	ug/kg	RJD	9/25/96
Dibenzofuran	EPA 8270	<330	ug/kg	RJD	9/25/96
2,4-Dinitrotoluene	EPA 8270	<330	ug/kg	RJD	9/25/96
Diethylphthalate	EPA 8270	<330	ug/kg	RJD	9/25/96
Fluorene	EPA 8270	<330	ug/kg	RJD	9/25/96
4-Chlorophenyl Phenyl Ether	EPA 8270	<330	ug/kg	RJD	9/25/96
4-Nitroaniline	EPA 8270	<660	ug/kg	RJD	9/25/96
n-Nitrosodiphenylamine	EPA 8270	<330	ug/kg	RJD	9/25/96
4-Bromophenyl Phenyl Ether	EPA 8270	<330	ug/kg	RJD	9/25/96
Hexachlorobenzene	EPA 8270	<330	ug/kg	RJD	9/25/96
Phenanthrene	EPA 8270	350	ug/kg	RJD	9/25/96
Anthracene	EPA 8270	<330	ug/kg	RJD	9/25/96
Carbazole	EPA 8270	<330	ug/kg	RJD	9/25/96

GZA GeoEnvironmental, Inc.

ANALYTICAL REPORT

Project Name: Rutland Plaza
Project No.: 21098.50

Work Order No.: 9609-00102

Sample ID: SP-1
Sample Date: 9/20/96

Sample No.: 1

Test Performed	Method	Results	Units	Tech	Analysis Date
di-n-Butylphthalate	EPA 8270	<500	ug/kg	RJD	9/25/96
Fluoranthene	EPA 8270	530	ug/kg	RJD	9/25/96
Pyrene	EPA 8270	500	ug/kg	RJD	9/25/96
Butylbenzylphthalate	EPA 8270	<330	ug/kg	RJD	9/25/96
Benzo [a] Anthracene	EPA 8270	<330	ug/kg	RJD	9/25/96
3,3'-Dichlorobenzidine	EPA 8270	<660	ug/kg	RJD	9/25/96
Chrysene	EPA 8270	<330	ug/kg	RJD	9/25/96
bis(2-Ethylhexyl)Phthalate	EPA 8270	<330	ug/kg	RJD	9/25/96
di-n-Octylphthalate	EPA 8270	<330	ug/kg	RJD	9/25/96
Benzo [b] Fluoranthene	EPA 8270	<330	ug/kg	RJD	9/25/96
Benzo [k] Fluoranthene	EPA 8270	<330	ug/kg	RJD	9/25/96
Benzo [a] Pyrene	EPA 8270	<330	ug/kg	RJD	9/25/96
Indeno [1,2,3-cd] Pyrene	EPA 8270	<330	ug/kg	RJD	9/25/96
Dibenzo [a,h] Anthracene	EPA 8270	<330	ug/kg	RJD	9/25/96
Benzo [g,h,i] Perylene	EPA 8270	<330	ug/kg	RJD	9/25/96
Surrogates:	EPA 8270				
***2-Fluorophenol	EPA 8270	47.1	% R	RJD	9/25/96
***Phenol-D6	EPA 8270	49.7	% R	RJD	9/25/96
***Nitrobenzene-D5	EPA 8270	63.7	% R	RJD	9/25/96
***2-Fluorobiphenyl	EPA 8270	62.5	% R	RJD	9/25/96
***2,4,6-Tribromophenol	EPA 8270	64.1	% R	RJD	9/25/96
***P-Terphenyl-D14	EPA 8270	47.7	% R	RJD	9/25/96
Extraction		1.0	DF	RJD	9/24/96
TOTAL PETROLEUM HYDROCARBONS	D3328/EPA 8100				
Hydrocarbon Content	D3328/EPA 8100	130	ug/g	LDF	9/26/96
Quantitation Limit (total product)	D3328/EPA 8100	10	ug/g-lmt	LDF	9/26/96
Quantitation Limit (individual product)	D3328/EPA 8100	0.50	ug/g-lmt	LDF	9/26/96
Surrogate:	D3328/EPA 8100				
***p-Terphenyl	D3328/EPA 8100	D.O.	% R	LDF	9/26/96
Extraction		1.0	DF	SLB	9/25/96
TCLP-RCRA METALS					
Silver	EPA 1311/6010	<0.0200	mg/L	AJY	9/26/96
Arsenic	EPA 1311/6010	<0.132	mg/L	AJY	9/26/96
Barium	EPA 1311/6010	0.567	mg/L	AJY	9/26/96
Cadmium	EPA 1311/6010	0.00300	mg/L	AJY	9/26/96
Chromium	EPA 1311/6010	<0.00700	mg/L	AJY	9/26/96
Mercury	EPA 1311/7470A	<0.000200	mg/L	ESG	9/30/96
Lead	EPA 1311/6010	3.60	mg/L	AJY	9/26/96
Selenium	EPA 1311/6010	<0.100	mg/L	AJY	9/26/96

GZA GeoEnvironmental, Inc.

ANALYTICAL REPORT

Project Name: Rutland Plaza
Project No.: 21098.50

Work Order No.: 9609-00102

Sample ID: SP-2
Sample Date: 9/20/96

Sample No.: 2

Test Performed	Method	Results	Units	Tech	Analysis Date
VOLATILE ORGANIC COMPOUNDS	EPA 8240				
Dichlorodifluoromethane	EPA 8240	<5.0	ug/kg	NCC	9/23/96
Chloromethane	EPA 8240	<5.0	ug/kg	NCC	9/23/96
Vinyl Chloride	EPA 8240	<5.0	ug/kg	NCC	9/23/96
Bromomethane	EPA 8240	<5.0	ug/kg	NCC	9/23/96
Chloroethane	EPA 8240	<5.0	ug/kg	NCC	9/23/96
Trichlorofluoromethane	EPA 8240	<20	ug/kg	NCC	9/23/96
Acrolein	EPA 8240	<50	ug/kg	NCC	9/23/96
Acetone	EPA 8240	<50	ug/kg	NCC	9/23/96
1,1-Dichloroethene	EPA 8240	<5.0	ug/kg	NCC	9/23/96
Dichloromethane	EPA 8240	<5.0	ug/kg	NCC	9/23/96
Carbon Disulfide	EPA 8240	<10	ug/kg	NCC	9/23/96
Acrylonitrile	EPA 8240	<50	ug/kg	NCC	9/23/96
Methyl-Tert-Butyl-Ether	EPA 8240	<10	ug/kg	NCC	9/23/96
trans-1,2-Dichloroethene	EPA 8240	<5.0	ug/kg	NCC	9/23/96
Vinyl Acetate	EPA 8240	<5.0	ug/kg	NCC	9/23/96
1,1-Dichloroethane	EPA 8240	<5.0	ug/kg	NCC	9/23/96
2-Butanone	EPA 8240	<50	ug/kg	NCC	9/23/96
cis-1,2-Dichloroethene	EPA 8240	<5.0	ug/kg	NCC	9/23/96
Chloroform	EPA 8240	<5.0	ug/kg	NCC	9/23/96
1,1,1-Trichloroethane	EPA 8240	<5.0	ug/kg	NCC	9/23/96
Carbon Tetrachloride	EPA 8240	<5.0	ug/kg	NCC	9/23/96
1,2-Dichloroethane	EPA 8240	<5.0	ug/kg	NCC	9/23/96
Benzene	EPA 8240	<5.0	ug/kg	NCC	9/23/96
Trichloroethene	EPA 8240	<5.0	ug/kg	NCC	9/23/96
1,2-Dichloropropane	EPA 8240	<5.0	ug/kg	NCC	9/23/96
Bromodichloromethane	EPA 8240	<5.0	ug/kg	NCC	9/23/96
2-Chloroethylvinylether	EPA 8240	<5.0	ug/kg	NCC	9/23/96
4-Methyl-2-Pentanone	EPA 8240	<10	ug/kg	NCC	9/23/96
cis-1,3-Dichloropropene	EPA 8240	<5.0	ug/kg	NCC	9/23/96
Toluene	EPA 8240	<5.0	ug/kg	NCC	9/23/96
trans-1,3-Dichloropropene	EPA 8240	<5.0	ug/kg	NCC	9/23/96
1,1,2-Trichloroethane	EPA 8240	<5.0	ug/kg	NCC	9/23/96
2-Hexanone	EPA 8240	<10	ug/kg	NCC	9/23/96
Tetrachloroethene	EPA 8240	<5.0	ug/kg	NCC	9/23/96
Dibromochloromethane	EPA 8240	<5.0	ug/kg	NCC	9/23/96
Chlorobenzene	EPA 8240	<5.0	ug/kg	NCC	9/23/96
Ethylbenzene	EPA 8240	<5.0	ug/kg	NCC	9/23/96
m&p-Xylene	EPA 8240	<5.0	ug/kg	NCC	9/23/96
o-Xylene	EPA 8240	<5.0	ug/kg	NCC	9/23/96
Styrene	EPA 8240	<5.0	ug/kg	NCC	9/23/96

GZA GeoEnvironmental, Inc.

ANALYTICAL REPORT

Project Name: Rutland Plaza
Project No.: 21098.50

Work Order No.: 9609-00102

Sample ID: SP-2
Sample Date: 9/20/96

Sample No.: 2

Test Performed	Method	Results	Units	Tech	Analysis Date
Bromoform	EPA 8240	<5.0	ug/kg	NCC	9/23/96
1,1,2,2-Tetrachloroethane	EPA 8240	<5.0	ug/kg	NCC	9/23/96
1,3-Dichlorobenzene	EPA 8240	<5.0	ug/kg	NCC	9/23/96
1,4-Dichlorobenzene	EPA 8240	<5.0	ug/kg	NCC	9/23/96
1,2-Dichlorobenzene	EPA 8240	<5.0	ug/kg	NCC	9/23/96
Surrogates:	EPA 8240				
***1,2-Dichloroethane-D4	EPA 8240	120	% R	NCC	9/23/96
***Toluene-D8	EPA 8240	97.5	% R	NCC	9/23/96
***4-Bromofluorobenzene	EPA 8240	93.7	% R	NCC	9/23/96
POLYCHLORINATED BIPHENYLS	EPA 8080				
Aroclor 1262	EPA 8080	<25	ug/kg	RJD	9/25/96
Aroclor 1260	EPA 8080	<25	ug/kg	RJD	9/25/96
Aroclor 1254	EPA 8080	<25	ug/kg	RJD	9/25/96
Aroclor 1248	EPA 8080	<25	ug/kg	RJD	9/25/96
Aroclor 1242/1016	EPA 8080	<25	ug/kg	RJD	9/25/96
Aroclor 1232	EPA 8080	<25	ug/kg	RJD	9/25/96
Aroclor 1221	EPA 8080	<25	ug/kg	RJD	9/25/96
Surrogates:	EPA 8080				
***Tetrachloro-m-xylene	EPA 8080	74.8	% R	RJD	9/25/96
***Decachlorobiphenyl	EPA 8080	62.9	% R	RJD	9/25/96
Extraction		0.2	DF	SLB	9/24/96
SEMI-VOLATILE ORGANIC COMPOUNDS	EPA 8270				
Phenol	EPA 8270	<660	ug/kg	RJD	9/25/96
2-Chlorophenol	EPA 8270	<660	ug/kg	RJD	9/25/96
2-Methylphenol	EPA 8270	<660	ug/kg	RJD	9/25/96
3&4-Methylphenol	EPA 8270	<660	ug/kg	RJD	9/25/96
2-Nitrophenol	EPA 8270	<660	ug/kg	RJD	9/25/96
2,4-Dimethylphenol	EPA 8270	<660	ug/kg	RJD	9/25/96
Benzoic Acid	EPA 8270	<6600	ug/kg	RJD	9/25/96
2,4-Dichlorophenol	EPA 8270	<660	ug/kg	RJD	9/25/96
4-Chloro-3-Methylphenol	EPA 8270	<1300	ug/kg	RJD	9/25/96
2,4,6-Trichlorophenol	EPA 8270	<660	ug/kg	RJD	9/25/96
2,4,5-Trichlorophenol	EPA 8270	<660	ug/kg	RJD	9/25/96
2,4-Dinitrophenol	EPA 8270	<6600	ug/kg	RJD	9/25/96
4-Nitrophenol	EPA 8270	<3300	ug/kg	RJD	9/25/96
4,6-Dinitro-2-Methylphenol	EPA 8270	<3300	ug/kg	RJD	9/25/96
Pentachlorophenol	EPA 8270	<3300	ug/kg	RJD	9/25/96
n-Nitrosodimethylamine	EPA 8270	<660	ug/kg	RJD	9/25/96
bis(2-Chloroethyl)Ether	EPA 8270	<660	ug/kg	RJD	9/25/96
1,3-Dichlorobenzene	EPA 8270	<660	ug/kg	RJD	9/25/96
1,4-Dichlorobenzene	EPA 8270	<660	ug/kg	RJD	9/25/96

GZA GeoEnvironmental, Inc.

ANALYTICAL REPORT

Project Name: Rutland Plaza
Project No.: 21098.50

Work Order No.: 9609-00102

Sample ID: SP-2
Sample Date: 9/20/96

Sample No.: 2

Test Performed	Method	Results	Units	Tech	Analysis Date
Benzyl Alchohol	EPA 8270	<1300	ug/kg	RJD	9/25/96
1,2-Dichlorobenzene	EPA 8270	<660	ug/kg	RJD	9/25/96
bis(2-Chloroisopropyl)Ether	EPA 8270	<660	ug/kg	RJD	9/25/96
n-Nitrosodi-n-Propylamine	EPA 8270	<660	ug/kg	RJD	9/25/96
Hexachloroethane	EPA 8270	<660	ug/kg	RJD	9/25/96
Nitrobenzene	EPA 8270	<660	ug/kg	RJD	9/25/96
Isophorone	EPA 8270	<660	ug/kg	RJD	9/25/96
bis(2-Chloroethoxy)Methane	EPA 8270	<660	ug/kg	RJD	9/25/96
1,2,4-Trichlorobenzene	EPA 8270	<660	ug/kg	RJD	9/25/96
Naphthalene	EPA 8270	<660	ug/kg	RJD	9/25/96
4-Chloroaniline	EPA 8270	<1300	ug/kg	RJD	9/25/96
Hexachlorobutadiene	EPA 8270	<660	ug/kg	RJD	9/25/96
2-Methylnaphthalene	EPA 8270	<660	ug/kg	RJD	9/25/96
1-Methylnaphthalene	EPA 8270	<660	ug/kg	RJD	9/25/96
Hexachlorocyclopentadiene	EPA 8270	<3300	ug/kg	RJD	9/25/96
2-Chloronapthalene	EPA 8270	<660	ug/kg	RJD	9/25/96
2-Nitroaniline	EPA 8270	<1300	ug/kg	RJD	9/25/96
Dimethylphthalate	EPA 8270	<660	ug/kg	RJD	9/25/96
Acenaphthylene	EPA 8270	<660	ug/kg	RJD	9/25/96
2,6-Dinitrotoluene	EPA 8270	<660	ug/kg	RJD	9/25/96
3-Nitroaniline	EPA 8270	<1300	ug/kg	RJD	9/25/96
Acenaphthene	EPA 8270	<660	ug/kg	RJD	9/25/96
Dibenzofuran	EPA 8270	<660	ug/kg	RJD	9/25/96
2,4-Dinitrotoluene	EPA 8270	<660	ug/kg	RJD	9/25/96
Diethylphthalate	EPA 8270	<660	ug/kg	RJD	9/25/96
Fluorene	EPA 8270	<660	ug/kg	RJD	9/25/96
4-Chlorophenyl Phenyl Ether	EPA 8270	<660	ug/kg	RJD	9/25/96
4-Nitroaniline	EPA 8270	<1300	ug/kg	RJD	9/25/96
n-Nitrosodiphenylamine	EPA 8270	<660	ug/kg	RJD	9/25/96
4-Bromophenyl Phenyl Ether	EPA 8270	<660	ug/kg	RJD	9/25/96
Hexachlorobenzene	EPA 8270	<660	ug/kg	RJD	9/25/96
Phenanthrene	EPA 8270	<660	ug/kg	RJD	9/25/96
Anthracene	EPA 8270	<660	ug/kg	RJD	9/25/96
Carbazole	EPA 8270	<660	ug/kg	RJD	9/25/96
di-n-Butylphthalate	EPA 8270	<1000	ug/kg	RJD	9/25/96
Fluoranthene	EPA 8270	<660	ug/kg	RJD	9/25/96
Pyrene	EPA 8270	<660	ug/kg	RJD	9/25/96
Butylbenzylphthalate	EPA 8270	<660	ug/kg	RJD	9/25/96
Benzo [a] Anthracene	EPA 8270	<660	ug/kg	RJD	9/25/96
3,3'-Dichlorobenzidine	EPA 8270	<1300	ug/kg	RJD	9/25/96
Chrysene	EPA 8270	<660	ug/kg	RJD	9/25/96

GZA GeoEnvironmental, Inc.

ANALYTICAL REPORT

Project Name: Rutland Plaza
Project No.: 21098.50

Work Order No.: 9609-00102

Sample ID: SP-2
Sample Date: 9/20/96

Sample No.: 2

Test Performed	Method	Results	Units	Tech	Analysis Date
bis(2-Ethylhexyl)Phthalate	EPA 8270	<660	ug/kg	RJD	9/25/96
di-n-Octylphthalate	EPA 8270	<660	ug/kg	RJD	9/25/96
Benzo [b] Fluoranthene	EPA 8270	<660	ug/kg	RJD	9/25/96
Benzo [k] Fluoranthene	EPA 8270	<660	ug/kg	RJD	9/25/96
Benzo [a] Pyrene	EPA 8270	<660	ug/kg	RJD	9/25/96
Indeno [1,2,3-cd] Pyrene	EPA 8270	<660	ug/kg	RJD	9/25/96
Dibenzo [a,h] Anthracene	EPA 8270	<660	ug/kg	RJD	9/25/96
Benzo [g,h,i] Perylene	EPA 8270	<660	ug/kg	RJD	9/25/96
Surrogates:	EPA 8270				
***2-Fluorophenol	EPA 8270	70.2	% R	RJD	9/25/96
***Phenol-D6	EPA 8270	73.1	% R	RJD	9/25/96
***Nitrobenzene-D5	EPA 8270	83.5	% R	RJD	9/25/96
***2-Fluorobiphenyl	EPA 8270	84.3	% R	RJD	9/25/96
***2,4,6-Tribromophenol	EPA 8270	79.8	% R	RJD	9/25/96
***P-Terphenyl-D14	EPA 8270	55.5	% R	RJD	9/25/96
Extraction		2.0	DF	RJD	9/24/96
TOTAL PETROLEUM HYDROCARBONS	D3328/EPA 8100				
Hydrocarbon Content	D3328/EPA 8100	21	ug/g	LDF	9/26/96
Quantitation Limit (total product)	D3328/EPA 8100	10	ug/g-lmt	LDF	9/26/96
Quantitation Limit (individual product)	D3328/EPA 8100	0.50	ug/g-lmt	LDF	9/26/96
Surrogate:	D3328/EPA 8100				
***p-Terphenyl	D3328/EPA 8100	103	% R	LDF	9/26/96
Extraction		1.0	DF	SLB	9/25/96
TCLP-RCRA METALS					
Silver	EPA 1311/6010	<0.0200	mg/L	AJY	9/26/96
Arsenic	EPA 1311/6010	<0.132	mg/L	AJY	9/26/96
Barium	EPA 1311/6010	0.456	mg/L	AJY	9/26/96
Cadmium	EPA 1311/6010	<0.00300	mg/L	AJY	9/26/96
Chromium	EPA 1311/6010	<0.00700	mg/L	AJY	9/26/96
Mercury	EPA 1311/7470A	<0.000200	mg/L	ESG	9/30/96
Lead	EPA 1311/6010	0.0610	mg/L	AJY	9/26/96
Selenium	EPA 1311/6010	<0.100	mg/L	AJY	9/26/96

GZA GeoEnvironmental, Inc.

ANALYTICAL REPORT

Project Name: Rutland Plaza
Project No.: 21098.50

Work Order No.: 9609-00102

Sample ID: SP-3
Sample Date: 9/20/96

Sample No.: 3

Test Performed	Method	Results	Units	Tech	Analysis Date
VOLATILE ORGANIC COMPOUNDS	EPA 8240				
Dichlorodifluoromethane	EPA 8240	<5.0	ug/kg	NCC	9/23/96
Chloromethane	EPA 8240	<5.0	ug/kg	NCC	9/23/96
Vinyl Chloride	EPA 8240	<5.0	ug/kg	NCC	9/23/96
Bromomethane	EPA 8240	<5.0	ug/kg	NCC	9/23/96
Chloroethane	EPA 8240	<5.0	ug/kg	NCC	9/23/96
Trichlorofluoromethane	EPA 8240	<20	ug/kg	NCC	9/23/96
Acrolein	EPA 8240	<50	ug/kg	NCC	9/23/96
Acetone	EPA 8240	<50	ug/kg	NCC	9/23/96
1,1-Dichloroethene	EPA 8240	<5.0	ug/kg	NCC	9/23/96
Dichloromethane	EPA 8240	<5.0	ug/kg	NCC	9/23/96
Carbon Disulfide	EPA 8240	<10	ug/kg	NCC	9/23/96
Acrylonitrile	EPA 8240	<50	ug/kg	NCC	9/23/96
Methyl-Tert-Butyl-Ether	EPA 8240	<10	ug/kg	NCC	9/23/96
trans-1,2-Dichloroethene	EPA 8240	<5.0	ug/kg	NCC	9/23/96
Vinyl Acetate	EPA 8240	<5.0	ug/kg	NCC	9/23/96
1,1-Dichloroethane	EPA 8240	<5.0	ug/kg	NCC	9/23/96
2-Butanone	EPA 8240	<50	ug/kg	NCC	9/23/96
cis-1,2-Dichloroethene	EPA 8240	<5.0	ug/kg	NCC	9/23/96
Chloroform	EPA 8240	<5.0	ug/kg	NCC	9/23/96
1,1,1-Trichloroethane	EPA 8240	<5.0	ug/kg	NCC	9/23/96
Carbon Tetrachloride	EPA 8240	<5.0	ug/kg	NCC	9/23/96
1,2-Dichloroethane	EPA 8240	<5.0	ug/kg	NCC	9/23/96
Benzene	EPA 8240	<5.0	ug/kg	NCC	9/23/96
Trichloroethene	EPA 8240	<5.0	ug/kg	NCC	9/23/96
1,2-Dichloropropane	EPA 8240	<5.0	ug/kg	NCC	9/23/96
Bromodichloromethane	EPA 8240	<5.0	ug/kg	NCC	9/23/96
2-Chloroethylvinylether	EPA 8240	<5.0	ug/kg	NCC	9/23/96
4-Methyl-2-Pentanone	EPA 8240	<10	ug/kg	NCC	9/23/96
cis-1,3-Dichloropropene	EPA 8240	<5.0	ug/kg	NCC	9/23/96
Toluene	EPA 8240	<5.0	ug/kg	NCC	9/23/96
trans-1,3-Dichloropropene	EPA 8240	<5.0	ug/kg	NCC	9/23/96
1,1,2-Trichloroethane	EPA 8240	<5.0	ug/kg	NCC	9/23/96
2-Hexanone	EPA 8240	<10	ug/kg	NCC	9/23/96
Tetrachloroethene	EPA 8240	<5.0	ug/kg	NCC	9/23/96
Dibromochloromethane	EPA 8240	<5.0	ug/kg	NCC	9/23/96
Chlorobenzene	EPA 8240	<5.0	ug/kg	NCC	9/23/96
Ethylbenzene	EPA 8240	<5.0	ug/kg	NCC	9/23/96
m&p-Xylene	EPA 8240	<5.0	ug/kg	NCC	9/23/96
o-Xylene	EPA 8240	<5.0	ug/kg	NCC	9/23/96
Styrene	EPA 8240	<5.0	ug/kg	NCC	9/23/96

GZA GeoEnvironmental, Inc.

ANALYTICAL REPORT

Project Name: Rutland Plaza
Project No.: 21098.50

Work Order No.: 9609-00102

Sample ID: SP-3
Sample Date: 9/20/96

Sample No.: 3

Test Performed	Method	Results	Units	Tech	Analysis Date
Bromoform	EPA 8240	<5.0	ug/kg	NCC	9/23/96
1,1,2,2-Tetrachloroethane	EPA 8240	<5.0	ug/kg	NCC	9/23/96
1,3-Dichlorobenzene	EPA 8240	<5.0	ug/kg	NCC	9/23/96
1,4-Dichlorobenzene	EPA 8240	<5.0	ug/kg	NCC	9/23/96
1,2-Dichlorobenzene	EPA 8240	<5.0	ug/kg	NCC	9/23/96
Surrogates:	EPA 8240				
***1,2-Dichloroethane-D4	EPA 8240	118	% R	NCC	9/23/96
***Toluene-D8	EPA 8240	95.6	% R	NCC	9/23/96
***4-Bromofluorobenzene	EPA 8240	85.4	% R	NCC	9/23/96
POLYCHLORINATED BIPHENYLS	EPA 8080				
Aroclor 1262	EPA 8080	<25	ug/kg	RJD	9/25/96
Aroclor 1260	EPA 8080	<25	ug/kg	RJD	9/25/96
Aroclor 1254	EPA 8080	<25	ug/kg	RJD	9/25/96
Aroclor 1248	EPA 8080	<25	ug/kg	RJD	9/25/96
Aroclor 1242/1016	EPA 8080	<25	ug/kg	RJD	9/25/96
Aroclor 1232	EPA 8080	<25	ug/kg	RJD	9/25/96
Aroclor 1221	EPA 8080	<25	ug/kg	RJD	9/25/96
Surrogates:	EPA 8080				
***Tetrachloro-m-xylene	EPA 8080	70.0	% R	RJD	9/25/96
***Decachlorobiphenyl	EPA 8080	52.2	% R	RJD	9/25/96
Extraction		1.0	DF	SLB	9/24/96
SEMI-VOLATILE ORGANIC COMPOUNDS	EPA 8270				
Phenol	EPA 8270	<660	ug/kg	RJD	9/25/96
2-Chlorophenol	EPA 8270	<660	ug/kg	RJD	9/25/96
2-Methylphenol	EPA 8270	<660	ug/kg	RJD	9/25/96
3&4-Methylphenol	EPA 8270	<660	ug/kg	RJD	9/25/96
2-Nitrophenol	EPA 8270	<660	ug/kg	RJD	9/25/96
2,4-Dimethylphenol	EPA 8270	<660	ug/kg	RJD	9/25/96
Benzoic Acid	EPA 8270	<6600	ug/kg	RJD	9/25/96
2,4-Dichlorophenol	EPA 8270	<660	ug/kg	RJD	9/25/96
4-Chloro-3-Methylphenol	EPA 8270	<1300	ug/kg	RJD	9/25/96
2,4,6-Trichlorophenol	EPA 8270	<660	ug/kg	RJD	9/25/96
2,4,5-Trichlorophenol	EPA 8270	<660	ug/kg	RJD	9/25/96
2,4-Dinitrophenol	EPA 8270	<6600	ug/kg	RJD	9/25/96
4-Nitrophenol	EPA 8270	<3300	ug/kg	RJD	9/25/96
4,6-Dinitro-2-Methylphenol	EPA 8270	<3300	ug/kg	RJD	9/25/96
Pentachlorophenol	EPA 8270	<3300	ug/kg	RJD	9/25/96
n-Nitrosodimethylamine	EPA 8270	<660	ug/kg	RJD	9/25/96
bis(2-Chloroethyl)Ether	EPA 8270	<660	ug/kg	RJD	9/25/96
1,3-Dichlorobenzene	EPA 8270	<660	ug/kg	RJD	9/25/96
1,4-Dichlorobenzene	EPA 8270	<660	ug/kg	RJD	9/25/96

GZA GeoEnvironmental, Inc.

ANALYTICAL REPORT

Project Name: Rutland Plaza
Project No.: 21098.50

Work Order No.: 9609-00102

Sample ID: SP-3
Sample Date: 9/20/96

Sample No.: 3

Test Performed	Method	Results	Units	Tech	Analysis Date
Benzyl Alchohol	EPA 8270	<1300	ug/kg	RJD	9/25/96
1,2-Dichlorobenzene	EPA 8270	<660	ug/kg	RJD	9/25/96
bis(2-Chloroisopropyl)Ether	EPA 8270	<660	ug/kg	RJD	9/25/96
n-Nitrosodi-n-Propylamine	EPA 8270	<660	ug/kg	RJD	9/25/96
Hexachloroethane	EPA 8270	<660	ug/kg	RJD	9/25/96
Nitrobenzene	EPA 8270	<660	ug/kg	RJD	9/25/96
Isophorone	EPA 8270	<660	ug/kg	RJD	9/25/96
bis(2-Chloroethoxy)Methane	EPA 8270	<660	ug/kg	RJD	9/25/96
1,2,4-Trichlorobenzene	EPA 8270	<660	ug/kg	RJD	9/25/96
Naphthalene	EPA 8270	<660	ug/kg	RJD	9/25/96
4-Chloroaniline	EPA 8270	<1300	ug/kg	RJD	9/25/96
Hexachlorobutadiene	EPA 8270	<660	ug/kg	RJD	9/25/96
2-Methylnaphthalene	EPA 8270	<660	ug/kg	RJD	9/25/96
1-Methylnaphthalene	EPA 8270	<660	ug/kg	RJD	9/25/96
Hexachlorocyclopentadiene	EPA 8270	<3300	ug/kg	RJD	9/25/96
2-Chloronapthalene	EPA 8270	<660	ug/kg	RJD	9/25/96
2-Nitroaniline	EPA 8270	<1300	ug/kg	RJD	9/25/96
Dimethylphthalate	EPA 8270	<660	ug/kg	RJD	9/25/96
Acenaphthylene	EPA 8270	<660	ug/kg	RJD	9/25/96
2,6-Dinitrotoluene	EPA 8270	<660	ug/kg	RJD	9/25/96
3-Nitroaniline	EPA 8270	<1300	ug/kg	RJD	9/25/96
Acenaphthene	EPA 8270	<660	ug/kg	RJD	9/25/96
Dibenzofuran	EPA 8270	<660	ug/kg	RJD	9/25/96
2,4-Dinitrotoluene	EPA 8270	<660	ug/kg	RJD	9/25/96
Diethylphthalate	EPA 8270	<660	ug/kg	RJD	9/25/96
Fluorene	EPA 8270	<660	ug/kg	RJD	9/25/96
4-Chlorophenyl Phenyl Ether	EPA 8270	<660	ug/kg	RJD	9/25/96
4-Nitroaniline	EPA 8270	<1300	ug/kg	RJD	9/25/96
n-Nitrosodiphenylamine	EPA 8270	<660	ug/kg	RJD	9/25/96
4-Bromophenyl Phenyl Ether	EPA 8270	<660	ug/kg	RJD	9/25/96
Hexachlorobenzene	EPA 8270	<660	ug/kg	RJD	9/25/96
Phenanthrene	EPA 8270	<660	ug/kg	RJD	9/25/96
Anthracene	EPA 8270	<660	ug/kg	RJD	9/25/96
Carbazole	EPA 8270	<660	ug/kg	RJD	9/25/96
di-n-Butylphthalate	EPA 8270	<1000	ug/kg	RJD	9/25/96
Fluoranthene	EPA 8270	990	ug/kg	RJD	9/25/96
Pyrene	EPA 8270	990	ug/kg	RJD	9/25/96
Butylbenzylphthalate	EPA 8270	<660	ug/kg	RJD	9/25/96
Benzo [a] Anthracene	EPA 8270	720	ug/kg	RJD	9/25/96
3,3'-Dichlorobenzidine	EPA 8270	<1300	ug/kg	RJD	9/25/96
Chrysene	EPA 8270	910	ug/kg	RJD	9/25/96

GZA GeoEnvironmental, Inc.

ANALYTICAL REPORT

Project Name: Rutland Plaza
Project No.: 21098.50

Work Order No.: 9609-00102

Sample ID: SP-3
Sample Date: 9/20/96

Sample No.: 3

Test Performed	Method	Results	Units	Tech	Analysis Date
bis(2-Ethylhexyl)Phthalate	EPA 8270	<660	ug/kg	RJD	9/25/96
di-n-Octylphthalate	EPA 8270	<660	ug/kg	RJD	9/25/96
Benzo [b] Fluoranthene	EPA 8270	970	ug/kg	RJD	9/25/96
Benzo [k] Fluoranthene	EPA 8270	840	ug/kg	RJD	9/25/96
Benzo [a] Pyrene	EPA 8270	790	ug/kg	RJD	9/25/96
Indeno [1,2,3-cd] Pyrene	EPA 8270	<660	ug/kg	RJD	9/25/96
Dibenzo [a,h] Anthracene	EPA 8270	<660	ug/kg	RJD	9/25/96
Benzo [g,h,i] Perylene	EPA 8270	<660	ug/kg	RJD	9/25/96
Surrogates:	EPA 8270				
***2-Fluorophenol	EPA 8270	57.1	% R	RJD	9/25/96
***Phenol-D6	EPA 8270	60.5	% R	RJD	9/25/96
***Nitrobenzene-D5	EPA 8270	75.0	% R	RJD	9/25/96
***2-Fluorobiphenyl	EPA 8270	79.3	% R	RJD	9/25/96
***2,4,6-Tribromophenol	EPA 8270	71.4	% R	RJD	9/25/96
***P-Terphenyl-D14	EPA 8270	55.7	% R	RJD	9/25/96
Extraction		2.0	DF	RJD	9/24/96
TOTAL PETROLEUM HYDROCARBONS	D3328/EPA 8100				
Hydrocarbon Content	D3328/EPA 8100	30	ug/g	LDF	9/26/96
Quantitation Limit (total product)	D3328/EPA 8100	10	ug/g-lmt	LDF	9/26/96
Quantitation Limit (individual product)	D3328/EPA 8100	0.50	ug/g-lmt	LDF	9/26/96
Surrogate:	D3328/EPA 8100				
***p-Terphenyl	D3328/EPA 8100	156	% R	LDF	9/26/96
Extraction		1.0	DF	SLB	9/25/96
TCLP-RCRA METALS					
Silver	EPA 1311/6010	<0.0200	mg/L	AJY	9/26/96
Arsenic	EPA 1311/6010	<0.132	mg/L	AJY	9/26/96
Barium	EPA 1311/6010	0.413	mg/L	AJY	9/26/96
Cadmium	EPA 1311/6010	<0.00300	mg/L	AJY	9/26/96
Chromium	EPA 1311/6010	<0.00700	mg/L	AJY	9/26/96
Mercury	EPA 1311/7470A	<0.000200	mg/L	ESG	9/30/96
Lead	EPA 1311/6010	0.0630	mg/L	AJY	9/26/96
Selenium	EPA 1311/6010	<0.100	mg/L	AJY	9/26/96

GZA GeoEnvironmental, Inc.

ANALYTICAL REPORT

Project Name: Rutland Plaza
Project No.: 21098.50

Work Order No.: 9609-00102

Sample ID: SP-4
Sample Date: 9/20/96

Sample No.: 4

Test Performed	Method	Results	Units	Tech	Analysis Date
VOLATILE ORGANIC COMPOUNDS	EPA 8240				
Dichlorodifluoromethane	EPA 8240	<5.0	ug/kg	NCC	9/23/96
Chloromethane	EPA 8240	<5.0	ug/kg	NCC	9/23/96
Vinyl Chloride	EPA 8240	<5.0	ug/kg	NCC	9/23/96
Bromomethane	EPA 8240	<5.0	ug/kg	NCC	9/23/96
Chloroethane	EPA 8240	<5.0	ug/kg	NCC	9/23/96
Trichlorofluoromethane	EPA 8240	<20	ug/kg	NCC	9/23/96
Acrolein	EPA 8240	<50	ug/kg	NCC	9/23/96
Acetone	EPA 8240	<50	ug/kg	NCC	9/23/96
1,1-Dichloroethene	EPA 8240	<5.0	ug/kg	NCC	9/23/96
Dichloromethane	EPA 8240	<5.0	ug/kg	NCC	9/23/96
Carbon Disulfide	EPA 8240	<10	ug/kg	NCC	9/23/96
Acrylonitrile	EPA 8240	<50	ug/kg	NCC	9/23/96
Methyl-Tert-Butyl-Ether	EPA 8240	<10	ug/kg	NCC	9/23/96
trans-1,2-Dichloroethene	EPA 8240	<5.0	ug/kg	NCC	9/23/96
Vinyl Acetate	EPA 8240	<5.0	ug/kg	NCC	9/23/96
1,1-Dichloroethane	EPA 8240	<5.0	ug/kg	NCC	9/23/96
2-Butanone	EPA 8240	<50	ug/kg	NCC	9/23/96
cis-1,2-Dichloroethene	EPA 8240	<5.0	ug/kg	NCC	9/23/96
Chloroform	EPA 8240	<5.0	ug/kg	NCC	9/23/96
1,1,1-Trichloroethane	EPA 8240	<5.0	ug/kg	NCC	9/23/96
Carbon Tetrachloride	EPA 8240	<5.0	ug/kg	NCC	9/23/96
1,2-Dichloroethane	EPA 8240	<5.0	ug/kg	NCC	9/23/96
Benzene	EPA 8240	<5.0	ug/kg	NCC	9/23/96
Trichloroethene	EPA 8240	<5.0	ug/kg	NCC	9/23/96
1,2-Dichloropropane	EPA 8240	<5.0	ug/kg	NCC	9/23/96
Bromodichloromethane	EPA 8240	<5.0	ug/kg	NCC	9/23/96
2-Chloroethylvinylether	EPA 8240	<5.0	ug/kg	NCC	9/23/96
4-Methyl-2-Pentanone	EPA 8240	<10	ug/kg	NCC	9/23/96
cis-1,3-Dichloropropene	EPA 8240	<5.0	ug/kg	NCC	9/23/96
Toluene	EPA 8240	<5.0	ug/kg	NCC	9/23/96
trans-1,3-Dichloropropene	EPA 8240	<5.0	ug/kg	NCC	9/23/96
1,1,2-Trichloroethane	EPA 8240	<5.0	ug/kg	NCC	9/23/96
2-Hexanone	EPA 8240	<10	ug/kg	NCC	9/23/96
Tetrachloroethene	EPA 8240	<5.0	ug/kg	NCC	9/23/96
Dibromochloromethane	EPA 8240	<5.0	ug/kg	NCC	9/23/96
Chlorobenzene	EPA 8240	<5.0	ug/kg	NCC	9/23/96
Ethylbenzene	EPA 8240	<5.0	ug/kg	NCC	9/23/96
m&p-Xylene	EPA 8240	<5.0	ug/kg	NCC	9/23/96
o-Xylene	EPA 8240	<5.0	ug/kg	NCC	9/23/96
Styrene	EPA 8240	<5.0	ug/kg	NCC	9/23/96

GZA GeoEnvironmental, Inc.

ANALYTICAL REPORT

Project Name: Rutland Plaza
Project No.: 21098.50

Work Order No.: 9609-00102

Sample ID: SP-4
Sample Date: 9/20/96

Sample No.: 4

Test Performed	Method	Results	Units	Tech	Analysis Date
Bromoform	EPA 8240	<5.0	ug/kg	NCC	9/23/96
1,1,2,2-Tetrachloroethane	EPA 8240	<5.0	ug/kg	NCC	9/23/96
1,3-Dichlorobenzene	EPA 8240	<5.0	ug/kg	NCC	9/23/96
1,4-Dichlorobenzene	EPA 8240	<5.0	ug/kg	NCC	9/23/96
1,2-Dichlorobenzene	EPA 8240	<5.0	ug/kg	NCC	9/23/96
Surrogates:	EPA 8240				
***1,2-Dichloroethane-D4	EPA 8240	114	% R	NCC	9/23/96
***Toluene-D8	EPA 8240	101	% R	NCC	9/23/96
***4-Bromofluorobenzene	EPA 8240	102	% R	NCC	9/23/96
POLYCHLORINATED BIPHENYLS	EPA 8080				
Aroclor 1262	EPA 8080	<25	ug/kg	RJD	9/25/96
Aroclor 1260	EPA 8080	<25	ug/kg	RJD	9/25/96
Aroclor 1254	EPA 8080	<25	ug/kg	RJD	9/25/96
Aroclor 1248	EPA 8080	<25	ug/kg	RJD	9/25/96
Aroclor 1242/1016	EPA 8080	<25	ug/kg	RJD	9/25/96
Aroclor 1232	EPA 8080	<25	ug/kg	RJD	9/25/96
Aroclor 1221	EPA 8080	<25	ug/kg	RJD	9/25/96
Surrogates:	EPA 8080				
***Tetrachloro-m-xylene	EPA 8080	74.5	% R	RJD	9/25/96
***Decachlorobiphenyl	EPA 8080	64.3	% R	RJD	9/25/96
Extraction		1.0	DF	SLB	9/24/96
SEMI-VOLATILE ORGANIC COMPOUNDS	EPA 8270				
Phenol	EPA 8270	<660	ug/kg	RJD	9/25/96
2-Chlorophenol	EPA 8270	<660	ug/kg	RJD	9/25/96
2-Methylphenol	EPA 8270	<660	ug/kg	RJD	9/25/96
3&4-Methylphenol	EPA 8270	<660	ug/kg	RJD	9/25/96
2-Nitrophenol	EPA 8270	<660	ug/kg	RJD	9/25/96
2,4-Dimethylphenol	EPA 8270	<660	ug/kg	RJD	9/25/96
Benzoic Acid	EPA 8270	<6600	ug/kg	RJD	9/25/96
2,4-Dichlorophenol	EPA 8270	<660	ug/kg	RJD	9/25/96
4-Chloro-3-Methylphenol	EPA 8270	<1300	ug/kg	RJD	9/25/96
2,4,6-Trichlorophenol	EPA 8270	<660	ug/kg	RJD	9/25/96
2,4,5-Trichlorophenol	EPA 8270	<660	ug/kg	RJD	9/25/96
2,4-Dinitrophenol	EPA 8270	<6600	ug/kg	RJD	9/25/96
4-Nitrophenol	EPA 8270	<3300	ug/kg	RJD	9/25/96
4,6-Dinitro-2-Methylphenol	EPA 8270	<3300	ug/kg	RJD	9/25/96
Pentachlorophenol	EPA 8270	<3300	ug/kg	RJD	9/25/96
n-Nitrosodimethylamine	EPA 8270	<660	ug/kg	RJD	9/25/96
bis(2-Chloroethyl)Ether	EPA 8270	<660	ug/kg	RJD	9/25/96
1,3-Dichlorobenzene	EPA 8270	<660	ug/kg	RJD	9/25/96
1,4-Dichlorobenzene	EPA 8270	<660	ug/kg	RJD	9/25/96

GZA GeoEnvironmental, Inc.

ANALYTICAL REPORT

Project Name: Rutland Plaza
Project No.: 21098.50

Work Order No.: 9609-00102

Sample ID: SP-4
Sample Date: 9/20/96

Sample No.: 4

Test Performed	Method	Results	Units	Tech	Analysis Date
Benzyl Alchohol	EPA 8270	<1300	ug/kg	RJD	9/25/96
1,2-Dichlorobenzene	EPA 8270	<660	ug/kg	RJD	9/25/96
bis(2-Chloroisopropyl)Ether	EPA 8270	<660	ug/kg	RJD	9/25/96
n-Nitrosodi-n-Propylamine	EPA 8270	<660	ug/kg	RJD	9/25/96
Hexachloroethane	EPA 8270	<660	ug/kg	RJD	9/25/96
Nitrobenzene	EPA 8270	<660	ug/kg	RJD	9/25/96
Isophorone	EPA 8270	<660	ug/kg	RJD	9/25/96
bis(2-Chloroethoxy)Methane	EPA 8270	<660	ug/kg	RJD	9/25/96
1,2,4-Trichlorobenzene	EPA 8270	<660	ug/kg	RJD	9/25/96
Naphthalene	EPA 8270	<660	ug/kg	RJD	9/25/96
4-Chloroaniline	EPA 8270	<1300	ug/kg	RJD	9/25/96
Hexachlorobutadiene	EPA 8270	<660	ug/kg	RJD	9/25/96
2-Methylnaphthalene	EPA 8270	<660	ug/kg	RJD	9/25/96
1-Methylnaphthalene	EPA 8270	<660	ug/kg	RJD	9/25/96
Hexachlorocyclopentadiene	EPA 8270	<3300	ug/kg	RJD	9/25/96
2-Chloronapthalene	EPA 8270	<660	ug/kg	RJD	9/25/96
2-Nitroaniline	EPA 8270	<1300	ug/kg	RJD	9/25/96
Dimethylphthalate	EPA 8270	<660	ug/kg	RJD	9/25/96
Acenaphthylene	EPA 8270	750	ug/kg	RJD	9/25/96
2,6-Dinitrotoluene	EPA 8270	<660	ug/kg	RJD	9/25/96
3-Nitroaniline	EPA 8270	<1300	ug/kg	RJD	9/25/96
Acenaphthene	EPA 8270	<660	ug/kg	RJD	9/25/96
Dibenzofuran	EPA 8270	<660	ug/kg	RJD	9/25/96
2,4-Dinitrotoluene	EPA 8270	<660	ug/kg	RJD	9/25/96
Diethylphthalate	EPA 8270	<660	ug/kg	RJD	9/25/96
Fluorene	EPA 8270	<660	ug/kg	RJD	9/25/96
4-Chlorophenyl Phenyl Ether	EPA 8270	<660	ug/kg	RJD	9/25/96
4-Nitroaniline	EPA 8270	<1300	ug/kg	RJD	9/25/96
n-Nitrosodiphenylamine	EPA 8270	<660	ug/kg	RJD	9/25/96
4-Bromophenyl Phenyl Ether	EPA 8270	<660	ug/kg	RJD	9/25/96
Hexachlorobenzene	EPA 8270	<660	ug/kg	RJD	9/25/96
Phenanthrene	EPA 8270	3600	ug/kg	RJD	9/25/96
Anthracene	EPA 8270	1100	ug/kg	RJD	9/25/96
Carbazole	EPA 8270	<660	ug/kg	RJD	9/25/96
di-n-Butylphthalate	EPA 8270	<1000	ug/kg	RJD	9/25/96
Fluoranthene	EPA 8270	6900	ug/kg	RJD	9/25/96
Pyrene	EPA 8270	6400	ug/kg	RJD	9/25/96
Butylbenzylphthalate	EPA 8270	<660	ug/kg	RJD	9/25/96
Benzo [a] Anthracene	EPA 8270	3800	ug/kg	RJD	9/25/96
3,3'-Dichlorobenzidine	EPA 8270	<1300	ug/kg	RJD	9/25/96
Chrysene	EPA 8270	3700	ug/kg	RJD	9/25/96

GZA GeoEnvironmental, Inc.

ANALYTICAL REPORT

Project Name: Rutland Plaza
Project No.: 21098.50

Work Order No.: 9609-00102

Sample ID: SP-4
Sample Date: 9/20/96

Sample No.: 4

Test Performed	Method	Results	Units	Tech	Analysis Date
bis(2-Ethylhexyl)Phthalate	EPA 8270	<660	ug/kg	RJD	9/25/96
di-n-Octylphthalate	EPA 8270	<660	ug/kg	RJD	9/25/96
Benzo [b] Fluoranthene	EPA 8270	3500	ug/kg	RJD	9/25/96
Benzo [k] Fluoranthene	EPA 8270	3500	ug/kg	RJD	9/25/96
Benzo [a] Pyrene	EPA 8270	4500	ug/kg	RJD	9/25/96
Indeno [1,2,3-cd] Pyrene	EPA 8270	2000	ug/kg	RJD	9/25/96
Dibenzo [a,h] Anthracene	EPA 8270	<660	ug/kg	RJD	9/25/96
Benzo [g,h,i] Perylene	EPA 8270	2000	ug/kg	RJD	9/25/96
Surrogates:	EPA 8270				
***2-Fluorophenol	EPA 8270	80.0	% R	RJD	9/25/96
***Phenol-D6	EPA 8270	82.1	% R	RJD	9/25/96
***Nitrobenzene-D5	EPA 8270	87.9	% R	RJD	9/25/96
***2-Fluorobiphenyl	EPA 8270	93.1	% R	RJD	9/25/96
***2,4,6-Tribromophenol	EPA 8270	95.1	% R	RJD	9/25/96
***P-Terphenyl-D14	EPA 8270	63.1	% R	RJD	9/25/96
Extraction		2.0	DF	RJD	9/24/96
TOTAL PETROLEUM HYDROCARBONS	D3328/EPA 8100				
Hydrocarbon Content	D3328/EPA 8100	37	ug/g	LDF	9/26/96
Quantitation Limit (total product)	D3328/EPA 8100	10	ug/g-lmt	LDF	9/26/96
Quantitation Limit (individual product)	D3328/EPA 8100	0.50	ug/g-lmt	LDF	9/26/96
Surrogate:	D3328/EPA 8100				
***p-Terphenyl	D3328/EPA 8100	126	% R	LDF	9/26/96
Extraction		1.0	DF	SLB	9/25/96
TCLP-RCRA METALS					
Silver	EPA 1311/6010	0.0220	mg/L	AJY	9/26/96
Arsenic	EPA 1311/6010	<0.132	mg/L	AJY	9/26/96
Barium	EPA 1311/6010	0.594	mg/L	AJY	9/26/96
Cadmium	EPA 1311/6010	<0.00300	mg/L	AJY	9/26/96
Chromium	EPA 1311/6010	<0.00700	mg/L	AJY	9/26/96
Mercury	EPA 1311/7470A	<0.000200	mg/L	ESG	9/30/96
Lead	EPA 1311/6010	0.130	mg/L	AJY	9/26/96
Selenium	EPA 1311/6010	<0.100	mg/L	AJY	9/26/96

GZA GeoEnvironmental, Inc.

ANALYTICAL REPORT

Project Name: Rutland Plaza
Project No.: 21098.50

Work Order No.: 9609-00102

Sample ID: SP-5
Sample Date: 9/20/96

Sample No.: 5

Test Performed	Method	Results	Units	Tech	Analysis Date
VOLATILE ORGANIC COMPOUNDS	EPA 8240				
Dichlorodifluoromethane	EPA 8240	<5.0	ug/kg	NCC	9/23/96
Chloromethane	EPA 8240	<5.0	ug/kg	NCC	9/23/96
Vinyl Chloride	EPA 8240	<5.0	ug/kg	NCC	9/23/96
Bromomethane	EPA 8240	<5.0	ug/kg	NCC	9/23/96
Chloroethane	EPA 8240	<5.0	ug/kg	NCC	9/23/96
Trichlorofluoromethane	EPA 8240	<20	ug/kg	NCC	9/23/96
Acrolein	EPA 8240	<50	ug/kg	NCC	9/23/96
Acetone	EPA 8240	<50	ug/kg	NCC	9/23/96
1,1-Dichloroethene	EPA 8240	<5.0	ug/kg	NCC	9/23/96
Dichloromethane	EPA 8240	<5.0	ug/kg	NCC	9/23/96
Carbon Disulfide	EPA 8240	<10	ug/kg	NCC	9/23/96
Acrylonitrile	EPA 8240	<50	ug/kg	NCC	9/23/96
Methyl-Tert-Butyl-Ether	EPA 8240	<10	ug/kg	NCC	9/23/96
trans-1,2-Dichloroethene	EPA 8240	<5.0	ug/kg	NCC	9/23/96
Vinyl Acetate	EPA 8240	<5.0	ug/kg	NCC	9/23/96
1,1-Dichloroethane	EPA 8240	<5.0	ug/kg	NCC	9/23/96
2-Butanone	EPA 8240	<50	ug/kg	NCC	9/23/96
cis-1,2-Dichloroethene	EPA 8240	<5.0	ug/kg	NCC	9/23/96
Chloroform	EPA 8240	<5.0	ug/kg	NCC	9/23/96
1,1,1-Trichloroethane	EPA 8240	<5.0	ug/kg	NCC	9/23/96
Carbon Tetrachloride	EPA 8240	<5.0	ug/kg	NCC	9/23/96
1,2-Dichloroethane	EPA 8240	<5.0	ug/kg	NCC	9/23/96
Benzene	EPA 8240	<5.0	ug/kg	NCC	9/23/96
Trichloroethene	EPA 8240	<5.0	ug/kg	NCC	9/23/96
1,2-Dichloropropane	EPA 8240	<5.0	ug/kg	NCC	9/23/96
Bromodichloromethane	EPA 8240	<5.0	ug/kg	NCC	9/23/96
2-Chloroethylvinylether	EPA 8240	<5.0	ug/kg	NCC	9/23/96
4-Methyl-2-Pentanone	EPA 8240	<10	ug/kg	NCC	9/23/96
cis-1,3-Dichloropropene	EPA 8240	<5.0	ug/kg	NCC	9/23/96
Toluene	EPA 8240	<5.0	ug/kg	NCC	9/23/96
trans-1,3-Dichloropropene	EPA 8240	<5.0	ug/kg	NCC	9/23/96
1,1,2-Trichloroethane	EPA 8240	<5.0	ug/kg	NCC	9/23/96
2-Hexanone	EPA 8240	<10	ug/kg	NCC	9/23/96
Tetrachloroethene	EPA 8240	<5.0	ug/kg	NCC	9/23/96
Dibromochloromethane	EPA 8240	<5.0	ug/kg	NCC	9/23/96
Chlorobenzene	EPA 8240	<5.0	ug/kg	NCC	9/23/96
Ethylbenzene	EPA 8240	<5.0	ug/kg	NCC	9/23/96
m&p-Xylene	EPA 8240	<5.0	ug/kg	NCC	9/23/96
o-Xylene	EPA 8240	<5.0	ug/kg	NCC	9/23/96
Styrene	EPA 8240	<5.0	ug/kg	NCC	9/23/96

GZA GeoEnvironmental, Inc.

ANALYTICAL REPORT

Project Name: Rutland Plaza
Project No.: 21098.50

Work Order No.: 9609-00102

Sample ID: SP-5
Sample Date: 9/20/96

Sample No.: 5

Test Performed	Method	Results	Units	Tech	Analysis Date
Bromoform	EPA 8240	<5.0	ug/kg	NCC	9/23/96
1,1,2,2-Tetrachloroethane	EPA 8240	<5.0	ug/kg	NCC	9/23/96
1,3-Dichlorobenzene	EPA 8240	<5.0	ug/kg	NCC	9/23/96
1,4-Dichlorobenzene	EPA 8240	<5.0	ug/kg	NCC	9/23/96
1,2-Dichlorobenzene	EPA 8240	<5.0	ug/kg	NCC	9/23/96
Surrogates:	EPA 8240				
***1,2-Dichloroethane-D4	EPA 8240	111	% R	NCC	9/23/96
***Toluene-D8	EPA 8240	100	% R	NCC	9/23/96
***4-Bromofluorobenzene	EPA 8240	99.5	% R	NCC	9/23/96
POLYCHLORINATED BIPHENYLS	EPA 8080				
Aroclor 1262	EPA 8080	<25	ug/kg	RJD	9/25/96
Aroclor 1260	EPA 8080	<25	ug/kg	RJD	9/25/96
Aroclor 1254	EPA 8080	<25	ug/kg	RJD	9/25/96
Aroclor 1248	EPA 8080	<25	ug/kg	RJD	9/25/96
Aroclor 1242/1016	EPA 8080	<25	ug/kg	RJD	9/25/96
Aroclor 1232	EPA 8080	<25	ug/kg	RJD	9/25/96
Aroclor 1221	EPA 8080	<25	ug/kg	RJD	9/25/96
Surrogates:	EPA 8080				
***Tetrachloro-m-xylene	EPA 8080	86.0	% R	RJD	9/25/96
***Decachlorobiphenyl	EPA 8080	81.3	% R	RJD	9/25/96
Extraction		1.0	DF	SLB	9/24/96
SEMI-VOLATILE ORGANIC COMPOUNDS	EPA 8270				
Phenol	EPA 8270	<330	ug/kg	RJD	9/25/96
2-Chlorophenol	EPA 8270	<330	ug/kg	RJD	9/25/96
2-Methylphenol	EPA 8270	<330	ug/kg	RJD	9/25/96
3&4-Methylphenol	EPA 8270	<330	ug/kg	RJD	9/25/96
2-Nitrophenol	EPA 8270	<330	ug/kg	RJD	9/25/96
2,4-Dimethylphenol	EPA 8270	<330	ug/kg	RJD	9/25/96
Benzoic Acid	EPA 8270	<3300	ug/kg	RJD	9/25/96
2,4-Dichlorophenol	EPA 8270	<330	ug/kg	RJD	9/25/96
4-Chloro-3-Methylphenol	EPA 8270	<660	ug/kg	RJD	9/25/96
2,4,6-Trichlorophenol	EPA 8270	<330	ug/kg	RJD	9/25/96
2,4,5-Trichlorophenol	EPA 8270	<330	ug/kg	RJD	9/25/96
2,4-Dinitrophenol	EPA 8270	<3300	ug/kg	RJD	9/25/96
4-Nitrophenol	EPA 8270	<1700	ug/kg	RJD	9/25/96
4,6-Dinitro-2-Methylphenol	EPA 8270	<1700	ug/kg	RJD	9/25/96
Pentachlorophenol	EPA 8270	<1700	ug/kg	RJD	9/25/96
n-Nitrosodimethylamine	EPA 8270	<330	ug/kg	RJD	9/25/96
bis(2-Chloroethyl)Ether	EPA 8270	<330	ug/kg	RJD	9/25/96
1,3-Dichlorobenzene	EPA 8270	<330	ug/kg	RJD	9/25/96
1,4-Dichlorobenzene	EPA 8270	<330	ug/kg	RJD	9/25/96

GZA GeoEnvironmental, Inc.

ANALYTICAL REPORT

Project Name: Rutland Plaza
Project No.: 21098.50

Work Order No.: 9609-00102

Sample ID: SP-5
Sample Date: 9/20/96

Sample No.: 5

Test Performed	Method	Results	Units	Tech	Analysis Date
Benzyl Alchohol	EPA 8270	<660	ug/kg	RJD	9/25/96
1,2-Dichlorobenzene	EPA 8270	<330	ug/kg	RJD	9/25/96
bis(2-Chloroisopropyl)Ether	EPA 8270	<330	ug/kg	RJD	9/25/96
n-Nitrosodi-n-Propylamine	EPA 8270	<330	ug/kg	RJD	9/25/96
Hexachloroethane	EPA 8270	<330	ug/kg	RJD	9/25/96
Nitrobenzene	EPA 8270	<330	ug/kg	RJD	9/25/96
Isophorone	EPA 8270	<330	ug/kg	RJD	9/25/96
bis(2-Chloroethoxy)Methane	EPA 8270	<330	ug/kg	RJD	9/25/96
1,2,4-Trichlorobenzene	EPA 8270	<330	ug/kg	RJD	9/25/96
Naphthalene	EPA 8270	<330	ug/kg	RJD	9/25/96
4-Chloroaniline	EPA 8270	<660	ug/kg	RJD	9/25/96
Hexachlorobutadiene	EPA 8270	<330	ug/kg	RJD	9/25/96
2-Methylnaphthalene	EPA 8270	<330	ug/kg	RJD	9/25/96
1-Methylnaphthalene	EPA 8270	<330	ug/kg	RJD	9/25/96
Hexachlorocyclopentadiene	EPA 8270	<1700	ug/kg	RJD	9/25/96
2-Chloronapthalene	EPA 8270	<330	ug/kg	RJD	9/25/96
2-Nitroaniline	EPA 8270	<660	ug/kg	RJD	9/25/96
Dimethylphthalate	EPA 8270	<330	ug/kg	RJD	9/25/96
Acenaphthylene	EPA 8270	<330	ug/kg	RJD	9/25/96
2,6-Dinitrotoluene	EPA 8270	<330	ug/kg	RJD	9/25/96
3-Nitroaniline	EPA 8270	<660	ug/kg	RJD	9/25/96
Acenaphthene	EPA 8270	<330	ug/kg	RJD	9/25/96
Dibenzofuran	EPA 8270	<330	ug/kg	RJD	9/25/96
2,4-Dinitrotoluene	EPA 8270	<330	ug/kg	RJD	9/25/96
Diethylphthalate	EPA 8270	<330	ug/kg	RJD	9/25/96
Fluorene	EPA 8270	<330	ug/kg	RJD	9/25/96
4-Chlorophenyl Phenyl Ether	EPA 8270	<330	ug/kg	RJD	9/25/96
4-Nitroaniline	EPA 8270	<660	ug/kg	RJD	9/25/96
n-Nitrosodiphenylamine	EPA 8270	<330	ug/kg	RJD	9/25/96
4-Bromophenyl Phenyl Ether	EPA 8270	<330	ug/kg	RJD	9/25/96
Hexachlorobenzene	EPA 8270	<330	ug/kg	RJD	9/25/96
Phenanthrene	EPA 8270	<330	ug/kg	RJD	9/25/96
Anthracene	EPA 8270	<330	ug/kg	RJD	9/25/96
Carbazole	EPA 8270	<330	ug/kg	RJD	9/25/96
di-n-Butylphthalate	EPA 8270	<500	ug/kg	RJD	9/25/96
Fluoranthene	EPA 8270	<330	ug/kg	RJD	9/25/96
Pyrene	EPA 8270	<330	ug/kg	RJD	9/25/96
Butylbenzylphthalate	EPA 8270	<330	ug/kg	RJD	9/25/96
Benzo [a] Anthracene	EPA 8270	<330	ug/kg	RJD	9/25/96
3,3'-Dichlorobenzidine	EPA 8270	<660	ug/kg	RJD	9/25/96
Chrysene	EPA 8270	<330	ug/kg	RJD	9/25/96

GZA GeoEnvironmental, Inc.

ANALYTICAL REPORT

Project Name: Rutland Plaza
Project No.: 21098.50

Work Order No.: 9609-00102

Sample ID: SP-5
Sample Date: 9/20/96

Sample No.: 5

Test Performed	Method	Results	Units	Tech	Analysis Date
bis(2-Ethylhexyl)Phthalate	EPA 8270	<330	ug/kg	RJD	9/25/96
di-n-Octylphthalate	EPA 8270	<330	ug/kg	RJD	9/25/96
Benzo [b] Fluoranthene	EPA 8270	<330	ug/kg	RJD	9/25/96
Benzo [k] Fluoranthene	EPA 8270	<330	ug/kg	RJD	9/25/96
Benzo [a] Pyrene	EPA 8270	<330	ug/kg	RJD	9/25/96
Indeno [1,2,3-cd] Pyrene	EPA 8270	<330	ug/kg	RJD	9/25/96
Dibenzo [a,h] Anthracene	EPA 8270	<330	ug/kg	RJD	9/25/96
Benzo [g,h,i] Perylene	EPA 8270	<330	ug/kg	RJD	9/25/96
Surrogates:	EPA 8270				
***2-Fluorophenol	EPA 8270	66.3	% R	RJD	9/25/96
***Phenol-D6	EPA 8270	68.9	% R	RJD	9/25/96
***Nitrobenzene-D5	EPA 8270	82.4	% R	RJD	9/25/96
***2-Fluorobiphenyl	EPA 8270	86.7	% R	RJD	9/25/96
***2,4,6-Tribromophenol	EPA 8270	86.1	% R	RJD	9/25/96
***P-Terphenyl-D14	EPA 8270	54.0	% R	RJD	9/25/96
Extraction		1.0	DF	RJD	9/24/96
TOTAL PETROLEUM HYDROCARBONS	D3328/EPA 8100				
Hydrocarbon Content	D3328/EPA 8100	<10	ug/g	LDF	9/26/96
Quantitation Limit (total product)	D3328/EPA 8100	10	ug/g-lmt	LDF	9/26/96
Quantitation Limit (individual product)	D3328/EPA 8100	0.50	ug/g-lmt	LDF	9/26/96
Surrogate:	D3328/EPA 8100				
***p-Terphenyl	D3328/EPA 8100	142	% R	LDF	9/26/96
Extraction		1.0	DF	SLB	9/25/96
TCLP-RCRA METALS					
Silver	EPA 1311/6010	<0.0200	mg/L	AJY	9/26/96
Arsenic	EPA 1311/6010	<0.132	mg/L	AJY	9/26/96
Barium	EPA 1311/6010	0.374	mg/L	AJY	9/26/96
Cadmium	EPA 1311/6010	<0.00300	mg/L	AJY	9/26/96
Chromium	EPA 1311/6010	<0.00700	mg/L	AJY	9/26/96
Mercury	EPA 1311/7470A	<0.000200	mg/L	ESG	9/30/96
Lead	EPA 1311/6010	<0.0500	mg/L	AJY	9/26/96
Selenium	EPA 1311/6010	<0.100	mg/L	AJY	9/26/96

GZA GeoEnvironmental, Inc.

ANALYTICAL REPORT

Project Name: Rutland Plaza
Project No.: 21098.50

Work Order No.: 9609-00102

Sample ID: SP-6
Sample Date: 9/20/96

Sample No.: 6

Test Performed	Method	Results	Units	Tech	Analysis Date
VOLATILE ORGANIC COMPOUNDS	EPA 8240				
Dichlorodifluoromethane	EPA 8240	<5.0	ug/kg	NCC	9/23/96
Chloromethane	EPA 8240	<5.0	ug/kg	NCC	9/23/96
Vinyl Chloride	EPA 8240	<5.0	ug/kg	NCC	9/23/96
Bromomethane	EPA 8240	<5.0	ug/kg	NCC	9/23/96
Chloroethane	EPA 8240	<5.0	ug/kg	NCC	9/23/96
Trichlorofluoromethane	EPA 8240	<20	ug/kg	NCC	9/23/96
Acrolein	EPA 8240	<50	ug/kg	NCC	9/23/96
Acetone	EPA 8240	<50	ug/kg	NCC	9/23/96
1,1-Dichloroethene	EPA 8240	<5.0	ug/kg	NCC	9/23/96
Dichloromethane	EPA 8240	<5.0	ug/kg	NCC	9/23/96
Carbon Disulfide	EPA 8240	<10	ug/kg	NCC	9/23/96
Acrylonitrile	EPA 8240	<50	ug/kg	NCC	9/23/96
Methyl-Tert-Butyl-Ether	EPA 8240	<10	ug/kg	NCC	9/23/96
trans-1,2-Dichloroethene	EPA 8240	<5.0	ug/kg	NCC	9/23/96
Vinyl Acetate	EPA 8240	<5.0	ug/kg	NCC	9/23/96
1,1-Dichloroethane	EPA 8240	<5.0	ug/kg	NCC	9/23/96
2-Butanone	EPA 8240	<50	ug/kg	NCC	9/23/96
cis-1,2-Dichloroethene	EPA 8240	<5.0	ug/kg	NCC	9/23/96
Chloroform	EPA 8240	<5.0	ug/kg	NCC	9/23/96
1,1,1-Trichloroethane	EPA 8240	<5.0	ug/kg	NCC	9/23/96
Carbon Tetrachloride	EPA 8240	<5.0	ug/kg	NCC	9/23/96
1,2-Dichloroethane	EPA 8240	<5.0	ug/kg	NCC	9/23/96
Benzene	EPA 8240	<5.0	ug/kg	NCC	9/23/96
Trichloroethene	EPA 8240	<5.0	ug/kg	NCC	9/23/96
1,2-Dichloropropane	EPA 8240	<5.0	ug/kg	NCC	9/23/96
Bromodichloromethane	EPA 8240	<5.0	ug/kg	NCC	9/23/96
2-Chloroethylvinylether	EPA 8240	<5.0	ug/kg	NCC	9/23/96
4-Methyl-2-Pentanone	EPA 8240	<10	ug/kg	NCC	9/23/96
cis-1,3-Dichloropropene	EPA 8240	<5.0	ug/kg	NCC	9/23/96
Toluene	EPA 8240	<5.0	ug/kg	NCC	9/23/96
trans-1,3-Dichloropropene	EPA 8240	<5.0	ug/kg	NCC	9/23/96
1,1,2-Trichloroethane	EPA 8240	<5.0	ug/kg	NCC	9/23/96
2-Hexanone	EPA 8240	<10	ug/kg	NCC	9/23/96
Tetrachloroethene	EPA 8240	<5.0	ug/kg	NCC	9/23/96
Dibromochloromethane	EPA 8240	<5.0	ug/kg	NCC	9/23/96
Chlorobenzene	EPA 8240	<5.0	ug/kg	NCC	9/23/96
Ethylbenzene	EPA 8240	<5.0	ug/kg	NCC	9/23/96
m&p-Xylene	EPA 8240	<5.0	ug/kg	NCC	9/23/96
o-Xylene	EPA 8240	<5.0	ug/kg	NCC	9/23/96
Styrene	EPA 8240	<5.0	ug/kg	NCC	9/23/96

GZA GeoEnvironmental, Inc.

ANALYTICAL REPORT

Project Name: Rutland Plaza
Project No.: 21098.50

Work Order No.: 9609-00102

Sample ID: SP-6
Sample Date: 9/20/96

Sample No.: 6

Test Performed	Method	Results	Units	Tech	Analysis Date
Bromoform	EPA 8240	<5.0	ug/kg	NCC	9/23/96
1,1,2,2-Tetrachloroethane	EPA 8240	<5.0	ug/kg	NCC	9/23/96
1,3-Dichlorobenzene	EPA 8240	<5.0	ug/kg	NCC	9/23/96
1,4-Dichlorobenzene	EPA 8240	<5.0	ug/kg	NCC	9/23/96
1,2-Dichlorobenzene	EPA 8240	<5.0	ug/kg	NCC	9/23/96
Surrogates:	EPA 8240				
***1,2-Dichloroethane-D4	EPA 8240	115	% R	NCC	9/23/96
***Toluene-D8	EPA 8240	97.0	% R	NCC	9/23/96
***4-Bromofluorobenzene	EPA 8240	92.6	% R	NCC	9/23/96
POLYCHLORINATED BIPHENYLS	EPA 8080				
Aroclor 1262	EPA 8080	<25	ug/kg	RJD	9/25/96
Aroclor 1260	EPA 8080	<25	ug/kg	RJD	9/25/96
Aroclor 1254	EPA 8080	<25	ug/kg	RJD	9/25/96
Aroclor 1248	EPA 8080	<25	ug/kg	RJD	9/25/96
Aroclor 1242/1016	EPA 8080	<25	ug/kg	RJD	9/25/96
Aroclor 1232	EPA 8080	<25	ug/kg	RJD	9/25/96
Aroclor 1221	EPA 8080	<25	ug/kg	RJD	9/25/96
Surrogates:	EPA 8080				
***Tetrachloro-m-xylene	EPA 8080	76.5	% R	RJD	9/25/96
***Decachlorobiphenyl	EPA 8080	63.8	% R	RJD	9/25/96
Extraction		1.0	DF	SLB	9/24/96
SEMI-VOLATILE ORGANIC COMPOUNDS	EPA 8270				
Phenol	EPA 8270	<1300	ug/kg	RJD	9/25/96
2-Chlorophenol	EPA 8270	<1300	ug/kg	RJD	9/25/96
2-Methylphenol	EPA 8270	<1300	ug/kg	RJD	9/25/96
3&4-Methylphenol	EPA 8270	<1300	ug/kg	RJD	9/25/96
2-Nitrophenol	EPA 8270	<1300	ug/kg	RJD	9/25/96
2,4-Dimethylphenol	EPA 8270	<1300	ug/kg	RJD	9/25/96
Benzoic Acid	EPA 8270	<13000	ug/kg	RJD	9/25/96
2,4-Dichlorophenol	EPA 8270	<1300	ug/kg	RJD	9/25/96
4-Chloro-3-Methylphenol	EPA 8270	<2600	ug/kg	RJD	9/25/96
2,4,6-Trichlorophenol	EPA 8270	<1300	ug/kg	RJD	9/25/96
2,4,5-Trichlorophenol	EPA 8270	<1300	ug/kg	RJD	9/25/96
2,4-Dinitrophenol	EPA 8270	<13000	ug/kg	RJD	9/25/96
4-Nitrophenol	EPA 8270	<6600	ug/kg	RJD	9/25/96
4,6-Dinitro-2-Methylphenol	EPA 8270	<6600	ug/kg	RJD	9/25/96
Pentachlorophenol	EPA 8270	<6600	ug/kg	RJD	9/25/96
n-Nitrosodimethylamine	EPA 8270	<1300	ug/kg	RJD	9/25/96
bis(2-Chloroethyl)Ether	EPA 8270	<1300	ug/kg	RJD	9/25/96
1,3-Dichlorobenzene	EPA 8270	<1300	ug/kg	RJD	9/25/96
1,4-Dichlorobenzene	EPA 8270	<1300	ug/kg	RJD	9/25/96

GZA GeoEnvironmental, Inc.

ANALYTICAL REPORT

Project Name: Rutland Plaza
Project No.: 21098.50

Work Order No.: 9609-00102

Sample ID: SP-6
Sample Date: 9/20/96

Sample No.: 6

Test Performed	Method	Results	Units	Tech	Analysis Date
Benzyl Alchohol	EPA 8270	<2600	ug/kg	RJD	9/25/96
1,2-Dichlorobenzene	EPA 8270	<1300	ug/kg	RJD	9/25/96
bis(2-Chloroisopropyl)Ether	EPA 8270	<1300	ug/kg	RJD	9/25/96
n-Nitrosodi-n-Propylamine	EPA 8270	<1300	ug/kg	RJD	9/25/96
Hexachloroethane	EPA 8270	<1300	ug/kg	RJD	9/25/96
Nitrobenzene	EPA 8270	<1300	ug/kg	RJD	9/25/96
Isophorone	EPA 8270	<1300	ug/kg	RJD	9/25/96
bis(2-Chloroethoxy)Methane	EPA 8270	<1300	ug/kg	RJD	9/25/96
1,2,4-Trichlorobenzene	EPA 8270	<1300	ug/kg	RJD	9/25/96
Naphthalene	EPA 8270	<1300	ug/kg	RJD	9/25/96
4-Chloroaniline	EPA 8270	<2600	ug/kg	RJD	9/25/96
Hexachlorobutadiene	EPA 8270	<1300	ug/kg	RJD	9/25/96
2-Methylnaphthalene	EPA 8270	<1300	ug/kg	RJD	9/25/96
1-Methylnaphthalene	EPA 8270	<1300	ug/kg	RJD	9/25/96
Hexachlorocyclopentadiene	EPA 8270	<6600	ug/kg	RJD	9/25/96
2-Chloronapthalene	EPA 8270	<1300	ug/kg	RJD	9/25/96
2-Nitroaniline	EPA 8270	<2600	ug/kg	RJD	9/25/96
Dimethylphthalate	EPA 8270	<1300	ug/kg	RJD	9/25/96
Acenaphthylene	EPA 8270	1900	ug/kg	RJD	9/25/96
2,6-Dinitrotoluene	EPA 8270	<1300	ug/kg	RJD	9/25/96
3-Nitroaniline	EPA 8270	<2600	ug/kg	RJD	9/25/96
Acenaphthene	EPA 8270	<1300	ug/kg	RJD	9/25/96
Dibenzofuran	EPA 8270	1500	ug/kg	RJD	9/25/96
2,4-Dinitrotoluene	EPA 8270	<1300	ug/kg	RJD	9/25/96
Diethylphthalate	EPA 8270	<1300	ug/kg	RJD	9/25/96
Fluorene	EPA 8270	2600	ug/kg	RJD	9/25/96
4-Chlorophenyl Phenyl Ether	EPA 8270	<1300	ug/kg	RJD	9/25/96
4-Nitroaniline	EPA 8270	<2600	ug/kg	RJD	9/25/96
n-Nitrosodiphenylamine	EPA 8270	<1300	ug/kg	RJD	9/25/96
4-Bromophenyl Phenyl Ether	EPA 8270	<1300	ug/kg	RJD	9/25/96
Hexachlorobenzene	EPA 8270	<1300	ug/kg	RJD	9/25/96
Phenanthrene	EPA 8270	16000	ug/kg	RJD	9/25/96
Anthracene	EPA 8270	5700	ug/kg	RJD	9/25/96
Carbazole	EPA 8270	<1300	ug/kg	RJD	9/25/96
di-n-Butylphthalate	EPA 8270	<2000	ug/kg	RJD	9/25/96
Fluoranthene	EPA 8270	23000	ug/kg	RJD	9/25/96
Pyrene	EPA 8270	23000	ug/kg	RJD	9/25/96
Butylbenzylphthalate	EPA 8270	<1300	ug/kg	RJD	9/25/96
Benzo [a] Anthracene	EPA 8270	15000	ug/kg	RJD	9/25/96
3,3'-Dichlorobenzidine	EPA 8270	<2600	ug/kg	RJD	9/25/96
Chrysene	EPA 8270	15000	ug/kg	RJD	9/25/96

GZA GeoEnvironmental, Inc.

ANALYTICAL REPORT

Project Name: Rutland Plaza
Project No.: 21098.50

Work Order No.: 9609-00102

Sample ID: SP-6
Sample Date: 9/20/96

Sample No.: 6

Test Performed	Method	Results	Units	Tech	Analysis Date
bis(2-Ethylhexyl)Phthalate	EPA 8270	<1300	ug/kg	RJD	9/25/96
di-n-Octylphthalate	EPA 8270	<1300	ug/kg	RJD	9/25/96
Benzo [b] Fluoranthene	EPA 8270	12000	ug/kg	RJD	9/25/96
Benzo [k] Fluoranthene	EPA 8270	13000	ug/kg	RJD	9/25/96
Benzo [a] Pyrene	EPA 8270	17000	ug/kg	RJD	9/25/96
Indeno [1,2,3-cd] Pyrene	EPA 8270	7300	ug/kg	RJD	9/25/96
Dibenzo [a,h] Anthracene	EPA 8270	1500	ug/kg	RJD	9/25/96
Benzo [g,h,i] Perylene	EPA 8270	6400	ug/kg	RJD	9/25/96
Surrogates:	EPA 8270				
***2-Fluorophenol	EPA 8270	81.7	% R	RJD	9/25/96
***Phenol-D6	EPA 8270	83.5	% R	RJD	9/25/96
***Nitrobenzene-D5	EPA 8270	106	% R	RJD	9/25/96
***2-Fluorobiphenyl	EPA 8270	106	% R	RJD	9/25/96
***2,4,6-Tribromophenol	EPA 8270	89.4	% R	RJD	9/25/96
***P-Terphenyl-D14	EPA 8270	70.7	% R	RJD	9/25/96
Extraction		4.0	DF	RJD	9/24/96
TOTAL PETROLEUM HYDROCARBONS	D3328/EPA 8100				
Hydrocarbon Content	D3328/EPA 8100	140	ug/g	LDF	9/26/96
Quantitation Limit (total product)	D3328/EPA 8100	10	ug/g-lmt	LDF	9/26/96
Quantitation Limit (individual product)	D3328/EPA 8100	0.50	ug/g-lmt	LDF	9/26/96
Surrogate:	D3328/EPA 8100				
***p-Terphenyl	D3328/EPA 8100	D.O.	% R	LDF	9/26/96
Extraction		1.0	DF	SLB	9/25/96
TCLP-RCRA METALS					
Silver	EPA 1311/6010	<0.0200	mg/L	AJY	9/26/96
Arsenic	EPA 1311/6010	<0.132	mg/L	AJY	9/26/96
Barium	EPA 1311/6010	0.548	mg/L	AJY	9/26/96
Cadmium	EPA 1311/6010	0.00500	mg/L	AJY	9/26/96
Chromium	EPA 1311/6010	<0.00700	mg/L	AJY	9/26/96
Mercury	EPA 1311/7470A	<0.000200	mg/L	ESG	9/30/96
Lead	EPA 1311/6010	0.107	mg/L	AJY	9/26/96
Selenium	EPA 1311/6010	<0.100	mg/L	AJY	9/26/96

GZA GeoEnvironmental, Inc.

ANALYTICAL REPORT

Project Name: Rutland Plaza
Project No.: 21098.50

Work Order No.: 9609-00102

Sample ID: SP-7
Sample Date: 9/20/96

Sample No.: 7

Test Performed	Method	Results	Units	Tech	Analysis Date
VOLATILE ORGANIC COMPOUNDS	EPA 8240				
Dichlorodifluoromethane	EPA 8240	<5.0	ug/kg	NCC	9/23/96
Chloromethane	EPA 8240	<5.0	ug/kg	NCC	9/23/96
Vinyl Chloride	EPA 8240	<5.0	ug/kg	NCC	9/23/96
Bromomethane	EPA 8240	<5.0	ug/kg	NCC	9/23/96
Chloroethane	EPA 8240	<5.0	ug/kg	NCC	9/23/96
Trichlorofluoromethane	EPA 8240	<20	ug/kg	NCC	9/23/96
Acrolein	EPA 8240	<50	ug/kg	NCC	9/23/96
Acetone	EPA 8240	<50	ug/kg	NCC	9/23/96
1,1-Dichloroethene	EPA 8240	<5.0	ug/kg	NCC	9/23/96
Dichloromethane	EPA 8240	<5.0	ug/kg	NCC	9/23/96
Carbon Disulfide	EPA 8240	<10	ug/kg	NCC	9/23/96
Acrylonitrile	EPA 8240	<50	ug/kg	NCC	9/23/96
Methyl-Tert-Butyl-Ether	EPA 8240	<10	ug/kg	NCC	9/23/96
trans-1,2-Dichloroethene	EPA 8240	<5.0	ug/kg	NCC	9/23/96
Vinyl Acetate	EPA 8240	<5.0	ug/kg	NCC	9/23/96
1,1-Dichloroethane	EPA 8240	<5.0	ug/kg	NCC	9/23/96
2-Butanone	EPA 8240	<50	ug/kg	NCC	9/23/96
cis-1,2-Dichloroethene	EPA 8240	<5.0	ug/kg	NCC	9/23/96
Chloroform	EPA 8240	<5.0	ug/kg	NCC	9/23/96
1,1,1-Trichloroethane	EPA 8240	<5.0	ug/kg	NCC	9/23/96
Carbon Tetrachloride	EPA 8240	<5.0	ug/kg	NCC	9/23/96
1,2-Dichloroethane	EPA 8240	<5.0	ug/kg	NCC	9/23/96
Benzene	EPA 8240	<5.0	ug/kg	NCC	9/23/96
Trichloroethene	EPA 8240	<5.0	ug/kg	NCC	9/23/96
1,2-Dichloropropane	EPA 8240	<5.0	ug/kg	NCC	9/23/96
Bromodichloromethane	EPA 8240	<5.0	ug/kg	NCC	9/23/96
2-Chloroethylvinylether	EPA 8240	<5.0	ug/kg	NCC	9/23/96
4-Methyl-2-Pentanone	EPA 8240	<10	ug/kg	NCC	9/23/96
cis-1,3-Dichloropropene	EPA 8240	<5.0	ug/kg	NCC	9/23/96
Toluene	EPA 8240	<5.0	ug/kg	NCC	9/23/96
trans-1,3-Dichloropropene	EPA 8240	<5.0	ug/kg	NCC	9/23/96
1,1,2-Trichloroethane	EPA 8240	<5.0	ug/kg	NCC	9/23/96
2-Hexanone	EPA 8240	<10	ug/kg	NCC	9/23/96
Tetrachloroethene	EPA 8240	<5.0	ug/kg	NCC	9/23/96
Dibromochloromethane	EPA 8240	<5.0	ug/kg	NCC	9/23/96
Chlorobenzene	EPA 8240	<5.0	ug/kg	NCC	9/23/96
Ethylbenzene	EPA 8240	<5.0	ug/kg	NCC	9/23/96
m&p-Xylene	EPA 8240	<5.0	ug/kg	NCC	9/23/96
o-Xylene	EPA 8240	<5.0	ug/kg	NCC	9/23/96
Styrene	EPA 8240	<5.0	ug/kg	NCC	9/23/96

GZA GeoEnvironmental, Inc.

ANALYTICAL REPORT

Project Name: Rutland Plaza
Project No.: 21098.50

Work Order No.: 9609-00102

Sample ID: SP-7
Sample Date: 9/20/96

Sample No.: 7

Test Performed	Method	Results	Units	Tech	Analysis Date
Bromoform	EPA 8240	<5.0	ug/kg	NCC	9/23/96
1,1,2,2-Tetrachloroethane	EPA 8240	<5.0	ug/kg	NCC	9/23/96
1,3-Dichlorobenzene	EPA 8240	<5.0	ug/kg	NCC	9/23/96
1,4-Dichlorobenzene	EPA 8240	<5.0	ug/kg	NCC	9/23/96
1,2-Dichlorobenzene	EPA 8240	<5.0	ug/kg	NCC	9/23/96
Surrogates:	EPA 8240				
***1,2-Dichloroethane-D4	EPA 8240	118	% R	NCC	9/23/96
***Toluene-D8	EPA 8240	96.1	.	NCC	9/23/96
***4-Bromofluorobenzene	EPA 8240	97.7	% R	NCC	9/23/96
POLYCHLORINATED BIPHENYLS	EPA 8080				
Aroclor 1262	EPA 8080	<25	ug/kg	RJD	9/25/96
Aroclor 1260	EPA 8080	<25	ug/kg	RJD	9/25/96
Aroclor 1254	EPA 8080	<25	ug/kg	RJD	9/25/96
Aroclor 1248	EPA 8080	<25	ug/kg	RJD	9/25/96
Aroclor 1242/1016	EPA 8080	<25	ug/kg	RJD	9/25/96
Aroclor 1232	EPA 8080	<25	ug/kg	RJD	9/25/96
Aroclor 1221	EPA 8080	<25	ug/kg	RJD	9/25/96
Surrogates:	EPA 8080				
***Tetrachloro-m-xylene	EPA 8080	77.8	% R	RJD	9/25/96
***Decachlorobiphenyl	EPA 8080	64.5	% R	RJD	9/25/96
Extraction		1.0	DF	SLB	9/24/96
SEMI-VOLATILE ORGANIC COMPOUNDS	EPA 8270				
Phenol	EPA 8270	<660	ug/kg	RJD	9/25/96
2-Chlorophenol	EPA 8270	<660	ug/kg	RJD	9/25/96
2-Methylphenol	EPA 8270	<660	ug/kg	RJD	9/25/96
3&4-Methylphenol	EPA 8270	<660	ug/kg	RJD	9/25/96
2-Nitrophenol	EPA 8270	<660	ug/kg	RJD	9/25/96
2,4-Dimethylphenol	EPA 8270	<660	ug/kg	RJD	9/25/96
Benzoic Acid	EPA 8270	<6600	ug/kg	RJD	9/25/96
2,4-Dichlorophenol	EPA 8270	<660	ug/kg	RJD	9/25/96
4-Chloro-3-Methylphenol	EPA 8270	<1300	ug/kg	RJD	9/25/96
2,4,6-Trichlorophenol	EPA 8270	<660	ug/kg	RJD	9/25/96
2,4,5-Trichlorophenol	EPA 8270	<660	ug/kg	RJD	9/25/96
2,4-Dinitrophenol	EPA 8270	<6600	ug/kg	RJD	9/25/96
4-Nitrophenol	EPA 8270	<3300	ug/kg	RJD	9/25/96
4,6-Dinitro-2-Methylphenol	EPA 8270	<3300	ug/kg	RJD	9/25/96
Pentachlorophenol	EPA 8270	<3300	ug/kg	RJD	9/25/96
n-Nitrosodimethylamine	EPA 8270	<660	ug/kg	RJD	9/25/96
bis(2-Chloroethyl)Ether	EPA 8270	<660	ug/kg	RJD	9/25/96
1,3-Dichlorobenzene	EPA 8270	<660	ug/kg	RJD	9/25/96
1,4-Dichlorobenzene	EPA 8270	<660	ug/kg	RJD	9/25/96

GZA GeoEnvironmental, Inc.

ANALYTICAL REPORT

Project Name: Rutland Plaza
Project No.: 21098.50

Work Order No.: 9609-00102

Sample ID: SP-7
Sample Date: 9/20/96

Sample No.: 7

Test Performed	Method	Results	Units	Tech	Analysis Date
Benzyl Alchohol	EPA 8270	<1300	ug/kg	RJD	9/25/96
1,2-Dichlorobenzene	EPA 8270	<660	ug/kg	RJD	9/25/96
bis(2-Chloroisopropyl)Ether	EPA 8270	<660	ug/kg	RJD	9/25/96
n-Nitrosodi-n-Propylamine	EPA 8270	<660	ug/kg	RJD	9/25/96
Hexachloroethane	EPA 8270	<660	ug/kg	RJD	9/25/96
Nitrobenzene	EPA 8270	<660	ug/kg	RJD	9/25/96
Isophorone	EPA 8270	<660	ug/kg	RJD	9/25/96
bis(2-Chloroethoxy)Methane	EPA 8270	<660	ug/kg	RJD	9/25/96
1,2,4-Trichlorobenzene	EPA 8270	<660	ug/kg	RJD	9/25/96
Naphthalene	EPA 8270	<660	ug/kg	RJD	9/25/96
4-Chloroaniline	EPA 8270	<1300	ug/kg	RJD	9/25/96
Hexachlorobutadiene	EPA 8270	<660	ug/kg	RJD	9/25/96
2-Methylnaphthalene	EPA 8270	<660	ug/kg	RJD	9/25/96
1-Methylnaphthalene	EPA 8270	<660	ug/kg	RJD	9/25/96
Hexachlorocyclopentadiene	EPA 8270	<3300	ug/kg	RJD	9/25/96
2-Chloronapthalene	EPA 8270	<660	ug/kg	RJD	9/25/96
2-Nitroaniline	EPA 8270	<1300	ug/kg	RJD	9/25/96
Dimethylphthalate	EPA 8270	<660	ug/kg	RJD	9/25/96
Acenaphthylene	EPA 8270	<660	ug/kg	RJD	9/25/96
2,6-Dinitrotoluene	EPA 8270	<660	ug/kg	RJD	9/25/96
3-Nitroaniline	EPA 8270	<1300	ug/kg	RJD	9/25/96
Acenaphthene	EPA 8270	<660	ug/kg	RJD	9/25/96
Dibenzofuran	EPA 8270	<660	ug/kg	RJD	9/25/96
2,4-Dinitrotoluene	EPA 8270	<660	ug/kg	RJD	9/25/96
Diethylphthalate	EPA 8270	<660	ug/kg	RJD	9/25/96
Fluorene	EPA 8270	<660	ug/kg	RJD	9/25/96
4-Chlorophenyl Phenyl Ether	EPA 8270	<660	ug/kg	RJD	9/25/96
4-Nitroaniline	EPA 8270	<1300	ug/kg	RJD	9/25/96
n-Nitrosodiphenylamine	EPA 8270	<660	ug/kg	RJD	9/25/96
4-Bromophenyl Phenyl Ether	EPA 8270	<660	ug/kg	RJD	9/25/96
Hexachlorobenzene	EPA 8270	<660	ug/kg	RJD	9/25/96
Phenanthrene	EPA 8270	900	ug/kg	RJD	9/25/96
Anthracene	EPA 8270	<660	ug/kg	RJD	9/25/96
Carbazole	EPA 8270	<660	ug/kg	RJD	9/25/96
di-n-Butylphthalate	EPA 8270	<1000	ug/kg	RJD	9/25/96
Fluoranthene	EPA 8270	1400	ug/kg	RJD	9/25/96
Pyrene	EPA 8270	1400	ug/kg	RJD	9/25/96
Butylbenzylphthalate	EPA 8270	<660	ug/kg	RJD	9/25/96
Benzo [a] Anthracene	EPA 8270	790	ug/kg	RJD	9/25/96
3,3'-Dichlorobenzidine	EPA 8270	<1300	ug/kg	RJD	9/25/96
Chrysene	EPA 8270	840	ug/kg	RJD	9/25/96

GZA GeoEnvironmental, Inc.

ANALYTICAL REPORT

Project Name: Rutland Plaza
Project No.: 21098.50

Work Order No.: 9609-00102

Sample ID: SP-7
Sample Date: 9/20/96

Sample No.: 7

Test Performed	Method	Results	Units	Tech	Analysis Date
bis(2-Ethylhexyl)Phthalate	EPA 8270	<660	ug/kg	RJD	9/25/96
di-n-Octylphthalate	EPA 8270	<660	ug/kg	RJD	9/25/96
Benzo [b] Fluoranthene	EPA 8270	740	ug/kg	RJD	9/25/96
Benzo [k] Fluoranthene	EPA 8270	790	ug/kg	RJD	9/25/96
Benzo [a] Pyrene	EPA 8270	950	ug/kg	RJD	9/25/96
Indeno [1,2,3-cd] Pyrene	EPA 8270	<660	ug/kg	RJD	9/25/96
Dibenzo [a,h] Anthracene	EPA 8270	<660	ug/kg	RJD	9/25/96
Benzo [g,h,i] Perylene	EPA 8270	<660	ug/kg	RJD	9/25/96
Surrogates:	EPA 8270				
***2-Fluorophenol	EPA 8270	63.6	% R	RJD	9/25/96
***Phenol-D6	EPA 8270	66.2	% R	RJD	9/25/96
***Nitrobenzene-D5	EPA 8270	80.3	% R	RJD	9/25/96
***2-Fluorobiphenyl	EPA 8270	83.2	% R	RJD	9/25/96
***2,4,6-Tribromophenol	EPA 8270	73.9	% R	RJD	9/25/96
***P-Terphenyl-D14	EPA 8270	57.8	% R	RJD	9/25/96
Extraction		2.0	DF	RJD	9/24/96
TOTAL PETROLEUM HYDROCARBONS	D3328/EPA 8100				
Hydrocarbon Content	D3328/EPA 8100	40	ug/g	LDF	9/26/96
Quantitation Limit (total product)	D3328/EPA 8100	10	ug/g-lmt	LDF	9/26/96
Quantitation Limit (individual product)	D3328/EPA 8100	0.50	ug/g-lmt	LDF	9/26/96
Surrogate:	D3328/EPA 8100				
***p-Terphenyl	D3328/EPA 8100	132	% R	LDF	9/26/96
Extraction		1.0	DF	SLB	9/25/96
TCLP-RCRA METALS					
Silver	EPA 1311/6010	<0.0200	mg/L	AJY	9/26/96
Arsenic	EPA 1311/6010	<0.132	mg/L	AJY	9/26/96
Barium	EPA 1311/6010	0.518	mg/L	AJY	9/26/96
Cadmium	EPA 1311/6010	0.00300	mg/L	AJY	9/26/96
Chromium	EPA 1311/6010	<0.00700	mg/L	AJY	9/26/96
Mercury	EPA 1311/7470A	<0.000200	mg/L	ESG	9/30/96
Lead	EPA 1311/6010	0.0930	mg/L	AJY	9/26/96
Selenium	EPA 1311/6010	<0.100	mg/L	AJY	9/26/96

GZA GeoEnvironmental, Inc.

ANALYTICAL REPORT

Project Name: Rutland Plaza
Project No.: 21098.50

Work Order No.: 9609-00102

Sample ID: SP-8
Sample Date: 9/20/96

Sample No.: 8

Test Performed	Method	Results	Units	Tech	Analysis Date
VOLATILE ORGANIC COMPOUNDS	EPA 8240				
Dichlorodifluoromethane	EPA 8240	<5.0	ug/kg	NCC	9/24/96
Chloromethane	EPA 8240	<5.0	ug/kg	NCC	9/24/96
Vinyl Chloride	EPA 8240	<5.0	ug/kg	NCC	9/24/96
Bromomethane	EPA 8240	<5.0	ug/kg	NCC	9/24/96
Chloroethane	EPA 8240	<5.0	ug/kg	NCC	9/24/96
Trichlorofluoromethane	EPA 8240	<20	ug/kg	NCC	9/24/96
Acrolein	EPA 8240	<50	ug/kg	NCC	9/24/96
Acetone	EPA 8240	<50	ug/kg	NCC	9/24/96
1,1-Dichloroethene	EPA 8240	<5.0	ug/kg	NCC	9/24/96
Dichloromethane	EPA 8240	<5.0	ug/kg	NCC	9/24/96
Carbon Disulfide	EPA 8240	<10	ug/kg	NCC	9/24/96
Acrylonitrile	EPA 8240	<50	ug/kg	NCC	9/24/96
Methyl-Tert-Butyl-Ether	EPA 8240	<10	ug/kg	NCC	9/24/96
trans-1,2-Dichloroethene	EPA 8240	<5.0	ug/kg	NCC	9/24/96
Vinyl Acetate	EPA 8240	<5.0	ug/kg	NCC	9/24/96
1,1-Dichloroethane	EPA 8240	<5.0	ug/kg	NCC	9/24/96
2-Butanone	EPA 8240	<50	ug/kg	NCC	9/24/96
cis-1,2-Dichloroethene	EPA 8240	<5.0	ug/kg	NCC	9/24/96
Chloroform	EPA 8240	<5.0	ug/kg	NCC	9/24/96
1,1,1-Trichloroethane	EPA 8240	<5.0	ug/kg	NCC	9/24/96
Carbon Tetrachloride	EPA 8240	<5.0	ug/kg	NCC	9/24/96
1,2-Dichloroethane	EPA 8240	<5.0	ug/kg	NCC	9/24/96
Benzene	EPA 8240	<5.0	ug/kg	NCC	9/24/96
Trichloroethene	EPA 8240	<5.0	ug/kg	NCC	9/24/96
1,2-Dichloropropane	EPA 8240	<5.0	ug/kg	NCC	9/24/96
Bromodichloromethane	EPA 8240	<5.0	ug/kg	NCC	9/24/96
2-Chloroethylvinylether	EPA 8240	<5.0	ug/kg	NCC	9/24/96
4-Methyl-2-Pentanone	EPA 8240	<10	ug/kg	NCC	9/24/96
cis-1,3-Dichloropropene	EPA 8240	<5.0	ug/kg	NCC	9/24/96
Toluene	EPA 8240	<5.0	ug/kg	NCC	9/24/96
trans-1,3-Dichloropropene	EPA 8240	<5.0	ug/kg	NCC	9/24/96
1,1,2-Trichloroethane	EPA 8240	<5.0	ug/kg	NCC	9/24/96
2-Hexanone	EPA 8240	<10	ug/kg	NCC	9/24/96
Tetrachloroethene	EPA 8240	<5.0	ug/kg	NCC	9/24/96
Dibromochloromethane	EPA 8240	<5.0	ug/kg	NCC	9/24/96
Chlorobenzene	EPA 8240	<5.0	ug/kg	NCC	9/24/96
Ethylbenzene	EPA 8240	<5.0	ug/kg	NCC	9/24/96
m&p-Xylene	EPA 8240	<5.0	ug/kg	NCC	9/24/96
o-Xylene	EPA 8240	<5.0	ug/kg	NCC	9/24/96
Styrene	EPA 8240	<5.0	ug/kg	NCC	9/24/96

GZA GeoEnvironmental, Inc.

ANALYTICAL REPORT

Project Name: Rutland Plaza
Project No.: 21098.50

Work Order No.: 9609-00102

Sample ID: SP-8
Sample Date: 9/20/96

Sample No.: 8

Test Performed	Method	Results	Units	Tech	Analysis Date
Bromoform	EPA 8240	<5.0	ug/kg	NCC	9/24/96
1,1,2,2-Tetrachloroethane	EPA 8240	<5.0	ug/kg	NCC	9/24/96
1,3-Dichlorobenzene	EPA 8240	<5.0	ug/kg	NCC	9/24/96
1,4-Dichlorobenzene	EPA 8240	<5.0	ug/kg	NCC	9/24/96
1,2-Dichlorobenzene	EPA 8240	<5.0	ug/kg	NCC	9/24/96
Surrogates:	EPA 8240				
***1,2-Dichloroethane-D4	EPA 8240	114	% R	NCC	9/24/96
***Toluene-D8	EPA 8240	101	% R	NCC	9/24/96
***4-Bromofluorobenzene	EPA 8240	102	% R	NCC	9/24/96
POLYCHLORINATED BIPHENYLS	EPA 8080				
Aroclor 1262	EPA 8080	<25	ug/kg	RJD	9/25/96
Aroclor 1260	EPA 8080	<25	ug/kg	RJD	9/25/96
Aroclor 1254	EPA 8080	<25	ug/kg	RJD	9/25/96
Aroclor 1248	EPA 8080	<25	ug/kg	RJD	9/25/96
Aroclor 1242/1016	EPA 8080	<25	ug/kg	RJD	9/25/96
Aroclor 1232	EPA 8080	<25	ug/kg	RJD	9/25/96
Aroclor 1221	EPA 8080	<25	ug/kg	RJD	9/25/96
Surrogates:	EPA 8080				
***Tetrachloro-m-xylene	EPA 8080	70.1	% R	RJD	9/25/96
***Decachlorobiphenyl	EPA 8080	58.5	% R	RJD	9/25/96
Extraction		1.0	DF	SLB	9/24/96
SEMI-VOLATILE ORGANIC COMPOUNDS	EPA 8270				
Phenol	EPA 8270	<660	ug/kg	RJD	9/25/96
2-Chlorophenol	EPA 8270	<660	ug/kg	RJD	9/25/96
2-Methylphenol	EPA 8270	<660	ug/kg	RJD	9/25/96
3&4-Methylphenol	EPA 8270	<660	ug/kg	RJD	9/25/96
2-Nitrophenol	EPA 8270	<660	ug/kg	RJD	9/25/96
2,4-Dimethylphenol	EPA 8270	<660	ug/kg	RJD	9/25/96
Benzoic Acid	EPA 8270	<6600	ug/kg	RJD	9/25/96
2,4-Dichlorophenol	EPA 8270	<660	ug/kg	RJD	9/25/96
4-Chloro-3-Methylphenol	EPA 8270	<1300	ug/kg	RJD	9/25/96
2,4,6-Trichlorophenol	EPA 8270	<660	ug/kg	RJD	9/25/96
2,4,5-Trichlorophenol	EPA 8270	<660	ug/kg	RJD	9/25/96
2,4-Dinitrophenol	EPA 8270	<6600	ug/kg	RJD	9/25/96
4-Nitrophenol	EPA 8270	<3300	ug/kg	RJD	9/25/96
4,6-Dinitro-2-Methylphenol	EPA 8270	<3300	ug/kg	RJD	9/25/96
Pentachlorophenol	EPA 8270	<3300	ug/kg	RJD	9/25/96
n-Nitrosodimethylamine	EPA 8270	<660	ug/kg	RJD	9/25/96
bis(2-Chloroethyl)Ether	EPA 8270	<660	ug/kg	RJD	9/25/96
1,3-Dichlorobenzene	EPA 8270	<660	ug/kg	RJD	9/25/96
1,4-Dichlorobenzene	EPA 8270	<660	ug/kg	RJD	9/25/96

GZA GeoEnvironmental, Inc.

ANALYTICAL REPORT

Project Name: Rutland Plaza
Project No.: 21098.50

Work Order No.: 9609-00102

Sample ID: SP-8
Sample Date: 9/20/96

Sample No.: 8

Test Performed	Method	Results	Units	Tech	Analysis Date
Benzyl Alchohol	EPA 8270	<1300	ug/kg	RJD	9/25/96
1,2-Dichlorobenzene	EPA 8270	<660	ug/kg	RJD	9/25/96
bis(2-Chloroisopropyl)Ether	EPA 8270	<660	ug/kg	RJD	9/25/96
n-Nitrosodi-n-Propylamine	EPA 8270	<660	ug/kg	RJD	9/25/96
Hexachloroethane	EPA 8270	<660	ug/kg	RJD	9/25/96
Nitrobenzene	EPA 8270	<660	ug/kg	RJD	9/25/96
Isophorone	EPA 8270	<660	ug/kg	RJD	9/25/96
bis(2-Chloroethoxy)Methane	EPA 8270	<660	ug/kg	RJD	9/25/96
1,2,4-Trichlorobenzene	EPA 8270	<660	ug/kg	RJD	9/25/96
Naphthalene	EPA 8270	<660	ug/kg	RJD	9/25/96
4-Chloroaniline	EPA 8270	<1300	ug/kg	RJD	9/25/96
Hexachlorobutadiene	EPA 8270	<660	ug/kg	RJD	9/25/96
2-Methylnaphthalene	EPA 8270	<660	ug/kg	RJD	9/25/96
1-Methylnaphthalene	EPA 8270	<660	ug/kg	RJD	9/25/96
Hexachlorocyclopentadiene	EPA 8270	<3300	ug/kg	RJD	9/25/96
2-Chloronapthalene	EPA 8270	<660	ug/kg	RJD	9/25/96
2-Nitroaniline	EPA 8270	<1300	ug/kg	RJD	9/25/96
Dimethylphthalate	EPA 8270	<660	ug/kg	RJD	9/25/96
Acenaphthylene	EPA 8270	700	ug/kg	RJD	9/25/96
2,6-Dinitrotoluene	EPA 8270	<660	ug/kg	RJD	9/25/96
3-Nitroaniline	EPA 8270	<1300	ug/kg	RJD	9/25/96
Acenaphthene	EPA 8270	<660	ug/kg	RJD	9/25/96
Dibenzofuran	EPA 8270	<660	ug/kg	RJD	9/25/96
2,4-Dinitrotoluene	EPA 8270	<660	ug/kg	RJD	9/25/96
Diethylphthalate	EPA 8270	<660	ug/kg	RJD	9/25/96
Fluorene	EPA 8270	<660	ug/kg	RJD	9/25/96
4-Chlorophenyl Phenyl Ether	EPA 8270	<660	ug/kg	RJD	9/25/96
4-Nitroaniline	EPA 8270	<1300	ug/kg	RJD	9/25/96
n-Nitrosodiphenylamine	EPA 8270	<660	ug/kg	RJD	9/25/96
4-Bromophenyl Phenyl Ether	EPA 8270	<660	ug/kg	RJD	9/25/96
Hexachlorobenzene	EPA 8270	<660	ug/kg	RJD	9/25/96
Phenanthrene	EPA 8270	3000	ug/kg	RJD	9/25/96
Anthracene	EPA 8270	840	ug/kg	RJD	9/25/96
Carbazole	EPA 8270	<660	ug/kg	RJD	9/25/96
di-n-Butylphthalate	EPA 8270	<1000	ug/kg	RJD	9/25/96
Fluoranthene	EPA 8270	4900	ug/kg	RJD	9/25/96
Pyrene	EPA 8270	4500	ug/kg	RJD	9/25/96
Butylbenzylphthalate	EPA 8270	<660	ug/kg	RJD	9/25/96
Benzo [a] Anthracene	EPA 8270	2500	ug/kg	RJD	9/25/96
3,3'-Dichlorobenzidine	EPA 8270	<1300	ug/kg	RJD	9/25/96
Chrysene	EPA 8270	2600	ug/kg	RJD	9/25/96

GZA GeoEnvironmental, Inc.

ANALYTICAL REPORT

Project Name: Rutland Plaza
Project No.: 21098.50

Work Order No.: 9609-00102

Sample ID: SP-8
Sample Date: 9/20/96

Sample No.: 8

Test Performed	Method	Results	Units	Tech	Analysis Date
bis(2-Ethylhexyl)Phthalate	EPA 8270	<660	ug/kg	RJD	9/25/96
di-n-Octylphthalate	EPA 8270	<660	ug/kg	RJD	9/25/96
Benzo [b] Fluoranthene	EPA 8270	2300	ug/kg	RJD	9/25/96
Benzo [k] Fluoranthene	EPA 8270	2200	ug/kg	RJD	9/25/96
Benzo [a] Pyrene	EPA 8270	3200	ug/kg	RJD	9/25/96
Indeno [1,2,3-cd] Pyrene	EPA 8270	1600	ug/kg	RJD	9/25/96
Dibenzo [a,h] Anthracene	EPA 8270	<660	ug/kg	RJD	9/25/96
Benzo [g,h,i] Perylene	EPA 8270	1700	ug/kg	RJD	9/25/96
Surrogates:	EPA 8270				
***2-Fluorophenol	EPA 8270	58.9	% R	RJD	9/25/96
***Phenol-D6	EPA 8270	61.9	% R	RJD	9/25/96
***Nitrobenzene-D5	EPA 8270	73.7	% R	RJD	9/25/96
***2-Fluorobiphenyl	EPA 8270	66.3	% R	RJD	9/25/96
***2,4,6-Tribromophenol	EPA 8270	66.8	% R	RJD	9/25/96
***P-Terphenyl-D14	EPA 8270	49.7	% R	RJD	9/25/96
Extraction		2.0	DF	RJD	9/24/96
TOTAL PETROLEUM HYDROCARBONS	D3328/EPA 8100				
Hydrocarbon Content	D3328/EPA 8100	40	ug/g	LDF	9/26/96
Quantitation Limit (total product)	D3328/EPA 8100	10	ug/g-lmt	LDF	9/26/96
Quantitation Limit (individual product)	D3328/EPA 8100	0.50	ug/g-lmt	LDF	9/26/96
Surrogate:	D3328/EPA 8100				
***p-Terphenyl	D3328/EPA 8100	153	% R	LDF	9/26/96
Extraction		1.0	DF	SLB	9/25/96
TCLP-RCRA METALS					
Silver	EPA 1311/6010	<0.0200	mg/L	AJY	9/26/96
Arsenic	EPA 1311/6010	<0.132	mg/L	AJY	9/26/96
Barium	EPA 1311/6010	0.395	mg/L	AJY	9/26/96
Cadmium	EPA 1311/6010	<0.00300	mg/L	AJY	9/26/96
Chromium	EPA 1311/6010	<0.00700	mg/L	AJY	9/26/96
Mercury	EPA 1311/7470A	<0.000200	mg/L	ESG	9/30/96
Lead	EPA 1311/6010	<0.0500	mg/L	AJY	9/26/96
Selenium	EPA 1311/6010	<0.100	mg/L	AJY	9/26/96

GZA GeoEnvironmental, Inc.

ANALYTICAL REPORT

Project Name: Rutland Plaza
Project No.: 21098.50

Work Order No.: 9609-00102

Sample ID: SP-9
Sample Date: 9/20/96

Sample No.: 9

Test Performed	Method	Results	Units	Tech	Analysis Date
VOLATILE ORGANIC COMPOUNDS	EPA 8240				
Dichlorodifluoromethane	EPA 8240	<5.0	ug/kg	NCC	9/24/96
Chloromethane	EPA 8240	<5.0	ug/kg	NCC	9/24/96
Vinyl Chloride	EPA 8240	<5.0	ug/kg	NCC	9/24/96
Bromomethane	EPA 8240	<5.0	ug/kg	NCC	9/24/96
Chloroethane	EPA 8240	<5.0	ug/kg	NCC	9/24/96
Trichlorofluoromethane	EPA 8240	<20	ug/kg	NCC	9/24/96
Acrolein	EPA 8240	<50	ug/kg	NCC	9/24/96
Acetone	EPA 8240	<50	ug/kg	NCC	9/24/96
1,1-Dichloroethene	EPA 8240	<5.0	ug/kg	NCC	9/24/96
Dichloromethane	EPA 8240	<5.0	ug/kg	NCC	9/24/96
Carbon Disulfide	EPA 8240	<10	ug/kg	NCC	9/24/96
Acrylonitrile	EPA 8240	<50	ug/kg	NCC	9/24/96
Methyl-Tert-Butyl-Ether	EPA 8240	<10	ug/kg	NCC	9/24/96
trans-1,2-Dichloroethene	EPA 8240	<5.0	ug/kg	NCC	9/24/96
Vinyl Acetate	EPA 8240	<5.0	ug/kg	NCC	9/24/96
1,1-Dichloroethane	EPA 8240	<5.0	ug/kg	NCC	9/24/96
2-Butanone	EPA 8240	<50	ug/kg	NCC	9/24/96
cis-1,2-Dichloroethene	EPA 8240	<5.0	ug/kg	NCC	9/24/96
Chloroform	EPA 8240	<5.0	ug/kg	NCC	9/24/96
1,1,1-Trichloroethane	EPA 8240	<5.0	ug/kg	NCC	9/24/96
Carbon Tetrachloride	EPA 8240	<5.0	ug/kg	NCC	9/24/96
1,2-Dichloroethane	EPA 8240	<5.0	ug/kg	NCC	9/24/96
Benzene	EPA 8240	<5.0	ug/kg	NCC	9/24/96
Trichloroethene	EPA 8240	<5.0	ug/kg	NCC	9/24/96
1,2-Dichloropropane	EPA 8240	<5.0	ug/kg	NCC	9/24/96
Bromodichloromethane	EPA 8240	<5.0	ug/kg	NCC	9/24/96
2-Chloroethylvinylether	EPA 8240	<5.0	ug/kg	NCC	9/24/96
4-Methyl-2-Pentanone	EPA 8240	<10	ug/kg	NCC	9/24/96
cis-1,3-Dichloropropene	EPA 8240	<5.0	ug/kg	NCC	9/24/96
Toluene	EPA 8240	<5.0	ug/kg	NCC	9/24/96
trans-1,3-Dichloropropene	EPA 8240	<5.0	ug/kg	NCC	9/24/96
1,1,2-Trichloroethane	EPA 8240	<5.0	ug/kg	NCC	9/24/96
2-Hexanone	EPA 8240	<10	ug/kg	NCC	9/24/96
Tetrachloroethene	EPA 8240	5.0	ug/kg	NCC	9/24/96
Dibromochloromethane	EPA 8240	<5.0	ug/kg	NCC	9/24/96
Chlorobenzene	EPA 8240	<5.0	ug/kg	NCC	9/24/96
Ethylbenzene	EPA 8240	<5.0	ug/kg	NCC	9/24/96
m&p-Xylene	EPA 8240	<5.0	ug/kg	NCC	9/24/96
o-Xylene	EPA 8240	<5.0	ug/kg	NCC	9/24/96
Styrene	EPA 8240	<5.0	ug/kg	NCC	9/24/96

GZA GeoEnvironmental, Inc.

ANALYTICAL REPORT

Project Name: Rutland Plaza
Project No.: 21098.50

Work Order No.: 9609-00102

Sample ID: SP-9
Sample Date: 9/20/96

Sample No.: 9

Test Performed	Method	Results	Units	Tech	Analysis Date
Bromoform	EPA 8240	<5.0	ug/kg	NCC	9/24/96
1,1,2,2-Tetrachloroethane	EPA 8240	<5.0	ug/kg	NCC	9/24/96
1,3-Dichlorobenzene	EPA 8240	<5.0	ug/kg	NCC	9/24/96
1,4-Dichlorobenzene	EPA 8240	<5.0	ug/kg	NCC	9/24/96
1,2-Dichlorobenzene	EPA 8240	<5.0	ug/kg	NCC	9/24/96
Surrogates:	EPA 8240				
***1,2-Dichloroethane-D4	EPA 8240	115	% R	NCC	9/24/96
***Toluene-D8	EPA 8240	99.7	% R	NCC	9/24/96
***4-Bromofluorobenzene	EPA 8240	98.4	% R	NCC	9/24/96
POLYCHLORINATED BIPHENYLS	EPA 8080				
Aroclor 1262	EPA 8080	<25	ug/kg	RJD	9/25/96
Aroclor 1260	EPA 8080	26	ug/kg	RJD	9/25/96
Aroclor 1254	EPA 8080	<25	ug/kg	RJD	9/25/96
Aroclor 1248	EPA 8080	<25	ug/kg	RJD	9/25/96
Aroclor 1242/1016	EPA 8080	<25	ug/kg	RJD	9/25/96
Aroclor 1232	EPA 8080	<25	ug/kg	RJD	9/25/96
Aroclor 1221	EPA 8080	<25	ug/kg	RJD	9/25/96
Surrogates:	EPA 8080				
***Tetrachloro-m-xylene	EPA 8080	74.7	% R	RJD	9/25/96
***Decachlorobiphenyl	EPA 8080	60.2	% R	RJD	9/25/96
Extraction		1.0	DF	SLB	9/24/96
SEMI-VOLATILE ORGANIC COMPOUNDS	EPA 8270				
Phenol	EPA 8270	<330	ug/kg	RJD	9/26/96
2-Chlorophenol	EPA 8270	<330	ug/kg	RJD	9/26/96
2-Methylphenol	EPA 8270	<330	ug/kg	RJD	9/26/96
3&4-Methylphenol	EPA 8270	<330	ug/kg	RJD	9/26/96
2-Nitrophenol	EPA 8270	<330	ug/kg	RJD	9/26/96
2,4-Dimethylphenol	EPA 8270	<330	ug/kg	RJD	9/26/96
Benzoic Acid	EPA 8270	<3300	ug/kg	RJD	9/26/96
2,4-Dichlorophenol	EPA 8270	<330	ug/kg	RJD	9/26/96
4-Chloro-3-Methylphenol	EPA 8270	<660	ug/kg	RJD	9/26/96
2,4,6-Trichlorophenol	EPA 8270	<330	ug/kg	RJD	9/26/96
2,4,5-Trichlorophenol	EPA 8270	<330	ug/kg	RJD	9/26/96
2,4-Dinitrophenol	EPA 8270	<3300	ug/kg	RJD	9/26/96
4-Nitrophenol	EPA 8270	<1650	ug/kg	RJD	9/26/96
4,6-Dinitro-2-Methylphenol	EPA 8270	<1650	ug/kg	RJD	9/26/96
Pentachlorophenol	EPA 8270	<1650	ug/kg	RJD	9/26/96
n-Nitrosodimethylamine	EPA 8270	<330	ug/kg	RJD	9/26/96
bis(2-Chloroethyl)Ether	EPA 8270	<330	ug/kg	RJD	9/26/96
1,3-Dichlorobenzene	EPA 8270	<330	ug/kg	RJD	9/26/96
1,4-Dichlorobenzene	EPA 8270	<330	ug/kg	RJD	9/26/96

GZA GeoEnvironmental, Inc.

ANALYTICAL REPORT

Project Name: Rutland Plaza
Project No.: 21098.50

Work Order No.: 9609-00102

Sample ID: SP-9
Sample Date: 9/20/96

Sample No.: 9

Test Performed	Method	Results	Units	Tech	Analysis Date
Benzyl Alchohol	EPA 8270	<660	ug/kg	RJD	9/26/96
1,2-Dichlorobenzene	EPA 8270	<330	ug/kg	RJD	9/26/96
bis(2-Chloroisopropyl)Ether	EPA 8270	<330	ug/kg	RJD	9/26/96
n-Nitrosodi-n-Propylamine	EPA 8270	<330	ug/kg	RJD	9/26/96
Hexachloroethane	EPA 8270	<330	ug/kg	RJD	9/26/96
Nitrobenzene	EPA 8270	<330	ug/kg	RJD	9/26/96
Isophorone	EPA 8270	<330	ug/kg	RJD	9/26/96
bis(2-Chloroethoxy)Methane	EPA 8270	<330	ug/kg	RJD	9/26/96
1,2,4-Trichlorobenzene	EPA 8270	<330	ug/kg	RJD	9/26/96
Naphthalene	EPA 8270	<330	ug/kg	RJD	9/26/96
4-Chloroaniline	EPA 8270	<660	ug/kg	RJD	9/26/96
Hexachlorobutadiene	EPA 8270	<330	ug/kg	RJD	9/26/96
2-Methylnaphthalene	EPA 8270	<330	ug/kg	RJD	9/26/96
1-Methylnaphthalene	EPA 8270	<330	ug/kg	RJD	9/26/96
Hexachlorocyclopentadiene	EPA 8270	<1700	ug/kg	RJD	9/26/96
2-Chloronapthalene	EPA 8270	<330	ug/kg	RJD	9/26/96
2-Nitroaniline	EPA 8270	<660	ug/kg	RJD	9/26/96
Dimethylphthalate	EPA 8270	<330	ug/kg	RJD	9/26/96
Acenaphthylene	EPA 8270	<330	ug/kg	RJD	9/26/96
2,6-Dinitrotoluene	EPA 8270	<330	ug/kg	RJD	9/26/96
3-Nitroaniline	EPA 8270	<660	ug/kg	RJD	9/26/96
Acenaphthene	EPA 8270	<330	ug/kg	RJD	9/26/96
Dibenzofuran	EPA 8270	<330	ug/kg	RJD	9/26/96
2,4-Dinitrotoluene	EPA 8270	<330	ug/kg	RJD	9/26/96
Diethylphthalate	EPA 8270	<330	ug/kg	RJD	9/26/96
Fluorene	EPA 8270	<330	ug/kg	RJD	9/26/96
4-Chlorophenyl Phenyl Ether	EPA 8270	<330	ug/kg	RJD	9/26/96
4-Nitroaniline	EPA 8270	<660	ug/kg	RJD	9/26/96
n-Nitrosodiphenylamine	EPA 8270	<330	ug/kg	RJD	9/26/96
4-Bromophenyl Phenyl Ether	EPA 8270	<330	ug/kg	RJD	9/26/96
Hexachlorobenzene	EPA 8270	<330	ug/kg	RJD	9/26/96
Phenanthrene	EPA 8270	790	ug/kg	RJD	9/26/96
Anthracene	EPA 8270	<330	ug/kg	RJD	9/26/96
Carbazole	EPA 8270	<330	ug/kg	RJD	9/26/96
di-n-Butylphthalate	EPA 8270	<500	ug/kg	RJD	9/26/96
Fluoranthene	EPA 8270	1200	ug/kg	RJD	9/26/96
Pyrene	EPA 8270	1100	ug/kg	RJD	9/26/96
Butylbenzylphthalate	EPA 8270	<330	ug/kg	RJD	9/26/96
Benzo [a] Anthracene	EPA 8270	580	ug/kg	RJD	9/26/96
3,3'-Dichlorobenzidine	EPA 8270	<660	ug/kg	RJD	9/26/96
Chrysene	EPA 8270	650	ug/kg	RJD	9/26/96

GZA GeoEnvironmental, Inc.

ANALYTICAL REPORT

Project Name: Rutland Plaza
Project No.: 21098.50

Work Order No.: 9609-00102

Sample ID: SP-9
Sample Date: 9/20/96

Sample No.: 9

Test Performed	Method	Results	Units	Tech	Analysis Date
bis(2-Ethylhexyl)Phthalate	EPA 8270	<330	ug/kg	RJD	9/26/96
di-n-Octylphthalate	EPA 8270	<330	ug/kg	RJD	9/26/96
Benzo [b] Fluoranthene	EPA 8270	590	ug/kg	RJD	9/26/96
Benzo [k] Fluoranthene	EPA 8270	530	ug/kg	RJD	9/26/96
Benzo [a] Pyrene	EPA 8270	600	ug/kg	RJD	9/26/96
Indeno [1,2,3-cd] Pyrene	EPA 8270	<330	ug/kg	RJD	9/26/96
Dibenzo [a,h] Anthracene	EPA 8270	<330	ug/kg	RJD	9/26/96
Benzo [g,h,i] Perylene	EPA 8270	<330	ug/kg	RJD	9/26/96
Surrogates:	EPA 8270				
***2-Fluorophenol	EPA 8270	47.9	% R	RJD	9/26/96
***Phenol-D6	EPA 8270	52.2	% R	RJD	9/26/96
***Nitrobenzene-D5	EPA 8270	69.4	% R	RJD	9/26/96
***2-Fluorobiphenyl	EPA 8270	68.5	% R	RJD	9/26/96
***2,4,6-Tribromophenol	EPA 8270	60.6	% R	RJD	9/26/96
***P-Terphenyl-D14	EPA 8270	46.6	% R	RJD	9/26/96
Extraction		1.0	DF	RJD	9/25/96
TOTAL PETROLEUM HYDROCARBONS	D3328/EPA 8100				
Hydrocarbon Content	D3328/EPA 8100	32	ug/g	LDF	9/26/96
Quantitation Limit (total product)	D3328/EPA 8100	10	ug/g-lmt	LDF	9/26/96
Quantitation Limit (individual product)	D3328/EPA 8100	0.50	ug/g-lmt	LDF	9/26/96
Surrogate:	D3328/EPA 8100				
***p-Terphenyl	D3328/EPA 8100	156	% R	LDF	9/26/96
Extraction		1.0	DF	SLB	9/25/96
TCLP-RCRA METALS					
Silver	EPA 1311/6010	<0.0200	mg/L	AJY	9/26/96
Arsenic	EPA 1311/6010	<0.132	mg/L	AJY	9/26/96
Barium	EPA 1311/6010	0.438	mg/L	AJY	9/26/96
Cadmium	EPA 1311/6010	<0.00300	mg/L	AJY	9/26/96
Chromium	EPA 1311/6010	<0.00700	mg/L	AJY	9/26/96
Mercury	EPA 1311/7470A	<0.000200	mg/L	ESG	9/30/96
Lead	EPA 1311/6010	<0.0500	mg/L	AJY	9/26/96
Selenium	EPA 1311/6010	<0.100	mg/L	AJY	9/26/96

PROJECT NARRATIVE:

1. EPA Method 8240

Attach QC 8240 9/23/96 - G
Attach QC 8240 9/24/96 - G

2. EPA Method 8270

GZA GeoEnvironmental, Inc.

ANALYTICAL REPORT

Project Name: Rutland Plaza
Project No.: 21098.50

Work Order No.: 9609-00102

Samples SP-2, SP-3, SP-4, SP-6, and SP-8 were diluted due to the presence of extract precipitates.

Attach QC 8270 U2544
Attach QC 8270 U2569

3. EPA Method 8080

Attach QC 8080 9/23/96

Organic Data Authorized By:_____

Inorganic Data Authorized By:_____

% R = % Recovery
NA = Not Applicable
DF = Dilution Factor
DO = Diluted Out

MATRIX

ANALYTICAL DATA SUMMARY

Report Date: 10/01/96

Account: GZA GeoEnvironmental, Inc.
Address: 320 Needham Street
Newton Upper Falls, MA 02164
617-969-0050

Project Manager: S.Lamb
Project Name: Rutland Plaza (9-24-96)
Project No.: 9609-00102

Sample Information:

Laboratory ID	Client/Field ID
62685309-001	SP-1
62685309-002	SP-2
62685309-003	SP-3
62685309-004	SP-4
62685309-005	SP-5
62685309-006	SP-6
62685309-007	SP-7
62685309-008	SP-8
62685309-009	SP-9
62685309-010	QC Report-Soil

Reviewed by

Christine A. Larkin
Laboratory Manager

Lab Certifications
EPA ID: No. MA059
Massachusetts: No. M-MA059
Maine: Reciprocity
Rhode Island: No. 87
South Carolina: No. 88011

Florida(DEP): QA Plan No. 900437G
Florida(HRS): No. E87290
Connecticut: No. PH0515
New York: ELAP No. 11116
New Hampshire: No. 2041

Matrix Analytical, Inc.
106 South Street
Hopkinton, MA 01748-2295
1 (800) 362-8749

FINAL REPORT

Client Information

Account: GZA GeoEnvironmental, Inc.
Address: 320 Needham Street
Newton Upper Falls, MA 02164

Project Name: Rutland Plaza (9-24-96)
Project Number: 9609-00102
Project Manager: S.Lamb
Sampler Name: D.Sackett

Sample Information

Lab ID: 62685309-001
Client ID: SP-1
Matrix: Soil

Date Sampled: 09/20/96 11:00
Date Received: 09/24/96 : 0
Date Reported: 10/01/96

Analytical Parameter	Result	Unit	Detection Limit	Method No.	Analyst	Date Analyzed
MISCELLANEOUS TESTING						
Flash Point	> 165	Deg (F)		1010	rw	10/01/96
Percent Moisture	14.6	Percent			dr	09/25/96

Matrix Analytical, Inc.
106 South Street
Hopkinton, MA 01748-2295
1 (800) 362-8749

FINAL REPORT

Client Information

Account: GZA GeoEnvironmental, Inc.
Address: 320 Needham Street
Newton Upper Falls, MA 02164

Project Name: Rutland Plaza (9-24-96)
Project Number: 9609-00102
Project Manager: S.Lamb
Sampler Name: D.Sackett

Sample Information

Lab ID: 62685309-002
Client ID: SP-2
Matrix: Soil

Date Sampled: 09/20/96 11:20
Date Received: 09/24/96 : 0
Date Reported: 10/01/96

Analytical Parameter	Result	Unit	Detection Limit	Method No.	Analyst	Date Analyzed
MISCELLANEOUS TESTING						
Flash Point	> 165	Deg (F)		1010	rw	10/01/96
Percent Moisture	8.5	Percent			dr	09/25/96

Matrix Analytical, Inc.
106 South Street
Hopkinton, MA 01748-2295
1 (800) 362-8749

FINAL REPORT

Client Information

Account: GZA GeoEnvironmental, Inc.
Address: 320 Needham Street
Newton Upper Falls, MA 02164

Project Name: Rutland Plaza (9-24-96)
Project Number: 9609-00102
Project Manager: S.Lamb
Sampler Name: D.Sackett

Sample Information

Lab ID: 62685309-003
Client ID: SP-3
Matrix: Soil

Date Sampled: 09/20/96 11:40
Date Received: 09/24/96 : 0
Date Reported: 10/01/96

Analytical Parameter	Result	Unit	Detection Limit	Method No.	Analyst	Date Analyzed
MISCELLANEOUS TESTING						
Flash Point	> 165	Deg (F)		1010	rw	10/01/96
Percent Moisture	13.4	Percent			dr	09/25/96

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FINAL REPORT

Client Information

Account: GZA GeoEnvironmental, Inc.
Address: 320 Needham Street
Newton Upper Falls, MA 02164

Project Name: Rutland Plaza (9-24-96)
Project Number: 9609-00102
Project Manager: S.Lamb
Sampler Name: D.Sackett

Sample Information

Lab ID: 62685309-004
Client ID: SP-4
Matrix: Soil

Date Sampled: 09/20/96 11:50
Date Received: 09/24/96 : 0
Date Reported: 10/01/96

Analytical Parameter	Result	Unit	Detection Limit	Method No.	Analyst	Date Analyzed
MISCELLANEOUS TESTING						
Flash Point	> 165	Deg (F)		1010	rw	10/01/96
Percent Moisture	8.3	Percent			dr	09/25/96

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106 South Street
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FINAL REPORT

Client Information

Account: GZA GeoEnvironmental, Inc.
Address: 320 Needham Street
Newton Upper Falls, MA 02164

Project Name: Rutland Plaza (9-24-96)
Project Number: 9609-00102
Project Manager: S.Lamb
Sampler Name: D.Sackett

Sample Information

Lab ID: 62685309-005
Client ID: SP-5
Matrix: Soil

Date Sampled: 09/20/96 12:05
Date Received: 09/24/96 : 0
Date Reported: 10/01/96

Analytical Parameter	Result	Unit	Detection Limit	Method No.	Analyst	Date Analyzed
MISCELLANEOUS TESTING						
Flash Point	> 165	Deg (F)		1010	rw	10/01/96
Percent Moisture	8.9	Percent			dr	09/25/96

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FINAL REPORT

Client Information

Account: GZA GeoEnvironmental, Inc.
Address: 320 Needham Street
Newton Upper Falls, MA 02164

Project Name: Rutland Plaza (9-24-96)
Project Number: 9609-00102
Project Manager: S.Lamb
Sampler Name: D.Sackett

Sample Information

Lab ID: 62685309-006
Client ID: SP-6
Matrix: Soil

Date Sampled: 09/20/96 12:25
Date Received: 09/24/96 : 0
Date Reported: 10/01/96

Analytical Parameter	Result	Unit	Detection Limit	Method No.	Analyst	Date Analyzed
MISCELLANEOUS TESTING						
Flash Point	> 165	Deg (F)		1010	rw	10/01/96
Percent Moisture	9.9	Percent			dr	09/25/96

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FINAL REPORT

Client Information

Account: GZA GeoEnvironmental, Inc.
Address: 320 Needham Street
Newton Upper Falls, MA 02164

Project Name: Rudand Plaza (9-24-96)
Project Number: 9609-00102
Project Manager: S.Lamb
Sampler Name: D.Sackett

Sample Information

Lab ID: 62685309-007
Client ID: SP-7
Matrix: Soil

Date Sampled: 09/20/96 12:45
Date Received: 09/24/96 : 0
Date Reported: 10/01/96

Analytical Parameter	Result	Unit	Detection Limit	Method No.	Analyst	Date Analyzed
MISCELLANEOUS TESTING						
Flash Point	> 165	Deg (F)		1010	rw	10/01/96
Percent Moisture	14.0	Percent			dr	09/25/96

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FINAL REPORT

Client Information

Account: GZA GeoEnvironmental, Inc.
Address: 320 Needham Street
Newton Upper Falls, MA 02164

Project Name: Rutland Plaza (9-24-96)
Project Number: 9609-00102
Project Manager: S.Lamb
Sampler Name: D.Sackett

Sample Information

Lab ID: 62685309-008
Client ID: SP-8
Matrix: Soil

Date Sampled: 09/20/96 13:00
Date Received: 09/24/96 : 0
Date Reported: 10/01/96

Analytical Parameter	Result	Unit	Detection Limit	Method No.	Analyst	Date Analyzed
MISCELLANEOUS TESTING						
Flash Point	> 165	Deg (F)		1010	rw	10/01/96
Percent Moisture	8.0	Percent			dr	09/25/96

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FINAL REPORT

Client Information

Account: GZA GeoEnvironmental, Inc.
Address: 320 Needham Street
Newton Upper Falls, MA 02164

Project Name: Rutland Plaza (9-24-96)
Project Number: 9609-00102
Project Manager: S.Lamb
Sampler Name: D.Sackett

Sample Information

Lab ID: 62685309-009
Client ID: SP-9
Matrix: Soil

Date Sampled: 09/20/96 13:20
Date Received: 09/24/96 : 0
Date Reported: 10/01/96

Analytical Parameter	Result	Unit	Detection Limit	Method No.	Analyst	Date Analyzed
MISCELLANEOUS TESTING						
Flash Point	> 165	Deg (F)		1010	rw	10/01/96
Percent Moisture	9.7	Percent			dr	09/25/96

Matrix Analytical, Inc.
106 South Street
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FINAL REPORT

Client Information

Account: GZA GeoEnvironmental, Inc.
Address: 320 Needham Street
Newton Upper Falls, MA 02164

Project Name: Rutland Plaza (9-24-96)
Project Number: 9609-00102
Project Manager: S.Lamb
Sampler Name:

Sample Information

Lab ID: 62685309-010
Client ID: QC Report-Soil
Matrix: Soil

Date Sampled: / / :
Date Received: 09/24/96 : 0
Date Reported: 10/01/96

Analytical Parameter	Result	Unit	Detection Limit	Method No.	Analyst	Date Analyzed

METHOD SUMMARIES

NOTE: Analytical results have been corrected and are reported on a dry weight basis. If required, detection limits can also be corrected to dry weight using the percent moisture data included in this report.

METHOD REFERENCES

1. Test Methods For Evaluating Solid Waste: Physical Chemical Methods. EPA SW 846. November 1986.
2. Methods For Chemical Analysis of Water and Wastes. EPA 600/4-79-200. Revised March 1983.
3. Standard Methods For Examination of Water and Wastewater. APHA-AWWA-WACF., 18th Edition. 1992.
4. EPA Methods For The Determination of Organic Compounds in Drinking Water.

WHITE COPY - Original YELLOW COPY - Lab Files PINK COPY - Project Manager

W.O. # 9609-00102 (for lab use only)

CHAIN-OF-CUSTODY RECORD

ANALYSES REQUIRED

Sample I.D.	Date/Time (Very Important)	Matrix	Flashpoint	Total # of Cont.	Note #
SP-1	9/20/96 1100	S	X	1	
SP-2	1120		X	1	
SP-3	1140		X	1	
SP-4	1150		X	1	
SP-5	1205		X	1	
SP-6	1225		X	1	
SP-7	1255		X	1	
SP-8	1300		X	1	
SP-9	1320		X	1	

PRESERVATIVE (C - HCl, N - HNO, S - H,SO, Na - NaOH, O - Other)*

CONTAINER TYPE (P-Plastic G-Glass, V-Vial, T-Teflon, O-Other)*

RELINQUISHED BY: (Affiliation)	DATE/TIME	RECEIVED BY: (Affiliation)
Brian E. Poole (GZA)	9/24/96 1:01	
RELINQUISHED BY (Affiliation)	DATE/TIME	RECEIVED BY: (Affiliation)
RELINQUISHED BY: (Affiliation)	DATE/TIME	RECEIVED BY: (Affiliation)

NOTES: Preservatives, special reporting limits, known contamination, etc.: (Unless otherwise noted, all VOA vials have been preserved w/ 1:1 HCL.)

PROJECT MANAGER: S. Lamb EXT:

TURNAROUND TIME: ☐ Standard ☐ Rush ___ Days, Approved by: ___

GZA FILE NO. 9609-00102 P.O. NO. L-00292

PROJECT Rutland Plaza

LOCATION Rutland, VT

COLLECTOR(S) D. Sackett SHEET 62685309-001

GZA GEOENVIRONMENTAL, INC.
ENGINEERS AND SCIENTISTS
320 Needham Street
NEWTON UPPER FALLS, MA 02161
(617) 969-0050
FAX (617) 965-7769