932036

Duke Engineering & Services SM
A Duke Energy Company

EXECUTION OF THE INTERIM REMEDIAL MEASURE FOR THE FORMER CARBORUNDUM COMPANY – ELECTRIC PRODUCTS DIVISION, HYDE PARK FACILITY TOWN OF NIAGARA, NIAGARA COUNTY, NEW YORK SITE NO. 932036

FINAL DOCUMENT

VOLUME 2 of 2

Appendices E – P

Prepared for: BP America
200 Public Square, 7-1
Cleveland, Ohio
44114-2375

Prepared by: Duke Engineering & Services, Inc.

Project No. TM8097

December, 1999

CONTENTS

Appendix E

PID Headspace Gas Screening Results

Table A. Sample Headspace Gas Readings

Sample ID	MultiRAE (ppm)
PCTP-S001	0
PCTP-S004	0.8
PCTP-S005	2
PCTP-S008	0
PCTP-S009	5.4
PCTP-S010	512
PCTP-S011	28.4
PCTP-S012	32.1
PCTP-S013	20.6
PCTP-S014	12
PCTP-S015	21.8
PCTP-S016	0.6
PCTP-S017	9.9
PCTP-S018	17.5
PCTP-S019	30
PCTP-S020	39.9
PCTP-S021	44.3
PCTP-S022	18.5
PCTP-S023	49.5
PCTP-S024	77
PCTP-S025	4.7
PCTP-S026	114
PCTP-S027	93.9
PCTP-S028	161
PCTP-S029	116
PCTP-S030	0
PCTP-S031	5.5
PCTP-S032	6.2
PCTP-S033	0.8
PCTP-S036	769
PCTP-S037	0
PCTP-S038	0
PCTP-S041	25.8
PCTP-S043	0
PCTP-S044	0.2
PCTP-S047	399
PCTP-S048	0
PCTP-S049	3.1
PCTP-S050	12.2
PCTP-S051	408
PCTP-S052	2999
PCTP-S053	270
PCTP-S054	158
S1TP1	2.9
S1TP2	23.1
S1TP3	31.4
S1TP4	2.6

Figure A. TCE vs. Headspace Gas PID Readings

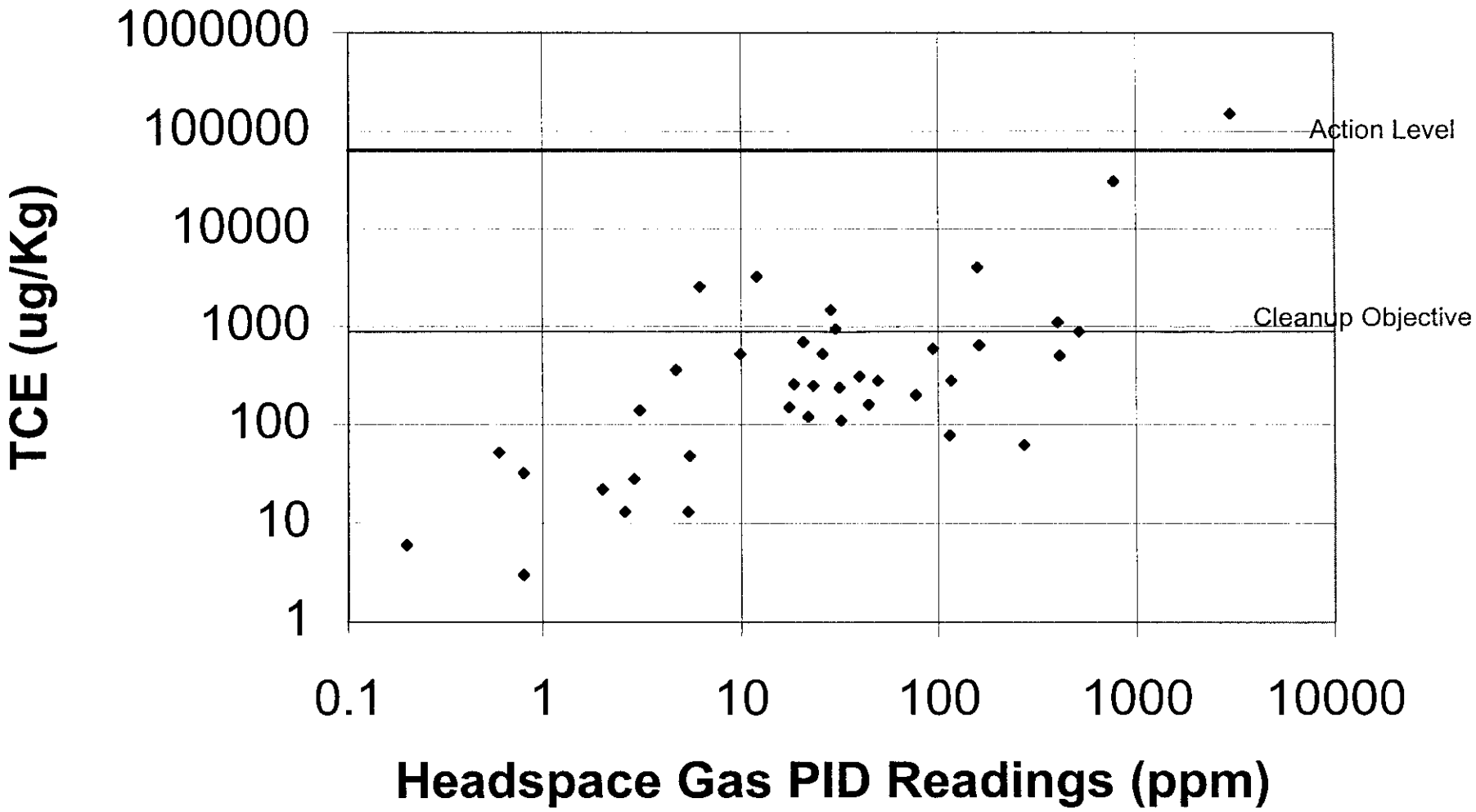
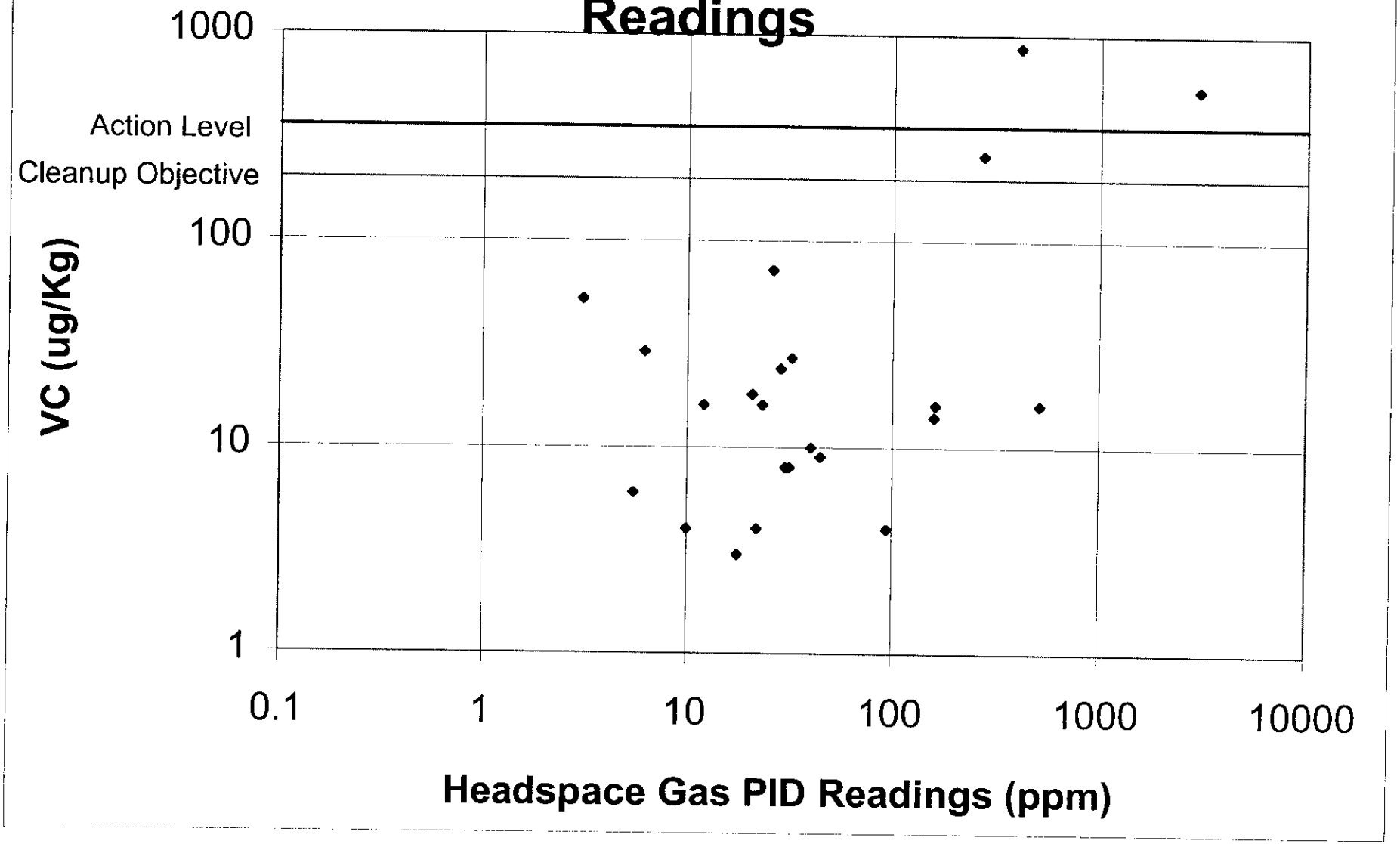


Figure B. VC vs. Headspace Gas PID Readings



Appendix F

Truck Rinsate Sample Analytical Results

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RINSATE-1

Lab Name:Severn Trent Laboratories Contract:TM8097

Lab Code:10142 Case No.:##### SAS No.:##### SDG No.:DE397

Matrix: (soil/water) WATER Lab Sample ID:204397-03

Sample wt/vol: 5.00 (g/ml) ML Lab File ID: X3008

Level: (low/med) LOW Date Received: 6/24/99

% Moisture: not dec. Date Analyzed: 6/24/99

GC Column:DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume:0 (uL) Soil Aliquot Volume:0 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	10.	U
74-83-9	Bromomethane	10.	U
75-01-4	Vinyl Chloride	10.	U
75-00-3	Chloroethane	10.	U
75-09-2	Methylene Chloride	10.	U
67-64-1	Acetone	40.	B
75-15-0	Carbon Disulfide	10.	U
75-35-4	1,1-Dichloroethene	10.	U
75-34-3	1,1-Dichloroethane	10.	U
108-05-4	Vinyl Acetate	10.	U
156-60-5	1,2-Dichloroethene total	20.	
67-66-3	Chloroform	10.	U
107-06-2	1,2-Dichloroethane	10.	U
78-93-3	2-Butanone	2.	J
71-55-6	1,1,1-Trichloroethane	10.	U
56-23-5	Carbon Tetrachloride	10.	U
75-27-4	Bromodichloromethane	10.	U
78-87-5	1,2-Dichloropropane	10.	U
10061-01-5	cis-1,3-Dichloropropene	10.	U
79-01-6	Trichloroethene	5.	J
124-48-1	Dibromochloromethane	10.	U
110-75-8	2-Chloroethylvinylether	10.	U
79-00-5	1,1,2-Trichloroethane	10.	U
71-43-2	Benzene	10.	U
10061-02-6	trans-1,3-Dichloropropene	10.	U
75-25-2	Bromoform	10.	U
108-10-1	4-Methyl-2-Pentanone	10.	U
591-78-6	2-Hexanone	10.	U
127-18-4	Tetrachloroethene	10.	U
79-34-5	1,1,2,2-Tetrachloroethane	10.	U
108-88-3	Toluene	19.	
108-90-7	Chlorobenzene	10.	U
100-41-4	Ethylbenzene	14.	
100-42-5	Styrene	10.	U
1330-20-7	total-Xylene	140.	
541-73-1	1,3-Dichlorobenzene	10.	U
106-46-7	1,4-Dichlorobenzene	10.	U

315 Fullerton Avenue
Newburgh, NY 12550

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RINSATE

Lab Name:Severn Trent Laboratories Contract:TM8097

Lab Code:10142 Case No.:##### SAS No.:##### SDG No.:DE397

Matrix: (soil/water) WATER Lab Sample ID:204397-03

Sample wt/vol: 5.00 (g/ml) ML Lab File ID: X3008

Level: (low/med) LOW Date Received: 6/24/99

% Moisture: not dec. Date Analyzed: 6/24/99

GC Column:DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume:0 (uL) Soil Aliquot Volume:0 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
95-50-1	1,2-Dichlorobenzene	10.	U

315 Fullerton Avenue
Newburgh, NY 12550
Tel: (914) 562-0890
Fax: (914) 562-0841

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

RINSATE-2

Lab Name:Severn Trent Laboratories Contract:TM8097

Lab Code:10142 Case No.:##### SAS No.:##### SDG No.:DE397

Matrix: (soil/water) WATER Lab Sample ID:204397-03

Sample wt/vol: 5.00 (g/ml) ML Lab File ID: X3008

Level: (low/med) LOW Date Received: 6/24/99

% Moisture: not dec. Date Analyzed: 6/24/99

GC Column:DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume:0 (uL) Soil Aliquot Volume:0 (uL)

Number TICs Found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		Unknown	10.48	660.	J
2.		C7H1402 isomer	24.41	21.	J
3.		C7H1402 isomer	25.50	38.	J
4.					
5.					
6.					
7.					
8.					
9.					
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29.					
30.					

315 Fullerton Avenue
Newburgh, NY 12550

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RINSATE

Lab Name:SEVERN TRENT LABS Contract:TM8097

Lab Code:10142 Case No.:##### SAS No.:##### SDG No.:DE634

Matrix: (soil/water) WATER Lab Sample ID:204736-10

Sample wt/vol: 5.00 (g/ml) ML Lab File ID: W1294

Level: (low/med) LOW Date Received: 7/02/99

% Moisture: not dec. Date Analyzed: 7/04/99

GC Column:DB-624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume:0 (uL) Soil Aliquot Volume:0 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	10.	U
74-83-9	Bromomethane	10.	U
75-01-4	Vinyl Chloride	10.	U
75-00-3	Chloroethane	10.	U
75-09-2	Methylene Chloride	10.	U
67-64-1	Acetone	10.	B
75-15-0	Carbon Disulfide	10.	U
75-35-4	1,1-Dichloroethene	10.	U
75-34-3	1,1-Dichloroethane	10.	U
108-05-4	Vinyl Acetate	10.	U
156-60-5	1,2-Dichloroethene total	10.	U
67-66-3	Chloroform	10.	U
107-06-2	1,2-Dichloroethane	10.	U
78-93-3	2-Butanone	2.	JB
71-55-6	1,1,1-Trichloroethane	10.	U
56-23-5	Carbon Tetrachloride	10.	U
75-27-4	Bromodichloromethane	10.	U
78-87-5	1,2-Dichloropropane	10.	U
10061-01-5	cis-1,3-Dichloropropene	10.	U
79-01-6	Trichloroethene	10.	U
124-48-1	Dibromochloromethane	10.	U
110-75-8	2-Chloroethylvinylether	10.	U
79-00-5	1,1,2-Trichloroethane	10.	U
71-43-2	Benzene	10.	U
10061-02-6	trans-1,3-Dichloropropene	10.	U
75-25-2	Bromoform	10.	U
108-10-1	4-Methyl-2-Pentanone	10.	U
591-78-6	2-Hexanone	10.	U
127-18-4	Tetrachloroethene	10.	U
79-34-5	1,1,2,2-Tetrachloroethane	10.	U
108-88-3	Toluene	10.	U
108-90-7	Chlorobenzene	10.	U
100-41-4	Ethylbenzene	10.	U
100-42-5	Styrene	10.	U
1330-20-7	total-Xylene	10.	U
541-73-1	1,3-Dichlorobenzene	10.	U
106-46-7	1,4-Dichlorobenzene	10.	U

STL Committed to Your Success
315 Fullerton Avenue
Newburgh, NY 12550
Tel: (914) 562-0890
Fax: (914) 562-0841

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

RINSATE

Lab Name:SEVERN TRENT LABS Contract:TM8097

Lab Code:10142 Case No.:##### SAS No.:##### SDG No.:DE634

Matrix: (soil/water) WATER Lab Sample ID:204736-10

Sample wt/vol: 5.00 (g/ml) ML Lab File ID: W1294

Level: (low/med) LOW Date Received: 7/02/99

% Moisture: not dec. Date Analyzed: 7/04/99

GC Column:DB-624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume:0 (uL) Soil Aliquot Volume:0 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
95-50-1	1,2-Dichlorobenzene	10.	U

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315 Fullerton Avenue
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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

RINSATE

Lab Name: SEVERN TRENT LABS Contract: TM8097

Lab Code: 10142 Case No.: ##### SAS No.: ##### SDG No.: DE634

Matrix: (soil/water) WATER Lab Sample ID: 204736-10

Sample wt/vol: 5.00 (g/ml) ML Lab File ID: W1294

Level: (low/med) LOW Date Received: 7/02/99

% Moisture: not dec. Date Analyzed: 7/04/99

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: 0 (uL) Soil Aliquot Volume: 0 (uL)

Number TICs Found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	71-23-8	1-Propanol	11.40	15.	JN
2.					
3.					
4.					
5.					
6.					
7.					
8.					
9.					
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11.					
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27.					
28.					
29.					
30.					

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Newburgh, NY 12550
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Appendix G

Niagara Vest Inc. Letter of Permission for Use of Property

NIAGARA VEST INC.

☐ 3625 HIGHLAND AVENUE
NIAGARA FALLS, NEW YORK 14305
716-278-3096

☐ P.O. BOX 338
ROOSEVELT, NEW JERSEY 08555-0338
609-443-4545

March 25, 1999

Subject: Carborundum Globar Site
Remediation

Mr. Nathan Bigman
BP America
200 Public Square
Room 7-1
Cleveland, Ohio 44114

Attention: Judy Shultz

Dear Mr. Bigman:

This correspondence is to confirm that Niagara Vest will allow use of its roadways as per your proposal and assurances in your letter dated 3/10/99, copy attached. As discussed with Ms. Kristen Hanson, photos of the roadways/property intended to be utilized by your project will be taken at her next scheduled visit just prior to the commencement of work. The photos will be used as the standard for restoration of the roadways/property after the project is completed.

If you have any questions regarding this matter, do not hesitate to contact me at 716-278-3003.

Very truly yours,

Mike Balent

Michael A. Balent

MABalent
1mm

Attachment

CC: Ms. Kristin Hanson

Appendix H

Summary of Air Monitoring Data

Summary data from monitoring stations data loggers.

Date	Time Frame	Area	Station #	Maximum VOC concentration (ppm)	Minimum VOC concentration (ppm)	Average VOC concentration (ppm)	Rae file	Comments
17-May-99	10:26 to 12:04	1A	1	0	0	0	may17_99.xls	downwind
17-May-99	12:54 to 17:23	1A	1	0.2	0	0	may17_99.xls	downwind
17-May-99	10:26 to 12:00	1A	2	0.1	0	0	may17_99.xls	upwind
17-May-99	12:50 to 17:18	1A	2	2.2	0	1.2	may17_99.xls	upwind
17-May-99	10:16 to 11:59	1A	3	0	0	0	may17_99.xls	downwind
17-May-99	12:53 to 17:18	1A	3	0	0	0	may17_99.xls	downwind
18-May-99	07:40 to 07:54	1A	1	0	0	0	may18_99.xls	downwind
18-May-99	07:39 to 07:48	1A	3	0	0	0	may18_99.xls	downwind
18-May-99	07:48 to 08:38	1C	3	0	0	0	may18_99.xls	downwind
18-May-99	08:40 to 12:52	1D	3	0	0	0	may18_99.xls	downwind
18-May-99	07:55 to 08:46	1C	4	0.5	0	0.1	may18_99.xls	downwind
18-May-99	08:46 to 12:55	1D	4	0.5	0	0.1	may18_99.xls	downwind
18-May-99	07:38 to 07:54	1C	5	0.1	0	0	may18_99.xls	upwind
18-May-99	07:55 to 08:45	1C	5	0	0	0	may18_99.xls	upwind
18-May-99	08:47 to 12:51	1D	5	2.2	0	0.5	may18_99.xls	upwind
18-May-99	12:51 to 13:02	3	6	2.3	2.1	2.2	may18_99.xls	upwind
18-May-99	13:04 to 14:03	3	6	2.3	2.2	2.2	may18_99.xls	upwind
18-May-99	14:30 to 16:40	3	6	2.2	2.2	2.2	may18_99.xls	upwind
18-May-99	12:57 to 13:09	3	7	0	0	0	may18_99.xls	downwind
18-May-99	13:10 to 16:43	3	7	0.8	0	0	may18_99.xls	downwind
18-May-99	12:54 to 13:03	3	8	0	0	0	may18_99.xls	downwind
18-May-99	13:04 to 16:37	3	8	0	0	0	may18_99.xls	downwind
19-May-99	07:44 to16:58	2A	9	0.3	0.1	0.1	may19_99.xls	downwind,Only 2 VOC monitoring stations on May 19 because of malfunctioning PID lamp in one multirae
19-May-99	07:47 to 08:43	2A	10	0	0	0	may19_99.xls	downwind
19-May-99	08:43 to 16:54	2A	10	0.3	0	0	may19_99.xls	downwind
20-May-99	07:33 to 08:42	2A	9	0	0	0	may20_99.xls	downwind
20-May-99	08:43 to 16:10	2A	9	0	0	0	may20_99.xls	downwind
20-May-99	07:19 to 08:37	2A	10	0	0	0	may20_99.xls	downwind
20-May-99	08:39 to 17:20	2A	10	0	0	0	may20_99.xls	downwind
20-May-99	07:26 to 08:38	2A	11	0.1	0	0	may20_99.xls	upwind
20-May-99	08:38 to 12:23	2A	11	0	0	0	may20_99.xls	upwind
20-May-99	12:45 to 17:21	2A	11	0.5	0	0.1	may20_99.xls	upwind
21-May-99	07:07 to 12:17	2A	9	0.1	0	0	may21_99.xls	upwind
21-May-99	13:04 to 14:16	2A	9	0.1	0	0	may21_99.xls	upwind
21-May-99	12:48 to 14:17	2A	12	0	0	0	may21_99.xls	downwind

Date	Time Frame	Area	Station #	Maximum VOC concentration (ppm)	Minimum VOC concentration (ppm)	Average VOC concentration (ppm)	Rae file	Comments
21-May-99	07:08 to 14:14	2A	13	0	0	0	may21_99.xls	downwind
24-May-99	7:25 to 13:45	2A	13	3.1	0	0.6	may24_99.xls	downwind
24-May-99	7:15 to 13:42	2A	11	0.2	0	0	may24_99.xls	upwind
24-May-99	13:46 to 16:01	1A, SP001	1	0.1	0	0	may24_99.xls	upwind
24-May-99	13:43 to 17:28	1A, SP001	14	0.1	0	0	may24_99.xls	downwind
25-May-99	07:20-08:09	1C	15	0	0	0	may25_99.xls	downwind
25-May-99	12:38-14:50	2A	13	0.2	0	0	may25_99.xls	downwind
25-May-99	07:34-16:04	2A	9	0	0	0	may25_99.xls	upwind
25-May-99		2A	14				may25_99.xls	downwind, Unit 2 from station 14 fell into water, data lost
26-May-99	07:34-17:14	2A	13	0.7	0	0	may26_99.xls	downwind
26-May-99	07:13-14:58	2A	9	0	0	0	may26_99.xls	downwind
26-May-99		2A					may26_99.xls	Did not have an upwind station today, to be conservative assumed upwind concentrations to be 0
27-May-99	07:21-17:09	2A	13	0.6	0	0	may27_99.xls	downwind
27-May-99	07:12-13:53	2A	9	0.1	0	0	may27_99.xls	downwind
27-May-99		2A	11					Did not have an upwind station today, to be conservative assumed upwind concentrations to be 0
28-May-99	0733-1036	2A	5	0	0	0	may28_99.xls	upwind
28-May-99	0716-1154	2A	9	0	0	0	may28_99.xls	downwind
28-May-99	1209-1647	2A	9	0	0	0	may28_99.xls	downwind
28-May-99	0723-1651	2A	13	0.5	0	0	may28_99.xls	downwind
01-Jun-99	0706-1141	2A	9	11.2	0	0.9	june1_99.xls	upwind, source of peak unknown
01-Jun-99	1348-1431	2A	9	0	0	0	june1_99.xls	upwind
01-Jun-99	0715-1250	2A	13	0	0	0	june1_99.xls	downwind
01-Jun-99	1355-1508	2A	13	0	0	0	june1_99.xls	downwind
02-Jun-99	6:56 to 13:56	2A	9	0	0	0	june2_99.xls	upwind
02-Jun-99	1:24 to 8:13?	2A	5	0	0	0	june2_99.xls	downwind
02-Jun-99	7:13 to 14:08	2A	13	0	0	0	june2_99.xls	downwind
03-Jun-99	7:17 to 12:42	2A	9	0	0	0	june3_99.xls	downwind
03-Jun-99	13:09 to 15:40	2A	9	0	0	0	june3_99.xls	downwind
03-Jun-99	7:29 to 16:22	2A	5	0	0	0	june3_99.xls	upwind
03-Jun-99	7:29 to 16:36	2A	13	0	0	0	june3_99.xls	downwind
04-Jun-99	07:18 to 09:15	1A	1	0.9	0	0	june4_99.xls	
04-Jun-99	09:16 to 16:40	2A	16	0	0	0	june4_99.xls	
04-Jun-99	07:19 to 9:01	1A	2	0	0	0	june4_99.xls	
04-Jun-99	09:02 to 16:39	2A	9	0	0	0	june4_99.xls	
04-Jun-99	07:09 to 09:12	1A	15	0	0	0	june4_99.xls	
04-Jun-99	09:13 to 16:36	2A	15	0	0	0	june4_99.xls	
07-Jun-99	07:24 to 13:59	2A/2B	9	5.4	0	0.6	june7_99.xls	

Date	Time Frame	Area	Station #	Maximum VOC concentration (ppm)	Minimum VOC concentration (ppm)	Average VOC concentration (ppm)	Rae file	Comments
07-Jun-99	07:23 to 13:46	2A/2B	13	0.7	0	0.1	june7_99.xls	
07-Jun-99	07:20 to 16:40	2A/2B	5	0.1	0	0	june7_99.xls	
08-Jun-99	07:21 to 16:17	1A, 3, 2A	1	0	0	0	june8_99.xls	upwind
08-Jun-99	07:20 to 15:43	1A, 3, 2A	9	0.9	0	0	june8_99.xls	downwind
08-Jun-99	07:19 to 13:44	1A, 3, 2A	13	0.1	0	0	june8_99.xls	downwind
09-Jun-99	07:18 to 15:43	1A, 3, 2A	1	31	0	4.3	june9_99.xls	upwind, source of peak dozer near station, no odour detected
09-Jun-99	07:22 to 11:56	1A, 3, 2A	9	4.6	0	2	june9_99.xls	downwind
09-Jun-99	13:17 to 15:48	1A, 3, 2A	9	0	0	0	june9_99.xls	downwind
09-Jun-99	07:21 to 15:13	1A, 3, 2A	13	0.5	0	0	june9_99.xls	downwind
10-Jun-99	07:28 to 16:30	1A, 2A	1	0	0	0	june10_99.xls	no specific wind direction, very little wind sporadic direction
10-Jun-99	07:27 to 14:22	1A, 2A	9	0.7	0	0.1	june10_99.xls	no specific wind direction, very little wind sporadic direction
10-Jun-99	07:32 to 10:12	1A, 2A	9	1.8	0	0.8	june10_99.xls	no specific wind direction, very little wind sporadic direction
10-Jun-99	10:56 to 11:41	1A, 2A	9	0.1	0	0	june10_99.xls	no specific wind direction, very little wind sporadic direction
10-Jun-99	13:12 to 16:30	1A, 2A	13	0	0	0	june10_99.xls	no specific wind direction, very little wind sporadic direction
11-Jun-99	14:32 to 16:09	2A	9	0	0	0	june11_99.xls	
11-Jun-99	07:27 to 11:47	2A	9	0.2	0	0	june11_99.xls	
11-Jun-99	07:23 to 15:54	2A	1	0	0	0	june11_99.xls	
11-Jun-99	07:32 to 15:53	2A	13	0.5	0	0	june11_99.xls	
14-Jun-99	07:26 to 14:57	2A	9	59.9	0	16.3	june14_vocs.xls	upwind, data not reliable because there was no upwind source for high VOCs and there was heavy rain, no odours detected all day, PID returned to supplier for repair
14-Jun-99	07:24 to 16:26	2A	1	0	0	0	june14_vocs.xls	downwind
14-Jun-99	07:27 to 16:30	2A	13	1.9	0	0.6	june14_vocs.xls	downwind
15-Jun-99	07:16 to 15:42	2A	9	0	0	0	june15_vocs.xls	downwind
15-Jun-99	07:24 to 09:23	2A	1	0	0	0	june15_vocs.xls	upwind, unit removed to replace faulty mobile PID
15-Jun-99	07:24 to 14:26	2A	13	0	0	0	june15_vocs.xls	downwind
16-Jun-99	06:48 to 16:38	2A	1	0	0	0	june16_vocs.xls	upwind
16-Jun-99	06:51 to 15:30	2A	9	0	0	0	june16_vocs.xls	downwind
17-Jun-99	07:19 to 16:56	2A, 1D	15	10.3	0	0.1	june17_vocs.xls	calm, no wind. Monitor was placed near 1D and in excavator cab during excavation of 1D. Breathing zone was monitored frequently. Only 2 PIDs functioning today: 1 for screening, 1 for breathing zone
18-Jun-99	07:25 to 15:11	2A	1	0	0	0	june18_vocs.xls	upwind
18-Jun-99	07:30 to 16:30	2A	9	0	0	0	june18_vocs.xls	downwind
18-Jun-99	07:29 to 16:25	2A	17	0	0	0	june18_vocs.xls	downwind
21-Jun-99	07:21 to 16:16	2A,2C,2D	1	0	0	0	june21_vocs.xls	downwind
21-Jun-99	07:30 to 16:40	2A,2C,2D	9	0.2	0	0	june21_vocs.xls	downwind
21-Jun-99	07:13 to 16:39	2A,2C,2D	13	0	0	0	june21_vocs.xls	upwind
22-Jun-99	07:28 to 16:30	1D	4	0	0	0	june22_vocs.xls	upwind
22-Jun-99	07:25 to 16:16	1D	5	2.3	0	0	june22_vocs.xls	downwind station and carried by DE&S field personnel during bucket screening
22-Jun-99	07:23 to 16:25	1D	8	0.2	0	0	june22_vocs.xls	downwind

Air Monitoring - VOCs

Date	Time Frame	Area	Station #	Maximum VOC concentration (ppm)	Minimum VOC concentration (ppm)	Average VOC concentration (ppm)	Rae file	Comments
23-Jun-99	07:14 to 16:28	2C,1D	4	0	0	0	june23_vocs.xls	downwind
23-Jun-99	07:08 to 16:40	2C,1D	5	1.1	0	0	june23_vocs.xls	downwind, unit at station 5 used for breathing zone testing while screening area 1D
23-Jun-99	NA	2C,1D	16 dust only	-	-	-	june23_vocs.xls	No upwind PID due to malfunction, unit to be replaced ASAP
24-Jun-99	07:11 to 15:19	2C,2A	4	0	0	0	june24_vocs.xls	downwind, started to rain so brought monitors in early
24-Jun-99	07:05 to 15:30	2C,2A	5	0	0	0	june24_vocs.xls	downwind, started to rain so brought monitors in early
24-Jun-99	NA	2C,2A	16 dust only	-	-	-	june24_vocs.xls	No upwind PID due to malfunction, unit to be replaced ASAP
25-Jun-99								very heavy rain, impeded excavation
28-Jun-99	NA	1A	16 dust only	-	-	-	june28_vocs.xls	No upwind PID due to malfunction, unit to be replaced ASAP
28-Jun-99	07:34 to 14:26	1A	4	0.7	0	0.1	june28_vocs.xls	downwind, started to rain so brought monitors in early
28-Jun-99	07:31 to 15:21	1A	2	0	0	0	june28_vocs.xls	downwind, started to rain so brought monitors in early
29-Jun-99	07:33 to 17:16	1D,2C	5	2.5	0	0.3	june29_vocs.xls	downwind, no upwind station today
29-Jun-99	07:29 to 17:11	1D,2C	4	0	0	0	june29_vocs.xls	downwind, no upwind station today
30-Jun-99	07:09 to 17:54	1D, 2C,2A	4	0.3	0	0	june30_vocs.xls	upwind
30-Jun-99	07:13 to 17:58	1D, 2C,2A	5	2.2	0	0.7	june30_vocs.xls	downwind, excavating stained soil in vicinity of monitor
30-Jun-99	07:09 to 14:01	1D, 2C,2A	16	0	0	0	june30_vocs.xls	downwind
01-Jul-99	07:11 to 15:10	2A, 2B	16	0	0	0	July1_vocs.xls	upwind
01-Jul-99	07:13 to 16:01	2A, 2B	5	3.5	0	2.1	July1_vocs.xls	downwind, we feel that this PID is drifting
01-Jul-99	07:09 to 15:55	2A, 2B	4	0	0	0	July1_vocs.xls	downwind
02-Jul-99	07:14 to 16:39	2C, 1D	4	0.1	0	0	July2_vocs.xls	downwind
02-Jul-99	07:24 to 16:48	2C, 1D	13	8.2	0	0.7	July2_vocs.xls	downwind
02-Jul-99	07:17 to 11:55	2C, 1D	16	0.1	0	0	July2_vocs.xls	upwind
06-Jul-99	07:00 to 12:00	2C, 1D	4	0	0	0	July6_vocs.xls	downwind
06-Jul-99	07:24 to 11:57	2C, 1D	13	9	0.2	0.9	July6_vocs.xls	downwind
06-Jul-99	07:18 to 11:55	2C, 1D	16	0.9	0	0.3	July6_vocs.xls	upwind
07-Jul-99	07:37 to 17:40	2C, 1D, 2B	16	0.2	0	0	July7_vocs.xls	upwind
07-Jul-99	07:30 to 8:50	2C, 1D, 2B	5	0	0	0	July7_vocs.xls	downwind, Times are approximate, date/time wrong on PID
07-Jul-99	14:30 to 17:00	2C, 1D, 2B	5	0	0	0	July7_vocs.xls	downwind, Times are approximate, date/time wrong on PID
08-Jul-99	07:13 to 17:45	2C,2B,2D	16	0	0	0	July8_vocs.xls	downwind
08-Jul-99	07:20 to 17:46	2C,2B,2D	13	0	0	0	July8_vocs.xls	downwind
08-Jul-99	NA	2C,2B,2D	NA	-	-	-	July8_vocs.xls	No upwind PID due to malfunction, unit to be replaced ASAP
09-Jul-99	NA	2C,4,5	NA	-	-	-	NA	No PIDs on site today, rain on and off all day.
12-Jul-99	07:21 to 16:39	1A,2C	4	0	0	0	July12_vocs.xls	upwind
12-Jul-99	07:18 to 17:26	1A,2C	5	2	0	1.1	July12_vocs.xls	downwind
13-Jul-99	07:18 to 17:23	1D,1Dext	4	0	0	0	July13_vocs.xls	downwind, no upwind station today
13-Jul-99	07:20 to 17:08	1D,1Dext	5	1.9	0	1.1	July13_vocs.xls	downwind, no upwind station today

Summary data from monitoring stations data loggers.

Date	Time Frame	Area	Station #	Overall Average Conc. (ug/m^3)	Maximum particulates STEL (ug/m^3)	PDR file	Comments
17-May-99	10:20 to 12:00	1A	1	44	84	may17a_1.xls	downwind,Wind direction on May 17: moderate breeze to north, north-west
17-May-99	12:50 to 17:20	1A	1	56	93	may17b_1.xls	downwind
17-May-99	10:20 to 12:00	1A	2	25	51	may17a_2.xls	upwind
17-May-99	12:50 to 13:50	1A	2	**113**	**264**	may17b_2.xls	upwind, Water truck kicked up dust right beside monitor while wetting down truck route
17-May-99	13:50 to 17:20	1A	2	51	**105**	may17c_2.xls	upwind, Truck kicked up dust right beside monitoring station, susceptible location within 15 feet of truck route
17-May-99	10:20 to 12:00	1A	3	22	33	may17a_3.xls	downwind
17-May-99	12:50 to 17:20	1A	3	58	94	may17b_3.xls	downwind
18-May-99	7:30 to 13:00	1C,1D	3	50	**107**	may18a_2.xls	downwind, Monitoring station was only 6 ft from excavation because of north property boundary
18-May-99	7:30 to 13:00	1C,1D	4	62	**194**	may18a_1.xls	downwind, Monitoring station was only 6 ft from excavation because of north property boundary
18-May-99	7:30 to 13:00	1C,1D	5	39	98	may18a_3.xls	upwind
18-May-99	13:00 to 16:45	3	6	19	26	may18b_3.xls	upwind
18-May-99	13:00 to 16:45	3	7	37	**108**	may18b_1.xls	downwind
18-May-99	13:00 to 16:45	3	8	45	**142**	may18b_2.xls	downwind
19-May-99	7:45 to 17:00	2A	9	20	68	may19_9.xls	downwind
19-May-99	7:45 to 17:00	2A	10	24	57	may19_10.xls	downwind
19-May-99	7:45 to 17:00	2A	11	14	26	may19_11.xls	upwind
20-May-99	7:20 to 17:25	2A	9	21	50	may20_9.xls	downwind
20-May-99	7:20 to 17:25	2A	10	21	59	may20_10.xls	downwind
20-May-99	7:20 to 17:20	2A	11	22	**187**	may20_11.xls	upwind
21-May-99	7:00 to 14:10	2A	9	18	30	may21_9.xls	upwind
21-May-99	7:10 to 14:10	2A	12	17	29	may21_12.xls	downwind
21-May-99	7:10 to 14:15	2A	13	24	61	may21_13.xls	downwind
24-May-99				na	na		Did not set up monitoring station because of very wet conditions and heavy to moderate rain all day
25-May-99	7:48 to 8:27	1C	11	10	10	may25_11.xls	downwind
25-May-99	7:52 to 8:30	1C	9	6	7	may25_9.xls	downwind
25-May-99	7:22 to 7:48	1C	15	6	7	may25_15.xls	downwind
25-May-99	7:50 to 8:31	2A	13	7	9	may25_13.xls	downwind
26-May-99				na			Did not set up monitoring station because of very wet conditions and heavy to moderate rain all day
27-May-99	7:15 to 17:41	2A	9	24	75	may27_9.xls	downwind
27-May-99	7:15 to 17:00	2A	13	29	78	may27_13.xls	downwind

Date	Time Frame	Area	Station #	Overall Average Conc. (ug/m^3)	Maximum particulates STEL (ug/m^3)	PDR file	Comments
27-May-99	7:18 to 17:41	2A	11	36	**419**	may27_11.xls	upwind, heavy equipment moving 5 feet away on upwind side starting ~2pm
28-May-99	7:15 to 16:45	2A	5	29	56	may28_5.xls	upwind
28-May-99	7:15 to 16:45	2A	9	31	56	may28_9.xls	downwind
28-May-99	7:15 to 16:45	2A	13	54	**210**	may28_13.xls	downwind, near drillers while deconing augers
01-Jun-99				na			Did not set up monitoring station because of wet conditions and intermittent moderate rain
02-Jun-99	7:01 to 13:21	2A	5	78	12.9	Jun2.xls	downwind
02-Jun-99	6:58 to 13:20	2A	9	74	14.6	Jun2.xls	upwind
02-Jun-99	7:09 TO 13:26	2A	13	82	14.2	Jun2.xls	downwind
03-Jun-99	9:00 to 16:44	2A	5	31	**101**	June3.xls	upwind, Truck kicked up dust right beside monitoring station, susceptible location within 15 feet of truck route
03-Jun-99	8:58 to 17:06	2A	9	36	**126**	June3.xls	downwind, excavation very close to monitoring station.
03-Jun-99	9:09 to 17:10	2A	13	29	50	June3.xls	downwind
04-Jun-99	07:15 to 16:45	1A, 2A	1, 16	31	87	June4.xls	switched stations at 9:15 from upwind to downwind
04-Jun-99	07:15 to 16:45	1A, 2A	2, 9	12	46	June4.xls	downwind, switched stations at 09:15 from 2 to 9
04-Jun-99	07:15 to 16:45	1A, 2A	15	35	**170**	June4.xls	switched at 9:15 from downwind to upwind, Station 15 was close to truck route, sprayed route with water
07-Jun-99	07:15 to 16:39	2A/2B	9	88	**135**	June7.xls	upwind
07-Jun-99	07:24 to 16:43	2A/2B	5	91	**156**	June7.xls	downwind, sprayed route with water 4 times
07-Jun-99	07:19 to 16:41	2A/2B	13	105	**148**	June7.xls	downwind
08-Jun-99	07:26 to 16:21	1A, 3, 2A	1	26	39	june8.xls	upwind
08-Jun-99	07:11 to 16:21	1A, 3, 2A	9	21	41	june8.xls	downwind
08-Jun-99	07:17 to 16:21	1A, 3, 2A	13	10	57	june8.xls	downwind
09-Jun-99	7:21 to 15:46	1A, 3, 2A	1	41	**248**	june9.xls	upwind, near backfilling operations, shifting winds
09-Jun-99	7:13 to 15:39	1A, 3, 2A	9	36	86	june9.xls	downwind, emphasised to modern that more water needs to be put on the route
09-Jun-99	7:17 to 15:46	1A, 3, 2A	13	70	**394**	june9.xls	downwind, emphasised to modern that more water needs to be put on the route
10-Jun-99	07:32 to 16:33	1A, 2A	1	46	71	june10.xls	no specific wind direction, very little wind sporadic direction
10-Jun-99	07:20 to 16:21	1A, 2A	9	36	67	june10.xls	no specific wind direction, very little wind sporadic direction
10-Jun-99	07:26 to 16:25	1A, 2A	13	47	**376**	june10.xls	no specific wind direction, very little wind sporadic direction. Station near exit, watered route 5 times
11-Jun-99	07:18 to 16:00	2A	9	53	63	june11.xls	upwind
11-Jun-99	07:27 to 15:58	2A	1	63	77	june11.xls	downwind
11-Jun-99	07:22 to 15:58	2A	13	46	57	june11.xls	downwind
14-Jun-99	07:19 to 09:05	2A	9	24	28	june14dust.xls	upwind, starting to rain in am
14-Jun-99	07:29 to 09:06	2A	1	53	102	june14dust.xls	downwind, starting to rain in am

Date	Time Frame	Area	Station #	Overall Average Conc (ug/m³)	Maximum particulates STEL (ug/m³)	PDR file	Comments
14-Jun-99	07:24 to 08:49	2A	13	37	65	june14dust.xls	downwind, starting to rain in am
15-Jun-99	09:24 to 15:41	2A	9	14	20	june15dust.xls	downwind
15-Jun-99	09:28 to 15:34	2A	1	2	7	june15dust.xls	upwind
15-Jun-99	09:33 to 15:34	2A	13	51	**132**	june15dust.xls	downwind
16-Jun-99	06:48 to 16:39	2A	1	20	62	june16dust.xls	upwind
16-Jun-99	06:49 to 16:39	2A	9	44	**102**	june16dust.xls	downwind, delivering baker tanks
16-Jun-99	06:52 to 16:52	2A	13	72	**296**	june16dust.xls	downwind, truck route
17-Jun-99				na			light rain today
18-Jun-99	07:21 to 16:24	2A	1	9	21	june18dust.xls	upwind
18-Jun-99	14:42 to 16:23	2A	9	11	20	june18dust.xls	downwind, battery problem did not start logging until 2 pm
18-Jun-99	07:33 to 16:29	2A	17	36	89	june18dust.xls	downwind
21-Jun-99	07:17 to 16:43	2A,2C,2D	1	37	96	june21dust.xls	downwind
21-Jun-99	10:57 to 16:38	2A,2C,2D	9	30	79	june21dust.xls	downwind, battery problem did not start logging until 10 am
21-Jun-99	07:17 to 16:42	2A,2C,2D	13	70	**269**	june21dust.xls	upwind, but downwind of truckroute, watered route 4 times
22-Jun-99	07:25 to 16:27	1D	4	45	**100**	june22dust.xls	upwind
22-Jun-99	07:21 to 16:24	1D	5	87	**136**	june22dust.xls	downwind, monitors were placed very close to excavation to monitor VOCs for breathing zone therefore monitors were very close to excavator and trucks
22-Jun-99	07:26 to 15:43	1D	8	68	**389**	june22dust.xls	downwind, monitors were placed very close to excavation to monitor VOCs for breathing zone therefore monitors were very close to excavator and trucks
23-Jun-99	07:12 to 16:44	1D,2C	4	28	60	june23dust.xls	downwind
23-Jun-99	07:11 to 16:41	1D,2C	5	35	79	june23dust.xls	downwind
23-Jun-99	07:12 to 16:42	1D,2C	16	25	39	june23dust.xls	upwind
24-Jun-99	07:07 to 15:31	2C,2A	4	38	67	june24dust.xls	downwind
24-Jun-99	07:05 to 15:30	2C,2A	5	41	62	june24dust.xls	downwind
24-Jun-99	07:07 to 15:32	2C,2A	16	48	76	june24dust.xls	upwind
25-Jun-99				na			very heavy rain, impeded excavation
28-Jun-99	07:27 to 15:23	1A	16	65	88	june28dust.xls	upwind, rained at ~15:20 pm
28-Jun-99	07:31 to 15:23	1A	4	63	96	june28dust.xls	downwind, rained at ~15:20 pm
28-Jun-99	07:30 to 15:20	1A	2	69	**119**	june28dust.xls	downwind, rained at ~15:20 pm
29-Jun-99	na	1D, 2C	na	na	na	na	heavy overnight rain, light rain occasionally through most of day
30-Jun-99	07:02 to 17:50	1D, 2C,2A	16	18	42	june30dust.xls	downwind
30-Jun-99	07:10 to 17:54	1D, 2C,2A	5	16	52	june30dust.xls	downwind

Date	Time Frame	Area	Station #	Overall Average Conc. (ug/m^3)	Maximum particulates STEL (ug/m^3)	PDR file	Comments
30-Jun-99	07:13 to 17:57	1D, 2C,2A	4	23	44	june30dust.xls	upwind
01-Jul-99	07:06 to 15:55	2A, 2B	16	63	92	july1dust.xls	upwind
01-Jul-99	07:13 to 15:59	2A, 2B	5	58	**154**	july1dust.xls	downwind
01-Jul-99	07:09 to 15:57	2A, 2B	4	67	94	july1dust.xls	downwind
02-Jul-99	07:18 to 16:44	1D, 2C	4	47	**123**	july2dust.xls	downwind
02-Jul-99	07:20 to 16:44	1D, 2C	13	33	81	july2dust.xls	downwind
02-Jul-99	07:12 to 16:44	1D, 2C	16	27	61	july2dust.xls	upwind
06-Jul-99	07:24 to 11:53	1D, 2C	4	79	**162**	july6dust.xls	downwind
06-Jul-99	07:19 to 11:53	1D, 2C	13	82	**111**	july6dust.xls	downwind
06-Jul-99	07:13 to 11:51	1D, 2C	16	63	80	july6dust.xls	upwind
07-Jul-99	07:38 to 17:35	1D, 2C, 2B	5	**646**	**7433**	july7dust.xls	downwind, something squirley with the dust monitor
07-Jul-99	07:38 to 17:31	1D, 2C, 2B	13	30	86	july7dust.xls	downwind
07-Jul-99	07:24 to 17:34	1D, 2C, 2B	16	24	41	july7dust.xls	upwind
08-Jul-99	07:09 to 17:40	2C,2B,2D	4	22	41	july8dust.xls	upwind
08-Jul-99	07:16 to 17:44	2C,2B,2D	13	41	**147**	july8dust.xls	downwind
08-Jul-99	07:08 to 17:42	2C,2B,2D	16	22	44	july8dust.xls	downwind
09-Jul-99	11:37 to 13:38	2C,4,5	18	48	71	july9dust.xls	Dust monitors used for area 5 excavation only. Intermittent rain today.
09-Jul-99	11:37 to 13:37	2C,4,5	19	55	81	july9dust.xls	Dust monitors used for area 5 excavation only. Intermittent rain today.
12-Jul-99	07:17 to 17:23	1A, 2C	4	40	89	july12dust.xls	upwind
12-Jul-99	07:06 to 17:21	1A, 2C	16	37	**130**	july12dust.xls	downwind
12-Jul-99	07:14 to 17:22	1A, 2C	5	38	**111**	july12dust.xls	downwind
13-Jul-99	07:09 to 17:03	1D,1Dext	16	66	**979**	july13dust.xls	upwind, excavation equipment moving gravel/asphalt pile immediately beside station at time of max
13-Jul-99	07:17 to 17:20	1D,1Dext	4	38	**101**	july13dust.xls	downwind
13-Jul-99	07:13 to 17:18	1D,1Dext	5	32	**105**	july13dust.xls	downwind
14-Jul-99	07:14 to 16:38	1Dext, 2B	4	56	**162**	july14dust.xls	downwind
14-Jul-99	07:11 to 16:39	1Dext, 2B	5	40	60	july14dust.xls	downwind
14-Jul-99	07:12 to 16:30	1Dext, 2B	16	39	51	july14dust.xls	upwind
15-Jul-99	07:00 to 15:03	2A,2B	16	58	90	july15dust.xls	upwind
15-Jul-99	07:04 to 17:38	2A,2B	5	68	**112**	july15dust.xls	downwind
15-Jul-99	07:08 to 17:41	2A,2B	13	**114**	**381**	july15dust.xls	downwind, this unit in area that clean fill was being brought in, a very hot and windy day.
16-Jul-99	07:11 to 09:31	2B	16	**137**	**164**	july16dust.xls	Upwind, hot dry day, mostly backfilling

Date	Time Frame	Area	Station #	Overall Average Conc. (ug/m^3)	Maximum particulates STEL (ug/m^3)	PDR file	Comments
16-Jul-99	07:16 to 15:35	2B	5	**115**	**153**	july16dust.xls	downwind, hot dry day, mostly backfilling
16-Jul-99	07:22 to 15:35	2B	13	**293**	**1042**	july16dust.xls	downwind, hot dry day, mostly backfilling
19-Jul-99	08:22 to 11:23	2D	5	37	58	july19dust.xls	downwind
19-Jul-99	08:35 to 11:30	2D	13	81	**137**	july19dust.xls	downwind
19-Jul-99	08:23 to 11:30	2D	16	41	**122**	july19dust.xls	upwind
20-Jul-99	07:25 to 15:15	2B,2D,1D	13	66	89	july20dust.xls	upwind
20-Jul-99	07:15 to 15:08	2B,2D,1D	16	42	**127**	july20dust.xls	downwind
20-Jul-99	07:20 to 15:09	2B,2D,1D	5	33	47	july20dust.xls	downwind
21-Jul-99	07:46 to 14:53	1B	2	88	**206**	july21dust.xls	downwind
21-Jul-99	07:45 to 14:50	1B	5	41	73	july21dust.xls	downwind
21-Jul-99	07:47 to 14:47	1B	16	29	63	july21dust.xls	upwind
22-Jul-99	11:30 to 14:40	backfill	5	58	83	july22dust.xls	downwind
22-Jul-99	11:30 to 14:40	backfill	13	77	**142**	july22dust.xls	upwind
22-Jul-99	11:30 to 14:40	backfill	16	**114**	**231**	july22dust.xls	downwind
23-Jul-99	07:15 to 14:35	backfill	5	57	89	july23dust.xls	downwind
23-Jul-99	07:15 to 14:35	backfill	9	86	**507**	july23dust.xls	upwind, high concentration due to rubbertired backhoe moving crushed stone
23-Jul-99	07:15 to 14:35	backfill	13	**165**	**667**	july23dust.xls	downwind, beside dumpster rubber tired backhoe putting tree & shrubbery debris in dumpster
26-Jul-99	07:30 to 12:30	backfill	1	58	62	july26dust.xls	upwind
26-Jul-99	07:30 to 12:30	backfill	9	71	**105**	july26dust.xls	downwind
26-Jul-99	07:30 to 12:30	backfill	13	**105**	**154**	july26dust.xls	downwind
04-Aug-99	07:57 to 09:43	2B	5	0	30	Aug4dust.xls	downwind, thundershowers most of the day

Appendix I

Groundwater Discharge Permits and Monthly Reports

City of Niagara Falls, New York

P.O. Box 69, Niagara Falls, NY 14302-0069

March 3, 1999

Ms. Kristen E. Hanson, M.Sc.
Duke Engineering & Services (Canada), Inc.
3075 14th Avenue, Suite 207
Markham, Ontario
Canada L3R069

Dear Ms. Hanson:

Thank you for your request dated February 8, 1999 which requests permission to discharge wastewater from the former Carborundum Globar site on Hyde Park Boulevard & Rhode Island Avenue. The City of Niagara Falls has completed the review and hereby grants permission for this discharge subject to the following conditions.

a) The City of Niagara Falls will be notified by phone at (716) 286-4978 24 hours in advance of commencing discharge.

b) Duke Engineering & Services (Canada), Inc. will provide written evidence that it has notified the Town of Niagara of this discharge and received permission to discharge into Town of Niagara's sewers (which discharge to City of Niagara Falls sewers).

c) The limits listed in the attached "Discharge Limitations" list will be adhered to.

d) The results of an initial sample collection and analysis will be provided within 14 days of commencing discharge for those parameters listed in the "Discharge Limitations" list. Thereafter, one sample analysis for those parameters will be submitted every 30 days.

e) The pollutants noted on the "Discharge Limitations" list those pollutants which are known to be present. In addition to these limits, Duke Engineering & Services (Canada), Inc. is required to adhere to all other standards and limitations delineated in the City of Niagara Falls Sewer Use Ordinance Section 250. By accepting this permit, Duke Engineering & Services (Canada), Inc. agrees to adhere to said ordinance.

f) The discharge flow will be continuously metered. The daily totalizer readings will be recorded on a log which will be submitted with the monthly report.

g) The cost of sewer disposal will be based on the volume and pollutants discharge per the monthly reports. Duke Engineering & Services (Canada), Inc. will be invoiced monthly.

h) This permit is effective March 5, 1999.

RE: Ms. Kristen E. Hanson, M.Sc.
Duke Engineering & Services (Canada) Inc.

If you have any further questions, please contact me at (716) 286-4978.

Sincerely,

DEPARTMENT OF WASTEWATER FACILITIES

Albert C. Zaepfel
Industrial Monitoring Coordinator

ACZ:rac

Cc D. Leemhuis, NYDEC
D. Woodcock, Town of Niagara
File: Semiannual Report – NYSDEC/USEPA

Carborundum Globar Remedial Site

DISCHARGE LIMITATIONS

PARAMETER	DAILY MAXIMUM lbs/day
Flow	0.0015 (MGD)
Benzene	0.002
1,2 – Dichloroethylene	0.1
Trichloroethylene	0.22
Vinyl Chloride	0.1
Total Suspended Solids	50
Soluable Organic Carbon	25
pH	6 – 9 (STND Units)

TOWN OF NIAGARA

COUNTY OF NIAGARA, STATE OF NEW YORK

NIAGARA FALLS, N.Y.

7105 LOCKPORT ROAD
NIAGARA FALLS, NEW YORK 14305

PHONE: 297-2150
FAX: 297-9262

March 10, 1999

Ms. Kristen E. Hanson
Duke Engineering & Services (Canada), Inc.
3075 14th Avenue, Suite 207
Markham, Ontario L3R 0G9

Dear Ms. Hanson,

Approval of your request regarding the discharge of groundwater from the former Carborundum Globar site on Hype Park Blvd. and Rhode Island Ave. is granted. However, approval is contingent on the notification to the Town of Niagara by phone at (716) 297 – 2150 24 hours in advance of commencing discharge. A representative of the Town of Niagara must be on site before the discharge is to begin.

Should you have any questions regarding the above please feel free to contact my office.

Sincerely,

Donald J. Woodcook, Jr.
Water and Sewer Superintendent

DJW/jas

cc: A. Zaepfel, Wastewater Facilities

City of Niagara Falls, New York

P.O. Box 69, Niagara Falls, NY 14302-0069

June 18, 1999

Ms. Kristen E. Hanson, M.Sc.
Duke Engineering & Services, Inc.
3075 14th Avenue, Suite 207
Markham, Ontario
Canada L3R 069

JUN 2 3 1999

Dear Ms. Hanson:

The City has completed the review of your request dated June 17, 1999 which solicits a modification to the approval granted to Duke Engineering & Services, Inc. on March 3, 1999. You have requested a temporary increase in the discharge volume from the Carborundum Globar remedial site.

You have proposed to increase the discharge from 1500 gpd to 20,000 gpd for a three (3) day period. Based on the result of the first discharge sample collected on June 7, 1999, the increased pollutant loading during this period is expected to be within the limits established in the March 3, 1999 approval. However, several additional pollutants were detected. Consequently, the list of "Discharge Limitations" contained in the original approval has been modified. The attached revised list of limits will apply throughout the remainder of this discharge commencing June 18, 1999. This revised list should be considered a modification to the original approval. All other aspects of the approval remain in effect.

Consequently, you are hereby granted approval of your request. If you have questions, please contact me at (716) 286-4978.

Sincerely,

DEPARTMENT OF WASTEWATER FACILITIES

Albert C. Zaepfel
Industrial Monitoring Coordinator

Attachment
ACZ:rac

Cc D. Leemhuis – NYSDEC
D. Woodcock, Town of Niagara
Semi-Ann. Report – NYSDEC/USEPA

F:\ADMIN\WINWORD\ZAEPFEL\MEMOS99\MS. KRISTEN E. HANSON, DUKE ENG. & SERVICES, INC. 6-18-99

Carborundum Globar Remedial Site

DISCHARGE LIMITATIONS

PARAMETER	DAILY MAXIMUM lbs/day
Flow	0.0015 (MGD)
Benzene	0.02
1,2 – Dichloroethylene	0.1
Trichloroethylene	0.22
Vinyl Chloride	0.1
Total Suspended Solids	50.1
Soluable Organic Carbon	25.1
pH	6 – 9 (STND Units)
Toluene	0.01
Ethyl Benzene	0.01
Acetone	0.01
2-Butamone	0.001
T. Xylenes	0.02

City of Niagara Falls, New York
P.O. Box 69, Niagara Falls, NY 14302-0069

June 28, 1999

Ms. Kristen E. Hanson
Duke Engineering & Services, Inc.
3075 14th Avenue, Suite 207
Markham Ontario
Canada, L32 OG9

Ms. Hanson:

The City has completed the review of your telephone request on June 28, 1999 to modify the discharge volume from the Carborundum Globar remedial site. Proper notification has been sent to the NYS Department of Environmental Conservation. Consequently, your request to increase the discharge from the remedial site to 20,000 gallons per day is hereby granted.

All conditions and limitations contained in the City approvals dated March 3, 1999 and June 18, 1999 remain in effect. This approval is effective July 1, 1999. If you have any questions I may be contacted at 716-286-4978.

Sincerely,
DEPARTMENT OF WASTEWATER FACILITIES

Albert C. Zaepfel

ACZ: saf
File-Carborundum Globar

F:\ADMIN\WINWORD\ZAEPFEL\MEMOS99\HANSON JUNE 28

Duke Engineering & Services (Canada), Inc.SM
A Duke Energy Company

3075 14th Avenue, Suite 207
Markham, Ontario L3R 0G9

905 513-9400
Fax 905 513-9405

July 29, 1999

Mr. Albert C. Zaepfel
Department of Wastewater Facilities
City of Niagara Falls
P.O. Box 69, Niagara Falls, NY
14302-0069

Mr. Zaepfel:

Duke Engineering & Services (DE&S) has been generating wastewater during excavation work at 3425 Hyde Park Blvd. in the City of Niagara Falls, New York. DE&S has been discharging this wastewater to the sanitary sewer as per your permits issued on March 3, June 18 and June 28, 1999. Attached to this letter are the laboratory analytical results from sampling the wastewater and the log of discharge events. Excavation work is now completed and a total of 307,600 gallons was discharged. As per our sampling results we have not exceeded any of our permitted loadings.

If you require any further information please contact me at (905) 513-9400.

Sincerely,

Victoria Pianarosa

Victoria Pianarosa,
Hydrogeologist

Groundwater discharge to sewer events

3425 Hyde Park Boulevard, Niagara Falls, NY

Duke Engineering & Services

Date	Discharge Start Time	Discharge Finish Time	Slug Volum (Gallons)	Sampled (Y/N)	Sample ID
Jun-07	14:50	15:05	1600[1]	Y	Discharge1&2
Jun-08	14:30	15:30	1500	N	
Jun-09	14:30	14:45	1500	N	
Jun-10	11:00	12:00	1500	N	
Jun-11	13:00	14:00	1500	N	
Jun-12	6:30	7:30	1500	N	
Jun-14	13:15	14:00	5000	N	
Jun-15	9:30	9:45	5000	N	
Jun-16	10:40	11:00	5000	N	
Jun-17	9:55	10:15	5000	N	
Jun-18	8:55	9:55	20000	N	
Jun-19	~6:30	~7:30	20000	N	
Jun-21	10:50	12:15	20000	N	
Jun-22	13:30	13:50	5000	N	
Jun-23	afternoon		5000	N	
Jun-24	afternoon		5000	N	
Jun-25	13:45	14:05	5000	N	
Jun-26			5000	N	
Jun-28	10:00	10:30	5000	N	
Jun-29	10:30	11:00	5000	N	
Jun-30			none	N	
Jul-01	8:15	8:45	5000	N	
Jul-02	15:15		20000	Y	Discharge3
Jul-03			20000	N	
Jul-06	morning		20000	N	
Jul-07	morning		20000	N	
Jul-08	morning		20000	N	
Jul-09	morning		20000	N	
Jul-10	morning		20000	N	
Jul-12	morning		20000	N	
Jul-13	afternoon		16800	N	
Jul-14			none		
Jul-15			none		
Jul-16			none		
Jul-19			1100		
Jul-20			600		
		Total Discharge	307600	gallons	

[1] - Slight miscalculation was made while discharging

Groundwater discharge sampling results
3425 Hyde Park Boulevard, Niagara Falls, NY
Duke Engineering & Services

Date	Sample ID	Parameters	ug/L	ug/gal	1,600 gal discharge total mg/day	% of permit	permit mg/day
Jun-07	Discharge 1	Vinyl chloride	8	30	48	0.11	45455
		Acetone	8	30	48	1.07	4545
		Total-1,2-Dichloroethene	78	295	472	1.04	45455
		2-Butanone	2	8	12	2.66	455
		Trichloroethene	75	284	454	0.45	100000
		4-Methyl-2-pentanone	1	4	6	-	-
		Toluene	5	19	30	0.67	4545
		Ethylbenzene	5	19	30	0.67	4545
		m,p-Xylene	38	144	230	3.20	9091
		o-Xylene	10	38	61		
			mg/L	**mg/gal**	**g/day**	**% of permit**	**g/day**
		soluable organic carbon	9.2	35	56	0.49	11409
		pH	7.9				6 to 9
	Discharge 1	total suspended solids	54	204	1128	4.95	22773
	Discharge 2	total suspended solids	1376	5209			

Discharge 1 is representative of 90% of flow
Discharge 2 is representative of 10% of flow

Date	Sample ID	Parameters	ug/L	ug/gal	20,000 gal discharge total mg/day	% of permit	permit mg/day
Jul-02	Discharge 3	Vinyl chloride	49	185	3710	8.16	45455
		Methylene chloride	1	4	76	-	-
		Acetone	9	34	681	14.99	4545
		1,1-Dichloroethene	1	4	76	-	-
		Total-1,2-Dichloroethene	540	2044	40883	89.94	45455
		Trichloroethene	56	212	4240	4.24	100000
			mg/L	**mg/gal**	**g/day**	**% of permit**	**g/day**
		total suspended solids	6.2	23	469	2.06	22773
		soluable organic carbon	5.8	22	439	3.85	11409
		pH	7.4				6 to 9

Duke Engineering & Services (Canada), Inc.
A Duke Energy Company

July 8, 1999

Mr. Albert C. Zaepfel
Department of Wastewater Facilities
City of Niagara Falls
P.O. Box 69, Niagara Falls, NY
14302-0069

Mr. Zaepfel:

Duke Engineering & Services (DE&S) has been generating wastewater during excavation work at 3425 Hyde Park Blvd. in the City of Niagara Falls, New York. DE&S has been discharging this wastewater to the sanitary sewer as per your permits issued on March 3, June 18 and June 28, 1999. Attached to this letter are the laboratory analytical results from sampling the wastewater and the log of discharge events. To date we have discharged a total of 209,100 gallons. As per our sampling results we have not exceeded any of our permitted loadings. The soluable organic carbon concentration for sample number DISCHARGE-3 has not been reported by the laboratory yet. When this result is available we will notify you.

If you require any further information please contact me at (716) 285-8426.

Sincerely,

Victoria Pianarosa

Victoria Pianarosa,
Hydrogeologist

Duke Engineering & Services (Canada), Inc.
3075 14th Avenue, Suite 207
Markham, ON, Canada
L3R 0G9

Phone: (905) 513-9400
Facsimile: (905) 513-9405

Groundwater discharge to sewer events

3425 Hyde Park Boulevard, Niagara Falls, NY

Duke Engineering & Services

Date	Discharge Start Time	Discharge Finish Time	Slug Volume (Gallons)	Sampled (Y/N)	Sample ID
Jun-07	14:50	15:05	1600[1]	Y	Discharge1&2
Jun-08	14:30	15:30	1500	N	
Jun-09	14:30	14:45	1500	N	
Jun-10	11:00	12:00	1500	N	
Jun-11	13:00	14:00	1500	N	
Jun-12	6:30	7:30	1500	N	
Jun-14	13:15	14:00	5000	N	
Jun-15	9:30	9:45	5000	N	
Jun-16	10:40	11:00	5000	N	
Jun-17	9:55	10:15	5000	N	
Jun-18	8:55	9:55	20000	N	
Jun-19	~6:30	~7:30	20000	N	
Jun-21	10:50	12:15	20000	N	
Jun-22	13:30	13:50	5000	N	
Jun-23	afternoon		5000	N	
Jun-24	afternoon		5000	N	
Jun-25	13:45	14:05	5000	N	
Jun-26			5000	N	
Jun-28	10:00	10:30	5000	N	
Jun-29	10:30	11:00	5000	N	
Jun-30			none	N	
Jul-01	8:15	8:45	5000	N	
Jul-02	15:15		20000	Y	Discharge3
Jul-03			20000	N	
Jul-06	morning		20000	N	
Jul-07	morning		20000	N	
		Total Discharged	209100	gallons	

[1] - Slight miscalculation was made while discharging

Groundwater discharge sampling results
3425 Hyde Park Boulevard, Niagara Falls, NY
Duke Engineering & Services

Date	Sample ID	Parameters	ug/L	ug/gal	1,600 gal discharge total mg/day	% of permit	permit mg/day
Jun-07	Discharge 1	Vinyl chloride	8	30	48	0.11	45455
		Acetone	8	30	48	1.07	4545
		Total-1,2-Dichloroethene	78	295	472	1.04	45455
		2-Butanone	2	8	12	2.66	455
		Trichloroethene	75	284	454	0.45	100000
		4-Methyl-2-pentanone	1	4	6	-	-
		Toluene	5	19	30	0.67	4545
		Ethylbenzene	5	19	30	0.67	4545
		m,p-Xylene	38	144	230	3.20	9091
		o-Xylene	10	38	61		
			mg/L	**mg/gal**	**g/day**	**% of permit**	**g/day**
		soluable organic carbon	9.2	35	56	0.49	11409
		pH	7.9				6 to 9
	Discharge 1	total suspended solids	54	204	1128	4.95	22773
	Discharge 2	total suspended solids	1376	5209			

Discharge 1 is representative of 90% of flow
Discharge 2 is representative of 10% of flow

Date	Sample ID	Parameters	ug/L	ug/gal	20,000 gal discharge total mg/day	% of permit	permit mg/day
Jul-02	Discharge 3	Vinyl chloride	49	185	3710	8.16	45455
		Methylene chloride	1	4	76	-	-
		Acetone	9	34	681	14.99	4545
		1,1-Dichloroethene	1	4	76	-	-
		Total-1,2-Dichloroethene	540	2044	40883	89.94	45455
		Trichloroethene	56	212	4240	4.24	100000
			mg/L	**mg/gal**	**g/day**	**% of permit**	**g/day**
		total suspended solids	6.2	23	469	2.06	22773
		soluable organic carbon	5.8	22	439	3.85	11409
		pH	7.4				6 to 9

Appendix J

Data Validation Report

CRA SERVICES
2055 Niagara Falls Blvd., Suite Three
Niagara Falls, NY 14304

TELEPHONE: (716) 297-2160
FACSIMILE: (716) 297-2265

MEMORANDUM

TO: Kristin Hanson

REF. NO.: 14229

FROM: Susan Scrocchi/js/1 SS

DATE: October 4, 1999

RE: **Data Validation**

Attached is the Quality Assurance/Quality Control (QA/QC) assessment of the data submitted by Severn Trent Laboratories for samples collected at the Carborundum Site. Upon your approval of the validation, the data package will be returned to you.

If you have any questions or comments on the data validation, please contact me.

ANALYTICAL RESULTS AND QA/QC REVIEW
DUKE ENGINEERING AND SERVICES
CARBORUNDUM - GLOBAR
NIAGARA FALLS, NEW YORK
JUNE-JULY 1999

TABLE OF CONTENTS

LIST OF TABLES

1.0 INTRODUCTION

The following details an assessment and validation of analytical results reported by Severn Trent Laboratories (STL) of Newburgh, New York, for soil and water samples collected in June and July 1999 at the former Carborundum Globar Facility in Niagara Falls, New York, by Duke Engineering and Services, Inc.

Ninety-four soil samples (including seven field duplicates) and one water sample were analyzed for Target Compound List (TCL) volatile organic compounds (VOCs) according to Method 8260 and four soil samples were analyzed for TCL polynuclear aromatic hydrocarbons (PAHs) according to Method 8270. Methods are referenced from "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", USEPA SW-846, 3rd Edition, 1986 (with revisions). Summaries of the analytical results are presented in Tables 1 and 2. A sample collection and analysis summary is presented in Table 3.

The Quality Assurance/Quality Control (QA/QC) criteria by which these data have been assessed is outlined in the analytical methods and the document entitled "USEPA Contract Laboratory Program National Functional Guidelines for Organic Data Review", EPA 540/R-94/012, February 1994.

2.0 SAMPLE HOLDING TIMES

Based on the methods, the following sample holding time requirements have been established:

Parameter	*Holding Time Criteria*
TCL VOCs (Soil)	14 days from collection to analysis
TCL VOCs (Water)	14 days from collection to analysis
TCL PAHs (Soil)	14 days from collection to analytical extraction 40 days from analytical extraction to analysis

All samples were prepared and/or analyzed within the required holding time. All samples were received at the laboratory at the recommended temperature of 4°C (±2°C).

3.0 GAS CHROMATOGRAPH/MASS SPECTROMETER (GC/MS) TUNING AND MASS CALIBRATION - VOLATILES AND PAHs

Prior to analysis, GC/MS instrumentation is tuned to ensure optimization over the mass range of interest. To evaluate instrument tuning, the method specified tuning compound is analyzed and the resulting spectra must meet specific criteria before analysis is initiated. Analysis of the tuning compound must then be repeated every 12 hours throughout the sample analysis period to ensure the continued optimization of the instrument.

The tuning compounds were analyzed at the required frequency and all tuning criteria were met.

4.0 INSTRUMENT CALIBRATION

4.1 INITIAL CALIBRATION

To quantify compounds of interest in samples, calibration of the GC/MS over a specific concentration range must be performed. Initially, a five-point calibration curve containing all compounds of interest is analyzed. The linearity of the curve, as well as instrument sensitivity, is then evaluated using specific criteria outlined in the methods.

The initial calibrations were performed as required and acceptable sensitivity and linearity was demonstrated for all analytes of interest.

4.2 CONTINUING CALIBRATION

To ensure that instrument calibration is acceptable throughout the sample analysis period, continuing calibration standards must be analyzed and compared to the initial calibration curve every 12 hours. Criteria for evaluating the results of the continuing calibration are specified in the analytical method.

All continuing calibration criteria were in compliance with the method requirements with the following exceptions:

i) some continuing calibration standard results indicated an increase in instrument response. All associated results were non-detect and would not have been affected by an increase in response; and

ii) some continuing calibration standard results indicated a decrease in instrument response. All associated sample results were qualified as estimated to reflect the implied decrease in sensitivity (see Table 4).

5.0 INTERNAL STANDARDS PERFORMANCE

To ensure that changes in GC/MS response and sensitivity do not affect sample analysis results, internal standards are added to each sample prior to analysis. All results are then calculated as a ratio of the internal standard response.

All internal standard results were calculated correctly using the internal standard responses and all responses were acceptable with the following exceptions:

i) some low recoveries were observed. All corresponding results were qualified as estimated to reflect the implied low bias (see Table 5); and

ii) some high recoveries were observed. All corresponding positive sample results were qualified as estimated (see Table 5). All corresponding non-detect results would not have been affected by the implied high bias.

6.0 SURROGATE SPIKE RECOVERIES

All samples and blanks are spiked with surrogate compounds prior to sample extraction and/or analysis. Surrogate recoveries provide a means to evaluate the effects of individual sample matrices on analytical efficiency.

All samples were spiked with the proper surrogate compounds and all surrogate recoveries met the method specified criteria indicating acceptable analytical efficiency.

7.0 LABORATORY BLANK ANALYSIS

The purpose of assessing the results of laboratory blank analyses is to determine the existence and magnitude of contamination introduced during analysis. Laboratory blanks were analyzed at a minimum frequency of one per 20 investigative samples and/or one per analytical sequence.

Laboratory blanks were analyzed at the required frequency and all results were non-detect for the compounds of interest with the exception of low levels of acetone and 2-butanone present in several of the blanks. Due to the presence of these common laboratory contaminants in most of the blanks, all acetone and 2-butanone concentrations observed at levels below the reporting limits were qualified as non-detect.

8.0 BLANK SPIKE (BS)

BSs are prepared and analyzed as samples to assess the analytical efficiencies of the methods employed, independent of sample matrix effects.

BSs were analyzed at the proper frequency and all recoveries were acceptable indicating adequate analytical efficiency with the exception of a high 1,1-dichloroethene recovery observed on July 22, 1999. All associated 1,1-dichloroethene results were non-detect and would not have been affected by the implied high bias.

9.0 MATRIX SPIKE/MATRIX SPIKE DUPLICATE (MS/MSD) ANALYSIS

The recoveries of MS/MSD analyses are used to assess the effects of sample matrices on analytical accuracy. MS/MSD samples are prepared and analyzed at a minimum frequency of one per 20 investigative samples. The Relative Percent Difference (RPD) between the MS and MSD analyses indicates the quality of analytical precision achieved.

MS/MSD analyses were performed at the proper frequency. All recoveries and RPD values were acceptable indicating adequate analytical accuracy and precision with the exception of low trichloroethene recoveries for sample 2BVS256. The trichloroethene result for this sample was qualified as estimated to reflect the implied low bias.

10.0 FIELD DUPLICATE ANALYSES

To assess overall analytical and sampling precision, field duplicate samples were collected and submitted "blind" to the laboratory for analysis.

All field duplicate analyses indicated adequate analytical and sampling precision with the following exceptions:

i) sample 2AVS135 and its field duplicate 2AVS136 exhibited some variability between the 1,2-dichloroethene results. The 1,2-dichloroethene results for these samples were qualified as estimated to reflect the variability (see Table 6); and

ii) variability was observed between the trichloroethene results of samples 2AVS135 and 2AVS136, and 2CVS176 and 2CVS177. The trichloroethene results for these samples were qualified as estimated to reflect the variability (see Table 6).

11.0 CONCLUSION

Based on the preceding assessment, the data were acceptable with the qualifications noted.

TABLES

TABLE 1
ANALYTICAL RESULTS SUMMARY - SOILS
FORMER CARBORUNDUM COMPANY
NIAGARA FALLS, NEW YORK
JUNE - JULY 1999

Date Printed: October 5, 1999
Time Printed: 11:01 am

Sample Location:		1AVS208	1AVS209	1AVS210	1AVS211	1DVS212	1DVS213	1DVS214	1DVS215
Sample ID:		1AVS208	1AVS209	1AVS210	1AVS211	1DVS212	1DVS213	1DVS214	1DVS215
Sample Date:		07/12/1999	07/12/1999	07/12/1999	07/12/1999	07/12/1999	07/13/1999	07/13/1999	07/13/1999
Parameters	Units								
Volatile Organics									
Chloromethane	ug/Kg	6 J	58 U	61 U	56 U	61 U	63 U	62 U	65 U
Bromomethane	ug/Kg	62 U	58 U	61 U	56 U	61 U	63 U	62 U	65 U
Vinyl chloride	ug/Kg	62 U	58 U	61 U	56 U	61 U	810	62 U	65 U
Chloroethane	ug/Kg	62 U	58 U	61 U	56 U	61 U	63 U	62 U	65 U
Methylene chloride	ug/Kg	62 U	58 U	61 U	56 U	61 U	63 U	62 U	65 U
Acetone	ug/Kg	62 U	58 U	61 U	56 U	61 U	63 U	62 U	65 U
Carbon disulfide	ug/Kg	62 U	58 U	61 U	56 U	61 U	63 U	62 U	65 U
1,1-Dichloroethene	ug/Kg	62 U	58 U	61 U	56 U	61 U	63 U	62 U	65 U
1,1-Dichloroethane	ug/Kg	62 U	58 U	61 U	56 U	61 U	63 U	62 U	65 U
Vinyl acetate	ug/Kg	62 U	58 U	61 U	56 U	61 U	63 U	62 U	65 U
1,2-Dichloroethene total	ug/Kg	39 J	58 U	61 U	11 J	61 U	340	62 U	38 J
Chloroform	ug/Kg	62 U	58 U	61 U	56 U	61 U	63 U	62 U	65 U
1,2-Dichloroethane	ug/Kg	62 U	58 U	61 U	56 U	61 U	63 U	62 U	65 U
2-Butanone	ug/Kg	62 U	58 U	61 U	56 U	61 U	63 U	62 U	65 U
1,1,1-Trichloroethane	ug/Kg	62 U	58 U	61 U	56 U	61 U	63 U	62 U	65 U
Carbon tetrachloride	ug/Kg	62 U	58 U	61 U	56 U	61 U	63 U	62 U	65 U
Bromodichloromethane	ug/Kg	62 U	58 U	61 U	56 U	61 U	63 U	62 U	65 U
1,2-Dichloropropane	ug/Kg	62 U	58 U	61 U	56 U	61 U	63 U	62 U	65 U
cis-1,3-Dichloropropene	ug/Kg	62 U	58 U	61 U	56 U	61 U	63 U	62 U	65 U
Trichloroethene	ug/Kg	19000	67	61 U	490	61 U	44 J	62 U	16 J
Dibromochloromethane	ug/Kg	62 U	58 U	61 U	56 U	61 U	63 U	62 U	65 U
2-Chloroethylvinylether	ug/Kg	62 U	58 U	61 U	56 U	61 U	63 U	62 U	65 U
1,1,2-Trichloroethane	ug/Kg	62 U	58 U	61 U	56 U	61 U	63 U	62 U	65 U
Benzene	ug/Kg	62 U	58 U	61 U	56 U	61 U	63 U	62 U	65 U
trans-1,3-Dichloropropene	ug/Kg	62 U	58 U	61 U	56 U	61 U	63 U	62 U	65 U
Bromoform	ug/Kg	62 U	58 U	61 U	56 U	61 U	63 U	62 U	65 U
4-Methyl-2-pentanone	ug/Kg	62 U	58 U	61 U	56 U	61 U	63 U	62 U	65 U
2-Hexanone	ug/Kg	62 U	58 U	61 U	56 U	61 U	63 U	62 U	65 U
Tetrachloroethene	ug/Kg	62 U	58 U	61 U	56 U	61 U	63 U	62 U	65 U
1,1,2,2-Tetrachloroethane	ug/Kg	62 U	58 U	61 U	56 U	61 U	63 U	62 U	65 U
Toluene	ug/Kg	62 U	58 U	61 U	56 U	61 U	63 U	62 U	65 U
Chlorobenzene	ug/Kg	62 U	58 U	61 U	56 U	61 U	81	62 U	65 U
Ethylbenzene	ug/Kg	62 U	58 U	61 U	56 U	61 U	63 U	62 U	65 U
Styrene	ug/Kg	62 U	58 U	61 U	56 U	61 U	350	62 U	65 U
Xylene, total	ug/Kg	62 U	58 U	61 U	56 U	61 U	63 U	62 U	65 U
1,3-Dichlorobenzene	ug/Kg	62 U	58 U	61 U	56 U	61 U	32 J	62 U	65 U
1,4-Dichlorobenzene	ug/Kg	62 U	58 U	61 U	56 U	61 U	63 U	62 U	65 U
1,2-Dichlorobenzene	ug/Kg	62 U	58 U	61 U	56 U	61 U	63 U	62 U	65 U
Semi-Volatile Organics									
Naphthalene	ug/Kg	370 J	96 J	410 U	370 U	--	--	--	--

TABLE 1
ANALYTICAL RESULTS SUMMARY - SOILS
FORMER CARBORUNDUM COMPANY
NIAGARA FALLS, NEW YORK
JUNE - JULY 1999

Sample Location:		1AVS208	1AVS209	1AVS210	1AVS211	1DVS212	1DVS213	1DVS214	1DVS215
Sample ID:		1AVS208	1AVS209	1AVS210	1AVS211	1DVS212	1DVS213	1DVS214	1DVS215
Sample Date:		07/12/1999	07/12/1999	07/12/1999	07/12/1999	07/12/1999	07/13/1999	07/13/1999	07/13/1999
Parameters	Units								
Semi-Volatile Organics (Cont'd)									
2-Methylnaphthalene	ug/Kg	160 J	76 J	410 U	72 J	--	--	--	--
2-Chloronaphthalene	ug/Kg	420 U	390 U	410 U	370 U	--	--	--	--
Acenaphthene	ug/Kg	1000 J	180 J	410 U	44 J	--	--	--	--
Fluorene	ug/Kg	760 J	110 J	410 U	370 U	--	--	--	--
Phenanthrene	ug/Kg	9000	1600 J	410 U	550	--	--	--	--
Anthracene	ug/Kg	1900 J	300 J	410 U	110 J	--	--	--	--
Fluoranthene	ug/Kg	15000	1900 J	100 J	1000	--	--	--	--
Pyrene	ug/Kg	15000	3500	110 J	1100	--	--	--	--
Benzo(a)anthracene	ug/Kg	12000	4100	88 J	600	--	--	--	--
Chrysene	ug/Kg	13000	4300	80 J	580	--	--	--	--
Benzo(b)fluoranthene	ug/Kg	21000 J	7100 J	110 J	980	--	--	--	--
Benzo(k)fluoranthene	ug/Kg	5000 J	1700 J	41 J	320 J	--	--	--	--
Benzo(a)pyrene	ug/Kg	20000 J	11000 J	96 J	880	--	--	--	--
Indeno(1,2,3-cd)pyrene	ug/Kg	10000 J	3900 J	82 J	560 J	--	--	--	--
Dibenz(a,h)anthracene	ug/Kg	3900 J	2500 J	410 U	190 J	--	--	--	--
Benzo(g,h,i)perylene	ug/Kg	14000 J	8100 J	83 J	580	--	--	--	--
Acenaphthylene	ug/Kg	56 J	390 U	410 U	370 U	--	--	--	--

TABLE 1
ANALYTICAL RESULTS SUMMARY - SOILS
FORMER CARBORUNDUM COMPANY
NIAGARA FALLS, NEW YORK
JUNE - JULY 1999

Sample Location:		1DVS216	1DVS217	1DVS218	1DVS219	1DVS220	1DVS221	1DVS245	2AVS092
Sample ID:		1DVS216	1DVS217	1DVS218	1DVS219	1DVS220	1DVS221	1DVS245	2AVS092
Sample Date:		07/13/1999	07/13/1999	07/13/1999	07/13/1999	07/13/1999	07/13/1999	07/20/1999	06/14/1999
Parameters	Units								
Volatile Organics									
Chloromethane	ug/Kg	57 U	55 U	57 U	60 U	56 U	64 U	57 U	54 U
Bromomethane	ug/Kg	57 U	55 U	57 U	60 U	56 U	64 U	57 U	54 U
Vinyl chloride	ug/Kg	230	55 U	57 U	60 U	56 U	64 U	91	54 U
Chloroethane	ug/Kg	57 U	55 U	57 U	60 U	56 U	64 U	57 U	54 U
Methylene chloride	ug/Kg	57 U	55 U	57 U	60 U	56 U	64 U	57 U	54 U
Acetone	ug/Kg	57 U	55 U	57 U	60 U	56 U	64 U	65	54 U
Carbon disulfide	ug/Kg	57 U	55 U	57 U	60 U	56 U	64 U	57 U	54 U
1,1-Dichloroethene	ug/Kg	57 U	55 U	57 U	60 U	56 U	64 U	57 U	54 U
1,1-Dichloroethane	ug/Kg	57 U	55 U	57 U	60 U	56 U	64 U	57 U	54 U
Vinyl acetate	ug/Kg	57 U	55 U	57 U	60 U	56 U	64 U	57 U	54 U
1,2-Dichloroethene total	ug/Kg	410	72	48 J	340	350	210	360	370
Chloroform	ug/Kg	57 U	55 U	57 U	60 U	56 U	64 U	57 U	54 U
1,2-Dichloroethane	ug/Kg	57 U	55 U	57 U	60 U	56 U	64 U	57 U	54 U
2-Butanone	ug/Kg	57 U	55 U	57 U	60 U	56 U	64 U	57 U	54 U
1,1,1-Trichloroethane	ug/Kg	57 U	55 U	57 U	60 U	56 U	64 U	57 U	54 U
Carbon tetrachloride	ug/Kg	57 U	55 U	57 U	60 U	56 U	64 U	57 U	54 U
Bromodichloromethane	ug/Kg	57 U	55 U	57 U	60 U	56 U	64 U	57 U	54 U
1,2-Dichloropropane	ug/Kg	57 U	55 U	57 U	60 U	56 U	64 U	57 U	54 U
cis-1,3-Dichloropropene	ug/Kg	57 U	55 U	57 U	60 U	56 U	64 U	57 U	54 U
Trichloroethene	ug/Kg	16 J	19 J	580	760	1500	38 J	430	3400
Dibromochloromethane	ug/Kg	57 U	55 U	57 U	60 U	56 U	64 U	57 U	54 U
2-Chloroethylvinylether	ug/Kg	57 U	55 U	57 U	60 U	56 U	64 U	57 U	54 U
1,1,2-Trichloroethane	ug/Kg	57 U	55 U	57 U	60 U	56 U	64 U	57 U	54 U
Benzene	ug/Kg	57 U	55 U	57 U	60 U	56 U	64 U	57 U	5 J
trans-1,3-Dichloropropene	ug/Kg	57 U	55 U	57 U	60 U	56 U	64 U	57 U	54 U
Bromoform	ug/Kg	57 U	55 U	57 U	60 U	56 U	64 U	57 U	54 U
4-Methyl-2-pentanone	ug/Kg	57 U	55 U	57 U	60 U	56 U	64 U	57 U	54 U
2-Hexanone	ug/Kg	57 U	55 U	57 U	60 U	56 U	64 U	57 U	33 J
Tetrachloroethene	ug/Kg	57 U	55 U	57 U	60 U	56 U	64 U	57 U	54 U
1,1,2,2-Tetrachloroethane	ug/Kg	57 U	55 U	57 U	60 U	56 U	64 U	57 U	54 U
Toluene	ug/Kg	82	55 U	57 U	60 U	56 U	64 U	16 J	100
Chlorobenzene	ug/Kg	57 U	55 U	57 U	60 U	56 U	64 U	57 U	54 U
Ethylbenzene	ug/Kg	720	6 J	6 J	60 U	24 J	64 U	280	54 U
Styrene	ug/Kg	57 U	55 U	57 U	60 U	56 U	64 U	57 U	54 U
Xylene, total	ug/Kg	280	55 U	57 U	60 U	31 J	64 U	45 J	54 U
1,3-Dichlorobenzene	ug/Kg	57 U	55 U	57 U	60 U	56 U	64 U	57 U	54 U
1,4-Dichlorobenzene	ug/Kg	57 U	55 U	57 U	60 U	56 U	64 U	57 U	54 U
1,2-Dichlorobenzene	ug/Kg	57 U	55 U	57 U	60 U	56 U	64 U	57 U	54 U
Semi-Volatile Organics									
Naphthalene	ug/Kg	--	--	--	--	--	--	--	--

TABLE 1
ANALYTICAL RESULTS SUMMARY - SOILS
FORMER CARBORUNDUM COMPANY
NIAGARA FALLS, NEW YORK
JUNE - JULY 1999

Sample Location:		1DVS216	1DVS217	1DVS218	1DVS219	1DVS220	1DVS221	1DVS245	2AVS092
Sample ID:		1DVS216	1DVS217	1DVS218	1DVS219	1DVS220	1DVS221	1DVS245	2AVS092
Sample Date:		07/13/1999	07/13/1999	07/13/1999	07/13/1999	07/13/1999	07/13/1999	07/20/1999	06/14/1999
Parameters	Units								
Semi-Volatile Organics (Cont'd)									
2-Methylnaphthalene	ug/Kg	--	--	--	--	--	--	--	--
2-Chloronaphthalene	ug/Kg	--	--	--	--	--	--	--	--
Acenaphthene	ug/Kg	--	--	--	--	--	--	--	--
Fluorene	ug/Kg	--	--	--	--	--	--	--	--
Phenanthrene	ug/Kg	--	--	--	--	--	--	--	--
Anthracene	ug/Kg	--	--	--	--	--	--	--	--
Fluoranthene	ug/Kg	--	--	--	--	--	--	--	--
Pyrene	ug/Kg	--	--	--	--	--	--	--	--
Benzo(a)anthracene	ug/Kg	--	--	--	--	--	--	--	--
Chrysene	ug/Kg	--	--	--	--	--	--	--	--
Benzo(b)fluoranthene	ug/Kg	--	--	--	--	--	--	--	--
Benzo(k)fluoranthene	ug/Kg	--	--	--	--	--	--	--	--
Benzo(a)pyrene	ug/Kg	--	--	--	--	--	--	--	--
Indeno(1,2,3-cd)pyrene	ug/Kg	--	--	--	--	--	--	--	--
Dibenz(a,h)anthracene	ug/Kg	--	--	--	--	--	--	--	--
Benzo(g,h,i)perylene	ug/Kg	--	--	--	--	--	--	--	--
Acenaphthylene	ug/Kg	--	--	--	--	--	--	--	--

TABLE 1
ANALYTICAL RESULTS SUMMARY - SOILS
FORMER CARBORUNDUM COMPANY
NIAGARA FALLS, NEW YORK
JUNE - JULY 1999

Sample Location:		2AVS093	2AVS094	2AVS095	2AVS096	2AVS097	2AVS098	2AVS099	2AVS124
Sample ID:		2AVS093	2AVS094	2AVS095	2AVS096	2AVS097	2AVS098	2AVS099	2AVS124
Sample Date:		06/14/1999	06/14/1999	06/14/1999	06/14/1999	06/14/1999	06/14/1999	06/15/1999	06/24/1999
Parameters	Units								
Volatile Organics									
Chloromethane	ug/Kg	60 U	64 U	62 UJ	66 U	60 U	60 U	62 U	56 U
Bromomethane	ug/Kg	60 U	64 U	62 UJ	66 U	60 U	60 U	62 U	56 U
Vinyl chloride	ug/Kg	60 U	64 U	62 UJ	66 U	60 U	60 U	62 U	56 U
Chloroethane	ug/Kg	60 U	64 U	62 UJ	66 U	60 U	60 U	62 U	56 U
Methylene chloride	ug/Kg	8 J	64 U	62 UJ	66 U	60 U	60 U	62 U	56 U
Acetone	ug/Kg	310	95	62 UJ	66 U	60 U	60 U	62 U	56 U
Carbon disulfide	ug/Kg	29 J	64 U	62 UJ	66 U	60 U	60 U	62 U	56 U
1,1-Dichloroethene	ug/Kg	8 J	64 U	62 UJ	13 J	60 U	60 U	62 U	56 U
1,1-Dichloroethane	ug/Kg	60 U	64 U	62 UJ	66 U	60 U	60 U	62 U	56 U
Vinyl acetate	ug/Kg	60 U	64 U	62 UJ	66 U	60 U	60 U	62 U	56 U
1,2-Dichloroethene total	ug/Kg	780	2400	2500	4500	59 J	180	62 U	34 J
Chloroform	ug/Kg	60 U	64 U	62 UJ	66 U	60 U	60 U	62 U	56 U
1,2-Dichloroethane	ug/Kg	60 U	64 U	62 UJ	66 U	60 U	60 U	62 U	56 U
2-Butanone	ug/Kg	130	64 U	62 UJ	66 U	60 U	60 U	62 U	56 U
1,1,1-Trichloroethane	ug/Kg	60 U	64 U	62 UJ	66 U	60 U	60 U	62 U	56 U
Carbon tetrachloride	ug/Kg	60 U	64 U	62 UJ	66 U	60 U	60 U	62 U	56 U
Bromodichloromethane	ug/Kg	60 U	64 U	62 UJ	66 U	60 U	60 U	62 U	56 U
1,2-Dichloropropane	ug/Kg	60 U	64 U	62 UJ	66 U	60 U	60 U	62 U	56 U
cis-1,3-Dichloropropene	ug/Kg	60 U	64 U	62 UJ	66 U	60 U	60 U	62 U	56 U
Trichloroethene	ug/Kg	19000	2400	180 J	590	1100	5600	24 J	340
Dibromochloromethane	ug/Kg	60 U	64 U	62 UJ	66 U	60 U	60 U	62 U	56 U
2-Chloroethylvinylether	ug/Kg	60 U	64 U	62 UJ	66 U	60 U	60 U	62 U	56 U
1,1,2-Trichloroethane	ug/Kg	60 U	64 U	62 UJ	66 U	60 U	60 U	62 U	56 U
Benzene	ug/Kg	12 J	64 U	62 UJ	66 U	60 U	60 U	62 U	56 U
trans-1,3-Dichloropropene	ug/Kg	60 U	64 U	62 UJ	66 U	60 U	60 U	62 U	56 U
Bromoform	ug/Kg	60 U	64 U	62 UJ	66 U	60 U	60 U	62 U	56 U
4-Methyl-2-pentanone	ug/Kg	590	110	62 UJ	66 U	60 U	60 U	62 U	56 U
2-Hexanone	ug/Kg	60 U	64 U	62 UJ	66 U	60 U	60 U	62 U	56 U
Tetrachloroethene	ug/Kg	60 U	64 U	62 UJ	66 U	60 U	60 U	62 U	56 U
1,1,2,2-Tetrachloroethane	ug/Kg	60 U	64 U	62 UJ	66 U	60 U	60 U	62 U	56 U
Toluene	ug/Kg	2400	140	11 J	240	60 U	60 U	62 U	56 U
Chlorobenzene	ug/Kg	60 U	64 U	62 UJ	66 U	60 U	60 U	62 U	56 U
Ethylbenzene	ug/Kg	53 J	340	94 J	9 J	60 U	60 U	62 U	56 U
Styrene	ug/Kg	60 U	64 U	62 UJ	66 U	60 U	60 U	62 U	56 U
Xylene, total	ug/Kg	240	350	300 J	14 J	60 U	60 U	62 U	28 J
1,3-Dichlorobenzene	ug/Kg	60 U	64 U	62 UJ	66 U	60 U	60 U	62 U	56 U
1,4-Dichlorobenzene	ug/Kg	60 U	64 U	62 UJ	66 U	60 U	60 U	62 U	56 U
1,2-Dichlorobenzene	ug/Kg	60 U	64 U	62 UJ	66 U	60 U	60 U	62 U	56 U
Semi-Volatile Organics									
Naphthalene	ug/Kg	--	--	--	--	--	--	--	--

TABLE 1
ANALYTICAL RESULTS SUMMARY - SOILS
FORMER CARBORUNDUM COMPANY
NIAGARA FALLS, NEW YORK
JUNE - JULY 1999

Date Printed: October 5, 1999
Time Printed: 11:02 am

Sample Location:		2AVS093	2AVS094	2AVS095	2AVS096	2AVS097	2AVS098	2AVS099	2AVS124
Sample ID:		2AVS093	2AVS094	2AVS095	2AVS096	2AVS097	2AVS098	2AVS099	2AVS124
Sample Date:		06/14/1999	06/14/1999	06/14/1999	06/14/1999	06/14/1999	06/14/1999	06/15/1999	06/24/1999
Parameters	Units								
Semi-Volatile Organics (Cont'd)									
2-Methylnaphthalene	ug/Kg	--	--	--	--	--	--	--	--
2-Chloronaphthalene	ug/Kg	--	--	--	--	--	--	--	--
Acenaphthene	ug/Kg	--	--	--	--	--	--	--	--
Fluorene	ug/Kg	--	--	--	--	--	--	--	--
Phenanthrene	ug/Kg	--	--	--	--	--	--	--	--
Anthracene	ug/Kg	--	--	--	--	--	--	--	--
Fluoranthene	ug/Kg	--	--	--	--	--	--	--	--
Pyrene	ug/Kg	--	--	--	--	--	--	--	--
Benzo(a)anthracene	ug/Kg	--	--	--	--	--	--	--	--
Chrysene	ug/Kg	--	--	--	--	--	--	--	--
Benzo(b)fluoranthene	ug/Kg	--	--	--	--	--	--	--	--
Benzo(k)fluoranthene	ug/Kg	--	--	--	--	--	--	--	--
Benzo(a)pyrene	ug/Kg	--	--	--	--	--	--	--	--
Indeno(1,2,3-cd)pyrene	ug/Kg	--	--	--	--	--	--	--	--
Dibenz(a,h)anthracene	ug/Kg	--	--	--	--	--	--	--	--
Benzo(g,h,i)perylene	ug/Kg	--	--	--	--	--	--	--	--
Acenaphthylene	ug/Kg	--	--	--	--	--	--	--	--

TABLE 1
ANALYTICAL RESULTS SUMMARY - SOILS
FORMER CARBORUNDUM COMPANY
NIAGARA FALLS, NEW YORK
JUNE - JULY 1999

Sample Location:		2AVS125	2AVS126	2AVS127	2AVS128	2AVS129	2AVS130	2AVS131	2AVS132
Sample ID:		2AVS125	2AVS126	2AVS127	2AVS128	2AVS129	2AVS130	2AVS131	2AVS132
Sample Date:		06/24/1999	06/24/1999	06/24/1999	06/24/1999	06/24/1999	06/24/1999	06/24/1999	06/24/1999
Parameters	Units								
Volatile Organics									
Chloromethane	ug/Kg	56 U	54 U	55 U	61 U	56 U	56 U	54 U	54 U
Bromomethane	ug/Kg	56 U	54 U	55 U	61 U	56 U	56 U	54 U	54 U
Vinyl chloride	ug/Kg	56 U	54 U	17 J	18 J	56 U	56 U	54 U	54 U
Chloroethane	ug/Kg	56 U	54 U	55 U	61 U	56 U	56 U	54 U	54 U
Methylene chloride	ug/Kg	56 U	54 U	55 U	61 U	56 U	56 U	5 J	6 J
Acetone	ug/Kg	56 U	54 U	55 U	61 U	56 U	56 U	54 U	5
Carbon disulfide	ug/Kg	56 U	54 U	55 U	17 J	56 U	56 U	54 U	54 U
1,1-Dichloroethene	ug/Kg	56 U	54 U	55 U	61 U	56 U	56 U	54 U	54 U
1,1-Dichloroethane	ug/Kg	56 U	54 U	55 U	61 U	56 U	56 U	54 U	54 U
Vinyl acetate	ug/Kg	56 U	54 U	55 U	61 U	56 U	56 U	54 U	54 U
1,2-Dichloroethene total	ug/Kg	92	190	440	78	240	110	71	180
Chloroform	ug/Kg	56 U	54 U	55 U	61 U	56 U	56 U	54 U	54 U
1,2-Dichloroethane	ug/Kg	56 U	54 U	55 U	61 U	56 U	56 U	54 U	54 U
2-Butanone	ug/Kg	56 U	54 U	55 U	61 U	56 U	56 U	54 U	54 U
1,1,1-Trichloroethane	ug/Kg	56 U	54 U	55 U	61 U	56 U	56 U	54 U	54 U
Carbon tetrachloride	ug/Kg	56 U	54 U	55 U	61 U	56 U	56 U	54 U	54 U
Bromodichloromethane	ug/Kg	56 U	54 U	55 U	61 U	56 U	56 U	54 U	54 U
1,2-Dichloropropane	ug/Kg	56 U	54 U	55 U	61 U	56 U	56 U	54 U	54 U
cis-1,3-Dichloropropene	ug/Kg	56 U	54 U	55 U	61 U	56 U	56 U	54 U	54 U
Trichloroethene	ug/Kg	1000	62	260	61 U	510	180	15 J	27 J
Dibromochloromethane	ug/Kg	56 U	54 U	55 U	61 U	56 U	56 U	54 U	54 U
2-Chloroethylvinylether	ug/Kg	56 U	54 U	55 U	61 U	56 U	56 U	54 U	54 U
1,1,2-Trichloroethane	ug/Kg	56 U	54 U	55 U	61 U	56 U	56 U	54 U	54 U
Benzene	ug/Kg	56 U	54 U	55 U	61 U	56 U	56 U	54 U	54 U
trans-1,3-Dichloropropene	ug/Kg	56 U	54 U	55 U	61 U	56 U	56 U	54 U	54 U
Bromoform	ug/Kg	56 U	54 U	55 U	61 U	56 U	56 U	54 U	54 U
4-Methyl-2-pentanone	ug/Kg	56 U	54 U	55 U	61 U	56 U	56 U	54 U	54 U
2-Hexanone	ug/Kg	56 U	54 U	55 U	61 U	56 U	56 U	54 U	54 U
Tetrachloroethene	ug/Kg	56 U	54 U	55 U	61 U	56 U	56 U	54 U	54 U
1,1,2,2-Tetrachloroethane	ug/Kg	56 U	54 U	55 U	61 U	56 U	56 U	54 U	54 U
Toluene	ug/Kg	9 J	8 J	55 U	61 U	56 U	56 U	54 U	54 U
Chlorobenzene	ug/Kg	56 U	54 U	55 U	61 U	56 U	56 U	54 U	54 U
Ethylbenzene	ug/Kg	6 J	7 J	55 U	61 U	56 U	56 U	54 U	54 U
Styrene	ug/Kg	56 U	54 U	55 U	61 U	56 U	56 U	54 U	54 U
Xylene, total	ug/Kg	43 J	57	8 J	61 U	56 U	10 J	43 J	6 J
1,3-Dichlorobenzene	ug/Kg	56 U	54 U	55 U	61 U	56 U	56 U	54 U	54 U
1,4-Dichlorobenzene	ug/Kg	56 U	54 U	55 U	61 U	56 U	56 U	54 U	54 U
1,2-Dichlorobenzene	ug/Kg	56 U	54 U	55 U	61 U	56 U	56 U	54 U	54 U
Semi-Volatile Organics									
Naphthalene	ug/Kg	--	--	--	--	--	--	--	--

TABLE I
ANALYTICAL RESULTS SUMMARY - SOILS
FORMER CARBORUNDUM COMPANY
NIAGARA FALLS, NEW YORK
JUNE - JULY 1999

Sample Location:		2AVS125	2AVS126	2AVS127	2AVS128	2AVS129	2AVS130	2AVS131	2AVS132
Sample ID:		2AVS125	2AVS126	2AVS127	2AVS128	2AVS129	2AVS130	2AVS131	2AVS132
Sample Date:		06/24/1999	06/24/1999	06/24/1999	06/24/1999	06/24/1999	06/24/1999	06/24/1999	06/24/1999
Parameters	Units								
Semi-Volatile Organics (Cont'd)									
2-Methylnaphthalene	ug/Kg	--	--	--	--	--	--	--	--
2-Chloronaphthalene	ug/Kg	--	--	--	--	--	--	--	--
Acenaphthene	ug/Kg	--	--	--	--	--	--	--	--
Fluorene	ug/Kg	--	--	--	--	--	--	--	--
Phenanthrene	ug/Kg	--	--	--	--	--	--	--	--
Anthracene	ug/Kg	--	--	--	--	--	--	--	--
Fluoranthene	ug/Kg	--	--	--	--	--	--	--	--
Pyrene	ug/Kg	--	--	--	--	--	--	--	--
Benzo(a)anthracene	ug/Kg	--	--	--	--	--	--	--	--
Chrysene	ug/Kg	--	--	--	--	--	--	--	--
Benzo(b)fluoranthene	ug/Kg	--	--	--	--	--	--	--	--
Benzo(k)fluoranthene	ug/Kg	--	--	--	--	--	--	--	--
Benzo(a)pyrene	ug/Kg	--	--	--	--	--	--	--	--
Indeno(1,2,3-cd)pyrene	ug/Kg	--	--	--	--	--	--	--	--
Dibenz(a,h)anthracene	ug/Kg	--	--	--	--	--	--	--	--
Benzo(g,h,i)perylene	ug/Kg	--	--	--	--	--	--	--	--
Acenaphthylene	ug/Kg	--	--	--	--	--	--	--	--

TABLE 1
ANALYTICAL RESULTS SUMMARY - SOILS
FORMER CARBORUNDUM COMPANY
NIAGARA FALLS, NEW YORK
JUNE - JULY 1999

Sample Location:		2AVS133	2AVS134	2AVS135	2AVS135	2AVS222	2AVS223	2AVS255	2BVS163
Sample ID:		2AVS133	2AVS134	2AVS135	2AVS136	2AVS222	2AVS223	2AVS255	2BVS163
Sample Date:		06/24/1999	06/24/1999	06/24/1999	06/24/1999	07/13/1999	07/13/1999	07/22/1999	07/07/1999
					Dupl.				
Parameters	Units								
Volatile Organics									
Chloromethane	ug/Kg	54 U	56 U	56 U	55 U	62 U	62 U	62 U	77 U
Bromomethane	ug/Kg	54 U	56 U	56 U	55 U	62 U	62 U	62 U	77 U
Vinyl chloride	ug/Kg	54 U	41 J	59	55 U	62 U	62 U	9 J	57 J
Chloroethane	ug/Kg	54 U	56 U	56 U	55 U	62 U	62 U	62 U	77 U
Methylene chloride	ug/Kg	6 J	6 J	6 J	55 U	62 U	62 U	62 U	77 U
Acetone	ug/Kg	54 U	56 U	56 U	55 U	62 U	62 U	62 UJ	77 U
Carbon disulfide	ug/Kg	54 U	56 U	56 U	55 U	62 U	62 U	62 U	8 J
1,1-Dichloroethene	ug/Kg	54 U	56 U	56 U	55 U	62 U	62 U	62 U	77 U
1,1-Dichloroethane	ug/Kg	54 U	56 U	56 U	55 U	62 U	62 U	62 U	77 U
Vinyl acetate	ug/Kg	54 U	56 U	56 U	55 U	62 U	62 U	62 U	77 U
1,2-Dichloroethene total	ug/Kg	620	730	1200 J	150 J	330	62 U	85	44 J
Chloroform	ug/Kg	54 U	56 U	56 U	55 U	62 U	62 U	62 U	77 U
1,2-Dichloroethane	ug/Kg	54 U	56 U	56 U	55 U	62 U	62 U	62 U	77 U
2-Butanone	ug/Kg	54 U	56 U	56 U	55 U	62 U	62 U	62 UJ	77 U
1,1,1-Trichloroethane	ug/Kg	54 U	56 U	56 U	55 U	62 U	62 U	62 U	77 U
Carbon tetrachloride	ug/Kg	54 U	56 U	56 U	55 U	62 U	62 U	62 U	77 U
Bromodichloromethane	ug/Kg	54 U	56 U	56 U	55 U	62 U	62 U	62 U	77 U
1,2-Dichloropropane	ug/Kg	54 U	56 U	56 U	55 U	62 U	62 U	62 U	77 U
cis-1,3-Dichloropropene	ug/Kg	54 U	56 U	56 U	55 U	62 U	62 U	62 U	77 U
Trichloroethene	ug/Kg	870	220	110 J	33 J	340	62 U	3700	710
Dibromochloromethane	ug/Kg	54 U	56 U	56 U	55 U	62 U	62 U	62 U	77 U
2-Chloroethylvinylether	ug/Kg	54 U	56 U	56 U	55 U	62 U	62 U	62 U	77 U
1,1,2-Trichloroethane	ug/Kg	54 U	56 U	56 U	55 U	62 U	62 U	62 U	77 U
Benzene	ug/Kg	54 U	56 U	56 U	55 U	62 U	62 U	62 U	77 U
trans-1,3-Dichloropropene	ug/Kg	54 U	56 U	56 U	55 U	62 U	62 U	62 U	77 U
Bromoform	ug/Kg	54 U	56 U	56 U	55 U	62 U	62 U	62 U	77 U
4-Methyl-2-pentanone	ug/Kg	54 U	56 U	56 U	55 U	62 U	62 U	62 U	77 U
2-Hexanone	ug/Kg	54 U	56 U	56 U	55 U	62 U	62 U	62 U	77 U
Tetrachloroethene	ug/Kg	54 U	56 U	56 U	55 U	62 U	62 U	62 U	77 U
1,1,2,2-Tetrachloroethane	ug/Kg	54 U	56 U	56 U	55 U	21 J	62 U	62 U	77 U
Toluene	ug/Kg	13 J	56 U	56 U	55 U	62 U	62 U	62 U	77 U
Chlorobenzene	ug/Kg	54 U	56 U	56 U	55 U	13 J	62 U	62 U	77 U
Ethylbenzene	ug/Kg	9 J	56 U	56 U	55 U	48 J	62 U	62 U	77 U
Styrene	ug/Kg	54 U	56 U	56 U	55 U	62 U	62 U	62 U	77 U
Xylene, total	ug/Kg	64	56 U	56 U	55 U	110	62 U	62 U	77 U
1,3-Dichlorobenzene	ug/Kg	54 U	56 U	56 U	55 U	62 U	62 U	62 U	77 U
1,4-Dichlorobenzene	ug/Kg	54 U	56 U	56 U	55 U	62 U	62 U	62 U	77 U
1,2-Dichlorobenzene	ug/Kg	54 U	56 U	56 U	55 U	62 U	62 U	62 U	77 U
Semi-Volatile Organics									
Naphthalene	ug/Kg	--	--	--	--	--	--	--	--

TABLE 1
ANALYTICAL RESULTS SUMMARY - SOILS
FORMER CARBORUNDUM COMPANY
NIAGARA FALLS, NEW YORK
JUNE - JULY 1999

Sample Location:		2AVS133	2AVS134	2AVS135	2AVS135	2AVS222	2AVS223	2AVS255	2BVS163
Sample ID:		2AVS133	2AVS134	2AVS135	2AVS136	2AVS222	2AVS223	2AVS255	2BVS163
Sample Date:		06/24/1999	06/24/1999	06/24/1999	06/24/1999	07/13/1999	07/13/1999	07/22/1999	07/07/1999
					Dupl.				
Parameters	Units								
Semi-Volatile Organics (Cont'd)									
2-Methylnaphthalene	ug/Kg	--	--	--	--	--	--	--	--
2-Chloronaphthalene	ug/Kg	--	--	--	--	--	--	--	--
Acenaphthene	ug/Kg	--	--	--	--	--	--	--	--
Fluorene	ug/Kg	--	--	--	--	--	--	--	--
Phenanthrene	ug/Kg	--	--	--	--	--	--	--	--
Anthracene	ug/Kg	--	--	--	--	--	--	--	--
Fluoranthene	ug/Kg	--	--	--	--	--	--	--	--
Pyrene	ug/Kg	--	--	--	--	--	--	--	--
Benzo(a)anthracene	ug/Kg	--	--	--	--	--	--	--	--
Chrysene	ug/Kg	--	--	--	--	--	--	--	--
Benzo(b)fluoranthene	ug/Kg	--	--	--	--	--	--	--	--
Benzo(k)fluoranthene	ug/Kg	--	--	--	--	--	--	--	--
Benzo(a)pyrene	ug/Kg	--	--	--	--	--	--	--	--
Indeno(1,2,3-cd)pyrene	ug/Kg	--	--	--	--	--	--	--	--
Dibenz(a,h)anthracene	ug/Kg	--	--	--	--	--	--	--	--
Benzo(g,h,i)perylene	ug/Kg	--	--	--	--	--	--	--	--
Acenaphthylene	ug/Kg	--	--	--	--	--	--	--	--

TABLE 1
ANALYTICAL RESULTS SUMMARY - SOILS
FORMER CARBORUNDUM COMPANY
NIAGARA FALLS, NEW YORK
JUNE - JULY 1999

Date Printed: October 5, 1999
Time Printed: 11:02 am

Sample Location:		2BVS164	2BVS165	2BVS166	2BVS167	2BVS168	2BVS169	2BVS170	2BVS171
Sample ID:		2BVS164	2BVS165	2BVS166	2BVS167	2BVS168	2BVS169	2BVS170	2BVS171
Sample Date:		07/07/1999	07/07/1999	07/07/1999	07/08/1999	07/08/1999	07/08/1999	07/08/1999	07/08/1999
Parameters	Units								
Volatile Organics									
Chloromethane	ug/Kg	62 U	64 U	65 U	64 U	57 U	64 U	56 U	62 U
Bromomethane	ug/Kg	62 U	64 U	65 U	64 U	57 U	64 U	56 U	62 U
Vinyl chloride	ug/Kg	62 U	360	56 J	120	32 J	64 U	60	73
Chloroethane	ug/Kg	62 U	64 U	65 U	64 U	57 U	64 U	56 U	62 U
Methylene chloride	ug/Kg	62 U	64 U	65 U	64 U	57 U	64 U	56 U	62 U
Acetone	ug/Kg	62 U	64 U	65 U	64 U	57 U	64 U	56 U	62 U
Carbon disulfide	ug/Kg	62 U	27 J	47 J	64 U	57 U	64 U	56 U	62 U
1,1-Dichloroethene	ug/Kg	62 U	9 J	65 U	11 J	7 J	64 U	6 J	12 J
1,1-Dichloroethane	ug/Kg	62 U	64 U	65 U	64 U	57 U	64 U	56 U	62 U
Vinyl acetate	ug/Kg	62 U	64 U	65 U	64 U	57 U	64 U	56 U	62 U
1,2-Dichloroethene total	ug/Kg	220	2200	260	1400 J	870	480	850	1300 J
Chloroform	ug/Kg	62 U	64 U	65 U	64 U	57 U	64 U	56 U	62 U
1,2-Dichloroethane	ug/Kg	62 U	64 U	65 U	64 U	57 U	64 U	56 U	62 U
2-Butanone	ug/Kg	62 U	64 U	65 U	64 U	57 U	64 U	56 U	62 U
1,1,1-Trichloroethane	ug/Kg	62 U	64 U	65 U	64 U	57 U	64 U	56 U	62 U
Carbon tetrachloride	ug/Kg	62 U	64 U	65 U	64 U	57 U	64 U	56 U	62 U
Bromodichloromethane	ug/Kg	62 U	64 U	65 U	64 U	57 U	64 U	56 U	62 U
1,2-Dichloropropane	ug/Kg	62 U	64 U	65 U	64 U	57 U	64 U	56 U	62 U
cis-1,3-Dichloropropene	ug/Kg	62 U	64 U	65 U	64 U	57 U	64 U	56 U	62 U
Trichloroethene	ug/Kg	62 U	64 U	65 U	64 U	57 U	64 U	56 U	62 U
Dibromochloromethane	ug/Kg	810	660	940	3600	510	190	1700	3400
2-Chloroethylvinylether	ug/Kg	62 U	64 U	65 U	64 U	57 U	64 U	56 U	62 U
1,1,2-Trichloroethane	ug/Kg	62 U	64 U	65 U	64 U	57 U	64 U	56 U	62 U
Benzene	ug/Kg	62 U	64 U	65 U	64 U	57 U	64 U	56 U	62 U
trans-1,3-Dichloropropene	ug/Kg	62 U	7 J	65 U	64 U	6 J	64 U	56 U	62 U
Bromoform	ug/Kg	62 U	64 U	65 U	64 U	57 U	64 U	56 U	62 U
4-Methyl-2-pentanone	ug/Kg	62 U	64 U	65 U	64 U	57 U	64 U	56 U	62 U
2-Hexanone	ug/Kg	62 U	64 U	65 U	64 U	57 U	64 U	56 U	62 U
Tetrachloroethene	ug/Kg	62 U	64 U	65 U	64 U	57 U	64 U	56 U	62 U
1,1,2,2-Tetrachloroethane	ug/Kg	6 J	64 U	65 U	64 U	57 U	64 U	56 U	62 U
Toluene	ug/Kg	62 U	64 U	65 U	64 U	57 U	64 U	56 U	62 U
Chlorobenzene	ug/Kg	62 U	64 U	65 U	64 U	57 U	64 U	56 U	62 U
Ethylbenzene	ug/Kg	62 U	64 U	65 U	64 U	57 U	64 U	56 U	62 U
Styrene	ug/Kg	62 U	64 U	65 U	64 U	57 U	64 U	56 U	62 U
Xylene, total	ug/Kg	62 U	64 U	65 U	64 U	57 U	64 U	56 U	62 U
1,3-Dichlorobenzene	ug/Kg	62 U	64 U	65 U	64 U	57 U	64 U	56 U	62 U
1,4-Dichlorobenzene	ug/Kg	62 U	64 U	65 U	64 U	57 U	64 U	56 U	62 U
1,2-Dichlorobenzene	ug/Kg	62 U	64 U	65 U	64 U	57 U	64 U	56 U	62 U
Semi-Volatile Organics									
Naphthalene	ug/Kg	--	--	--	--	--	--	--	--

TABLE 1
ANALYTICAL RESULTS SUMMARY - SOILS
FORMER CARBORUNDUM COMPANY
NIAGARA FALLS, NEW YORK
JUNE - JULY 1999

Sample Location:		2BVS164	2BVS165	2BVS166	2BVS167	2BVS168	2BVS169	2BVS170	2BVS171
Sample ID:		2BVS164	2BVS165	2BVS166	2BVS167	2BVS168	2BVS169	2BVS170	2BVS171
Sample Date:		07/07/1999	07/07/1999	07/07/1999	07/08/1999	07/08/1999	07/08/1999	07/08/1999	07/08/1999
Parameters	Units								
Semi-Volatile Organics (Cont'd)									
2-Methylnaphthalene	ug/Kg	--	--	--	--	--	--	--	--
2-Chloronaphthalene	ug/Kg	--	--	--	--	--	--	--	--
Acenaphthene	ug/Kg	--	--	--	--	--	--	--	--
Fluorene	ug/Kg	--	--	--	--	--	--	--	--
Phenanthrene	ug/Kg	--	--	--	--	--	--	--	--
Anthracene	ug/Kg	--	--	--	--	--	--	--	--
Fluoranthene	ug/Kg	--	--	--	--	--	--	--	--
Pyrene	ug/Kg	--	--	--	--	--	--	--	--
Benzo(a)anthracene	ug/Kg	--	--	--	--	--	--	--	--
Chrysene	ug/Kg	--	--	--	--	--	--	--	--
Benzo(b)fluoranthene	ug/Kg	--	--	--	--	--	--	--	--
Benzo(k)fluoranthene	ug/Kg	--	--	--	--	--	--	--	--
Benzo(a)pyrene	ug/Kg	--	--	--	--	--	--	--	--
Indeno(1,2,3-cd)pyrene	ug/Kg	--	--	--	--	--	--	--	--
Dibenz(a,h)anthracene	ug/Kg	--	--	--	--	--	--	--	--
Benzo(g,h,i)perylene	ug/Kg	--	--	--	--	--	--	--	--
Acenaphthylene	ug/Kg	--	--	--	--	--	--	--	--

TABLE 1
ANALYTICAL RESULTS SUMMARY - SOILS
FORMER CARBORUNDUM COMPANY
NIAGARA FALLS, NEW YORK
JUNE - JULY 1999

Sample Location:		2BVS171	2BVS243	2BVS256	2CVS176	2CVS176	2CVS178	2CVS179	2CVS180
Sample ID:		2BVS172	2BVS243	2BVS256	2CVS176	2CVS177	2CVS178	2CVS179	2CVS180
Sample Date:		07/08/1999	07/20/1999	07/22/1999	07/08/1999	07/08/1999	07/08/1999	07/08/1999	07/08/1999
		Dupl.				Dupl.			
Parameters	Units								
Volatile Organics									
Chloromethane	ug/Kg	53 U	61 U	56 U	60 U	60 U	60 U	57 U	57 U
Bromomethane	ug/Kg	53 U	61 U	56 U	60 U	60 U	60 U	57 U	57 U
Vinyl chloride	ug/Kg	74	61 U	56 U	66	17 J	60 U	25 J	57 U
Chloroethane	ug/Kg	53 U	61 U	56 U	60 U	60 U	60 U	57 U	57 U
Methylene chloride	ug/Kg	53 U	61 U	56 U	60 U	60 U	60 U	57 U	57 U
Acetone	ug/Kg	53 U	61 U	56 UJ	60 U	60 U	60 U	57 U	57 U
Carbon disulfide	ug/Kg	53 U	61 U	56 U	60 U	60 U	60 U	23 J	57 U
1,1-Dichloroethene	ug/Kg	12 J	61 U	56 U	60 U	60 U	60 U	57 U	57 U
1,1-Dichloroethane	ug/Kg	53 U	61 U	56 U	60 U	60 U	60 U	57 U	57 U
Vinyl acetate	ug/Kg	53 U	61 U	56 U	60 U	60 U	60 U	57 U	57 U
1,2-Dichloroethene total	ug/Kg	980 J	540	56 U	2700 J	980 J	220	2700	590
Chloroform	ug/Kg	53 U	61 U	56 U	60 U	60 U	60 U	57 U	57 U
1,2-Dichloroethane	ug/Kg	53 U	61 U	56 U	60 U	60 U	60 U	57 U	57 U
2-Butanone	ug/Kg	53 U	61 U	56 UJ	60 U	60 U	60 U	57 U	57 U
1,1,1-Trichloroethane	ug/Kg	53 U	61 U	56 U	60 U	60 U	60 U	57 U	57 U
Carbon tetrachloride	ug/Kg	53 U	61 U	56 U	60 U	60 U	60 U	57 U	57 U
Bromodichloromethane	ug/Kg	53 U	61 U	56 U	60 U	60 U	60 U	57 U	57 U
1,2-Dichloropropane	ug/Kg	53 U	61 U	56 U	60 U	60 U	60 U	57 U	57 U
cis-1,3-Dichloropropene	ug/Kg	53 U	61 U	56 U	60 U	60 U	60 U	57 U	57 U
Trichloroethene	ug/Kg	2700	520	490 J	530	330	390	980	590
Dibromochloromethane	ug/Kg	53 U	61 U	56 U	60 U	60 U	60 U	57 U	57 U
2-Chloroethylvinylether	ug/Kg	53 U	61 U	56 U	60 U	60 U	60 U	57 U	57 U
1,1,2-Trichloroethane	ug/Kg	53 U	61 U	56 U	60 U	60 U	60 U	57 U	57 U
Benzene	ug/Kg	53 U	61 U	56 U	60 U	60 U	60 U	57 U	57 U
trans-1,3-Dichloropropene	ug/Kg	53 U	61 U	56 U	60 U	60 U	60 U	57 U	57 U
Bromoform	ug/Kg	53 U	61 U	56 U	60 U	60 U	60 U	57 U	57 U
4-Methyl-2-pentanone	ug/Kg	53 U	61 U	56 U	60 U	60 U	60 U	57 U	57 U
2-Hexanone	ug/Kg	53 U	61 U	56 U	60 U	60 U	60 U	57 U	57 U
Tetrachloroethene	ug/Kg	53 U	61 U	56 U	60 U	60 U	60 U	57 U	57 U
1,1,2,2-Tetrachloroethane	ug/Kg	53 U	61 U	56 U	60 U	60 U	60 U	57 U	57 U
Toluene	ug/Kg	53 U	61 U	56 U	60 U	60 U	60 U	57 U	57 U
Chlorobenzene	ug/Kg	53 U	61 U	56 U	60 U	60 U	8 J	57 U	57 U
Ethylbenzene	ug/Kg	53 U	61 U	56 U	60 U	60 U	60 U	57 U	57 U
Styrene	ug/Kg	53 U	61 U	56 U	60 U	60 U	60 U	57 U	57 U
Xylene, total	ug/Kg	53 U	61 U	56 U	60 U	60 U	60 U	57 U	57 U
1,3-Dichlorobenzene	ug/Kg	53 U	61 U	56 U	60 U	60 U	60 U	57 U	57 U
1,4-Dichlorobenzene	ug/Kg	53 U	61 U	56 U	60 U	60 U	60 U	57 U	57 U
1,2-Dichlorobenzene	ug/Kg	53 U	61 U	56 U	60 U	60 U	60 U	57 U	57 U
Semi-Volatile Organics									
Naphthalene	ug/Kg	--	--	--	--	--	--	--	--

TABLE 1
ANALYTICAL RESULTS SUMMARY - SOILS
FORMER CARBORUNDUM COMPANY
NIAGARA FALLS, NEW YORK
JUNE - JULY 1999

Sample Location:		2BVS171	2BVS243	2BVS256	2CVS176	2CVS176	2CVS178	2CVS179	2CVS180
Sample ID:		2BVS172	2BVS243	2BVS256	2CVS176	2CVS177	2CVS178	2CVS179	2CVS180
Sample Date:		07/08/1999	07/20/1999	07/22/1999	07/08/1999	07/08/1999	07/08/1999	07/08/1999	07/08/1999
		Dupl.				Dupl.			
Parameters	Units								
Semi-Volatile Organics (Cont'd)									
2-Methylnaphthalene	ug/Kg	--	--	--	--	--	--	--	--
2-Chloronaphthalene	ug/Kg	--	--	--	--	--	--	--	--
Acenaphthene	ug/Kg	--	--	--	--	--	--	--	--
Fluorene	ug/Kg	--	--	--	--	--	--	--	--
Phenanthrene	ug/Kg	--	--	--	--	--	--	--	--
Anthracene	ug/Kg	--	--	--	--	--	--	--	--
Fluoranthene	ug/Kg	--	--	--	--	--	--	--	--
Pyrene	ug/Kg	--	--	--	--	--	--	--	--
Benzo(a)anthracene	ug/Kg	--	--	--	--	--	--	--	--
Chrysene	ug/Kg	--	--	--	--	--	--	--	--
Benzo(b)fluoranthene	ug/Kg	--	--	--	--	--	--	--	--
Benzo(k)fluoranthene	ug/Kg	--	--	--	--	--	--	--	--
Benzo(a)pyrene	ug/Kg	--	--	--	--	--	--	--	--
Indeno(1,2,3-cd)pyrene	ug/Kg	--	--	--	--	--	--	--	--
Dibenz(a,h)anthracene	ug/Kg	--	--	--	--	--	--	--	--
Benzo(g,h,i)perylene	ug/Kg	--	--	--	--	--	--	--	--
Acenaphthylene	ug/Kg	--	--	--	--	--	--	--	--

TABLE 1
ANALYTICAL RESULTS SUMMARY - SOILS
FORMER CARBORUNDUM COMPANY
NIAGARA FALLS, NEW YORK
JUNE - JULY 1999

Sample Location:		2CVS181	2CVS182	2CVS183	2CVS184	2CVS185	2CVS186	2CVS187	2CVS188
Sample ID:		2CVS181	2CVS182	2CVS183	2CVS184	2CVS185	2CVS186	2CVS187	2CVS188
Sample Date:		07/08/1999	07/08/1999	07/09/1999	07/09/1999	07/09/1999	07/09/1999	07/09/1999	07/09/1999
Parameters	Units								
Volatile Organics									
Chloromethane	ug/Kg	9 J	58 U	60 U	57 U	55 U	64 U	56 U	57 U
Bromomethane	ug/Kg	62 U	58 U	60 U	57 U	55 U	64 U	56 U	57 U
Vinyl chloride	ug/Kg	37 J	58 U	29 J	57 U	55 U	64 U	25 J	37 J
Chloroethane	ug/Kg	62 U	58 U	60 U	57 U	55 U	64 U	56 U	57 U
Methylene chloride	ug/Kg	62 U	58 U	60 U	57 U	55 U	64 U	56 U	57 U
Acetone	ug/Kg	62 U	58 U	60 U	57 U	55 U	64 U	56 U	57 U
Carbon disulfide	ug/Kg	9 J	58 U	60 U	57 U	55 U	64 U	56 U	57 U
1,1-Dichloroethene	ug/Kg	62 U	58 U	60 U	57 U	55 U	25 J	16 J	27 J
1,1-Dichloroethane	ug/Kg	62 U	58 U	60 U	57 U	55 U	64 U	56 U	57 U
Vinyl acetate	ug/Kg	62 U	58 U	60 U	57 U	55 U	64 U	56 U	57 U
1,2-Dichloroethene total	ug/Kg	62 U	520	720	280	22 J	360	2400	1300 J
Chloroform	ug/Kg	62 U	58 U	60 U	57 U	55 U	64 U	56 U	57 U
1,2-Dichloroethane	ug/Kg	62 U	58 U	60 U	57 U	55 U	64 U	56 U	57 U
2-Butanone	ug/Kg	62 U	58 U	60 U	57 U	55 U	64 U	56 U	57 U
1,1,1-Trichloroethane	ug/Kg	62 U	58 U	60 U	57 U	55 U	64 U	56 U	57 U
Carbon tetrachloride	ug/Kg	62 U	58 U	60 U	57 U	55 U	64 U	56 U	57 U
Bromodichloromethane	ug/Kg	62 U	58 U	60 U	57 U	55 U	64 U	56 U	57 U
1,2-Dichloropropane	ug/Kg	62 U	58 U	60 U	57 U	55 U	64 U	56 U	57 U
cis-1,3-Dichloropropene	ug/Kg	62 U	58 U	60 U	57 U	55 U	64 U	2 J	57 U
Trichloroethene	ug/Kg	62 U	330	43 J	81	15 J	50 J	1100 J	9300
Dibromochloromethane	ug/Kg	62 U	58 U	60 U	57 U	55 U	64 U	56 U	57 U
2-Chloroethylvinylether	ug/Kg	62 U	58 U	60 U	57 U	55 U	64 U	56 U	57 U
1,1,2-Trichloroethane	ug/Kg	62 U	58 U	60 U	57 U	55 U	64 U	56 U	57 U
Benzene	ug/Kg	62 U	58 U	60 U	57 U	55 U	64 U	15 J	10 J
trans-1,3-Dichloropropene	ug/Kg	62 U	58 U	60 U	57 U	55 U	64 U	56 U	57 U
Bromoform	ug/Kg	62 U	58 U	60 U	57 U	55 U	64 U	56 U	57 U
4-Methyl-2-pentanone	ug/Kg	62 U	58 U	60 U	57 U	55 U	64 U	56 U	57 U
2-Hexanone	ug/Kg	62 U	58 U	60 U	57 U	55 U	64 U	56 U	57 U
Tetrachloroethene	ug/Kg	62 U	58 U	60 U	57 U	55 U	64 U	56 U	57 U
1,1,2,2-Tetrachloroethane	ug/Kg	62 U	58 U	60 U	57 U	55 U	64 U	56 U	57 U
Toluene	ug/Kg	62 U	58 U	60 U	57 U	55 U	64 U	56 U	57 U
Chlorobenzene	ug/Kg	62 U	58 U	60 U	57 U	55 U	14 J	33 J	7 J
Ethylbenzene	ug/Kg	62 U	58 U	47 J	10 J	55 U	79	31 J	57 U
Styrene	ug/Kg	62 U	58 U	60 U	57 U	55 U	64 U	56 U	57 U
Xylene, total	ug/Kg	62 U	58 U	6	57 U	55 U	29 J	21	57 U
1,3-Dichlorobenzene	ug/Kg	62 U	58 U	60 U	57 U	55 U	64 U	56 U	57 U
1,4-Dichlorobenzene	ug/Kg	62 U	58 U	60 U	57 U	55 U	64 U	56 U	57 U
1,2-Dichlorobenzene	ug/Kg	62 U	58 U	60 U	57 U	55 U	7 J	56 U	57 U
Semi-Volatile Organics									
Naphthalene	ug/Kg	--	--	--	--	--	--	--	--

TABLE 1
ANALYTICAL RESULTS SUMMARY - SOILS
FORMER CARBORUNDUM COMPANY
NIAGARA FALLS, NEW YORK
JUNE - JULY 1999

Date Printed: October 5, 1999
Time Printed: 11:02 am

Sample Location:		2CVS181	2CVS182	2CVS183	2CVS184	2CVS185	2CVS186	2CVS187	2CVS188
Sample ID:		2CVS181	2CVS182	2CVS183	2CVS184	2CVS185	2CVS186	2CVS187	2CVS188
Sample Date:		07/08/1999	07/08/1999	07/09/1999	07/09/1999	07/09/1999	07/09/1999	07/09/1999	07/09/1999
Parameters	Units								
Semi-Volatile Organics (Cont'd)									
2-Methylnaphthalene	ug/Kg	--	--	--	--	--	--	--	--
2-Chloronaphthalene	ug/Kg	--	--	--	--	--	--	--	--
Acenaphthene	ug/Kg	--	--	--	--	--	--	--	--
Fluorene	ug/Kg	--	--	--	--	--	--	--	--
Phenanthrene	ug/Kg	--	--	--	--	--	--	--	--
Anthracene	ug/Kg	--	--	--	--	--	--	--	--
Fluoranthene	ug/Kg	--	--	--	--	--	--	--	--
Pyrene	ug/Kg	--	--	--	--	--	--	--	--
Benzo(a)anthracene	ug/Kg	--	--	--	--	--	--	--	--
Chrysene	ug/Kg	--	--	--	--	--	--	--	--
Benzo(b)fluoranthene	ug/Kg	--	--	--	--	--	--	--	--
Benzo(k)fluoranthene	ug/Kg	--	--	--	--	--	--	--	--
Benzo(a)pyrene	ug/Kg	--	--	--	--	--	--	--	--
Indeno(1,2,3-cd)pyrene	ug/Kg	--	--	--	--	--	--	--	--
Dibenz(a,h)anthracene	ug/Kg	--	--	--	--	--	--	--	--
Benzo(g,h,i)perylene	ug/Kg	--	--	--	--	--	--	--	--
Acenaphthylene	ug/Kg	--	--	--	--	--	--	--	--

TABLE 1
ANALYTICAL RESULTS SUMMARY - SOILS
FORMER CARBORUNDUM COMPANY
NIAGARA FALLS, NEW YORK
JUNE - JULY 1999

Date Printed: October 5, 1999
Time Printed: 11:02 am

Sample Location:		2CVS189	2CVS189	2CVS190	2CVS191	2CVS192	2DVS173	2DVS174	2DVS175
Sample ID:		2CVS189	2CVS193	2CVS190	2CVS191	2CVS192	2DVS173	2DVS174	2DVS175
Sample Date:		07/09/1999	07/09/1999 Dupl.	07/09/1999	07/09/1999	07/09/1999	07/08/1999	07/08/1999	07/08/1999
Parameters	Units								
Volatile Organics									
Chloromethane	ug/Kg	54 U	54 U	59 U	56 U	62 U	64 U	62 U	62 U
Bromomethane	ug/Kg	54 U	54 U	59 U	56 U	62 U	64 U	62 U	62 U
Vinyl chloride	ug/Kg	54 U	54 U	59 U	56 U	120	170	62 U	62 U
Chloroethane	ug/Kg	54 U	54 U	59 U	56 U	62 U	64 U	62 U	62 U
Methylene chloride	ug/Kg	54 U	54 U	59 U	56 U	62 U	64 U	62 U	62 U
Acetone	ug/Kg	54 UJ	54 U	59 UJ	56 UJ	62 U	64 U	62 U	62 U
Carbon disulfide	ug/Kg	54 U	54 U	59 U	56 U	6 J	120	62 U	62 U
1,1-Dichloroethene	ug/Kg	54 U	54 U	59 U	56 U	8 J	17 J	62 U	62 U
1,1-Dichloroethane	ug/Kg	54 U	54 U	59 U	56 U	62 U	64 U	62 U	62 U
Vinyl acetate	ug/Kg	54 U	54 U	59 U	56 U	62 U	64 U	62 U	62 U
1,2-Dichloroethene total	ug/Kg	1200	1000 J	320	760	1700	4100	62 U	64
Chloroform	ug/Kg	54 U	54 U	59 U	56 U	62 U	64 U	62 U	62 U
1,2-Dichloroethane	ug/Kg	54 U	54 U	59 U	56 U	62 U	64 U	62 U	62 U
2-Butanone	ug/Kg	54 U	54 U	59 U	56 U	62 U	64 U	62 U	62 U
1,1,1-Trichloroethane	ug/Kg	54 U	54 U	59 U	56 U	62 U	64 U	62 U	62 U
Carbon tetrachloride	ug/Kg	54 U	54 U	59 U	56 U	62 U	64 U	62 U	62 U
Bromodichloromethane	ug/Kg	54 U	54 U	59 U	56 U	62 U	64 U	62 U	62 U
1,2-Dichloropropane	ug/Kg	54 U	54 U	59 U	56 U	62 U	64 U	62 U	62 U
cis-1,3-Dichloropropene	ug/Kg	54 U	54 U	59 U	56 U	62 U	64 U	62 U	62 U
Trichloroethene	ug/Kg	900	1400	250	350	13000	21000	9 J	110
Dibromochloromethane	ug/Kg	54 U	54 U	59 U	56 U	62 U	64 U	62 U	62 U
2-Chloroethylvinylether	ug/Kg	54 U	54 U	59 U	56 U	62 U	64 U	62 U	62 U
1,1,2-Trichloroethane	ug/Kg	54 U	54 U	59 U	56 U	62 U	64 U	62 U	62 U
Benzene	ug/Kg	54 U	6 J	59 U	56 U	16 J	66	62 U	62 U
trans-1,3-Dichloropropene	ug/Kg	54 U	54 U	59 U	56 U	62 U	64 U	62 U	62 U
Bromoform	ug/Kg	54 U	54 U	59 U	56 U	62 U	64 U	62 U	62 U
4-Methyl-2-pentanone	ug/Kg	54 U	54 U	59 U	56 U	11 J	64 U	62 U	62 U
2-Hexanone	ug/Kg	54 U	54 U	59 U	56 U	62 U	64 U	62 U	62 U
Tetrachloroethene	ug/Kg	54 U	54 U	59 U	56 U	62 U	64 U	62 U	62 U
1,1,2,2-Tetrachloroethane	ug/Kg	54 U	54 U	59 U	56 U	62 U	64 U	62 U	62 U
Toluene	ug/Kg	8 J	10 J	59 U	22 J	110	190	62 U	62 U
Chlorobenzene	ug/Kg	54 U	54 U	59 U	56 U	62 U	8 J	62 U	62 U
Ethylbenzene	ug/Kg	75	87	59 U	140	350	85	62 U	62 U
Styrene	ug/Kg	54 U	54 U	59 U	56 U	62 U	64 U	62 U	62 U
Xylene, total	ug/Kg	54 U	6 J	59 U	20 J	680	180	62 U	62 U
1,3-Dichlorobenzene	ug/Kg	54 U	54 U	59 U	56 U	62 U	64 U	62 U	62 U
1,4-Dichlorobenzene	ug/Kg	54 U	54 U	59 U	56 U	62 U	64 U	62 U	62 U
1,2-Dichlorobenzene	ug/Kg	54 U	54 U	59 U	56 U	62 U	64 U	62 U	62 U
Semi-Volatile Organics									
Naphthalene	ug/Kg	--	--	--	--	--	--	--	--

TABLE 1
ANALYTICAL RESULTS SUMMARY - SOILS
FORMER CARBORUNDUM COMPANY
NIAGARA FALLS, NEW YORK
JUNE - JULY 1999

Sample Location:		2CVS189	2CVS189	2CVS190	2CVS191	2CVS192	2DVS173	2DVS174	2DVS175
Sample ID:		2CVS189	2CVS193	2CVS190	2CVS191	2CVS192	2DVS173	2DVS174	2DVS175
Sample Date:		07/09/1999	07/09/1999	07/09/1999	07/09/1999	07/09/1999	07/08/1999	07/08/1999	07/08/1999
			Dupl.						
Parameters	Units								
Semi-Volatile Organics (Cont'd)									
2-Methylnaphthalene	ug/Kg	--	--	--	--	--	--	--	--
2-Chloronaphthalene	ug/Kg	--	--	--	--	--	--	--	--
Acenaphthene	ug/Kg	--	--	--	--	--	--	--	--
Fluorene	ug/Kg	--	--	--	--	--	--	--	--
Phenanthrene	ug/Kg	--	--	--	--	--	--	--	--
Anthracene	ug/Kg	--	--	--	--	--	--	--	--
Fluoranthene	ug/Kg	--	--	--	--	--	--	--	--
Pyrene	ug/Kg	--	--	--	--	--	--	--	--
Benzo(a)anthracene	ug/Kg	--	--	--	--	--	--	--	--
Chrysene	ug/Kg	--	--	--	--	--	--	--	--
Benzo(b)fluoranthene	ug/Kg	--	--	--	--	--	--	--	--
Benzo(k)fluoranthene	ug/Kg	--	--	--	--	--	--	--	--
Benzo(a)pyrene	ug/Kg	--	--	--	--	--	--	--	--
Indeno(1,2,3-cd)pyrene	ug/Kg	--	--	--	--	--	--	--	--
Dibenz(a,h)anthracene	ug/Kg	--	--	--	--	--	--	--	--
Benzo(g,h,i)perylene	ug/Kg	--	--	--	--	--	--	--	--
Acenaphthylene	ug/Kg	--	--	--	--	--	--	--	--

TABLE 1
ANALYTICAL RESULTS SUMMARY - SOILS
FORMER CARBORUNDUM COMPANY
NIAGARA FALLS, NEW YORK
JUNE - JULY 1999

Sample Location:		2DVS237	2DVS238	2DVS238	2DVS240	2DVS241	2DVS242	2DVS244	4VS201
Sample ID:		2DVS237	2DVS238	2DVS239	2DVS240	2DVS241	2DVS242	2DVS244	4VS201
Sample Date:		07/19/1999	07/19/1999	07/19/1999	07/19/1999	07/20/1999	07/20/1999	07/20/1999	07/09/1999
				Dupl.					
Parameters	Units								
Volatile Organics									
Chloromethane	ug/Kg	66 U	64 U	63 U	60 U	54 U	62 U	60 U	60 U
Bromomethane	ug/Kg	66 U	64 U	63 U	60 U	54 U	62 U	60 U	60 U
Vinyl chloride	ug/Kg	66 U	64 U	63 U	60 U	54 U	62 U	60 U	60 U
Chloroethane	ug/Kg	66 U	64 U	63 U	60 U	54 U	62 U	60 U	60 U
Methylene chloride	ug/Kg	66 U	64 U	63 U	60 U	54 U	62 U	60 U	60 U
Acetone	ug/Kg	66 U	64 U	63 U	60 U	54 U	62 U	60 U	60 U
Carbon disulfide	ug/Kg	66 U	64 U	63 U	60 U	54 U	62 U	60 U	60 U
1,1-Dichloroethene	ug/Kg	66 U	64 U	63 U	60 U	54 U	62 U	60 U	60 U
1,1-Dichloroethane	ug/Kg	66 U	9 J	7 J	60 U	54 U	62 U	60 U	60 U
Vinyl acetate	ug/Kg	66 U	64 U	63 U	60 U	54 U	62 U	60 U	60 U
1,2-Dichloroethene total	ug/Kg	110	94	93	19 J	420	62 U	60 U	60 U
Chloroform	ug/Kg	66 U	64 U	63 U	60 U	54 U	62 U	60 U	60 U
1,2-Dichloroethane	ug/Kg	66 U	64 U	63 U	60 U	54 U	62 U	60 U	60 U
2-Butanone	ug/Kg	66 U	64 U	63 U	60 U	54 U	62 U	60 U	60 U
1,1,1-Trichloroethane	ug/Kg	66 U	64 U	63 U	60 U	54 U	62 U	60 U	60 U
Carbon tetrachloride	ug/Kg	66 U	64 U	63 U	60 U	54 U	62 U	60 U	60 U
Bromodichloromethane	ug/Kg	66 U	64 U	63 U	60 U	54 U	62 U	60 U	60 U
1,2-Dichloropropane	ug/Kg	66 U	64 U	63 U	60 U	54 U	62 U	60 U	60 U
cis-1,3-Dichloropropene	ug/Kg	66 U	64 U	63 U	60 U	54 U	62 U	60 U	60 U
Trichloroethene	ug/Kg	200	200	260	42 J	21 J	62 U	60 U	60 U
Dibromochloromethane	ug/Kg	66 U	64 U	63 U	60 U	54 U	62 U	60 U	60 U
2-Chloroethylvinylether	ug/Kg	66 U	64 U	63 U	60 U	54 U	62 U	60 U	60 U
1,1,2-Trichloroethane	ug/Kg	66 U	64 U	63 U	60 U	54 U	62 U	60 U	60 U
Benzene	ug/Kg	66 U	64 U	63 U	60 U	54 U	62 U	60 U	60 U
trans-1,3-Dichloropropene	ug/Kg	66 U	64 U	63 U	60 U	54 U	62 U	60 U	60 U
Bromoform	ug/Kg	66 U	64 U	63 U	60 U	54 U	62 U	60 U	60 U
4-Methyl-2-pentanone	ug/Kg	66 U	64 U	63 U	60 U	54 U	62 U	60 U	60 U
2-Hexanone	ug/Kg	66 U	64 U	63 U	60 U	54 U	62 U	60 U	60 U
Tetrachloroethene	ug/Kg	66 U	64 U	63 U	60 U	54 U	62 U	60 U	60 U
1,1,2,2-Tetrachloroethane	ug/Kg	66 U	64 U	63 U	60 U	54 U	62 U	60 U	60 U
Toluene	ug/Kg	66 U	64 U	63 U	60 U	54 U	62 U	60 U	60 U
Chlorobenzene	ug/Kg	66 U	64 U	63 U	60 U	54 U	62 U	60 U	60 U
Ethylbenzene	ug/Kg	66 U	7 J	63 U	60 U	54 U	62 U	60 U	60 U
Styrene	ug/Kg	66 U	64 U	63 U	60 U	54 U	62 U	60 U	60 U
Xylene, total	ug/Kg	66 U	60 J	18 J	60 U	54 U	62 U	60 U	60 U
1,3-Dichlorobenzene	ug/Kg	66 U	64 U	63 U	60 U	54 U	62 U	60 U	60 U
1,4-Dichlorobenzene	ug/Kg	66 U	64 U	63 U	60 U	54 U	62 U	60 U	60 U
1,2-Dichlorobenzene	ug/Kg	66 U	64 U	63 U	60 U	54 U	62 U	60 U	60 U
Semi-Volatile Organics									
Naphthalene	ug/Kg	--	--	--	--	--	--	--	--

TABLE I
ANALYTICAL RESULTS SUMMARY - SOILS
FORMER CARBORUNDUM COMPANY
NIAGARA FALLS, NEW YORK
JUNE - JULY 1999

Sample Location:		2DVS237	2DVS238	2DVS238	2DVS240	2DVS241	2DVS242	2DVS244	4VS201
Sample ID:		2DVS237	2DVS238	2DVS239	2DVS240	2DVS241	2DVS242	2DVS244	4VS201
Sample Date:		07/19/1999	07/19/1999	07/19/1999	07/19/1999	07/20/1999	07/20/1999	07/20/1999	07/09/1999
				Dupl.					
Parameters	Units								
Semi-Volatile Organics (Cont'd)									
2-Methylnaphthalene	ug/Kg	--	--	--	--	--	--	--	--
2-Chloronaphthalene	ug/Kg	--	--	--	--	--	--	--	--
Acenaphthene	ug/Kg	--	--	--	--	--	--	--	--
Fluorene	ug/Kg	--	--	--	--	--	--	--	--
Phenanthrene	ug/Kg	--	--	--	--	--	--	--	--
Anthracene	ug/Kg	--	--	--	--	--	--	--	--
Fluoranthene	ug/Kg	--	--	--	--	--	--	--	--
Pyrene	ug/Kg	--	--	--	--	--	--	--	--
Benzo(a)anthracene	ug/Kg	--	--	--	--	--	--	--	--
Chrysene	ug/Kg	--	--	--	--	--	--	--	--
Benzo(b)fluoranthene	ug/Kg	--	--	--	--	--	--	--	--
Benzo(k)fluoranthene	ug/Kg	--	--	--	--	--	--	--	--
Benzo(a)pyrene	ug/Kg	--	--	--	--	--	--	--	--
Indeno(1,2,3-cd)pyrene	ug/Kg	--	--	--	--	--	--	--	--
Dibenz(a,h)anthracene	ug/Kg	--	--	--	--	--	--	--	--
Benzo(g,h,i)perylene	ug/Kg	--	--	--	--	--	--	--	--
Acenaphthylene	ug/Kg	--	--	--	--	--	--	--	--

TABLE 1
ANALYTICAL RESULTS SUMMARY - SOILS
FORMER CARBORUNDUM COMPANY
NIAGARA FALLS, NEW YORK
JUNE - JULY 1999

Sample Location:		4VS202	4VS203	4VS204	4VS205	4VS205	4VS206	5VS194	5VS195
Sample ID:		4VS202	4VS203	4VS204	4VS205	4VS207	4VS206	5VS194	5VS195
Sample Date:		07/09/1999	07/09/1999	07/09/1999	07/09/1999	07/09/1999	07/09/1999	07/09/1999	07/09/1999
						Dupl.			
Parameters	Units								
Volatile Organics									
Chloromethane	ug/Kg	60 U	60 U	60 U	60 U	60 U	61 U	59 U	53 U
Bromomethane	ug/Kg	60 U	60 U	60 U	60 U	60 U	61 U	59 U	53 U
Vinyl chloride	ug/Kg	60 U	60 U	60 U	60 U	60 U	61 U	59 U	53 U
Chloroethane	ug/Kg	60 U	60 U	60 U	60 U	60 U	61 U	59 U	53 U
Methylene chloride	ug/Kg	60 U	60 U	60 U	60 U	60 U	61 U	59 U	53 U
Acetone	ug/Kg	60 U	60 U	120	60 U	60 U	61 U	59 U	53 U
Carbon disulfide	ug/Kg	60 U	60 U	60 U	60 U	60 U	61 U	59 U	53 U
1,1-Dichloroethene	ug/Kg	60 U	60 U	60 U	60 U	60 U	61 U	59 U	53 U
1,1-Dichloroethane	ug/Kg	60 U	60 U	60 U	60 U	60 U	61 U	59 U	53 U
Vinyl acetate	ug/Kg	60 U	60 U	60 U	60 U	60 U	61 U	59 U	53 U
1,2-Dichloroethene total	ug/Kg	60 U	60 U	60 U	60 U	60 U	61 U	59 U	53 U
Chloroform	ug/Kg	60 U	60 U	60 U	60 U	60 U	61 U	59 U	53 U
1,2-Dichloroethane	ug/Kg	60 U	60 U	60 U	60 U	60 U	61 U	59 U	53 U
2-Butanone	ug/Kg	60 U	60 U	60 U	60 U	60 U	61 U	59 U	53 U
1,1,1-Trichloroethane	ug/Kg	60 U	60 U	60 U	60 U	60 U	61 U	59 U	53 U
Carbon tetrachloride	ug/Kg	60 U	60 U	60 U	60 U	60 U	61 U	59 U	53 U
Bromodichloromethane	ug/Kg	60 U	60 U	60 U	60 U	60 U	61 U	59 U	53 U
1,2-Dichloropropane	ug/Kg	60 U	60 U	60 U	60 U	60 U	61 U	59 U	53 U
cis-1,3-Dichloropropene	ug/Kg	60 U	60 U	60 U	60 U	60 U	61 U	59 U	53 U
Trichloroethene	ug/Kg	60 U	60 U	60 U	60 U	60 U	61 U	59 U	53 U
Dibromochloromethane	ug/Kg	60 U	60 U	60 U	60 U	60 U	61 U	59 U	53 U
2-Chloroethylvinylether	ug/Kg	60 U	60 U	60 U	60 U	60 U	61 U	59 U	53 U
1,1,2-Trichloroethane	ug/Kg	60 U	60 U	60 U	60 U	60 U	61 U	59 U	53 U
Benzene	ug/Kg	60 U	60 U	60 U	60 U	60 U	61 U	59 U	53 U
trans-1,3-Dichloropropene	ug/Kg	60 U	60 U	60 U	60 U	60 U	61 U	59 U	53 U
Bromoform	ug/Kg	60 U	60 U	60 U	60 U	60 U	61 U	59 U	53 U
4-Methyl-2-pentanone	ug/Kg	60 U	60 U	60 U	60 U	60 U	61 U	59 U	53 U
2-Hexanone	ug/Kg	60 U	60 U	60 U	60 U	60 U	61 U	59 U	53 U
Tetrachloroethene	ug/Kg	60 U	60 U	60 U	60 U	60 U	61 U	59 U	53 U
1,1,2,2-Tetrachloroethane	ug/Kg	60 U	60 U	60 U	60 U	60 U	61 U	59 U	53 U
Toluene	ug/Kg	60 U	60 U	60 U	60 U	60 U	61 U	59 U	53 U
Chlorobenzene	ug/Kg	60 U	60 U	60 U	60 U	60 U	61 U	59 U	53 U
Ethylbenzene	ug/Kg	60 U	60 U	60 U	60 U	60 U	61 U	59 U	53 U
Styrene	ug/Kg	60 U	60 U	60 U	60 U	60 U	61 U	59 U	53 U
Xylene, total	ug/Kg	60 U	60 U	60 U	60 U	60 U	61 U	59 U	53 U
1,3-Dichlorobenzene	ug/Kg	60 U	60 U	60 U	60 U	60 U	61 U	59 U	53 U
1,4-Dichlorobenzene	ug/Kg	60 U	60 U	60 U	60 U	60 U	61 U	59 U	53 U
1,2-Dichlorobenzene	ug/Kg	60 U	60 U	60 U	60 U	60 U	61 U	59 U	53 U
Semi-Volatile Organics									
Naphthalene	ug/Kg	--	--	--	--	--	--	--	--

TABLE 1
ANALYTICAL RESULTS SUMMARY - SOILS
FORMER CARBORUNDUM COMPANY
NIAGARA FALLS, NEW YORK
JUNE - JULY 1999

Sample Location:		4VS202	4VS203	4VS204	4VS205	4VS205	4VS206	5VS194	5VS195
Sample ID:		4VS202	4VS203	4VS204	4VS205	4VS207	4VS206	5VS194	5VS195
Sample Date:		07/09/1999	07/09/1999	07/09/1999	07/09/1999	07/09/1999	07/09/1999	07/09/1999	07/09/1999
						Dupl.			
Parameters	Units								
Semi-Volatile Organics (Cont'd)									
2-Methylnaphthalene	ug/Kg	--	--	--	--	--	--	--	--
2-Chloronaphthalene	ug/Kg	--	--	--	--	--	--	--	--
Acenaphthene	ug/Kg	--	--	--	--	--	--	--	--
Fluorene	ug/Kg	--	--	--	--	--	--	--	--
Phenanthrene	ug/Kg	--	--	--	--	--	--	--	--
Anthracene	ug/Kg	--	--	--	--	--	--	--	--
Fluoranthene	ug/Kg	--	--	--	--	--	--	--	--
Pyrene	ug/Kg	--	--	--	--	--	--	--	--
Benzo(a)anthracene	ug/Kg	--	--	--	--	--	--	--	--
Chrysene	ug/Kg	--	--	--	--	--	--	--	--
Benzo(b)fluoranthene	ug/Kg	--	--	--	--	--	--	--	--
Benzo(k)fluoranthene	ug/Kg	--	--	--	--	--	--	--	--
Benzo(a)pyrene	ug/Kg	--	--	--	--	--	--	--	--
Indeno(1,2,3-cd)pyrene	ug/Kg	--	--	--	--	--	--	--	--
Dibenz(a,h)anthracene	ug/Kg	--	--	--	--	--	--	--	--
Benzo(g,h,i)perylene	ug/Kg	--	--	--	--	--	--	--	--
Acenaphthylene	ug/Kg	--	--	--	--	--	--	--	--

TABLE 1
ANALYTICAL RESULTS SUMMARY - SOILS
FORMER CARBORUNDUM COMPANY
NIAGARA FALLS, NEW YORK
JUNE - JULY 1999

Sample Location:		5VS196	5VS197	5VS198	5VS198	BF003	SP006
Sample ID:		5VS196	5VS197	5VS198	5VS200	BF003	SP006
Sample Date:		07/09/1999	07/09/1999	07/09/1999	07/09/1999	07/12/1999	06/24/1999
					Dupl.		
Parameters	Units						
Volatile Organics							
Chloromethane	ug/Kg	56 U	60 U	53 U	54 U	58 U	60 U
Bromomethane	ug/Kg	56 U	60 U	53 U	54 U	58 U	60 U
Vinyl chloride	ug/Kg	56 U	60 U	53 U	54 U	58 U	170
Chloroethane	ug/Kg	56 U	60 U	53 U	54 U	58 U	60 U
Methylene chloride	ug/Kg	56 U	60 U	53 U	54 U	58 U	7 J
Acetone	ug/Kg	56 U	60 U	53 U	54 U	190	140 U
Carbon disulfide	ug/Kg	56 U	60 U	53 U	54 U	58 U	60 U
1,1-Dichloroethene	ug/Kg	56 U	60 U	53 U	54 U	58 U	11 J
1,1-Dichloroethane	ug/Kg	56 U	60 U	53 U	54 U	58 U	60 U
Vinyl acetate	ug/Kg	56 U	60 U	53 U	54 U	58 U	60 U
1,2-Dichloroethene total	ug/Kg	12 J	60 U	53 U	54 U	58 U	120000 J
Chloroform	ug/Kg	56 U	60 U	53 U	54 U	58 U	60 U
1,2-Dichloroethane	ug/Kg	56 U	60 U	53 U	54 U	58 U	60 U
2-Butanone	ug/Kg	56 U	60 U	53 U	54 U	58 U	60 U
1,1,1-Trichloroethane	ug/Kg	56 U	60 U	53 U	54 U	58 U	60 U
Carbon tetrachloride	ug/Kg	56 U	60 U	53 U	54 U	58 U	60 U
Bromodichloromethane	ug/Kg	56 U	60 U	53 U	54 U	58 U	60 U
1,2-Dichloropropane	ug/Kg	56 U	60 U	53 U	54 U	58 U	60 U
cis-1,3-Dichloropropene	ug/Kg	56 U	60 U	53 U	54 U	58 U	60 U
Trichloroethene	ug/Kg	56 U	60 U	53 U	54 U	58 U	60 U
Dibromochloromethane	ug/Kg	56 U	60 U	53 U	54 U	58 U	2700000
2-Chloroethylvinylether	ug/Kg	56 U	60 U	53 U	54 U	58 U	60 U
1,1,2-Trichloroethane	ug/Kg	56 U	60 U	53 U	54 U	58 U	60 U
Benzene	ug/Kg	56 U	60 U	53 U	54 U	58 U	60 U
trans-1,3-Dichloropropene	ug/Kg	56 U	60 U	53 U	54 U	58 U	30 J
Bromoform	ug/Kg	56 U	60 U	53 U	54 U	58 U	60 U
4-Methyl-2-pentanone	ug/Kg	56 U	60 U	53 U	54 U	58 U	60 U
2-Hexanone	ug/Kg	56 U	60 U	53 U	54 U	58 U	310
Tetrachloroethene	ug/Kg	56 U	60 U	53 U	54 U	58 U	60 U
1,1,2,2-Tetrachloroethane	ug/Kg	56 U	60 U	53 U	54 U	58 U	9 J
Toluene	ug/Kg	94	60 U	53 U	54 U	58 U	60 U
Chlorobenzene	ug/Kg	56 U	60 U	53 U	54 U	58 U	590000
Ethylbenzene	ug/Kg	42 J	60 U	53 U	54 U	58 U	23 J
Styrene	ug/Kg	56 U	60 U	53 U	54 U	58 U	340000
Xylene, total	ug/Kg	460	60 U	53 U	54 U	58 U	60 U
1,3-Dichlorobenzene	ug/Kg	56 U	60 U	53 U	54 U	58 U	2000000
1,4-Dichlorobenzene	ug/Kg	56 U	60 U	53 U	54 U	58 U	60 U
1,2-Dichlorobenzene	ug/Kg	56 U	60 U	53 U	54 U	58 U	60 U
Semi-Volatile Organics							
Naphthalene	ug/Kg	--	--	--	--	--	--

TABLE 1
ANALYTICAL RESULTS SUMMARY - SOILS
FORMER CARBORUNDUM COMPANY
NIAGARA FALLS, NEW YORK
JUNE - JULY 1999

Sample Location:		5VS196	5VS197	5VS198	5VS198	BF003	SP006
Sample ID:		5VS196	5VS197	5VS198	5VS200	BF003	SP006
Sample Date:		07/09/1999	07/09/1999	07/09/1999	07/09/1999	07/12/1999	06/24/1999
					Dupl.		
Parameters	Units						
Semi-Volatile Organics (Cont'd)							
2-Methylnaphthalene	ug/Kg	--	--	--	--	--	--
2-Chloronaphthalene	ug/Kg	--	--	--	--	--	--
Acenaphthene	ug/Kg	--	--	--	--	--	--
Fluorene	ug/Kg	--	--	--	--	--	--
Phenanthrene	ug/Kg	--	--	--	--	--	--
Anthracene	ug/Kg	--	--	--	--	--	--
Fluoranthene	ug/Kg	--	--	--	--	--	--
Pyrene	ug/Kg	--	--	--	--	--	--
Benzo(a)anthracene	ug/Kg	--	--	--	--	--	--
Chrysene	ug/Kg	--	--	--	--	--	--
Benzo(b)fluoranthene	ug/Kg	--	--	--	--	--	--
Benzo(k)fluoranthene	ug/Kg	--	--	--	--	--	--
Benzo(a)pyrene	ug/Kg	--	--	--	--	--	--
Indeno(1,2,3-cd)pyrene	ug/Kg	--	--	--	--	--	--
Dibenz(a,h)anthracene	ug/Kg	--	--	--	--	--	--
Benzo(g,h,i)perylene	ug/Kg	--	--	--	--	--	--
Acenaphthylene	ug/Kg	--	--	--	--	--	--

Notes

-	-	Not applicable.
U	-	Non-detect at associated value.
J	-	Associated value is estimated.
Dupl	-	Field Duplicate.

TABLE 3

SAMPLE COLLECTION AND ANALYSIS SUMMARY
FORMER CARBORUNDUM COMPANY
NIAGARA FALLS, NEW YORK
JUNE - JULY 1999

Sample ID	*Location*	*Date*	*Time*	*Analyses*	*Comments*
2CVS191	2CVS191	07/09/99	1400	VOCs	
2CVS192	2CVS192	07/09/99	1405	VOCs	
4VS201	4VS201	07/09/99	1630	VOCs	
4VS202	4VS202	07/09/99	1635	VOCs	
4VS203	4VS203	07/09/99	1640	VOCs	
4VS204	4VS204	07/09/99	1645	VOCs	
4VS205	4VS205	07/09/99	1646	VOCs	
4VS207	4VS205	07/09/99	1646	VOCs	Field Duplicate of 4VS205
4VS206	4VS206	07/09/99	1648	VOCs	
5VS194	5VS194	07/09/99	1235	VOCs	
5VS195	5VS195	07/09/99	1240	VOCs	
5VS196	5VS196	07/09/99	1355	VOCs	
5VS197	5VS197	07/09/99	1445	VOCs	
5VS198	5VS198	07/09/99	1455	VOCs	
5VS200	5VS198	07/09/99	1455	VOCs	Field Duplicate of 5VS198
Trip Blank 24	-	07/09/99	1630	VOCs	
1AVS208	1AVS208	07/12/99	1245	VOCs and PAHs	
1AVS209	1AVS209	07/12/99	1251	VOCs and PAHs	
1AVS210	1AVS210	07/12/99	1258	VOCs and PAHs	
1AVS211	1AVS211	07/12/99	1306	VOCs and PAHs	
1DVS212	1DVS212	07/12/99	1500	VOCs	
1DVS213	1DVS213	07/13/99	0815	VOCs	
1DVS214	1DVS214	07/13/99	0910	VOCs	
1DVS215	1DVS215	07/13/99	0915	VOCs	
1DVS216	1DVS216	07/13/99	1020	VOCs	
1DVS217	1DVS217	07/13/99	1040	VOCs	
1DVS218	1DVS218	07/13/99	1340	VOCs	
1DVS219	1DVS219	07/13/99	1420	VOCs	
1DVS220	1DVS220	07/13/99	1415	VOCs	
1DVS221	1DVS221	07/13/99	1545	VOCs	
2AVS222	2AVS222	07/13/99	1605	VOCs	
2AVS223	2AVS223	07/13/99	1610	VOCs	
BF003	BF003	07/12/99	1425	VOCs	
Trip Blank 25	-	07/13/99	1100	VOCs	
2DVS237	2DVS237	07/19/99	0800	VOCs	
2DVS238	2DVS238	07/19/99	1015	VOCs	
2DVS239	2DVS238	07/19/99	1015	VOCs	Field Duplicate of 2DVS238
2DVS240	2DVS240	07/19/99	1025	VOCs	
2DVS241	2DVS241	07/20/99	0755	VOCs	
2DVS242	2DVS242	07/20/99	0800	VOCs	
2BVS243	2BVS243	07/20/99	1135	VOCs	
2DVS244	2DVS244	07/20/99	1300	VOCs	
1DVS245	1DVS245	07/20/99	1505	VOCs	
Trip Blank 27	-	07/20/99	1020	VOCs	
2AVS255	2AVS255	07/22/99	1302	VOCs	
2BVS256	2BVS256	07/22/99	0917	VOCs	
Trip Blank 29	-	07/22/99	1315	VOCs	

Notes:
- Not applicable.
PAHs Polynuclear Aromatic Hydrocarbons.
VOCs Volatile Organic Compounds.

TABLE 4

QUALIFIED SAMPLE RESULTS DUE TO OUTLYING CONTINUING CALIBRATION RESULTS
FORMER CARBORUNDUM COMPANY
NIAGARA FALLS, NEW YORK
JUNE - JULY 1999

Parameter	*Compound*	*Calibration Date*	*%D*	*Associated Sample ID*	*Sample Results*	*Units*	*Qualifier*
VOCs	Acetone	07/13/99	27	2CVS189	54 U	µg/Kg	J
				2CVS190	59 U	µg/Kg	J
				2CVS191	56 U	µg/Kg	J
VOCs	Acetone	07/23/99	26	2AVS255	62 U	µg/Kg	J
				2BVS256	56 U	µg/Kg	J
VOCs	2-Butanone	07/23/99	26	2AVS255	62 U	µg/Kg	J
				2BVS256	56 U	µg/Kg	J
PAHs	Indeno(1,2,3-c,d)pyrene	07/14/99	27	1AVS210	82 J	µg/Kg	*
				1AVS211	560	µg/Kg	J
PAHs	Benzo(b)fluoranthene	07/15/99	28	1AVS208	21000	µg/Kg	J
				1AVS209	7100	µg/Kg	J

Notes:

*	Result previously qualified as estimated by laboratory.
%D	Percent Difference.
J	Associated value is estimated.
PAHs	Polynuclear Aromatic Hydrocarbons.
VOCs	Volatile Organic Compounds.

TABLE 5

QUALIFIED SAMPLE RESULTS DUE TO OUTLYING INTERNAL STANDARD (IS) RECOVERIES
FORMER CARBORUNDUM COMPANY
NIAGARA FALLS, NEW YORK
JUNE - JULY 1999

Parameter	*Internal Standards*	*Sample ID*	*IS Area Count (Percent)*	*Control Limits (Percent)*	*Analytes*	*Sample Results*	*Units*	*Qualifier*
VOCs	Bromochloromethane	2AVS095	44	50-200	Chloromethane	62 U	µg/Kg	J
					Bromomethane	62 U	µg/Kg	J
					Vinyl chloride	62 U	µg/Kg	J
					Chloroethane	62 U	µg/Kg	J
					Methylene chloride	62 U	µg/Kg	J
					Acetone	62 U	µg/Kg	J
					Carbon disulfide	62 U	µg/Kg	J
					1,1-Dichloroethene	62 U	µg/Kg	J
					1,1-Dichloroethane	62 U	µg/Kg	J
					Chloroform	62 U	µg/Kg	J
					1,2-Dichloroethane	62 U	µg/Kg	J
					2-Butanone	62 U	µg/Kg	J
					Vinyl acetate	62 U	µg/Kg	J
VOCs	1,4-Difluorobenzene	2AVS095	42	50-200	1,1,1-Trichloroethane	62 U	µg/Kg	J
					Carbon tetrachloride	62 U	µg/Kg	J
					Bromodichloromethane	62 U	µg/Kg	J
					1,2-Dichloropropane	62 U	µg/Kg	J
					cis-1,3-Dichloropropene	62 U	µg/Kg	J
					Trichloroethene	180	µg/Kg	J
					Benzene	62 U	µg/Kg	J
					Dibromochloromethane	62 U	µg/Kg	J
					2-Chloroethylvinyl ether	62 U	µg/Kg	J
					trans-1,3-Dichloropropene	62 U	µg/Kg	J
					1,1,2-Trichloroethane	62 U	µg/Kg	J
					Bromoform	62 U	µg/Kg	J

TABLE 5

QUALIFIED SAMPLE RESULTS DUE TO OUTLYING INTERNAL STANDARD (IS) RECOVERIES
FORMER CARBORUNDUM COMPANY
NIAGARA FALLS, NEW YORK
JUNE - JULY 1999

Parameter	*Internal Standards*	*Sample ID*	*IS Area Count (Percent)*	*Control Limits (Percent)*	*Analytes*	*Sample Results*	*Units*	*Qualifier*
VOCs	Chlorobenzene-d5	2AVS095	42	50-200	4-Methyl-2-pentanone	62 U	µg/Kg	J
					2-Hexanone	62 U	µg/Kg	J
					Tetrachloroethene	62 U	µg/Kg	J
					1,1,2,2-Tetrachloroethane	62 U	µg/Kg	J
					Toluene	11 J	µg/Kg	*
					Chlorobenzene	62 U	µg/Kg	J
					Ethylbenzene	94	µg/Kg	J
					Xylenes (total)	300	µg/Kg	J
					Styrene	62 U	µg/Kg	J
					1,3-Dichlorobenzene	62 U	µg/Kg	J
					1,2-Dichlorobenzene	62 U	µg/Kg	J
					1,4-Dichlorobenzene	62 U	µg/Kg	J
SVOCs	Naphthalene-d8	1AVS209	233	50-200	Naphthalene	96 J	µg/Kg	*
					2-Methylnaphthalene	76 J	µg/Kg	*
SVOCs	Acenaphthene-d10	1AVS209	245	50-200	Acenaphthene	180 J	µg/Kg	*
					Fluorene	110 J	µg/Kg	*
SVOCs	Phenanthrene-d10	1AVS209	259	50-200	Phenanthrene	1600	µg/Kg	J
					Anthracene	300 J	µg/Kg	*
					Fluoranthene	1900	µg/Kg	J
SVOCs	Perylene-d12	1AVS209	30	50-200	Benzo(k)fluoranthene	1700	µg/Kg	J
SVOCs	Naphthalene-d8	1AVS208	224	50-200	Naphthalene	370 J	µg/Kg	*
					2-Methylnaphthalene	160 J	µg/Kg	*

TABLE 5

QUALIFIED SAMPLE RESULTS DUE TO OUTLYING INTERNAL STANDARD (IS) RECOVERIES
FORMER CARBORUNDUM COMPANY
NIAGARA FALLS, NEW YORK
JUNE - JULY 1999

Parameter	*Internal Standards*	*Sample ID*	*IS Area Count (Percent)*	*Control Limits (Percent)*	*Analytes*	*Sample Results*	*Units*	*Qualifier*
SVOCs	Acenaphthene-d10	1AVS208	244	50-200	Acenaphthene	1000	µg/Kg	J
					Fluorene	760	µg/Kg	J
					Acenaphthylene	56 J	µg/Kg	*
SVOCs	Phenanthrene-d10	1AVS208	223	50-200	Anthracene	1900	µg/Kg	J
SVOCs	Perylene-d12	1AVS208	49	50-200	Benzo(k)fluoranthene	5000	µg/Kg	J
					Benzo(b)fluoranthene	21000	µg/Kg	J
					Benzo(a)pyrene	20000	µg/Kg	J
					Indeno(1,2,3-cd)pyrene	10000	µg/Kg	J
					Dibenzo(a,h)anthracene	3900 J	µg/Kg	*
					Benzo(g,h,I)perylene	14000	µg/Kg	J
SVOCs	Perylene-d12	1AVS209	46	50-200	Benzo(b)fluoranthene	7100	µg/Kg	J
					Benzo(a)pyrene	11000	µg/Kg	J
					Indeno(1,2,3-cd)pyrene	3900	µg/Kg	J
					Dibenzo(a,h)anthracene	2500	µg/Kg	J
					Benzo(g,h,I)perylene	8100	µg/Kg	J

Notes:
* Result previously qualified as estimated by laboratory.
IS Internal Standard.
J Associated value is estimated.
ND Non-detect at associated value.
SVOCs Semi-Volatile Organic Compounds.
VOCs Volatile Organic Compounds.

TABLE 6

QUALIFIED SAMPLE DATA DUE TO VARIABILITY IN FIELD DUPLICATE RESULTS
FORMER CARBORUNDUM COMPANY
NIAGARA FALLS, NEW YORK
JUNE - JULY 1999

Parameter	*Analyte*	*Original*		*Duplicate*		*RPD*	*Units*	*Qualifier*[1]
		Sample ID	*Result*	*Sample ID*	*Result*			
VOCs	1,2-Dichloroethene	2AVS135	1200	2AVS136	150	156	µg/Kg	J
VOCs	Trichloroethene	2AVS135	110	2AVS136	33J	108	µg/Kg	J
VOCs	1,2-Dichloroethene	2CVS176	2700	2CVS177	980	93	µg/Kg	J

Notes:
(1) Qualifier is associated with both samples.
J Associated value is estimated.
RPD Relative Percent Difference.
VOCs Volatile Organic Compounds.

Appendix K

Backfill Sources Acceptance Letters and Analytical Results

Duke Engineering & Services (Canada), Inc.SM
A Duke Energy Company

3075 14th Avenue, Suite 207
Markham, Ontario L3R 0G9

905 513-9400
Fax 905 513-9405

June 7, 1999

TM8097

Modern Corporation
4746 Model City Road, P.O. Box 209
Model City, NY 14107-0209
Attn: Marshall Hibbard

RE: **Backfill Sources for IRM at Former Carborundum Globar Facility, Town of Niagara, NY**

Dear Marshall,

I have reviewed the data package submitted June 1, 1999 with additional data submitted by fax June 7, 1999 regarding proposed backfill sources for the above-mentioned site. The following backfill sources were identified: 1500 James Avenue, Niagara Falls, NY; 827 Lake Road, Youngstown, NY; and Birdle Path in the Town of Lewiston.

1500 James Avenue

Soils generated during the construction of a parking lot at the golf course restaurant located near the new Niagara Falls High School on Porter Road are stockpiled at this site. Soils are classified under the USCS as SM and SC according to ASTM D-2487. A sample of soil from this source was collected and analyzed for PCBs, Pesticides, Semi-VOCs from TCL, VOCs from TCL, and TAL metals. None of the detected concentrations of are concern. This source is therefore approved for use as clean backfill at the Former Carborundum Globar Facility site.

827 Lake Road

Soils generated during the construction of a stone revetment along Lake Ontario are stockpiled at this site. Soils are classified under the USCS as SM and SC according to ASTM D-2487. A sample of soil from this source was collected and analyzed for PCBs, Pesticides, Semi-VOCs from the TCL, VOCs from the TCL, and TAL metals. None of the detected concentrations of are concern. This source is therefore approved for use as clean backfill at the Former Carborundum Globar Facility site. DE&S will examine backfill as it is brought onto the site and will collect a composite sample of the material brought on-site.

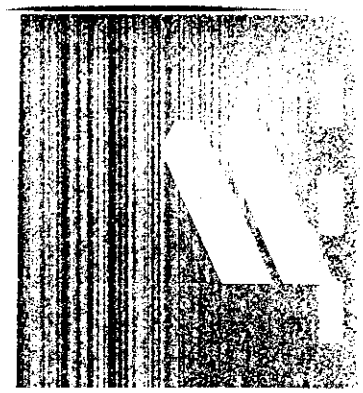
Birdle Path

Soils that will be excavated during the construction of a new building on Birdle Path in Lewiston are proposed for use as backfill from this site. Various test pits have been completed at the site and a composite soil sample was collected that represents the material to be excavated and used as backfill. Soils are classified under the USCS as SM and SC according to ASTM D-2487. A sample of soil from this source was collected and analyzed for Semi-VOCs from the TCL, VOCs from the TCL, and TAL metals. None of the detected concentrations of are concern. This source is therefore approved for use as clean backfill at the Former Carborundum Globar Facility site.

DE&S will examine and sample backfill material as it is brought on-site. Please feel free to contact me if you have any questions.

Sincerely,

Kristin E. Hanson
Senior Hydrogeologist



June 1, 1999

Kristin Hanson
Project Manager
Duke Engineering & Services
3075 14th Avenue, Suite 207
Markham, Ontario L3R OG9

Re: Backfill Materials at BP America's Former Carborundum Globar Site

As requested, Modern is to provide analytical data for the soil sources we will be using as fill materials at the above referenced site.

The primary source for soil backfill will come from stockpiled material located at 1500 James Avenue in Niagara Falls, New York. The stockpiled contains approximately 7,000 cubic yards of material and is owned by Armone Cerrone Construction. The soil was removed and transported to the site during the 1998 construction of a parking lot at the golf course restaurant located behind the new Niagara Falls High School on Porter Road. Attached is the test results from samples taken from that stockpile on 5/23/99 by Chopra Lee Inc.

The second soil source will be hauled from stockpiled material at the property located adjacent to 827 Lake Road, Youngstown, New York. The property is owned by Mr. Richard Washuta. The stockpiles were created from excess soil removed during the construction of a stone revetment along Lake Ontario (DEC permit No. GP-93-01). Construction work was completed by Modern Environmental Group, Inc.. The soil was excavated from virgin ground along the embankment of lake Ontario. Soil from this source has been utilized for general fill at the Stauffer Site Restoration Project in 1994 and last year at the Lake Ontario Ordnance Project in the Town of Porter. The stockpile consists of approximately 6000 cubic yards. Attached is the laboratory report completed for the Stauffer Site Restoration Project. The first 15 pages of that report were data for other soil materials needed for that project and have not been included here.

A third soil source, if required will be obtained from an excavation for new building construction located on Birdle Path in the Town of Lewiston. The soil excavation will include approximately 4000 cubic yards of material. The attached laboratory soil analysis completed on 4/29/99 was obtained from a composite sample from various tests pits located in the general area of the proposed excavation.

June 1, 1999

Kristin Hanson
Project Manager
Duke Engineering & Services
3075 14th Avenue, Suite 207
Markham, Ontario L3R OG9

Please review this information and contact myself or Marshall Hibbard with any comments or to arrange a visit to any of the above listed sites.

Sincerely,

Jerome J. Plewniak
Project Manager
Modern Environmental Group, Inc.

cc: M. Hinton-NYSDEC
M. Hibbard-Modern

Laboratory Report

Client: **Modern Environmental Group**
4746 Model City Road
PO Box 209
Model City, NY 14107

Attention: Jerry Plewniak

Project Reference #

Purchase Order #

Project: **Bulk Sample Analysis for S Vol, Vol, Pestacides & PCB's**
James St Pile off Highland

Laboratory Project # NY905122
Project Manager: Paul S. Chopra, Laboratory Manager
Start Date: 5/17/99
Report Date: 5/24/99

Authorized Signature ABKhan

☒ Ashraf Khan PhD., Senior Analytical Chemist
☐ Paul S. Chopra, Laboratory Manager

Analysis Results Table

Sample # / Sample Vessel - Size	Lab # / Analyte Group	Sampling Date / Method	Matrix / Analyte	Location / Comment	Analytical Sensitivity	Sample Concentration	Analysis Date
Sampled By Steve Polizzi on 5/13/99							
1	444031	5/13/99	Soil	E end of pile			
Plastic Bottle - 1 lb		PCBs in Bulk	SW 846 8082 / GC-ECD	Aroclor - 1016	0.1 mg/kg	ND	5/18/99
				Aroclor - 1221	0.1 mg/kg	ND	
				Aroclor - 1232	0.1 mg/kg	ND	
				Aroclor - 1242	0.1 mg/kg	ND	
				Aroclor - 1248	0.1 mg/kg	ND	
				Aroclor - 1254	0.1 mg/kg	ND	
				Aroclor - 1260	0.1 mg/kg	ND	
-		Pesticides in Bulk	SW 846 8081A / GC-ECD	4,4 DDD	3 ug/kg	ND	5/19/99
				4,4 DDE	3 ug/kg	ND	
				4,4 DDT	3 ug/kg	ND	
				Aldrin	3 ug/kg	ND	
				alpha BHC	3 ug/kg	ND	
				beta BHC	3 ug/kg	ND	
				Chlordane - tech.	3 ug/kg	ND	
				delta BHC	3 ug/kg	ND	
				Dieldrin	3 ug/kg	ND	

Recieved Time May-24- 2:49PM

CHOPRA-LEE Incorporated
1815 Love Road
Grand Island, NY 14072
716-773-7625 FAX 716-773-7624

ND = Not Detected

NYS DOH ELAP # 10954

Analysis Results Table

Sample # / Sample Vessel - Size	Lab #	Sampling Date / Analyte Group	Matrix / Method	Location / Comment / Analyte	Analytical Sensitivity	Sample Concentration	Analysis Date
		Pesticides in Bulk	SW 846 8081A / GC-ECD	Endosulfan I	3 ug/kg	ND	5/19/99
				Endosulfan II	3 ug/kg	ND	
				Endosulfan Sulfate	3 ug/kg	ND	
				Endrin	3 ug/kg	ND	
				Endrin Aldehyde	3 ug/kg	ND	
				Endrin Ketone	3 ug/kg	ND	
				gamma BHC	3 ug/kg	ND	
				Heptachlor	3 ug/kg	ND	
				Heptachlor epoxide	3 ug/kg	ND	
				Methoxychlor	3 ug/kg	ND	
				Toxaphene	30 ug/kg	ND	
		Semivolatiles in Bulk - TCL	SW 846 8270 / GC-MS	1,2,4-Trichlorobenzene	100 ug/kg	ND	/24/99
				1,2-Dichlorobenzene	100 ug/kg	ND	
				1,2-Diphenylhydrazine	100 ug/kg	ND	
				1,3-Dichlorobenzene	100 ug/kg	ND	
				1,4-Dichlorobenzene	100 ug/kg	ND	
				2,2'-Oxybis(1-chloropropane)	100 ug/kg	ND	
				2,4,5-Trichlorophenol	100 ug/kg	ND	
				2,4,6-Trichlorophenol	100 ug/kg	ND	
				2,4-Dichlorophenol	100 ug/kg	ND	
				2,4-Dimethylphenol	100 ug/kg	ND	
				2,4-Dinitrophenol	100 ug/kg	ND	
				2,4-Dinitrotoluene	100 ug/kg	ND	
				2-Chloronaphthalene	100 ug/kg	ND	
				2-Chlorophenol	100 ug/kg	ND	
				2-Fluorophenol	100 ug/kg	ND	
				2-Methylnaphthalene	100 ug/kg	ND	
				2-Methylphenol	100 ug/kg	ND	
				2-Nitroaniline	100 ug/kg	ND	
				2-Nitrophenol	100 ug/kg	ND	
				3,3'-Dichlorobenzidine	100 ug/kg	ND	
				3-Nitroaniline	100 ug/kg	ND	
				4,6-Dinitro-2-methyl phenol	100 ug/kg	ND	

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NYS DOH ELAP # 10954

Analysis Results Table

Sample #	Lab #	Sampling Date	Matrix	Location / Comment			
Sample Vessel - Size		Analyte Group	Method	Analyte	Analytical Sensitivity	Sample Concentration	Analysis Date
-		Semivolatiles in Bulk - TCL	SW 846 8270 / GC-MS	4-Bromophenyl phenyl ether	100 ug/kg	ND	/24/99
				4-Chloro-3-methylphenol	100 ug/kg	ND	
				4-Chloroaniline	100 ug/kg	ND	
				4-Chlorophenyl phenyl ether	100 ug/kg	ND	
				4-Methylphenol	100 ug/kg	ND	
				4-Nitroaniline	100 ug/kg	ND	
				4-Nitrophenol	100 ug/kg	ND	
				Acenaphthene	100 ug/kg	ND	
				Acenaphthylene	100 ug/kg	ND	
				Aniline	100 ug/kg	ND	
				Anthracene	100 ug/kg	ND	
				Benzidine	100 ug/kg	ND	
				Benzo(a)anthracene	100 ug/kg	ND	
				Benzo(a)pyrene	100 ug/kg	ND	
				Benzo(b)fluoranthene	100 ug/kg	ND	
				Benzo(g,h,i)perylene	100 ug/kg	ND	
				Benzo(k)fluoranthene	100 ug/kg	ND	
				Benzoic acid	100 ug/kg	ND	
				Benzyl alcohol	100 ug/kg	ND	
				Bis (2-chloroethoxy) methane	100 ug/kg	ND	
				Bis (2-chloroethyl) ether	100 ug/kg	ND	
				Bis (2-ethylhexyl) phthalate	100 ug/kg	ND	
				Butyl benzyl phthalate	100 ug/kg	ND	
				Carbazole	100 ug/kg	ND	
				Chrysene	100 ug/kg	ND	
				Dibenzo(a,h)anthracene	100 ug/kg	ND	
				Dibenzofuran	100 ug/kg	ND	
				Diethyl phthalate	100 ug/kg	ND	
				Dimethyl phthalate	100 ug/kg	ND	
				Di-n-butyl phthalate	100 ug/kg	ND	
				Di-n-octyl phthalate	100 ug/kg	ND	
				Fluoranthene	100 ug/kg	ND	
				Fluorene	100 ug/kg	ND	

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Analysis Results Table

Sample #	Lab #	Sampling Date	Matrix	Location / Comment			
Sample Vessel - Size		Analyte Group	Method	Analyte	Analytical Sensitivity	Sample Concentration	Analysis Date
		Semivolatiles in Bulk - TCL	SW 846 8270 / GC-MS	Hexachlorobenzene	100 ug/kg	ND	/24/99
				Hexachlorobutadiene	100 ug/kg	ND	
				Hexachlorocyclopentadiene	100 ug/kg	ND	
				Hexachloroethane	100 ug/kg	ND	
				Indeno(1,2,3-cd)pyrene	100 ug/kg	ND	
				Isophorone	100 ug/kg	ND	
				Napthalene	100 ug/kg	ND	
				Nitrobenzene	100 ug/kg	ND	
				N-Nitrosodimethylamine	100 ug/kg	ND	
				N-Nitroso-di-n-propylamine	100 ug/kg	ND	
				N-Nitrosodiphenylamine	100 ug/kg	ND	
				Pentachlorophenol	100 ug/kg	ND	
				Phenanthrene	100 ug/kg	ND	
				Phenol	100 ug/kg	ND	
				Pyrene	100 ug/kg	ND	
		Volatiles in Bulk - TCL	SW 846 8260 / GC-MS	1,1,1,2-Tetrachloroethane	10 ug/kg	ND	5/24/99
				1,1,1-Trichloroethane	10 ug/kg	ND	
				1,1,2,2-Tetrachloroethane	10 ug/kg	ND	
				1,1,2-Trichloroethane	10 ug/kg	ND	
				1,1-Dichloroethane	10 ug/kg	ND	
				1,1-Dichloroethene	10 ug/kg	<10.0 ug/kg	
				1,1-Dichloropropene	10 ug/kg	ND	
				1,2,3-Trichlorobenzene	10 ug/kg	ND	
				1,2,3-Trichloropropane	10 ug/kg	ND	
				1,2,4-Trichlorobenzene	10 ug/kg	ND	
				1,2,4-Trimethylbenzene	10 ug/kg	ND	
				1,2-Dibromo-3-Chloropropane	10 ug/kg	ND	
				1,2-Dibromoethane	10 ug/kg	ND	
				1,2-Dichlorobenzene	10 ug/kg	ND	
				1,2-Dichloroethane	10 ug/kg	ND	
				1,2-Dichloropropane	10 ug/kg	ND	
				1,3,5-Trimethylbenzene	10 ug/kg	ND	
				1,3-Dichlorobenzene	10 ug/kg	ND	

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Analysis Results Table

Sample #	Lab #	Sampling Date	Matrix	Location / Comment			
Sample Vessel - Size		Analyte Group	Method	Analyte	Analytical Sensitivity	Sample Concentration	Analysis Date
-		Volatiles in Bulk - TCL	SW 846 8260 / GC-MS	1,3-Dichloropropene	10 ug/kg	ND	5/24/99
				1,4-Dichlorobenzene	10 ug/kg	ND	
				2,2-Dichloropropane	10 ug/kg	ND	
				2-Chlorotoluene	10 ug/kg	ND	
				4-Chlorotoluene	10 ug/kg	ND	
				Benzene	10 ug/kg	ND	
				Bromobenzene	10 ug/kg	ND	
				Bromodichloromethane	10 ug/kg	ND	
				Bromoform	10 ug/kg	ND	
				Bromomethane	10 ug/kg	ND	
				Carbon tetrachloride	10 ug/kg	ND	
				Chlorobenzene	10 ug/kg	<10.0 ug/kg	
				Chlorodibromomethane	10 ug/kg	ND	
				Chloroethane	10 ug/kg	ND	
				Chloroform	10 ug/kg	ND	
				Chloromethane	10 ug/kg	ND	
				cis-1,2-Dichloroethene	10 ug/kg	ND	
				cis-1,3-Dichloropropene	10 ug/kg	ND	
				Dibromomethane	10 ug/kg	ND	
				Dichlorodifluoromethane	10 ug/kg	ND	
				Ethylbenzene	10 ug/kg	ND	
				Hexachlorobutadiene	10 ug/kg	ND	
				Isopropylbenzene	10 ug/kg	ND	
				M+P-Xylene	10 ug/kg	ND	
				Methylene chloride	10 ug/kg	10.8 ug/kg	
				Naphthalene	10 ug/kg	ND	
				n-Butylbenzene	10 ug/kg	ND	
				n-Propylbenzene	10 ug/kg	ND	
				o-Xylene	10 ug/kg	ND	
				p-Isopropyltoluene	10 ug/kg	ND	
				sec-Butylbenzene	10 ug/kg	ND	
				Styrene	10 ug/kg	ND	
				tert-Butylbenzene	10 ug/kg	ND	

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Analysis Results Table

Sample # / Sample Vessel	Lab # / Size	Sampling Date / Analyte Group	Matrix / Method	Location / Comment / Analyte	Analytical Sensitivity	Sample Concentration	Analysis Date
-		Volatiles in Bulk - TCL	SW 846 8260 / GC MS	Tetrachloroethene	10 ug/kg	ND	5/24/99
				Toluene	10 ug/kg	<10.0 ug/kg	
				trans-1,2-Dichloroethene	10 ug/kg	ND	
				Trans-1,3 Dichloropropene	10 ug/kg	ND	
				Trichloroethene	10 ug/kg	<10.0 ug/kg	
				Trichlorofluoromethane	10 ug/kg	ND	
end of sample # 444031				Vinyl chloride	10 ug/kg	ND	

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Analysis Results Table

Sample # / Sample Vessel - Size	Lab #	Sampling Date / Analyte Group	Matrix / Method	Location / Comment / Analyte	Analytical Sensitivity	Sample Concentration	Analysis Date
2	444032	5/13/99	Soil	S end of pile			
Clear Glass Bottle - 1 lb		PCBs in Bulk	SW 846 8082 / GC-ECD	Aroclor - 1016	0.1 mg/kg	ND	5/19/99
				Aroclor - 1221	0.1 mg/kg	ND	
				Aroclor - 1232	0.1 mg/kg	ND	
				Aroclor - 1242	0.1 mg/kg	ND	
				Aroclor - 1248	0.1 mg/kg	ND	
				Aroclor - 1254	0.1 mg/kg	ND	
				Aroclor - 1260	0.1 mg/kg	ND	
-		Pesticides in Bulk	SW 846 8081A / GC-ECD	4,4 DDD	3 ug/kg	ND	
				4,4 DDE	3 ug/kg	ND	
				4,4 DDT	3 ug/kg	ND	
				Aldrin	3 ug/kg	ND	
				alpha BHC	3 ug/kg	ND	
				beta BHC	3 ug/kg	ND	
				Chlordane - tech.	3 ug/kg	ND	
				delta BHC	3 ug/kg	ND	
				Dieldrin	3 ug/kg	ND	
				Endosulfan I	3 ug/kg	ND	
				Endosulfan II	3 ug/kg	ND	
				Endosulfan Sulfate	3 ug/kg	ND	
				Endrin	3 ug/kg	ND	
				Endrin Aldehyde	3 ug/kg	ND	
				Endrin Ketone	3 ug/kg	ND	
				gamma BHC	3 ug/kg	ND	
				Heptachlor	3 ug/kg	ND	
				Heptachlor epoxide	3 ug/kg	ND	
				Methoxychlor	3 ug/kg	ND	
				Toxaphene	30 ug/kg	ND	
		Semivolatiles in Bulk - TCL	SW 846 8270 / GC-MS	1,2,4-Trichlorobenzene	100 ug/kg	ND	5/24/99
				1,2-Dichlorobenzene	100 ug/kg	ND	
				1,2-Diphenylhydrazine	100 ug/kg	ND	
				1,3-Dichlorobenzene	100 ug/kg	ND	
				1,4-Dichlorobenzene	100 ug/kg	ND	

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Analysis Results Table

Sample #	Lab #	Sampling Date	Matrix	Location / Comment			
Sample Vessel - Size		Analyte Group	Method	Analyte	Analytical Sensitivity	Sample Concentration	Analysis Date
		Semivolatiles in Bulk - TCL	SW 846 8270 / GC-MS	2,2'-Oxybis(1-chloropropane)	100 ug/kg	ND	5/24/99
				2,4,5-Trichlorophenol	100 ug/kg	ND	
				2,4,6-Trichlorophenol	100 ug/kg	ND	
				2,4-Dichlorophenol	100 ug/kg	ND	
				2,4-Dimethylphenol	100 ug/kg	ND	
				2,4-Dinitrophenol	100 ug/kg	ND	
				2,4-Dinitrotoluene	100 ug/kg	ND	
				2-Chloronaphthalene	100 ug/kg	ND	
				2-Chlorophenol	100 ug/kg	ND	
				2-Fluorophenol	100 ug/kg	ND	
				2-Methylnaphthalene	100 ug/kg	ND	
				2-Methylphenol	100 ug/kg	ND	
				2-Nitroaniline	100 ug/kg	ND	
				2-Nitrophenol	100 ug/kg	ND	
				3,3'-Dichlorobenzidine	100 ug/kg	ND	
				3-Nitroaniline	100 ug/kg	ND	
				4,6-Dinitro-2-methyl phenol	100 ug/kg	ND	
				4-Bromophenyl phenyl ether	100 ug/kg	ND	
				4-Chloro-3-methylphenol	100 ug/kg	ND	
				4-Chloroaniline	100 ug/kg	ND	
				4-Chlorophenyl phenyl ether	100 ug/kg	ND	
				4-Methylphenol	100 ug/kg	ND	
				4-Nitroaniline	100 ug/kg	ND	
				4-Nitrophenol	100 ug/kg	ND	
				Acenaphthene	100 ug/kg	ND	
				Acenaphthylene	100 ug/kg	ND	
				Aniline	100 ug/kg	ND	
				Anthracene	100 ug/kg	ND	
				Benzidine	100 ug/kg	ND	
				Benzo(a)anthracene	100 ug/kg	ND	
				Benzo(a)pyrene	100 ug/kg	ND	
				Benzo(b)fluoranthene	100 ug/kg	ND	
				Benzo(g,h,i)perylene	100 ug/kg	ND	

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Analysis Results Table

Sample # / Sample Vessel - Size	Lab #	Sampling Date / Analyte Group	Matrix / Method	Location / Comment / Analyte	Analytical Sensitivity	Sample Concentration	Analysis Date
-		Semivolatiles in Bulk - TCL	SW 846 8270 / GC-MS	Benzo(k)fluoranthene	100 ug/kg	ND	5/24/99
				Benzoic acid	100 ug/kg	ND	
				Benzyl alcohol	100 ug/kg	ND	
				Bis (2-chloroethoxy) methane	100 ug/kg	ND	
				Bis (2-chloroethyl) ether	100 ug/kg	ND	
				Bis (2-ethylhexyl) phthalate	100 ug/kg	ND	
				Butyl benzyl phthalate	100 ug/kg	ND	
				Carbazole	100 ug/kg	ND	
				Chrysene	100 ug/kg	ND	
				Dibenzo(a,h)anthracene	100 ug/kg	ND	
				Diebenzofuran	100 ug/kg	ND	
				Diethyl phthalate	100 ug/kg	ND	
				Dimethyl phthalate	100 ug/kg	ND	
				Di-n-butyl phthalate	100 ug/kg	ND	
				Di-n-octyl phthalate	100 ug/kg	ND	
				Fluoranthene	100 ug/kg	ND	
				Fluorene	100 ug/kg	ND	
				Hexachlorobenzene	100 ug/kg	ND	
				Hexachlorobutadiene	100 ug/kg	ND	
				Hexachlorocyclopentadiene	100 ug/kg	ND	
				Hexachloroethane	100 ug/kg	ND	
				Indeno(1,2,3-cd)pyrene	100 ug/kg	ND	
				Isophorone	100 ug/kg	ND	
				Napthalene	100 ug/kg	ND	
				Nitrobenzene	100 ug/kg	ND	
				N-Nitrosodimethylamine	100 ug/kg	ND	
				N-Nitroso-di-n-propylamine	100 ug/kg	ND	
				N-Nitrosodiphenylamine	100 ug/kg	ND	
				Pentachlorophenol	100 ug/kg	ND	
				Phenanthrene	100 ug/kg	ND	
				Phenol	100 ug/kg	ND	
				Pyrene	100 ug/kg	ND	
		Volatiles in Bulk - TCL	SW 846 8260 / GC-MS	1,1,1,2-Tetrachloroethane	10 ug/kg	ND	

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Analysis Results Table

Sample #	Lab #	Sampling Date	Matrix	Location / Comment			
Sample Vessel - Size		Analyte Group	Method	Analyte	Analytical Sensitivity	Sample Concentration	Analysis Date
-		Volatiles in Bulk - TCL	SW 846 8260 / GC-MS	1,1,1-Trichloroethane	10 ug/kg	ND	5/24/99
				1,1,2,2-Tetrachloroethane	10 ug/kg	ND	
				1,1,2-Trichloroethane	10 ug/kg	ND	
				1,1-Dichloroethane	10 ug/kg	ND	
				1,1-Dichloroethene	10 ug/kg	ND	
				1,1-Dichloropropene	10 ug/kg	ND	
				1,2,3-Trichlorobenzene	10 ug/kg	ND	
				1,2,3-Trichloropropane	10 ug/kg	ND	
				1,2,4-Trichlorobenzene	10 ug/kg	ND	
				1,2,4-Trimethylbenzene	10 ug/kg	ND	
				1,2-Dibromo-3-Chloropropane	10 ug/kg	ND	
				1,2-Dibromoethane	10 ug/kg	ND	
				1,2-Dichlorobenzene	10 ug/kg	ND	
				1,2-Dichloroethane	10 ug/kg	ND	
				1,2-Dichloropropane	10 ug/kg	ND	
				1,3,5-Trimethylbenzene	10 ug/kg	ND	
				1,3-Dichlorobenzene	10 ug/kg	ND	
				1,3-Dichloropropene	10 ug/kg	ND	
				1,4-Dichlorobenzene	10 ug/kg	ND	
				2,2-Dichloropropane	10 ug/kg	ND	
				2-Chlorotoluene	10 ug/kg	ND	
				4-Chlorotoluene	10 ug/kg	ND	
				Benzene	10 ug/kg	ND	
				Bromobenzene	10 ug/kg	ND	
				Bromodichloromethane	10 ug/kg	ND	
				Bromoform	10 ug/kg	ND	
				Bromomethane	10 ug/kg	ND	
				Carbon tetrachloride	10 ug/kg	ND	
				Chlorobenzene	10 ug/kg	ND	
				Chlorodibromomethane	10 ug/kg	ND	
				Chloroethane	10 ug/kg	ND	
				Chloroform	10 ug/kg	ND	
				Chloromethane	10 ug/kg	ND	

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NYS DOH ELAP # 10954

Analysis Results Table

Sample # / Sample Vessel - Size	Lab #	Sampling Date / Analyte Group	Matrix / Method	Location / Comment / Analyte	Analytical Sensitivity	Sample Concentration	Analysis Date
-		Volatiles in Bulk - TCL	SW 846 8260 / GC-MS	cis-1,2-Dichloroethene	10 ug/kg	ND	5/24/99
				cis-1,3-Dichloropropene	10 ug/kg	ND	
				Dibromomethane	10 ug/kg	ND	
				Dichlorodifluoromethane	10 ug/kg	ND	
				Ethylbenzene	10 ug/kg	ND	
				Hexachlorobutadiene	10 ug/kg	ND	
				Isopropylbenzene	10 ug/kg	ND	
				M+P-Xylene	10 ug/kg	ND	
				Methylene chloride	10 ug/kg	<10.0 ug/kg	
				Napthalene	10 ug/kg	ND	
				n-Butylbenzene	10 ug/kg	ND	
				n-Propylbenzene	10 ug/kg	ND	
				o-Xylene	10 ug/kg	ND	
				p-Isopropyltoluene	10 ug/kg	ND	
				sec-Butylbenzene	10 ug/kg	ND	
				Styrene	10 ug/kg	ND	
				tert-Butylbenzene	10 ug/kg	ND	
				Tetrachloroethene	10 ug/kg	ND	
				Toluene	10 ug/kg	ND	
				trans-1,2-Dichloroethene	10 ug/kg	ND	
				Trans-1,3-Dichloroporpene	10 ug/kg	ND	
				Trichloroethene	10 ug/kg	ND	
				Trichlorofluoromethane	10 ug/kg	ND	
end of sample # 446032				Vinyl chloride	10 ug/kg	ND	

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NYS DOH ELAP # 10954

Analysis Results Table

Sample # / Sample Vessel - Size	Lab #	Sampling Date / Analyte Group	Matrix / Method	Location / Comment / Analyte	Analytical Sensitivity	Sample Concentration	Analysis Date
3	444033	5/13/99	Soil	NW end of pile			
Clear Glass Bottle - 1 lb		PCBs in Bulk	SW 846 8082 / GC-ECD	Aroclor - 1016	0.1 mg/kg	ND	5/19/99
				Aroclor - 1221	0.1 mg/kg	ND	
				Aroclor - 1232	0.1 mg/kg	ND	
				Aroclor - 1242	0.1 mg/kg	ND	
				Aroclor - 1248	0.1 mg/kg	ND	
				Aroclor - 1254	0.1 mg/kg	ND	
				Aroclor - 1260	0.1 mg/kg	ND	
		Pesticides in Bulk	SW 846 8081A / GC-ECD	4,4 DDD	3 ug/kg	ND	
				4,4 DDE	3 ug/kg	ND	
				4,4 DDT	3 ug/kg	ND	
				Aldrin	3 ug/kg	ND	
				alpha BHC	3 ug/kg	ND	
				beta BHC	3 ug/kg	ND	
				Chlordane - tech.	3 ug/kg	ND	
				delta BHC	3 ug/kg	ND	
				delta Chlordane	3 ug/kg	ND	
				Dieldrin	3 ug/kg	ND	
				Endosulfan I	3 ug/kg	ND	
				Endosulfan II	3 ug/kg	ND	
				Endosulfan Sulfate	3 ug/kg	ND	
				Endrin	3 ug/kg	ND	
				Endrin Aldehyde	3 ug/kg	ND	
				Endrin Ketone	3 ug/kg	ND	
				gamma BHC	3 ug/kg	ND	
				Heptachlor	3 ug/kg	ND	
				Heptachlor epoxide	3 ug/kg	ND	
				Methoxychlor	3 ug/kg	ND	
				Toxaphene	30 ug/kg	ND	
		Semivolatiles in Bulk - TCL	SW 846 8270 / GC-MS	1,2,4-Trichlorobenzene	100 ug/kg	ND	5/24/99
				1,2-Dichlorobenzene	100 ug/kg	ND	
				1,2-Diphenylhydrazine	100 ug/kg	ND	
				1,3-Dichlorobenzene	100 ug/kg	ND	

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Analysis Results Table

Sample # / Sample Vessel - Size	Lab #	Sampling Date / Analyte Group	Matrix / Method	Location / Comment / Analyte	Analytical Sensitivity	Sample Concentration	Analysis Date
-		Semivolatiles in Bulk - TCL	SW 846 8270 / GC-MS	1,4-Dichlorobenzene	100 ug/kg	ND	5/24/99
				2,2'-Oxybis(1-chloropropane)	100 ug/kg	ND	
				2,4,5-Trichlorophenol	100 ug/kg	ND	
				2,4,6-Trichlorophenol	100 ug/kg	ND	
				2,4-Dichlorophenol	100 ug/kg	ND	
				2,4-Dimethylphenol	100 ug/kg	ND	
				2,4-Dinitrophenol	100 ug/kg	ND	
				2,4-Dinitrotoluene	100 ug/kg	ND	
				2-Chloronaphthalene	100 ug/kg	ND	
				2-Chlorophenol	100 ug/kg	ND	
				2-Fluorophenol	100 ug/kg	ND	
				2-Methylnaphthalene	100 ug/kg	ND	
				2-Methylphenol	100 ug/kg	ND	
				2-Nitroaniline	100 ug/kg	ND	
				2-Nitrophenol	100 ug/kg	ND	
				3,3'-Dichlorobenzidine	100 ug/kg	ND	
				3-Nitroaniline	100 ug/kg	ND	
				4,6-Dinitro-2-methyl phenol	100 ug/kg	ND	
				4-Bromophenyl phenyl ether	100 ug/kg	ND	
				4-Chloro-3-methylphenol	100 ug/kg	ND	
				4-Chloroaniline	100 ug/kg	ND	
				4-Chlorophenyl phenyl ether	100 ug/kg	ND	
				4-Methylphenol	100 ug/kg	ND	
				4-Nitroaniline	100 ug/kg	ND	
				4-Nitrophenol	100 ug/kg	ND	
				Acenaphthene	100 ug/kg	ND	
				Acenaphthylene	100 ug/kg	ND	
				Aniline	100 ug/kg	ND	
				Anthracene	100 ug/kg	ND	
				Benzidine	100 ug/kg	ND	
				Benzo(a)anthracene	100 ug/kg	ND	
				Benzo(a)pyrene	100 ug/kg	ND	
				Benzo(b)fluoranthene	100 ug/kg	ND	

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Analysis Results Table

Sample #	Lab #	Sampling Date	Matrix	Location / Comment			
Sample Vessel - Size		Analyte Group	Method	Analyte	Analytical Sensitivity	Sample Concentration	Analysis Date
-		Semivolatiles in Bulk - TCL	SW 846 8270 / GC-MS	Benzo(g,h,i)perylene	100 ug/kg	ND	5/24/99
				Benzo(k)fluoranthene	100 ug/kg	ND	
				Benzoic acid	100 ug/kg	ND	
				Benzyl alcohol	100 ug/kg	ND	
				Bis (2-chloroethoxy) methane	100 ug/kg	ND	
				Bis (2-chloroethyl) ether	100 ug/kg	ND	
				Bis (2-ethylhexyl) phthalate	100 ug/kg	ND	
				Butyl benzyl phthalate	100 ug/kg	ND	
				Carbazole	100 ug/kg	ND	
				Chrysene	100 ug/kg	ND	
				Dibenzo(a,h)anthracene	100 ug/kg	ND	
				Dibenzofuran	100 ug/kg	ND	
				Diethyl phthalate	100 ug/kg	ND	
				Dimethyl phthalate	100 ug/kg	ND	
				Di-n-butyl phthalate	100 ug/kg	ND	
				Di-n-octyl phthalate	100 ug/kg	ND	
				Fluoranthene	100 ug/kg	ND	
				Fluorene	100 ug/kg	ND	
				Hexachlorobenzene	100 ug/kg	ND	
				Hexachlorobutadiene	100 ug/kg	ND	
				Hexachlorocyclopentadiene	100 ug/kg	ND	
				Hexachloroethane	100 ug/kg	ND	
				Indeno(1,2,3-cd)pyrene	100 ug/kg	ND	
				Isophorone	100 ug/kg	ND	
				Napthalene	100 ug/kg	ND	
				Nitrobenzene	100 ug/kg	ND	
				N-Nitrosodimethylamine	100 ug/kg	ND	
				N-Nitroso-di-n-propylamine	100 ug/kg	ND	
				N-Nitrosodiphenylamine	100 ug/kg	ND	
				Pentachlorophenol	100 ug/kg	ND	
				Phenanthrene	100 ug/kg	ND	
				Phenol	100 ug/kg	ND	
				Pyrene	100 ug/kg	ND	

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NYS DOH ELAP # 10954

Analysis Results Table

Sample # / Sample Vessel - Size	Lab #	Sampling Date / Analyte Group	Matrix / Method	Location / Comment / Analyte	Analytical Sensitivity	Sample Concentration	Analysis Date
-		Volatiles in Bulk - TCL	SW 846 8260 / GC-MS	1,1,1,2-Tetrachloroethane	10 ug/kg	ND	5/21/99
				1,1,1-Trichloroethane	10 ug/kg	ND	
				1,1,2,2-Tetrachloroethane	10 ug/kg	ND	
				1,1,2-Trichloroethane	10 ug/kg	ND	
				1,1-Dichloroethane	10 ug/kg	ND	
				1,1-Dichloroethene	10 ug/kg	ND	
				1,1-Dichloropropene	10 ug/kg	ND	
				1,2,3-Trichlorobenzene	10 ug/kg	ND	
				1,2,3-Trichloropropane	10 ug/kg	ND	
				1,2,4-Trichlorobenzene	10 ug/kg	ND	
				1,2,4-Trimethylbenzene	10 ug/kg	ND	
				1,2-Dibromo-3-Chloropropane	10 ug/kg	ND	
				1,2-Dibromoethane	10 ug/kg	ND	
				1,2-Dichlorobenzene	10 ug/kg	ND	
				1,2-Dichloroethane	10 ug/kg	ND	
				1,2-Dichloropropane	10 ug/kg	ND	
				1,3,5-Trimethylbenzene	10 ug/kg	ND	
				1,3-Dichlorobenzene	10 ug/kg	ND	
				1,3-Dichloropropene	10 ug/kg	ND	
				1,4-Dichlorobenzene	10 ug/kg	ND	
				2,2-Dichloropropane	10 ug/kg	ND	
				2-Chlorotoluene	10 ug/kg	ND	
				4-Chlorotoluene	10 ug/kg	ND	
				Benzene	10 ug/kg	ND	
				Bromobenzene	10 ug/kg	ND	
				Bromodichloromethane	10 ug/kg	ND	
				Bromoform	10 ug/kg	ND	
				Bromomethane	10 ug/kg	ND	
				Carbon tetrachloride	10 ug/kg	ND	
				Chlorobenzene	10 ug/kg	ND	
				Chlorodibromomethane	10 ug/kg	ND	
				Chloroethane	10 ug/kg	ND	
				Chloroform	10 ug/kg	ND	

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Analysis Results Table

Sample #	Lab #	Sampling Date	Matrix	Location / Comment			
Sample Vessel - Size		Analyte Group	Method	Analyte	Analytical Sensitivity	Sample Concentration	Analysis Date
-		Volatiles in Bulk - TCL	SW 846 8260 / GC-MS	Chloromethane	10 ug/kg	ND	5/21/99
				cis-1,2-Dichloroethene	10 ug/kg	ND	
				cis-1,3-Dichloropropene	10 ug/kg	ND	
				Dibromomethane	10 ug/kg	ND	
				Dichlorodifluoromethane	10 ug/kg	ND	
				Ethylbenzene	10 ug/kg	ND	
				Hexachlorobutadiene	10 ug/kg	ND	
				Isopropylbenzene	10 ug/kg	ND	
				M+P-Xylene	10 ug/kg	ND	
				Methylene chloride	10 ug/kg	31.4 ug/kg	
				Napthalene	10 ug/kg	ND	
				n-Butylbenzene	10 ug/kg	ND	
				n-Propylbenzene	10 ug/kg	ND	
				o-Xylene	10 ug/kg	ND	
				p-Isopropyltoluene	10 ug/kg	ND	
				sec-Butylbenzene	10 ug/kg	ND	
				Styrene	10 ug/kg	ND	
				tert-Butylbenzene	10 ug/kg	ND	
				Tetrachloroethene	10 ug/kg	ND	
				Toluene	10 ug/kg	ND	
				trans-1,2-Dichloroethene	10 ug/kg	ND	
				Trans-1,3-Dichloroporpene	10 ug/kg	ND	
				Trichloroethene	10 ug/kg	ND	
				Trichlorofluoromethane	10 ug/kg	ND	
end of sample # 444033				Vinyl chloride	10 ug/kg	ND	

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NYS DOH ELAP # 10954

Analysis Results Table

Sample # / Sample Vessel - Size	Lab #	Sampling Date / Analyte Group	Matrix / Method	Location / Comment / Analyte	Analytical Sensitivity	Sample Concentration	Analysis Date
4	444034	5/13/99	Soil	NE end of pile			
Clear Glass Bottle - 1 lb		PCBs in Bulk	SW 846 8082 / GC-ECD	Aroclor - 1016	0.1 mg/kg	ND	5/18/99
				Aroclor - 1221	0.1 mg/kg	ND	
				Aroclor - 1232	0.1 mg/kg	ND	
				Aroclor - 1242	0.1 mg/kg	ND	
				Aroclor - 1248	0.1 mg/kg	ND	
				Aroclor - 1254	0.1 mg/kg	ND	
				Aroclor - 1260	0.1 mg/kg	ND	
-		Pesticides in Bulk	SW 846 8081A / GC-ECD	4,4 DDD	3 ug/kg	ND	5/19/99
				4,4 DDE	3 ug/kg	ND	
				4,4 DDT	3 ug/kg	ND	
				Aldrin	3 ug/kg	ND	
				alpha BHC	3 ug/kg	ND	
				alpha Chlordane	3 ug/kg	ND	
				beta BHC	3 ug/kg	ND	
				Chlordane - TECH	3 ug/kg	ND	
				delta BHC	3 ug/kg	ND	
				Dieldrin	3 ug/kg	ND	
				Endosulfan I	3 ug/kg	ND	
				Endosulfan II	3 ug/kg	ND	
				Endosulfan Sulfate	3 ug/kg	ND	
				Endrin	3 ug/kg	ND	
				Endrin Aldehyde	3 ug/kg	ND	
				Endrin Ketone	3 ug/kg	ND	
				gamma BHC	3 ug/kg	ND	
				Heptachlor	3 ug/kg	ND	
				Heptachlor epoxide	3 ug/kg	ND	
				Methoxychlor	3 ug/kg	ND	
				Toxaphene	30 ug/kg	ND	
		Semivolatiles in Bulk - TCL	SW 846 8270 / GC-MS	1,2,4-Trichlorobenzene	100 ug/kg	ND	5/24/99
				1,2-Dichlorobenzene	100 ug/kg	ND	
				1,2-Diphenylhydrazine	100 ug/kg	ND	
				1,3-Dichlorobenzene	100 ug/kg	ND	

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Analysis Results Table

Sample # / Sample Vessel - Size	Lab # / Analyte Group	Sampling Date / Method	Matrix / Analyte	Location / Comment	Analytical Sensitivity	Sample Concentration	Analysis Date
-		Semivolatiles in Bulk - TCL	SW 846 8270 / GC-MS	1,4-Dichlorobenzene	100 ug/kg	ND	5/24/99
				2,2'-Oxybis(1-chloropropane)	100 ug/kg	ND	
				2,4,5-Trichlorophenol	100 ug/kg	ND	
				2,4,6-Trichlorophenol	100 ug/kg	ND	
				2,4-Dichlorophenol	100 ug/kg	ND	
				2,4-Dimethylphenol	100 ug/kg	ND	
				2,4-Dinitrophenol	100 ug/kg	ND	
				2,4-Dinitrotoluene	100 ug/kg	ND	
				2-Chloronaphthalene	100 ug/kg	ND	
				2-Chlorophenol	100 ug/kg	ND	
				2-Fluorophenol	100 ug/kg	ND	
				2-Methylnaphthalene	100 ug/kg	ND	
				2-Methylphenol	100 ug/kg	ND	
				2-Nitroaniline	100 ug/kg	ND	
				2-Nitrophenol	100 ug/kg	ND	
				3,3'-Dichlorobenzidine	100 ug/kg	ND	
				3-Nitroaniline	100 ug/kg	ND	
				4,6-Dinitro-2-methyl phenol	100 ug/kg	ND	
				4-Bromophenyl phenyl ether	100 ug/kg	ND	
				4-Chloro-3-methylphenol	100 ug/kg	ND	
				4-Chloroaniline	100 ug/kg	ND	
				4-Chlorophenyl phenyl ether	100 ug/kg	ND	
				4-Methylphenol	100 ug/kg	ND	
				4-Nitroaniline	100 ug/kg	ND	
				4-Nitrophenol	100 ug/kg	ND	
				Acenaphthene	100 ug/kg	ND	
				Acenaphthylene	100 ug/kg	ND	
				Aniline	100 ug/kg	ND	
				Anthracene	100 ug/kg	ND	
				Benzidine	100 ug/kg	ND	
				Benzo(a)anthracene	100 ug/kg	ND	
				Benzo(a)pyrene	100 ug/kg	ND	
				Benzo(b)fluoranthene	100 ug/kg	ND	

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Analysis Results Table

Sample # / Sample Vessel - Size	Lab #	Sampling Date / Analyte Group	Matrix / Method	Location / Comment / Analyte	Analytical Sensitivity	Sample Concentration	Analysis Date
-		Semivolatiles in Bulk - TCL	SW 846 8270 / GC-MS	Benzo(g,h,i)perylene	100 ug/kg	ND	5/24/99
				Benzo(k)fluoranthene	100 ug/kg	ND	
				Benzoic acid	100 ug/kg	ND	
				Benzyl alcohol	100 ug/kg	ND	
				Bis (2-chloroethoxy) methane	100 ug/kg	ND	
				Bis (2-chloroethyl) ether	100 ug/kg	ND	
				Bis (2-ethylhexyl) phthalate	100 ug/kg	ND	
				Butyl benzyl phthalate	100 ug/kg	ND	
				Carbazole	100 ug/kg	ND	
				Chrysene	100 ug/kg	ND	
				Dibenzo(a,h)anthracene	100 ug/kg	ND	
				Dibenzofuran	100 ug/kg	ND	
				Diethyl phthalate	100 ug/kg	ND	
				Dimethyl phthalate	100 ug/kg	ND	
				Di-n-butyl phthalate	100 ug/kg	ND	
				Di-n-octyl phthalate	100 ug/kg	ND	
				Fluoranthene	100 ug/kg	ND	
				Fluorene	100 ug/kg	ND	
				Hexachlorobenzene	100 ug/kg	ND	
				Hexachlorobutadiene	100 ug/kg	ND	
				Hexachlorocyclopentadiene	100 ug/kg	ND	
				Hexachloroethane	100 ug/kg	ND	
				Indeno(1,2,3-cd)pyrene	100 ug/kg	ND	
				Isophorone	100 ug/kg	ND	
				Napthalene	100 ug/kg	ND	
				Nitrobenzene	100 ug/kg	ND	
				N-Nitrosodimethylamine	100 ug/kg	ND	
				N-Nitroso-di-n-propylamine	100 ug/kg	ND	
				N-Nitrosodiphenylamine	100 ug/kg	ND	
				Pentachlorophenol	100 ug/kg	ND	
				Phenanthrene	100 ug/kg	ND	
				Phenol	100 ug/kg	ND	
				Pyrene	100 ug/kg	ND	

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Analysis Results Table

Sample # / Sample Vessel - Size	Lab #	Sampling Date / Analyte Group	Matrix / Method	Location / Comment / Analyte	Analytical Sensitivity	Sample Concentration	Analysis Date
-		Volatiles in Bulk - TCL	SW 846 8260 / GC-MS	1,1,1,2-Tetrachloroethane	10 ug/kg	ND	5/21/99
				1,1,1-Trichloroethane	10 ug/kg	ND	
				1,1,2,2-Tetrachloroethane	10 ug/kg	ND	
				1,1,2-Trichloroethane	10 ug/kg	ND	
				1,1-Dichloroethane	10 ug/kg	ND	
				1,1-Dichloroethene	10 ug/kg	ND	
				1,1-Dichloropropene	10 ug/kg	ND	
				1,2,3-Trichlorobenzene	10 ug/kg	ND	
				1,2,3-Trichloropropane	10 ug/kg	ND	
				1,2,4-Trichlorobenzene	10 ug/kg	ND	
				1,2,4-Trimethylbenzene	10 ug/kg	ND	
				1,2-Dibromo-3-Chloropropane	10 ug/kg	ND	
				1,2-Dibromoethane	10 ug/kg	ND	
				1,2-Dichlorobenzene	10 ug/kg	ND	
				1,2-Dichloroethane	10 ug/kg	ND	
				1,2-Dichloropropane	10 ug/kg	ND	
				1,3,5-Trimethylbenzene	10 ug/kg	ND	
				1,3-Dichlorobenzene	10 ug/kg	ND	
				1,3-Dichloropropene	10 ug/kg	ND	
				1,4-Dichlorobenzene	10 ug/kg	ND	
				2,2-Dichloropropane	10 ug/kg	ND	
				2-Chlorotoluene	10 ug/kg	ND	
				4-Chlorotoluene	10 ug/kg	ND	
				Benzene	10 ug/kg	ND	
				Bromobenzene	10 ug/kg	ND	
				Bromodichloromethane	10 ug/kg	ND	
				Bromoform	10 ug/kg	ND	
				Bromomethane	10 ug/kg	ND	
				Carbon tetrachloride	10 ug/kg	ND	
				Chlorobenzene	10 ug/kg	ND	
				Chlorodibromomethane	10 ug/kg	ND	
				Chloroethane	10 ug/kg	ND	
				Chloroform	10 ug/kg	ND	

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Analysis Results Table

Sample # / Lab # / Sampling Date / Matrix / Location / Comment	Analyte Group / Method	Analyte	Analytical Sensitivity	Sample Concentration	Analysis Date
-	Volatiles in Bulk - TCL	Chloromethane	10 ug/kg	ND	5/21/99
Sample Vessel - Size	SW 846 8260 / GC-MS	cis-1,2-Dichloroethene	10 ug/kg	ND	
		cis-1,3-Dichloropropene	10 ug/kg	ND	
		Dibromomethane	10 ug/kg	ND	
		Dichlorodifluoromethane	10 ug/kg	ND	
		Ethylbenzene	10 ug/kg	ND	
		Hexachlorobutadiene	10 ug/kg	ND	
		Isopropylbenzene	10 ug/kg	ND	
		M+P-Xylene	10 ug/kg	ND	
		Methylene chloride	10 ug/kg	14.0 ug/kg	
		Naphthalene	10 ug/kg	ND	
		n-Butylbenzene	10 ug/kg	ND	
		n-Propylbenzene	10 ug/kg	ND	
		o-Xylene	10 ug/kg	ND	
		p-Isopropyltoluene	10 ug/kg	ND	
		sec-Butylbenzene	10 ug/kg	ND	
		Styrene	10 ug/kg	ND	
		tert-Butylbenzene	10 ug/kg	ND	
		Tetrachloroethene	10 ug/kg	ND	
		Toluene	10 ug/kg	ND	
		trans-1,2-Dichloroethene	10 ug/kg	ND	
		Trans-1,3-Dichloroporpene	10 ug/kg	ND	
		Trichloroethene	10 ug/kg	ND	
		Trichlorofluoromethane	10 ug/kg	ND	
		Vinyl chloride	10 ug/kg	ND	

end of sample # 444034

These results are submitted pursuant to Chopra-Lee, Inc.'s current terms and conditions of sale, including the company's standard warranty and limitation of liability provisions. No responsibility or liability is assumed for the manner in which the results are used or interpreted. These results pertain only to the items tested. Unless notified in writing to return the samples covered by this report Chopra-Lee, Inc. will store what remains of the samples for a period of 15 days before discarding, unless otherwise required by law.

CHOPRA-LEE Incorporated
1815 Love Road
Grand Island, NY 14072
716-773-7625 FAX 716-773-7624

ND = Not Detected

NYS DOH ELAP # 10954

James St.

Laboratory Report

Client: **Modern Environmental Group**
4746 Model City Road
PO Box 209
Model City, NY 14107

Attention: Jerry Plewniak

Project Reference #

Purchase Order #

Project: **Bulk Sample Analysis for S Vol, Vol, Pesticides & PCB's**
James St Plc off Highland

Laboratory Project # NY905122
Project Manager: Paul S. Chopra, Laboratory Manager
Start Date: 5/17/99
Report Date: 6/7/99

Authorized Signature _____
☐ Peiliang Shen, Senior Analytical Chemist
☐ Paul S. Chopra, Laboratory Manager

Analysis Results Table

Sample # / Sample Vessel - Size	Lab # / Analyte Group	Sampling Date / Method	Matrix / Analyte	Location / Comment	Analytical Sensitivity	Sample Concentration	Analysis Date
Samples submitted by Modern Environmental Group on 6/2/99							
1	446958	5/13/99	Soil	E end of pile			
Clear Glass Bottle -		Metals TAL (23) - Bulk	SW 846 6010 / ICP	Aluminum	20 mg/kg	7480 mg/kg	6/3/99
				Antimony	1.3 mg/kg	<1.30 mg/kg	
				Arsenic	2.5 mg/kg	3.79 mg/kg	
				Barium	0.5 mg/kg	64.2 mg/kg	
				Beryllium	0.2 mg/kg	0.340 mg/kg	
				Cadmium	0.2 mg/kg	0.440 mg/kg	
				Calcium	3 mg/kg	31500 mg/kg	
				Chromium	0.5 mg/kg	9.93 mg/kg	
				Cobalt	0.2 mg/kg	6.49 mg/kg	
				Copper	0.5 mg/kg	14.1 mg/kg	
				Iron	1.5 mg/kg	13400 mg/kg	

Recieved Time Jun. 7. 1:09PM

CHOPRA-LEE Incorporated
1815 Love Road
Grand Island, NY 14072
716-773-7625 FAX 716-773-7624

ND = Not Detected

NYS DOH ELAP # 10954

Analysis Results Table

Sample # / Sample Vessel - Size	Lab #	Sampling Date / Analyte Group	Matrix / Method	Location / Comment / Analyte	Analytical Sensitivity	Sample Concentration	Analysis Date
Clear Glass Bottle -		Metals TAL (23) - Bulk	SW 846 6010 / ICP	Lead	1 mg/kg	5.26 mg/kg	6/3/99
				Magnesium	3 mg/kg	7970 mg/kg	
				Manganese	0.2 mg/kg	352 mg/kg	
			SW-846 7470 / CVAA	Mercury	0.02 mg/kg	0.0200 mg/kg	
			SW 846 6010 / ICP	Nickel	0.5 mg/kg	14.4 mg/kg	
				Potassium	200 mg/kg	1540 mg/kg	
				Selenium	1.3 mg/kg	<1.30 mg/kg	
				Silver	0.75 mg/kg	<0.750 mg/kg	
				Sodium	20 mg/kg	161 mg/kg	
				Thallium	1.3 mg/kg	<1.30 mg/kg	
				Vanadium	0.5 mg/kg	13.6 mg/kg	
				Zinc	0.5 mg/kg	33.7 mg/kg	

end of sample # 446034

CHOPRA-LEE Incorporated
1815 Love Road
Grand Island, NY 14072
716-773-7625 FAX 716-773-7624

ND = Not Detected

NYS DOH ELAP # 10954

Report Date: 6/7/99
Laboratory # NY9#5122 B
Client: Malcolm Environmental Group

THERMOCOR, INC.

STOUFFER MANAGEMENT CORP.

~~TOP SOIL~~ AND FILL MATERIAL

ANALYSIS FOR NYSDEC TAGM

827 Lake Road, Youngstown

Prepared By:

ADVANCED ENVIRONMENTAL SERVICES INC.

"A Company Dedicated to Honesty, Quality and Service"

December 6, 1994
REF: EWK43RI

QA/QC VERIFICATION FOR PROJECT ID 43RI

The following report, as well as the supporting data, have been carefully reviewed for accuracy, adherance to the cited methods, and completeness. All data contained in this report was generated in accordance with the AES Laboratory Quality Assurance/Quality Control Program.

Linda A Ratka

Inorganic Chemistry

Susan Sprocchi

Organic Chemistry

W. Joseph McDougall

Quality Control

Bradley S Martin

Bradley Martin
Project Manager

All 'Total' results on soil matrices are calculated on a dry weight basis, unless otherwise noted.
Analyses noted as 'Performed in the laboratory' require immediate testing and should be performed in the field.

The following are standard abbreviations:

BQL - Below Quantifiable Limits
ND - None Detected
NG - No Growth of Colonies
NR - Not Requested

CLIENT: Thermocor, Inc.
SAMPLE ID: FILL MATERIAL 007/007A
COLLECTION METHOD: COMPOSITE
COLLECTION DATE(S): 11/29/94 - 1000
SAMPLE TYPE: SOLID/SOIL

AES CLIENT ID: EWK
AES SAMPLE ID: 43RI-4

PROJECT ID: 43RI

Analytical Parameters	Analytical Results	Units	Practical Quantifiable Limit	Method
Chloromethane	BQL	µg/kg	10	SW 846 8240
Bromomethane	BQL	µg/kg	10	SW 846 8240
Vinyl chloride	BQL	µg/kg	10	SW 846 8240
Chloroethane	BQL	µg/kg	10	SW 846 8240
Methylene chloride	BQL	µg/kg	10	SW 846 8240
Acetone	BQL	µg/kg	10	SW 846 8240
Carbon disulfide	BQL	µg/kg	10	SW 846 8240
1,1 Dichloroethene	BQL	µg/kg	10	SW 846 8240
1,1 Dichloroethane	BQL	µg/kg	10	SW 846 8240
trans-1,2-Dichloroethene	BQL	µg/kg	10	SW 846 8240
Chloroform	BQL	µg/kg	10	SW 846 8240
1,2-Dichloroethane	BQL	µg/kg	10	SW 846 8240
2-Butanone	BQL	µg/kg	10	SW 846 8240
1,1,1-Trichloroethane	BQL	µg/kg	10	SW 846 8240
Carbon tetrachloride	BQL	µg/kg	10	SW 846 8240
Vinyl acetate	BQL	µg/kg	10	SW 846 8240
Bromodichloromethane	BQL	µg/kg	10	SW 846 8240
1,2-Dichloropropane	BQL	µg/kg	10	SW 846 8240
cis-1,3-Dichloropropene	BQL	µg/kg	10	SW 846 8240
Trichloroethene	BQL	µg/kg	10	SW 846 8240
Benzene	BQL	µg/kg	10	SW 846 8240
trans-1,3-Dichloropropene	BQL	µg/kg	10	SW 846 8240
Chlorodibromomethane	BQL	µg/kg	10	SW 846 8240
1,1,2-Trichloroethane	BQL	µg/kg	10	SW 846 8240
Bromoform	BQL	µg/kg	10	SW 846 8240
4-Methyl-2-pentanone	BQL	µg/kg	10	SW 846 8240
2-Hexanone	BQL	µg/kg	10	SW 846 8240
Tetrachloroethene	BQL	µg/kg	10	SW 846 8240
1,1,2,2-Tetrachloroethane	BQL	µg/kg	10	SW 846 8240

CLIENT: Thermocor, Inc.
SAMPLE ID: FILL MATERIAL 007/007A
COLLECTION METHOD: COMPOSITE
COLLECTION DATE(S): 11/29/94 - 1000
SAMPLE TYPE: SOLID/SOIL

AES CLIENT ID: EWK
AES SAMPLE ID: 43RI-4
PROJECT ID: 43RI

Analytical Parameters	Analytical Results	Units	Practical Quantifiable Limit	Method
Toluene	BQL	µg/kg	10	SW 846 8240
Chlorobenzene	BQL	µg/kg	10	SW 846 8240
Ethylbenzene	BQL	µg/kg	10	SW 846 8240
Styrene	BQL	µg/kg	10	SW 846 8240
m-Xylene	BQL	µg/kg	10	SW 846 8240
o/p-Xylene	BQL	µg/kg	10	SW 846 8240
n-nitrosodimethylamine	BQL	mg/kg	0.33	SW 846 8270
Nitrobenzene	BQL	mg/kg	0.33	SW 846 8270
Isophorone	BQL	mg/kg	0.33	SW 846 8270
bis(2-chloroethoxy)methane	BQL	mg/kg	0.33	SW 846 8270
1,2,4-Trichlorobenzene	BQL	mg/kg	0.33	SW 846 8270
Naphthalene	BQL	mg/kg	0.33	SW 846 8270
4-Chloroaniline	BQL	mg/kg	0.33	SW 846 8270
Hexachlorobutadiene	BQL	mg/kg	0.33	SW 846 8270
2-Methylnaphthalene	BQL	mg/kg	0.33	SW 846 8270
Hexachlorocyclopentadiene	BQL	mg/kg	0.33	SW 846 8270
2-Chloronaphthalene	BQL	mg/kg	0.33	SW 846 8270
bis(2-chloroethyl)ether	BQL	mg/kg	0.33	SW 846 8270
2-Nitroaniline	BQL	mg/kg	0.33	SW 846 8270
Dimethylphthalate	BQL	mg/kg	0.33	SW 846 8270
2,6-Dinitrotoluene	BQL	mg/kg	0.33	SW 846 8270
Acenaphthylene	BQL	mg/kg	0.33	SW 846 8270
3-Nitroaniline	BQL	mg/kg	0.33	SW 846 8270
Acenaphthene	BQL	mg/kg	0.33	SW 846 8270
Dibenzofuran	BQL	mg/kg	0.33	SW 846 8270
2,4-Dinitrotoluene	BQL	mg/kg	0.33	SW 846 8270
Diethylphthalate	BQL	mg/kg	0.33	SW 846 8270
4-chlorophenyl phenyl ether	BQL	mg/kg	0.33	SW 846 8270
1,3-Dichlorobenzene	BQL	mg/kg	0.33	SW 846 8270

CLIENT: Thermocor, Inc.
SAMPLE ID: FILL MATERIAL 007/007A
COLLECTION METHOD: COMPOSITE
COLLECTION DATE(S): 11/29/94 - 1000
SAMPLE TYPE: SOLID/SOIL

AES CLIENT ID: EWK
AES SAMPLE ID: 43RI-4

PROJECT ID: 43RI

Analytical Parameters	Analytical Results	Units	Practical Quantifiable Limit	Method
Fluorene	BQL	mg/kg	0.33	SW 846 8270
4-Nitroaniline	BQL	mg/kg	0.33	SW 846 8270
n-Nitrosodiphenylamine	BQL	mg/kg	0.33	SW 846 8270
4-Bromophenylphenyl ether	BQL	mg/kg	0.33	SW 846 8270
Hexachlorobenzene	BQL	mg/kg	0.33	SW 846 8270
Phenanthrene	BQL	mg/kg	0.33	SW 846 8270
Anthracene	BQL	mg/kg	0.33	SW 846 8270
di-n-Butylphthalate	BQL	mg/kg	0.33	SW 846 8270
Fluoranthene	BQL	mg/kg	0.33	SW 846 8270
Benzidine	BQL	mg/kg	40	SW 846 8270
1,4-Dichlorobenzene	BQL	mg/kg	0.33	SW 846 8270
Pyrene	BQL	mg/kg	0.33	SW 846 8270
Butylbenzylphthalate	BQL	mg/kg	0.33	SW 846 8270
3,3'-Dichlorobenzidine	BQL	mg/kg	0.33	SW 846 8270
Benzo(a)anthracene	BQL	mg/kg	0.33	SW 846 8270
bis(2-ethylhexyl)phthalate	BQL	mg/kg	0.33	SW 846 8270
Chrysene	BQL	mg/kg	0.33	SW 846 8270
di-n-Octylphtyalate	BQL	mg/kg	0.33	SW 846 8270
Benzo(b)fluoranthene	BQL	mg/kg	0.33	SW 846 8270
Benzo(k)fluoranthene	BQL	mg/kg	0.33	SW 846 8270
Benzo(a)pyrene	BQL	mg/kg	0.33	SW 846 8270
Benzyl alcohol	BQL	mg/kg	0.33	SW 846 8270
Indeno(1,2,3-cd)pyrene	BQL	mg/kg	0.33	SW 846 8270
Dibenzo(a,h)anthracene	BQL	mg/kg	0.33	SW 846 8270
Benzo(g,h,i)perylene	BQL	mg/kg	0.33	SW 846 8270
1,2-Dichlorobenzene	BQL	mg/kg	0.33	SW 846 8270
bis(2-chloroisopropyl)ether	BQL	mg/kg	0.33	SW 846 8270
n-Nitrosodi-n-propylamine	BQL	mg/kg	0.33	SW 846 8270
Hexachloroethane	BQL	mg/kg	0.33	SW 846 8270

CLIENT: Thermocor, Inc.
SAMPLE ID: FILL MATERIAL 007/007A
COLLECTION METHOD: COMPOSITE
COLLECTION DATE(S): 11/29/94 - 1000
SAMPLE TYPE: SOLID/SOIL

AES CLIENT ID: EWK
AES SAMPLE ID: 43RI-4

PROJECT ID: 43RI

Analytical Parameters	Analytical Results	Units	Practical Quantifiable Limit	Method
Aldrin	BQL	mg/kg	0.002	SW 846 8080
alpha-BHC	BQL	mg/kg	0.002	SW 846 8080
beta-BHC	BQL	mg/kg	0.002	SW 846 8080
gamma-BHC	BQL	mg/kg	0.002	SW 846 8080
delta-BHC	BQL	mg/kg	0.002	SW 846 8080
Chlordane	BQL	mg/kg	0.033	SW 846 8080
4,4'-DDD	BQL	mg/kg	0.002	SW 846 8080
4,4'-DDE	BQL	mg/kg	0.002	SW 846 8080
4,4'-DDT	BQL	mg/kg	0.002	SW 846 8080
Dieldrin	BQL	mg/kg	0.002	SW 846 8080
Endosulfan I	BQL	mg/kg	0.002	SW 846 8080
Endosulfan II	BQL	mg/kg	0.002	SW 846 8080
Endosulfan sulfate	BQL	mg/kg	0.002	SW 846 8080
Endrin	BQL	mg/kg	0.002	SW 846 8080
Endrin aldehyde	BQL	mg/kg	0.002	SW 846 8080
Heptachlor	BQL	mg/kg	0.002	SW 846 8080
Heptachlor epoxide	BQL	mg/kg	0.002	SW 846 8080
Toxaphene	BQL	mg/kg	0.083	SW 846 8080
PCB-1016	BQL	mg/kg	0.033	SW 846 8080
PCB-1221	BQL	mg/kg	0.033	SW 846 8080
PCB-1232	BQL	mg/kg	0.033	SW 846 8080
PCB-1242	BQL	mg/kg	0.033	SW 846 8080
PCB-1248	BQL	mg/kg	0.033	SW 846 8080
PCB-1254	BQL	mg/kg	0.033	SW 846 8080
PCB-1260	BQL	mg/kg	0.033	SW 846 8080
Total Cyanide, Manually Distilled	BQL	mg/kg	0.6	SW 846 9012
Total Aluminum	6300	mg/kg	5.0	SW 846 6010
Total Antimony	7.0	mg/kg	5.0	SW 846 6010
Total Arsenic	2.6	mg/kg	0.5	SW 846 7060

CLIENT: Thermocor, Inc.
SAMPLE ID: FILL MATERIAL 007/007A
COLLECTION METHOD: COMPOSITE
COLLECTION DATE(S): 11/29/94 - 1000
SAMPLE TYPE: SOLID/SOIL

AES CLIENT ID: EWK
AES SAMPLE ID: 43RI-4

PROJECT ID: 43RI

Analytical Parameters	Analytical Results	Units	Practical Quantifiable Limit	Method
Total Barium	50	mg/kg	0.5	SW 846 6010
Total Beryllium	BQL	mg/kg	0.5	SW 846 6010
Total Cadmium	1.1	mg/kg	0.5	SW 846 6010
Total Chromium	5.9	mg/kg	1.0	SW 846 6010
Total Calcium	84000	mg/kg	10	SW 846 6010
Total Cobalt	5.9	mg/kg	1.0	SW 846 6010
Total Iron	11000	mg/kg	5.0	SW 846 6010
Total Lead	20	mg/kg	5.0	SW 846 6010
Total Copper	12	mg/kg	1.0	SW 846 6010
Total Manganese	430	mg/kg	0.5	SW 846 6010
Total Magnesium	18000	mg/kg	5.0	SW 846 6010
Total Mercury	BQL	mg/kg	0.5	SW 846 7471
Total Mercury	BQL	mg/kg	0.5	SW 846 7471
Total Mercury	BQL	mg/kg	0.5	SW 846 7471
Total Nickel	9.5	mg/kg	2.0	SW 846 6010
Total Silver	BQL	mg/kg	0.5	SW 846 6010
Total Potassium	1200	mg/kg	100	SW 846 6010
Total Selenium	BQL	mg/kg	0.5	SW 846 7740
Total Vanadium	11	mg/kg	1.0	SW 846 6010
Total Thallium	76	mg/kg	5.0	SW 846 6010
Total Zinc	30	mg/kg	2.0	SW 846 6010
Total Sodium	120	mg/kg	10	SW 846 6010

CLIENT: Thermocor, Inc.
SAMPLE ID: FILL MATERIAL 007/007A
COLLECTION METHOD: COMPOSITE
COLLECTION DATE(S): 11/29/94 - 1000
SAMPLE TYPE: SOLID/SOIL

AES CLIENT ID: EWK
AES SAMPLE ID: 43RI-4

PROJECT ID: 43RI

Analytical Parameters	Analytical Results	Units	Practical Quantifiable Limit	Method
2,3,7,8-TCDD *	ND	ng/g	0.021	SW 846 8280
Silvex *	ND	µg/kg	5.0	SW 846 8150
2,4,5-T *	ND	µg/kg	5.0	SW 846 8150
Freon 113 *	ND	µg/kg	5.0	SW 846 8240
Parathion *	ND	µg/kg	33	SW 846 8140
Chloromethane	BQL	µg/kg	10	SW 846 8240
Bromomethane	BQL	µg/kg	10	SW 846 8240
Vinyl chloride	BQL	µg/kg	10	SW 846 8240
Chloroethane	BQL	µg/kg	10	SW 846 8240
Methylene chloride	BQL	µg/kg	10	SW 846 8240
Acetone	BQL	µg/kg	10	SW 846 8240
Carbon disulfide	BQL	µg/kg	10	SW 846 8240
1,1 Dichloroethene	BQL	µg/kg	10	SW 846 8240
1,1 Dichloroethane	BQL	µg/kg	10	SW 846 8240
trans-1,2-Dichloroethene	BQL	µg/kg	10	SW 846 8240
Chloroform	BQL	µg/kg	10	SW 846 8240
1,2-Dichloroethane	BQL	µg/kg	10	SW 846 8240
2-Butanone	BQL	µg/kg	10	SW 846 8240
1,1,1-Trichloroethane	BQL	µg/kg	10	SW 846 8240
Carbon tetrachloride	BQL	µg/kg	10	SW 846 8240
Vinyl acetate	BQL	µg/kg	10	SW 846 8240
Bromodichloromethane	BQL	µg/kg	10	SW 846 8240
1,2-Dichloropropane	BQL	µg/kg	10	SW 846 8240
cis-1,3-Dichloropropene	BQL	µg/kg	10	SW 846 8240
Trichloroethene	BQL	µg/kg	10	SW 846 8240
Benzene	BQL	µg/kg	10	SW 846 8240
trans-1,3-Dichloropropene	BQL	µg/kg	10	SW 846 8240
Chlorodibromomethane	BQL	µg/kg	10	SW 846 8240

* Subcontracted to Quanterra Environmental Services.

CLIENT: Thermocor, Inc.
SAMPLE ID: METHOD BLANK
COLLECTION METHOD:
COLLECTION DATE(S):
SAMPLE TYPE:

AES CLIENT ID: EWK

PROJECT ID: 43RI

Analytical Parameters	Analytical Results	Units	Practical Quantifiable Limit	Method
Chloromethane	BQL	µg/kg	10	SW 846 8240
Bromomethane	BQL	µg/kg	10	SW 846 8240
Vinyl chloride	BQL	µg/kg	10	SW 846 8240
Chloroethane	BQL	µg/kg	10	SW 846 8240
Methylene chloride	BQL	µg/kg	10	SW 846 8240
Acetone	BQL	µg/kg	10	SW 846 8240
Carbon disulfide	BQL	µg/kg	10	SW 846 8240
1,1-Dichloroethene	BQL	µg/kg	10	SW 846 8240
1,1-Dichloroethane	BQL	µg/kg	10	SW 846 8240
trans-1,2-Dichloroethene	BQL	µg/kg	10	SW 846 8240
Chloroform	BQL	µg/kg	10	SW 846 8240
1,2-Dichloroethane	BQL	µg/kg	10	SW 846 8240
2-Butanone	BQL	µg/kg	10	SW 846 8240
1,1,1-Trichloroethane	BQL	µg/kg	10	SW 846 8240
Carbon tetrachloride	BQL	µg/kg	10	SW 846 8240
Vinyl acetate	BQL	µg/kg	10	SW 846 8240
Bromodichloromethane	BQL	µg/kg	10	SW 846 8240
1,2-Dichloropropane	BQL	µg/kg	10	SW 846 8240
cis-1,3-Dichloropropene	BQL	µg/kg	10	SW 846 8240
Trichloroethene	BQL	µg/kg	10	SW 846 8240
Benzene	BQL	µg/kg	10	SW 846 8240
trans-1,3-Dichloropropene	BQL	µg/kg	10	SW 846 8240
Chlorodibromomethane	BQL	µg/kg	10	SW 846 8240
1,1,2-Trichloroethane	BQL	µg/kg	10	SW 846 8240
Bromoform	BQL	µg/kg	10	SW 846 8240
4-Methyl-2-pentanone	BQL	µg/kg	10	SW 846 8240
2-Hexanone	BQL	µg/kg	10	SW 846 8240
Tetrachloroethene	BQL	µg/kg	10	SW 846 8240
1,1,2,2-Tetrachloroethane	BQL	µg/kg	10	SW 846 8240

CLIENT: Thermocor, Inc.
SAMPLE ID: METHOD BLANK
COLLECTION METHOD:
COLLECTION DATE(S):
SAMPLE TYPE:

AES CLIENT ID: EWK

PROJECT ID: 43RI

Analytical Parameters	Analytical Results	Units	Practical Quantifiable Limit	Method
Toluene	BQL	µg/kg	10	SW 846 8240
Chlorobenzene	BQL	µg/kg	10	SW 846 8240
Ethylbenzene	BQL	µg/kg	10	SW 846 8240
Styrene	BQL	µg/kg	10	SW 846 8240
m-Xylene	BQL	µg/kg	10	SW 846 8240
o/p-Xylene	BQL	µg/kg	10	SW 846 8240
n-nitrosodimethylamine	BQL	mg/kg	0.33	SW 846 8270
Nitrobenzene	BQL	mg/kg	0.33	SW 846 8270
Isophorone	BQL	mg/kg	0.33	SW 846 8270
bis(2-chloroethoxy)methane	BQL	mg/kg	0.33	SW 846 8270
1,2,4-Trichlorobenzene	BQL	mg/kg	0.33	SW 846 8270
Naphthalene	BQL	mg/kg	0.33	SW 846 8270
4-Chloroaniline	BQL	mg/kg	0.33	SW 846 8270
Hexachlorobutadiene	BQL	mg/kg	0.33	SW 846 8270
2-Methylnaphthalene	BQL	mg/kg	0.33	SW 846 8270
Hexachlorocyclopentadiene	BQL	mg/kg	0.33	SW 846 8270
2-Chloronaphthalene	BQL	mg/kg	0.33	SW 846 8270
bis(2-chloroethyl)ether	BQL	mg/kg	0.33	SW 846 8270
2-Nitroaniline	BQL	mg/kg	0.33	SW 846 8270
Dimethylphthalate	BQL	mg/kg	0.33	SW 846 8270
2,6-Dinitrotoluene	BQL	mg/kg	0.33	SW 846 8270
Acenaphthylene	BQL	mg/kg	0.33	SW 846 8270
3-Nitroaniline	BQL	mg/kg	0.33	SW 846 8270
Acenaphthene	BQL	mg/kg	0.33	SW 846 8270
Dibenzofuran	BQL	mg/kg	0.33	SW 846 8270
2,4-Dinitrotoluene	BQL	mg/kg	0.33	SW 846 8270
Diethylphthalate	BQL	mg/kg	0.33	SW 846 8270
4-chlorophenyl phenyl ether	BQL	mg/kg	0.33	SW 846 8270
1,3-Dichlorobenzene	BQL	mg/kg	0.33	SW 846 8270

CLIENT: Thermocor, Inc.
SAMPLE ID: METHOD BLANK
COLLECTION METHOD:
COLLECTION DATE(S):
SAMPLE TYPE:

AES CLIENT ID: EWK

PROJECT ID: 43RI

Analytical Parameters	Analytical Results	Units	Practical Quantifiable Limit	Method
Fluorene	BQL	mg/kg	0.33	SW 846 8270
4-Nitroaniline	BQL	mg/kg	0.33	SW 846 8270
n-Nitrosodiphenylamine	BQL	mg/kg	0.33	SW 846 8270
4-Bromophenylphenyl ether	BQL	mg/kg	0.33	SW 846 8270
Hexachlorobenzene	BQL	mg/kg	0.33	SW 846 8270
Phenanthrene	BQL	mg/kg	0.33	SW 846 8270
Anthracene	BQL	mg/kg	0.33	SW 846 8270
di-n-Butylphthalate	BQL	mg/kg	0.33	SW 846 8270
Fluoranthene	BQL	mg/kg	0.33	SW 846 8270
Benzidine	BQL	mg/kg	40	SW 846 8270
1,4-Dichlorobenzene	BQL	mg/kg	0.33	SW 846 8270
Pyrene	BQL	mg/kg	0.33	SW 846 8270
Butylbenzylphthalate	BQL	mg/kg	0.33	SW 846 8270
3,3'-Dichlorobenzidine	BQL	mg/kg	0.33	SW 846 8270
Benzo(a)anthracene	BQL	mg/kg	0.33	SW 846 8270
bis(2-ethylhexyl)phthalate	BQL	mg/kg	0.33	SW 846 8270
Chrysene	BQL	mg/kg	0.33	SW 846 8270
di-n-Octylphthalate	BQL	mg/kg	0.33	SW 846 8270
Benzo(b)fluoranthene	BQL	mg/kg	0.33	SW 846 8270
Benzo(k)fluoranthene	BQL	mg/kg	0.33	SW 846 8270
Benzo(a)pyrene	BQL	mg/kg	0.33	SW 846 8270
Benzyl alcohol	BQL	mg/kg	0.33	SW 846 8270
Indeno(1,2,3-cd)pyrene	BQL	mg/kg	0.33	SW 846 8270
Dibenzo(a,h)anthracene	BQL	mg/kg	0.33	SW 846 8270
Benzo(g,h,i)perylene	BQL	mg/kg	0.33	SW 846 8270
1,2-Dichlorobenzene	BQL	mg/kg	0.33	SW 846 8270
bis(2-chloroisopropyl)ether	BQL	mg/kg	0.33	SW 846 8270
n-Nitrosodi-n-propylamine	BQL	mg/kg	0.33	SW 846 8270
Hexachloroethane	BQL	mg/kg	0.33	SW 846 8270

CLIENT: Thermocor, Inc. AES CLIENT ID: EWK
SAMPLE ID: METHOD BLANK
COLLECTION METHOD:
COLLECTION DATE(S):
SAMPLE TYPE: PROJECT ID: 43RI

Analytical Parameters	Analytical Results	Units	Practical Quantifiable Limit	Method
Aldrin	BQL	mg/kg	0.002	SW 846 8080
alpha-BHC	BQL	mg/kg	0.002	SW 846 8080
beta-BHC	BQL	mg/kg	0.002	SW 846 8080
gamma-BHC	BQL	mg/kg	0.002	SW 846 8080
delta-BHC	BQL	mg/kg	0.002	SW 846 8080
Chlordane	BQL	mg/kg	0.033	SW 846 8080
4,4'-DDD	BQL	mg/kg	0.002	SW 846 8080
4,4'-DDE	BQL	mg/kg	0.002	SW 846 8080
4,4'-DDT	BQL	mg/kg	0.002	SW 846 8080
Dieldrin	BQL	mg/kg	0.002	SW 846 8080
Endosulfan I	BQL	mg/kg	0.002	SW 846 8080
Endosulfan II	BQL	mg/kg	0.002	SW 846 8080
Endosulfan sulfate	BQL	mg/kg	0.002	SW 846 8080
Endrin	BQL	mg/kg	0.002	SW 846 8080
Endrin aldehyde	BQL	mg/kg	0.002	SW 846 8080
Heptachlor	BQL	mg/kg	0.002	SW 846 8080
Heptachlor epoxide	BQL	mg/kg	0.002	SW 846 8080
Toxaphene	BQL	mg/kg	0.083	SW 846 8080
PCB-1016	BQL	mg/kg	0.033	SW 846 8080
PCB-1221	BQL	mg/kg	0.033	SW 846 8080
PCB-1232	BQL	mg/kg	0.033	SW 846 8080
PCB-1242	BQL	mg/kg	0.033	SW 846 8080
PCB-1248	BQL	mg/kg	0.033	SW 846 8080
PCB-1254	BQL	mg/kg	0.033	SW 846 8080
PCB-1260	BQL	mg/kg	0.033	SW 846 8080
Total Cyanide, Manually Distilled	BQL	mg/kg	0.5	SW 846 9012
Total Aluminum	BQL	mg/kg	5.0	SW 846 6010
Total Antimony	BQL	mg/kg	5.0	SW 846 6010
Total Arsenic	BQL	mg/kg	0.5	SW 846 7060

CLIENT: Thermoscan, Inc.
SAMPLE ID: METHOD BLANK
COLLECTION METHOD:
COLLECTION DATE(S):
SAMPLE TYPE:

AES CLIENT ID: EWK

PROJECT ID: 43RI

Analytical Parameters	Analytical Results	Units	Practical Quantifiable Limit	Method
Total Barium	BQL	mg/kg	0.5	SW 846 6010
Total Beryllium	BQL	mg/kg	0.5	SW 846 6010
Total Cadmium	BQL	mg/kg	0.5	SW 846 6010
Total Chromium	BQL	mg/kg	1.0	SW 846 6010
Total Calcium	BQL	mg/kg	10	SW 846 6010
Total Cobalt	BQL	mg/kg	1.0	SW 846 6010
Total Iron	BQL	mg/kg	5.0	SW 846 6010
Total Lead	BQL	mg/kg	5.0	SW 846 6010
Total Copper	BQL	mg/kg	1.0	SW 846 6010
Total Manganese	BQL	mg/kg	0.5	SW 846 6010
Total Magnesium	BQL	mg/kg	5.0	SW 846 6010
Total Mercury	BQL	mg/kg	0.5	SW 846 7471
Total Mercury	BQL	mg/kg	0.5	SW 846 7471
Total Mercury	BQL	mg/kg	0.5	SW 846 7471
Total Nickel	BQL	mg/kg	2.0	SW 846 6010
Total Silver	BQL	mg/kg	0.5	SW 846 6010
Total Potassium	BQL	mg/kg	100	SW 846 6010
Total Selenium	BQL	mg/kg	0.5	SW 846 7740
Total Vanadium	BQL	mg/kg	1.0	SW 846 6010
Total Thallium	BQL	mg/kg	5.0	SW 846 6010
Total Zinc	BQL	mg/kg	2.0	SW 846 6010
Total Sodium	BQL	mg/kg	10	SW 846 6010

Laboratory Report

Client: **Modern Environmental Group**
4746 Model City Road
PO Box 209
Model City, NY 14107

Attention: Jerry Plewniak

Project Reference #

Purchase Order #

Project: **Soil Sample for Metals Analysis**
Birdle Path

Laboratory Project # NY904326
Project Manager: Paul Chopra - Laboratory Manager
Start Date: 4/27/99
Report Date: 4/29/99

Authorized Signature

Ashraf Khan, PhD., Senior Analytical Chemist
Paul S. Chopra, Laboratory Manager

Analysis Results Table

Sample # / Sample Vessel - Size	Lab # / Analyte Group	Sampling Date / Method	Matrix	Location / Comment / Analyte	Analytical Sensitivity	Sample Concentration	Analysis Date
Samples submitted by Modern Environmental Group on 4/27/99							
1	**440814**		**Soil**				
Clear Glass Bottle - 1 lb	Metals TAL (23) - Bulk	SW 846 6010 / ICP		Aluminum	20 mg/kg	18700 mg/kg	4/28/99
				Antimony	0.025 mg/kg	<0.0250 mg/kg	
				Arsenic	2.5 mg/kg	5.84 mg/kg	
				Barium	0.5 mg/kg	129 mg/kg	
				Beryllium	0.2 mg/kg	0.877 mg/kg	
				Cadmium	0.2 mg/kg	0.682 mg/kg	
				Calcium	3 mg/kg	3330 mg/kg	
				Chromium	0.5 mg/kg	23.4 mg/kg	
				Cobalt	0.2 mg/kg	11.7 mg/kg	
				Copper	0.5 mg/kg	26.3 mg/kg	
				Iron	1.5 mg/kg	28000 mg/kg	
				Lead	1 mg/kg	6.82 mg/kg	
				Magnesium	3 mg/kg	6450 mg/kg	
				Manganese	0.2 mg/kg	538 mg/kg	
		SW-846 7470 / CVAA		Mercury	0.02 mg/kg	<0.0200 mg/kg	
		SW 846 6010 / ICP		Nickel	0.5 mg/kg	28.2 mg/kg	

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NYS DOH ELAP # 10954

Analysis Results Table

Sample # / Sample Vessel - Size	Lab # / Analyte Group	Sampling Date / Method	Matrix / Analyte	Location / Comment / Analytical Sensitivity	Sample Concentration	Analysis Date
Clear Glass Bottle - 1 lb	Metals TAL (23) - Bulk	SW 846 6010 / ICP	Potassium	200 mg/kg	2810 mg/kg	4/28/99
			Selenium	0.025 mg/kg	<0.0250 mg/kg	
			Silver	0.015 mg/kg	< 0.0150 mg/kg	
			Sodium	20 mg/kg	381 mg/kg	
			Thallium	0.015 mg/kg	< 0.0150 mg/kg	
			Vanadium	0.5 mg/kg	33.1 mg/kg	
			Zinc	0.5 mg/kg	67.2 mg/kg	

end of sample # 440814

These results are submitted pursuant to Chopra-Lee, Inc.'s current terms and conditions of sale, including the company's standard warranty and limitation of liability provisions. No responsibility or liability is assumed for the manner in which the results are used or interpreted. These results pertain only to the items tested. Unless notified in writing to return the samples covered by this report Chopra-Lee, Inc. will store what remains of the samples for a period of 15 days before discarding, unless otherwise required by law.

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NYS DOH ELAP # 10954

Report Date: 4/29/99
Laboratory # NY904326 0
Client: Modern Environmental Group

Laboratory Report

Client: Modern Environmental Group
4746 Model City Road
PO Box 289
Model City, NY 14107

Attention: Jerry Plewniak

Project Reference #

Purchase Order # 59266

Project: Soil Sample for Metals Analysis
Middle Falls

Laboratory Project # NYS04326

Project Manager: Paul Chopra - Laboratory Manager

Start Date: 4/27/99

Report Date: 6/4/99

Authorized Signature: A B Khan

☑ Ashraf Khan PhD., Senior Analytical Chemist

☐ Paul S. Chopra, Laboratory Manager

Analysis Results Table

Sample # / Sample Vessel - Size	Lab # / Analyte Group	Sampling Date / Method	Matrix / Analyte	Location / Comment / Analyte	Analytical Sensitivity	Sample Concentration	Analysis Date
Samples submitted by Modern Environmental Group on 6/1/99							
1	947134	6/3/99	Soil				
Clear Glass Bottle - 1 lb	Semivolatiles in Bulk - TCL	SW 846 8270 / GC-MS	1,2,4-Trichlorobenzene		100 ug/kg	ND	6/4/99
			1,2-Dichlorobenzene		100 ug/kg	ND	
			1,2-Diphenylhydrazine		100 ug/kg	ND	
			1,3-Dichlorobenzene		100 ug/kg	ND	
			1,4-Dichlorobenzene		100 ug/kg	ND	
			2,2'-Oxybis(1-chloropropane)		100 ug/kg	ND	
			2,4,5-Trichlorophenol		100 ug/kg	ND	
			2,4,6-Trichlorophenol		100 ug/kg	ND	
			2,4-Dichlorophenol		100 ug/kg	ND	
			2,4-Dimethylphenol		100 ug/kg	ND	
			2,4-Dinitrophenol		100 ug/kg	ND	

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To MARSHALL	From JERRY
Co.	Co.
Dept.	Phone #
Fax #	Fax #

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NYS DOH ELAP # 10954

Page # 1 of 2
Report Date: 6/4/99
Laboratory # NYS04326
Client: Modern Environmental Group

Bicycle Path

Analysis Results Table

Sample # / Sample Vessel - Size	Lab # / Analyte Group	Sampling Date / Method	Location / Comment / Analyte	Analytical Sensitivity	Sample Concentration	Analysis Date
Clear Glass Bottle - 8 lb	Semivolatiles in Bulk - TCL	SW 846 8270 / GC-MS	2,4-Dinitrotoluene	100 ug/kg	ND	6/4/99
			2-Chloronaphthalene	100 ug/kg	ND	
			2-Chlorophenol	100 ug/kg	ND	
			2-Fluorophenol	100 ug/kg	ND	
			2-Methylnaphthalene	100 ug/kg	ND	
			2-Methylphenol	100 ug/kg	ND	
			2-Nitroaniline	100 ug/kg	ND	
			2-Nitrophenol	100 ug/kg	ND	
			3,3'-Dichlorobenzidine	100 ug/kg	ND	
			3-Nitroaniline	100 ug/kg	ND	
			4,6-Dinitro-2-methyl phenol	100 ug/kg	ND	
			4-Bromophenyl phenyl ether	100 ug/kg	ND	
			4-Chloro-3-methylphenol	100 ug/kg	ND	
			4-Chloroaniline	100 ug/kg	ND	
			4-Chlorophenyl phenyl ether	100 ug/kg	ND	
			4-Methylphenol	100 ug/kg	ND	
			4-Nitroaniline	100 ug/kg	ND	
			4-Nitrophenol	100 ug/kg	ND	
			Acenaphthene	100 ug/kg	ND	
			Acenaphthylene	100 ug/kg	ND	
			Aniline	100 ug/kg	ND	
			Anthracene	100 ug/kg	ND	
			Benzidine	100 ug/kg	ND	

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NYS DOH ELAP # 10954

Analysis Results Table

Sample # / Sample Vessel - Size	Lab # / Analyte Group	Sampling Date / Method	Matrix	Location / Comment / Analyte	Analytical Sensitivity	Sample Concentration	Analysis Date
Clear Glass Bottle - 1 lb		Semivolatiles in Bulk - TCL	SW 846 8270 / GC-MS	Benzo(a)anthracene	100 ug/kg	ND	6/4/99
				Benzo(a)pyrene	100 ug/kg	ND	
				Benzo(b)fluoranthene	100 ug/kg	ND	
				Benzo(g,h,i)perylene	100 ug/kg	ND	
				Benzo(k)fluoranthene	100 ug/kg	ND	
				Benzoic acid	100 ug/kg	ND	
				Benzyl alcohol	100 ug/kg	ND	
				Bis (2-chloroethoxy) methane	100 ug/kg	ND	
				Bis (2-chloroethyl) ether	100 ug/kg	ND	
				Bis (2-ethylhexyl) phthalate	100 ug/kg	ND	
				Butyl benzyl phthalate	100 ug/kg	ND	
				Carbazole	100 ug/kg	ND	
				Chrysene	100 ug/kg	ND	
				Dibenzo(a,h)anthracene	100 ug/kg	ND	
				Dibenzofuran	100 ug/kg	ND	
				Diethyl phthalate	100 ug/kg	ND	
				Dimethyl phthalate	100 ug/kg	ND	
				Di-n-butyl phthalate	100 ug/kg	ND	
				Di-n-octyl phthalate	100 ug/kg	ND	
				Fluoranthene	100 ug/kg	ND	
				Fluorene	100 ug/kg	ND	
				Hexachlorobenzene	100 ug/kg	ND	
				Hexachlorobutadiene	100 ug/kg	ND	

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NYS DOH ELAP # 10954

Analysis Results Table

Sample # / Sample Vessel - Size	Lab #	Sampling Date / Analyte Group	Matrix / Method	Location / Comment / Analyte	Analytical Sensitivity	Sample Concentration	Analysis Date
Clear Glass Bottle - 1 lb		Semivolatiles in Bulk - TCL	SW 846 8270 / GC-MS	Hexachlorocyclopentadiene	100 ug/kg	ND	6/4/99
				Hexachloroethane	100 ug/kg	ND	
				Indeno(1,2,3-cd)pyrene	100 ug/kg	ND	
				Isophorone	100 ug/kg	ND	
				Naphthalene	100 ug/kg	ND	
				Nitrobenzene	100 ug/kg	ND	
				N-Nitrosodimethylamine	100 ug/kg	ND	
				N-Nitroso-di-n-propylamine	100 ug/kg	ND	
				N-Nitrosodiphenylamine	100 ug/kg	ND	
				Pentachlorophenol	100 ug/kg	ND	
				Phenanthrene	100 ug/kg	ND	
				Phenol	100 ug/kg	ND	
				Pyrene	100 ug/kg	ND	
		Volatiles in Bulk - TCL	SW 846 8260 / GC-MS	1,1,1,2-Tetrachloroethane	10 ug/kg	ND	
				1,1,1-Trichloroethane	10 ug/kg	ND	
				1,1,2,2-Tetrachloroethane	10 ug/kg	ND	
				1,1,2-Trichloroethane	10 ug/kg	ND	
				1,1-Dichloroethane	10 ug/kg	ND	
				1,1-Dichloroethene	10 ug/kg	ND	
				1,1-Dichloropropene	10 ug/kg	ND	
				1,2,3-Trichlorobenzene	10 ug/kg	ND	
				1,2,3-Trichloropropane	10 ug/kg	ND	
				1,2,4-Trichlorobenzene	10 ug/kg	ND	

ND = Not Detected

NYS DOH ELAP # 10954

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Analysis Results Table

Sample # / Sample Vessel - Size	Lab #	Sampling Date / Analyte Group	Matrix / Method	Location / Comment / Analyte	Analytical Sensitivity	Sample Concentration	Analysis Date
-		Volatiles in Bulk - TCL	SW 846 8260 / GC-MS	1,2,4-Trimethylbenzene	10 ug/kg	ND	6/4/99
				1,2-Dibromo-3-Chloropropane	10 ug/kg	ND	
				1,2-Dibromoethane	10 ug/kg	ND	
				1,2-Dichlorobenzene	10 ug/kg	ND	
				1,2-Dichloroethane	10 ug/kg	ND	
				1,2-Dichloropropane	10 ug/kg	ND	
				1,3,5-Trimethylbenzene	10 ug/kg	ND	
				1,3-Dichlorobenzene	10 ug/kg	ND	
				1,3-Dichloropropene	10 ug/kg	ND	
				1,4-Dichlorobenzene	10 ug/kg	ND	
				2,2-Dichloropropane	10 ug/kg	ND	
				2-Chlorotoluene	10 ug/kg	ND	
				4-Chlorotoluene	10 ug/kg	ND	
				Benzene	10 ug/kg	ND	
				Bromobenzene	10 ug/kg	ND	
				Bromodichloromethane	10 ug/kg	ND	
				Bromoform	10 ug/kg	ND	
				Bromomethane	10 ug/kg	ND	
				Carbon tetrachloride	10 ug/kg	ND	
				Chlorobenzene	10 ug/kg	ND	
				Chlorodibromomethane	10 ug/kg	ND	
				Chloroethane	10 ug/kg	ND	
				Chloroform	10 ug/kg	ND	

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NYS DOH ELAP # 10954

Page # 3 of 7
Report Date: 6/4/99
Laboratory #: [illegible]
Client: Modern Environmental Group

Analysis Results Table

Sample # / Lab # / Sample Vessel - Size	Sampling Date / Analyte Group	Matrix / Method	Location / Comment / Analyte	Analytical Sensitivity	Sample Concentration	Analysis Date
-	Volatiles In Bulk - TCL	SW 846 8260 / GC MS	1,2,4-Trimethylbenzene	10 ug/kg	ND	6/4/99
			1,2-Dibromo-3-Chloropropane	10 ug/kg	ND	
			1,2-Dibromoethane	10 ug/kg	ND	
			1,2-Dichlorobenzene	10 ug/kg	ND	
			1,2-Dichloroethane	10 ug/kg	ND	
			1,2-Dichloropropane	10 ug/kg	ND	
			1,3,5-Trimethylbenzene	10 ug/kg	ND	
			1,3-Dichlorobenzene	10 ug/kg	ND	
			1,3-Dichloropropene	10 ug/kg	ND	
			1,4-Dichlorobenzene	10 ug/kg	ND	
			2,2-Dichloropropane	10 ug/kg	ND	
			2-Chlorotoluene	10 ug/kg	ND	
			4-Chlorotoluene	10 ug/kg	ND	
			Benzene	10 ug/kg	ND	
			Bromobenzene	10 ug/kg	ND	
			Bromodichloromethane	10 ug/kg	ND	
			Bromoform	10 ug/kg	ND	
			Bromomethane	10 ug/kg	ND	
			Carbon tetrachloride	10 ug/kg	ND	
			Chlorobenzene	10 ug/kg	ND	
			Chlorodibromomethane	10 ug/kg	ND	
			Chloroethane	10 ug/kg	ND	
			Chloroform	10 ug/kg	ND	

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NYS DOH ELAP # 10954

Analysis Results Table

Sample # / Sample Vessel - Size	Lab #	Sampling Date / Analyte Group	Matrix / Method	Location / Comment / Analyte	Analytical Sensitivity	Sample Concentration	Analysis Date
-		Volatiles in Bulk - TCL	SW 846 8260 / GC-MS	Chloromethane	10 ug/kg	ND	6/4/99
				cis-1,2-Dichloroethene	10 ug/kg	ND	
				cis-1,3-Dichloropropene	10 ug/kg	ND	
				Dibromomethane	10 ug/kg	ND	
				Dichlorodifluoromethane	10 ug/kg	ND	
				Ethylbenzene	10 ug/kg	ND	
				Hexachlorobutadiene	10 ug/kg	ND	
				Isopropylbenzene	10 ug/kg	ND	
				M+P-Xylene	10 ug/kg	ND	
				Methylene chloride	10 ug/kg	ND	
				Naphthalene	10 ug/kg	ND	
				n-Butylbenzene	10 ug/kg	ND	
				n-Propylbenzene	10 ug/kg	ND	
				o-Xylene	10 ug/kg	ND	
				p-Isopropyltoluene	10 ug/kg	ND	
				sec-Butylbenzene	10 ug/kg	ND	
				Styrene	10 ug/kg	ND	
				tert-Butylbenzene	10 ug/kg	ND	
				Tetrachloroethene	10 ug/kg	ND	
				Toluene	10 ug/kg	ND	
				trans-1,2-Dichloroethene	10 ug/kg	ND	
				Trans-1,3-Dichloropropene	10 ug/kg	ND	
				Trichloroethene	10 ug/kg	ND	

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NYS DOH ELAP # 10954

Page# 6 of 7
Report Date: 6/4/99
Laboratory # NY94026 0
Client: Modern Environmental Group

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REReceived Time Jun. 4. 5:00PM

Analysis Results Table

Sample # / Sample Vessel - Size	Lab #	Sampling Date / Analyte Group	Matrix / Method	Location / Comment / Analyte	Analytical Sensitivity	Sample Concentration	Analysis Date
-		Volatiles in Bulk - TCL	SW 846 8260 / GC-MS	Trichlorofluoromethane	10 ug/kg	ND	6/4/99
				Vinyl chloride	10 ug/kg	ND	

end of sample # [illegible]

These results are submitted pursuant to Chopra-Lee, Inc.'s current terms and conditions of sale, including the company's standard warranty and limitation of liability provisions. No responsibility or liability is assumed for the manner in which the results are used or interpreted. These results pertain only to the items tested. Unless notified in writing to return the samples covered by this report Chopra-Lee, Inc. will store what remains of the samples for a period of 15 days before discarding, unless otherwise required by law.

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NYS DOH ELAP # 10954

Report Date: 6/4/99
Laboratory # [illegible]
Client: Madden Environmental Group

PRINT TIME JUN. 4. 3:26PM
Recieved Time Jun. 4. 5:00PM

TM8097

July 12, 1999

Modern Corporation
4746 Model City Road, P.O. Box 209
Model City, NY 14107-0209
Attn.: Mr. Marshall Hibbard

RE: Additional Backfill Source for IRM at Former Carborundum Globar Facility, Town of Niagara, NY

Dear Marshall,

I have reviewed the data package submitted July 8, 1999 with additional data submitted by fax on July 12, 1999 regarding proposed backfill sources for the above-mentioned site. The following additional backfill source was identified: Harold and Pletcher Roads in the Town of Lewiston adjacent to Modern Landfill, Inc.

Soils generated during the construction of a landfill cell are stockpiled at this site. Soils are classified under the USCS as SM and SC according to ASTM D-2487. A sample of soil from this source was collected and analyzed for PCBs, pesticides, semi-VOCs from TCL, VOCs from TCL, and TAL metals. Methylene chloride was detected at 136 ppb; however, Mr. Paul Chopra of Chopra-Lee, Inc. indicated that the concentration of methylene chloride in the laboratory blank was 63 ppm. A second sample of soil from this source was collected on July 8, 1999 and analyzed for VOCs from TCL on July 9, 1999. Methylene chloride was not detected in this second sample. Magnesium was detected in the sample at 9,560 ppm. Background concentrations for magnesium in Eastern USA typically range between 100 and 5,000 ppm. None of the detected concentrations are of concern. This source is therefore approved for use as clean backfill at the Former Carborundum Globar Facility site.

DE&S will examine and sample backfill material as it is brought on-site. Please feel free to contact me if you have any questions.

Sincerely,

Victoria Pianarosa

Victoria Pianarosa
Hydrogeologist

Duke Engineering & Services (Canada), Inc.
3075 14th Avenue, Suite 207
Markham, ON, Canada
L3R 0G9

Phone: (905) 513-9400
Facsimile: (905) 513-9405

New York State Department of Environmental Conservation

Division of Regulatory Affairs - Region 9
270 Michigan Avenue
Buffalo, New York 14203-2999
(716) 851-7165

Langdon Marsh
Acting Commissioner

April 20, 1994

Mr. James P. Boehrig, P.E.
Vice President of Engineering Services
Modern Corporations
4746 Model City Road
P. O. Box 209
Model City, New York 14107-0209

Dear Mr. Goehrig:

EXEMPTION FROM MINED LAND RECLAMATION LAW
FOR PROPOSED REMOVAL OF EXCESS SOIL FROM
MODERN LANDFILL
TOWN OF LEWISTON, NIAGARA COUNTY

This Department has reviewed the proposed improvements on the above referenced property, as outlined in the submitted letter from you dated April 13, 1994 and has determined that said improvements are exempt from the New York State Mined Land Reclamation Law, in accordance with 6 NYCRR 420.1(k) and 23-2705(8) of the Environmental Conservation Law.

However, significant deviation from the above referenced plans, or newly discovered facts, may result in re-evaluation of the applicability of the exemption. If, after the Department's re-appraisal, the exemption does not apply, legal action will be taken against the operator and the landowner for mining without a valid New York State Mining Permit, if more than one thousand tons of minerals have been removed from the earth within twelve successive calendar months (23-2711 of ECL).

Furthermore, you are hereby instructed to contact the Regional Solid Waste Engineer at the above address to determine the implications of the proposed soil removal with respect to the Part 360 Permit.

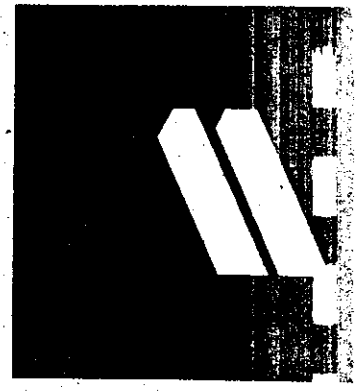
If you have any questions, please contact me at the above phone number/address, or Mr. Michael Meyers, Mined Land Reclamation Specialist I, at the Department of Environmental Conservation, Region 9 Sub-office, 128 South Street, Olean, New York 14760-3632, 716-372-0645.

Respectfully,

Paul D. Eismann
Deputy Regional Permit Administrator
Region 9 - Buffalo

PDE/rm

cc: Mr. Steven Doleski
Mr. Michael Meyers
Capt. David Schultz
Capt. Daniel Richter
Mr. Mark Hans



July 8, 1999

Kristen Hanson
Project Manager
Duke Engineering & Services
3075 14th Avenue, Suite 207
Markham, Ontario L3R 0G9

Re: Backfill Material at BP America's former Carborundum Globar Site

Dear Ms. Hanson:

Modern is requesting approval of one additional backfill source to obtain approximately 5,000 cubic yards of material for use at the BP America site.

The proposed source is located adjacent to Modern Landfill, Inc., which is located at the intersection of Harold and Pletcher Roads in the Town of Lewiston. I have enclosed copies of the analytical data that was completed on this backfill source.

Please review this information and contact Jerry Plewniak or me with any comments or questions.

Sincerely,

Marshall Hibbard
Site Supervisor
MODERN ENVIRONMENTAL GROUP, INC.

MH/jh

Enclosure

Cc: Jerry Plewniak (MEG)

Laboratory Report

Client: Modern Environmental Group
4746 Model City Road
PO Box 209
Model City, NY 14107

Attention: Jerry Plewniak

Project Reference #BP America

Purchase Order #

Project: Soil Sample Analysis for TCA, TCL, PCB's and Pesticides
Modern Landfill

Laboratory Project # NY906223
Project Manager: Paul S. Chopra, Laboratory Manag
Project Start Date: 6/23/99
Report Date: 7/9/99

Authorized Signature

☐ Ashraf Khan PhD., Senior Analytical Chemist
☑ Paul S. Chopra, Laboratory Manager

Sample Analysis Summary Table

Samples submitted by Modern Environmental Group on 6/23/99

Sample Identification / Lab Sample #	Sampling Date / Location / Description	Matrix / Sample Vessel	Analytical Parameters	Status	Date
1		Soil			
450725		-	Metals TAL (23) - Bulk	Analysis Completed	6/28/99
		-	PCBs in Bulk	Analysis Completed	6/29/99
		-	Pesticides in Bulk	Analysis Completed	6/30/99
		Clear Glass Bottle - 1 lb	Semivolatiles in Bulk - TCL	Analysis Completed	06/29/99
		-	Volatiles in Bulk - TCL	Analysis Completed	06/29/99

Samples submitted by Modern Environmental Group on 7/8/99

Sample Identification / Lab Sample #	Sampling Date / Location / Description	Matrix / Sample Vessel	Analytical Parameters	Status	Date
1A	7/8/99	Soil			
453296		Clear Glass Bottle -	Volatiles in Bulk - TCL	Analysis Completed	7/9/99

CHOPRA-LEE Incorporated
1815 Love Road
Grand Island, NY 14072
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QC:
Page # 1 of 1
Report Date: 7/9/99
Laboratory # NY906223 0
Client: Modern Environmental Group

Sample Results Table

1 450725 Date Completed: 6/28/99

Metals TAL (23) - Bulk

Method	Analyte	Analytical Sensitivity	Sample Concentration
SW 846 6010 / ICP	Aluminum	20 mg/kg	10300 mg/kg
	Antimony	1.5 mg/kg	<1.50 mg/kg
	Arsenic	2.5 mg/kg	5.30 mg/kg
	Barium	0.5 mg/kg	77.2 mg/kg
	Beryllium	0.2 mg/kg	0.560 mg/kg
	Cadmium	0.2 mg/kg	0.560 mg/kg
	Calcium	3 mg/kg	31600 mg/kg
	Chromium	0.5 mg/kg	14.4 mg/kg
	Cobalt	0.2 mg/kg	8.65 mg/kg
	Copper	0.5 mg/kg	22.4 mg/kg
	Iron	1.5 mg/kg	18700 mg/kg
	Lead	1 mg/kg	7.74 mg/kg
	Magnesium	3 mg/kg	9560 mg/kg
	Manganese	0.2 mg/kg	467 mg/kg
SW-846 7470 / CVAA	Mercury	0.02 mg/kg	0.0530 mg/kg
SW 846 6010 / ICP	Nickel	0.5 mg/kg	20.0 mg/kg
	Potassium	200 mg/kg	928 mg/kg
	Selenium	1.5 mg/kg	<1.50 mg/kg
	Silver	1 mg/kg	<1.00 mg/kg
	Sodium	20 mg/kg	363 mg/kg
	Thallium	1.5 mg/kg	<1.50 mg/kg
	Vanadium	0.5 mg/kg	19.7 mg/kg
	Zinc	0.5 mg/kg	43.7 mg/kg

Key: ND = Not Detected, * = detected in lab blank, <xx.x = less than analytical sensitivity

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Page # 1 of 2
Report Date: 7/9/99
Laboratory # NY806223 a
Client: Modern Environmental Group

Sample Results Table

1 **450725** Date Completed: 6/29/99

PCBs in Bulk

Method	Analyte	Analytical Sensitivity	Sample Concentration
SW 846 8082 / GC-ECD	Aroclor - 1016	0.1 mg/kg	ND
	Aroclor - 1221	0.1 mg/kg	ND
	Aroclor - 1232	0.1 mg/kg	ND
	Aroclor - 1242	0.1 mg/kg	ND
	Aroclor - 1248	0.1 mg/kg	ND
	Aroclor - 1254	0.1 mg/kg	ND
	Aroclor - 1260	0.1 mg/kg	ND

Key: ND = Not Detected, * = detected in lab blank, <xx.x = less than analytical sensitivity

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Page # 3 of 9
Report Date: 7/9/99
Laboratory # NY906221 D
Client: Modern Environmental Group

Sample Results Table

1 **450725** Date Completed: 6/30/99

Pesticides in Bulk

Method	Analyte	Analytical Sensitivity	Sample Concentration
SW 846 8081A / GC-ECD	4,4 DDD	5 ug/kg	ND
	4,4 DDE	5 ug/kg	ND
	4,4 DDT	5 ug/kg	ND
	Aldrin	5 ug/kg	ND
	alpha BHC	5 ug/kg	ND
	beta BHC	5 ug/kg	ND
	tech. Chlordane	25 ug/kg	ND
	delta BHC	5 ug/kg	ND
	Dieldrin	5 ug/kg	ND
	Endosulfan I	5 ug/kg	ND
	Endosulfan II	5 ug/kg	ND
	Endosulfan Sulfate	5 ug/kg	ND
	Endrin	5 ug/kg	ND
	Endrin Aldehyde	5 ug/kg	ND
	Endrin Ketone	5 ug/kg	ND
	gamma BHC	5 ug/kg	ND
	Heptachlor	5 ug/kg	ND
	Heptachlor epoxide	5 ug/kg	ND
	Methoxychlor	5 ug/kg	ND
	Toxaphene	200 ug/kg	ND

Key: ND = Not Detected, * = detected in lab blank, <xx.x = less than analytical sensitivity

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Page # 3 of 8
Report Date: 7/9/99
Laboratory # NY00423 0
Client: Modern Environmental Group

Sample Results Table

1 450725 Date Completed: 06/29/99

Semivolatiles in Bulk - TCL

Method	Analyte	Analytical Sensitivity	Sample Concentration
SW 846 8270 / GC-MS	1,2,4-Trichlorobenzene	100 ug/kg	ND
	1,2-Dichlorobenzene	100 ug/kg	ND
	1,2-Diphenylhydrazine	100 ug/kg	ND
	1,3-Dichlorobenzene	100 ug/kg	ND
	1,4-Dichlorobenzene	100 ug/kg	ND
	2,2'-Oxybis(1-chloropropane)	100 ug/kg	ND
	2,4,5-Trichlorophenol	100 ug/kg	ND
	2,4,6-Trichlorophenol	100 ug/kg	ND
	2,4-Dichlorophenol	100 ug/kg	ND
	2,4-Dimethylphenol	100 ug/kg	ND
	2,4-Dinitrophenol	100 ug/kg	ND
	2,4-Dinitrotoluene	100 ug/kg	ND
	2-Chloronaphthalene	100 ug/kg	ND
	2-Chlorophenol	100 ug/kg	ND
	2-Fluorophenol	100 ug/kg	ND
	2-Methylnaphthalene	100 ug/kg	ND
	2-Methylphenol	100 ug/kg	ND
	2-Nitroaniline	100 ug/kg	ND
	2-Nitrophenol	100 ug/kg	ND
	3,3'-Dichlorobenzidine	100 ug/kg	ND
	3-Nitroaniline	100 ug/kg	ND
	4,6-Dinitro-2-methyl phenol	100 ug/kg	ND
	4-Bromophenyl phenyl ether	100 ug/kg	ND
	4-Chloro-3-methylphenol	100 ug/kg	ND
	4-Chloroaniline	100 ug/kg	ND
	4-Chlorophenyl phenyl ether	100 ug/kg	ND
	4-Methylphenol	100 ug/kg	ND
	4-Nitroaniline	100 ug/kg	ND
	4-Nitrophenol	100 ug/kg	ND
	Acenaphthene	100 ug/kg	ND
	Acenaphthylene	100 ug/kg	ND
	Aniline	100 ug/kg	ND
	Anthracene	100 ug/kg	ND
	Benzidine	100 ug/kg	ND

Key: ND = Not Detected, * = detected in lab blank, <xx.x = less than analytical sensitivity

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Sample Results Table

1	450725		Date Completed: 06/29/99
SW 846 8270 / GC-MS	Benzo(a)anthracene	100 ug/kg	ND
	Benzo(a)pyrene	100 ug/kg	ND
	Benzo(b)fluoranthene	100 ug/kg	ND
	Benzo(g,h,i)perylene	100 ug/kg	ND
	Benzo(k)fluoranthene	100 ug/kg	ND
	Benzoic acid	100 ug/kg	ND
	Benzyl alcohol	100 ug/kg	ND
	Bis (2-chloroethoxy) methane	100 ug/kg	ND
	Bis (2-chloroethyl) ether	100 ug/kg	ND
	Bis (2-ethylhexyl) phthalate	100 ug/kg	ND
	Butyl benzyl phthalate	100 ug/kg	ND
	Carbazole	100 ug/kg	ND
	Chrysene	100 ug/kg	ND
	Dibenzo(a,h)anthracene	100 ug/kg	ND
	Dibenzofuran	100 ug/kg	ND
	Diethyl phthalate	100 ug/kg	ND
	Dimethyl phthalate	100 ug/kg	ND
	Di-n-butyl phthalate	100 ug/kg	ND
	Di-n-octyl phthalate	100 ug/kg	ND
	Fluoranthene	100 ug/kg	ND
	Fluorene	100 ug/kg	ND
	Hexachlorobenzene	100 ug/kg	ND
	Hexachlorobutadiene	100 ug/kg	ND
	Hexachlorocyclopentadiene	100 ug/kg	ND
	Hexachloroethane	100 ug/kg	ND
	Indeno(1,2,3-cd)pyrene	100 ug/kg	ND
	Isophorone	100 ug/kg	ND
	Naphthalene	100 ug/kg	ND
	Nitrobenzene	100 ug/kg	ND
	N-Nitrosodimethylamine	100 ug/kg	ND
	N-Nitroso-di-n-propylamine	100 ug/kg	ND
	N-Nitrosodiphenylamine	100 ug/kg	ND
	Pentachlorophenol	100 ug/kg	ND
	Phenanthrene	100 ug/kg	ND
	Phenol	100 ug/kg	ND
	Pyrene	100 ug/kg	ND

Key: ND = Not Detected, * = detected in lab blank, <xx.x = less than analytical sensitivity

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Page # 6 of 9
Report Date: 7/9/99
Laboratory # NY906223 0
Client: Modern Environmental Group

Sample Results Table

1 **450725** **Date Completed: 06/29/99**

Volatiles in Bulk - TCL

Method	Analyte	Analytical Sensitivity	Sample Concentration
SW 846 8260 / GC-MS	1,1,1,2-Tetrachloroethane	10 ug/kg	ND
	1,1,1-Trichloroethane	10 ug/kg	ND
	1,1,2,2-Tetrachloroethane	10 ug/kg	ND
	1,1,2-Trichloroethane	10 ug/kg	ND
	1,1-Dichloroethane	10 ug/kg	ND
	1,1-Dichloroethene	10 ug/kg	ND
	1,1-Dichloropropene	10 ug/kg	ND
	1,2,3-Trichlorobenzene	10 ug/kg	ND
	1,2,3-Trichloropropane	10 ug/kg	ND
	1,2,4-Trichlorobenzene	10 ug/kg	ND
	1,2,4-Trimethylbenzene	10 ug/kg	ND
	1,2-Dibromo-3-Chloropropane	10 ug/kg	ND
	1,2-Dibromoethane	10 ug/kg	ND
	1,2-Dichlorobenzene	10 ug/kg	ND
	1,2-Dichloroethane	10 ug/kg	ND
	1,2-Dichloropropane	10 ug/kg	ND
	1,3,5-Trimethylbenzene	10 ug/kg	ND
	1,3-Dichlorobenzene	10 ug/kg	ND
	1,3-Dichloropropene	10 ug/kg	ND
	1,4-Dichlorobenzene	10 ug/kg	ND
	2,2-Dichloropropane	10 ug/kg	ND
	2-Chlorotoluene	10 ug/kg	ND
	4-Chlorotoluene	10 ug/kg	ND
	Benzene	10 ug/kg	ND
	Bromobenzene	10 ug/kg	ND
	Bromodichloromethane	10 ug/kg	ND
	Bromoform	10 ug/kg	ND
	Bromomethane	10 ug/kg	ND
	Carbon tetrachloride	10 ug/kg	ND
	Chlorobenzene	10 ug/kg	<10.0 ug/kg
	Chlorodibromomethane	10 ug/kg	ND
	Chloroethane	10 ug/kg	ND
	Chloroform	10 ug/kg	ND
	Chloromethane	10 ug/kg	ND

Key: ND = Not Detected, * = detected in lab blank, <xx.x = less than analytical sensitivity

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Sample Results Table

1 450725 Date Completed: 06/29/99

SW 846 8260 / GC-MS	cis-1,2-Dichloroethene	10 ug/kg	ND
	cis-1,3-Dichloropropene	10 ug/kg	ND
	Dibromomethane	10 ug/kg	ND
	Dichlorodifluoromethane	10 ug/kg	ND
	Ethylbenzene	10 ug/kg	ND
	Hexachlorobutadiene	10 ug/kg	ND
	Isopropylbenzene	10 ug/kg	ND
	M+P-Xylene	10 ug/kg	ND
	Methylene chloride*	10 ug/kg	136 ug/kg
	Napthalene	10 ug/kg	ND
	n-Butylbenzene	10 ug/kg	ND
	n-Propylbenzene	10 ug/kg	ND
	o-Xylene	10 ug/kg	ND
	p-Isopropyltoluene	10 ug/kg	ND
	sec-Butylbenzene	10 ug/kg	ND
	Styrene	10 ug/kg	ND
	tert-Butylbenzene	10 ug/kg	ND
	Tetrachloroethene	10 ug/kg	ND
	Toluene	10 ug/kg	<10.0 ug/kg
	trans-1,2-Dichloroethene	10 ug/kg	ND
	Trans-1,3-Dichloropropene	10 ug/kg	ND
	Trichloroethene	10 ug/kg	<10.0 ug/kg
	Trichlorofluoromethane	10 ug/kg	ND
	Vinyl chloride	10 ug/kg	ND

Key: ND = Not Detected, * = detected in lab blank, <xx.x = less than analytical sensitivity

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Page # 7 of 9
Report Date: 7/9/99
Laboratory # NY900221 0
Client: Modern Environmental Group

Sample Results Table

1A **453296** Date Completed: 7/9/99

Volatiles in Bulk - TCL

Method	Analyte	Analytical Sensitivity	Sample Concentration
SW 846 8260 / GC-MS	1,1,1,2-Tetrachloroethane	10 ug/kg	ND
	1,1,1-Trichloroethane	10 ug/kg	ND
	1,1,2,2-Tetrachloroethane	10 ug/kg	ND
	1,1,2-Trichloroethane	10 ug/kg	ND
	1,1-Dichloroethane	10 ug/kg	ND
	1,1-Dichloroethene	10 ug/kg	ND
	1,1-Dichloropropene	10 ug/kg	ND
	1,2,3-Trichlorobenzene	10 ug/kg	ND
	1,2,3-Trichloropropane	10 ug/kg	ND
	1,2,4-Trichlorobenzene	10 ug/kg	ND
	1,2,4-Trimethylbenzene	10 ug/kg	ND
	1,2-Dibromo-3-Chloropropane	10 ug/kg	ND
	1,2-Dibromoethane	10 ug/kg	ND
	1,2-Dichlorobenzene	10 ug/kg	ND
	1,2-Dichloroethane	10 ug/kg	ND
	1,2-Dichloropropane	10 ug/kg	ND
	1,3,5-Trimethylbenzene	10 ug/kg	ND
	1,3-Dichlorobenzene	10 ug/kg	ND
	1,3-Dichloropropene	10 ug/kg	ND
	1,4-Dichlorobenzene	10 ug/kg	ND
	2,2-Dichloropropane	10 ug/kg	ND
	2-Chlorotoluene	10 ug/kg	ND
	4-Chlorotoluene	10 ug/kg	ND
	Benzene	10 ug/kg	ND
	Bromobenzene	10 ug/kg	ND
	Bromodichloromethane	10 ug/kg	ND
	Bromoform	10 ug/kg	ND
	Bromomethane	10 ug/kg	ND
	Carbon tetrachloride	10 ug/kg	ND
	Chlorobenzene	10 ug/kg	ND
	Chlorodibromomethane	10 ug/kg	ND
	Chloroethane	10 ug/kg	ND
	Chloroform	10 ug/kg	ND
	Chloromethane	10 ug/kg	ND

Key: ND = Not Detected, * = detected in lab blank, <xx.x = less than analytical sensitivity

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Sample Results Table

1A **453296** Date Completed: 7/9/99

SW 846 8260 / GC-MS			
	cis-1,2-Dichloroethene	10 ug/kg	ND
	cis-1,3-Dichloropropene	10 ug/kg	ND
	Dibromomethane	10 ug/kg	ND
	Dichlorodifluoromethane	10 ug/kg	ND
	Ethylbenzene	10 ug/kg	ND
	Hexachlorobutadiene	10 ug/kg	ND
	Isopropylbenzene	10 ug/kg	ND
	M+P-Xylene	10 ug/kg	ND
	Methylene chloride	10 ug/kg	<10.0 ug/kg
	Napthalene	10 ug/kg	ND
	n-Butylbenzene	10 ug/kg	ND
	n-Propylbenzene	10 ug/kg	ND
	o-Xylene	10 ug/kg	ND
	p-Isopropyltoluene	10 ug/kg	ND
	sec-Butylbenzene	10 ug/kg	ND
	Styrene	10 ug/kg	ND
	tert-Butylbenzene	10 ug/kg	ND
	Tetrachloroethene	10 ug/kg	ND
	Toluene	10 ug/kg	ND
	trans-1,2-Dichloroethene	10 ug/kg	ND
	Trans-1,3-Dichloropropene	10 ug/kg	ND
	Trichloroethene	10 ug/kg	ND
	Trichlorofluoromethane	10 ug/kg	ND
	Vinyl chloride	10 ug/kg	ND

Key: ND = Not Detected, * = detected in lab blank, <xx.x = less than analytical sensitivity

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Page # 0 of 0
Report Date: 7/9/99
Laboratory # NY906622 0
Client: Modern Environmental Group

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BF001

Lab Name:Severn Trent Labs Contract:TM8097

Lab Code:10142 Case No.: SAS No.: SDG No.:DE535

Matrix: (soil/water) SOIL Lab Sample ID:203649-04

Sample wt/vol: 1.00 (g/ml) G Lab File ID: W1036

Level: (low/med) LOW Date Received: 6/09/99

% Moisture: not dec. 14 Date Analyzed: 6/09/99

GC Column:DB-624 ID: 0.53 (mm) Dilution Factor: 5.0

Soil Extract Volume:0 (uL) Soil Aliquot Volume:0 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	58.	U
74-83-9	Bromomethane	58.	U
75-01-4	Vinyl Chloride	58.	U
75-00-3	Chloroethane	58.	U
75-09-2	Methylene Chloride	58.	U
67-64-1	Acetone	38.	J
75-15-0	Carbon Disulfide	58.	U
75-35-4	1,1-Dichloroethene	58.	U
75-34-3	1,1-Dichloroethane	58.	U
108-05-4	Vinyl Acetate	58.	U
156-60-5	1,2-Dichloroethene total	58.	U
67-66-3	Chloroform	58.	U
107-06-2	1,2-Dichloroethane	58.	U
78-93-3	2-Butanone	58.	U
71-55-6	1,1,1-Trichloroethane	58.	U
56-23-5	Carbon Tetrachloride	58.	U
75-27-4	Bromodichloromethane	58.	U
78-87-5	1,2-Dichloropropane	58.	U
10061-01-5	cis-1,3-Dichloropropene	58.	U
79-01-6	Trichloroethene	58.	U
124-48-1	Dibromochloromethane	58.	U
110-75-8	2-Chloroethylvinylether	58.	U
79-00-5	1,1,2-Trichloroethane	58.	U
71-43-2	Benzene	58.	U
10061-02-6	trans-1,3-Dichloropropene	58.	U
75-25-2	Bromoform	58.	U
108-10-1	4-Methyl-2-Pentanone	58.	U
591-78-6	2-Hexanone	58.	U
127-18-4	Tetrachloroethene	58.	U
79-34-5	1,1,2,2-Tetrachloroethane	58.	U
108-88-3	Toluene	58.	U
108-90-7	Chlorobenzene	58.	U
100-41-4	Ethylbenzene	58.	U
100-42-5	Styrene	58.	U
1330-20-7	total-Xylene	58.	U
541-73-1	1,3-Dichlorobenzene	58.	U
106-46-7	1,4-Dichlorobenzene	58.	U

STL
315 Fullerton Avenue
Newburgh, NY 12550

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BF001

Lab Name:Severn Trent Labs Contract:TM8097

Lab Code:10142 Case No.: SAS No.: SDG No.:DE535

Matrix: (soil/water) SOIL Lab Sample ID:203649-04

Sample wt/vol: 1.00 (g/ml) G Lab File ID: W1036

Level: (low/med) LOW Date Received: 6/09/99

% Moisture: not dec. 14 Date Analyzed: 6/09/99

GC Column:DB-624 ID: 0.53 (mm) Dilution Factor: 5.0

Soil Extract Volume:0 (uL) Soil Aliquot Volume:0 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
95-50-1	1,2-Dichlorobenzene	58.	U

315 Fullerton Avenue
Newburgh, NY 12550
Tel: (914) 562-0890
Fax: (914) 562-0841

1E

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

BF001

Lab Name:Severn Trent Labs Contract:TM8097

Lab Code:10142 Case No.: SAS No.: SDG No.:DE535

Matrix: (soil/water) SOIL Lab Sample ID:203649-04

Sample wt/vol: 1.00 (g/ml) G Lab File ID: W1036

Level: (low/med) LOW Date Received: 6/09/99

% Moisture: not dec. 14 Date Analyzed: 6/09/99

GC Column:DB-624 ID: 0.53 (mm) Dilution Factor: 5.0

Soil Extract Volume:0 (uL) Soil Aliquot Volume:0 (uL)

Number TICs Found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	71-23-8	1-Propanol	11.36	140.	JN
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SEMI-VOLATILE ORGANICS ANALYSIS DATA SHEET

Client ID: BF001
STL Lab No.: 203649-04
Client Name: Duke Engineering
Project Name: TM8097
% Solid: 86.4
Matrix: Soil pH: 6.72
Sample Wt/Vol.: 30 g GPC: N
Level: Low

Date Collected: 6/8/99
Date Received: 6/9/99
Date Extracted: 6/10/99
Date Analyzed: 6/10/99
Report Date: 7/26/99
Column: DB-5
Lab File ID: E16378.D
Dilution Factor: 1

CAS No.	Compound	Detection Limit ug/kg	Conc ug/kg
91-20-3	Naphthalene	390.0	U
91-57-6	2-Methylnaphthalene	390.0	U
91-58-7	2-Chloronaphthalene	390.0	U
83-32-9	Acenaphthene	390.0	U
86-73-7	Fluorene	390.0	U
85-01-8	Phenanthrene	390.0	U
120-12-7	Anthracene	390.0	U
206-44-0	Fluoranthene	390.0	U
129-00-0	Pyrene	390.0	U
56-55-3	Benzo (a) anthracene	390.0	U
218-01-9	Chrysene	390.0	U
205-99-2	Benzo (b) fluoranthene	390.0	U
207-08-9	Benzo (k) fluoranthene	390.0	U
50-32-8	Benzo (a) pyrene	390.0	U
193-39-5	Indeno (1,2,3-cd) pyrene	390.0	U
53-70-3	Dibenz (a,h) anthracene	390.0	U
191-24-2	Benzo (g,h,i) perylene	390.0	U
208-96-8	Acenaphthylene	390.0	U

FORM I - SV

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Inorganics Analysis Data Sheet
Form I - IN

Client Name: Duke Engineering
Project Name: TM8097
STL Sample Number: 203649-04
Client I.D.: BF001
Date Collected: 08-JUN-99
Matrix: 3 Soil/Sldg
Date Received: 09-JUN-99
Comments:

Analysis	Result	Units	Method	Analyzed
Aluminum	14000 E	MG/KG	6010	15-JUN-99
Antimony	1.1 U N	MG/KG	6010	15-JUN-99
Arsenic	6.4	MG/KG	6010	15-JUN-99
Barium	82.2 B E	MG/KG	6010	15-JUN-99
Beryllium	0.7 B	MG/KG	6010	15-JUN-99
Cadmium	0.3 B	MG/KG	6010	15-JUN-99
Calcium	36300 * E	MG/KG	6010	15-JUN-99
Chromium	19.8 E	MG/KG	6010	15-JUN-99
Cobalt	11.5 B	MG/KG	6010	15-JUN-99
Copper	21.4 E	MG/KG	6010	15-JUN-99
Iron	24900 E	MG/KG	6010	15-JUN-99
Lead	11.7	MG/KG	6010	15-JUN-99
Magnesium	9960 E	MG/KG	6010	15-JUN-99
Manganese	536 E	MG/KG	6010	15-JUN-99
Mercury	0.1 U	MG/KG	7471	11-JUN-99
Nickel	22.3	MG/KG	6010	15-JUN-99
Percent Solids	86.4	%	160.3	10-JUN-99
Potassium	2510	MG/KG	6010	15-JUN-99
Selenium	0.6 U W N	MG/KG	7740	16-JUN-99
Silver	1.4 B N	MG/KG	6010	15-JUN-99
Sodium	40.8 U	MG/KG	6010	15-JUN-99
Thallium	0.5 U	MG/KG	6010	15-JUN-99
Vanadium	27.4	MG/KG	6010	15-JUN-99
Zinc	57.3 E	MG/KG	6010	15-JUN-99

Remarks:

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BF002

Lab Name:SEVERN TRENT LABS Contract:TM8097

Lab Code:10142 Case No.:##### SAS No.:##### SDG No.:DE634

Matrix: (soil/water) SOIL Lab Sample ID:204736-01

Sample wt/vol: 1.00 (g/ml) G Lab File ID: W1295

Level: (low/med) LOW Date Received: 7/02/99

% Moisture: not dec. 18 Date Analyzed: 7/04/99

GC Column:DB-624 ID: 0.53 (mm) Dilution Factor: 5.0

Soil Extract Volume:0 (uL) Soil Aliquot Volume:0 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	61.	U
74-83-9	Bromomethane	61.	U
75-01-4	Vinyl Chloride	61.	U
75-00-3	Chloroethane	61.	U
75-09-2	Methylene Chloride	61.	U
67-64-1	Acetone	56.	JB
75-15-0	Carbon Disulfide	61.	U
75-35-4	1,1-Dichloroethene	61.	U
75-34-3	1,1-Dichloroethane	61.	U
108-05-4	Vinyl Acetate	61.	U
156-60-5	1,2-Dichloroethene total	61.	U
67-66-3	Chloroform	61.	U
107-06-2	1,2-Dichloroethane	61.	U
78-93-3	2-Butanone	61.	U
71-55-6	1,1,1-Trichloroethane	61.	U
56-23-5	Carbon Tetrachloride	61.	U
75-27-4	Bromodichloromethane	61.	U
78-87-5	1,2-Dichloropropane	61.	U
10061-01-5	cis-1,3-Dichloropropene	61.	U
79-01-6	Trichloroethene	61.	U
124-48-1	Dibromochloromethane	61.	U
110-75-8	2-Chloroethylvinylether	61.	U
79-00-5	1,1,2-Trichloroethane	61.	U
71-43-2	Benzene	61.	U
10061-02-6	trans-1,3-Dichloropropene	61.	U
75-25-2	Bromoform	61.	U
108-10-1	4-Methyl-2-Pentanone	61.	U
591-78-6	2-Hexanone	61.	U
127-18-4	Tetrachloroethene	61.	U
79-34-5	1,1,2,2-Tetrachloroethane	61.	U
108-88-3	Toluene	61.	U
108-90-7	Chlorobenzene	61.	U
100-41-4	Ethylbenzene	61.	U
100-42-5	Styrene	61.	U
1330-20-7	total-Xylene	61.	U
541-73-1	1,3-Dichlorobenzene	61.	U
106-46-7	1,4-Dichlorobenzene	61.	U

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1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BF002

Lab Name:SEVERN TRENT LABS Contract:TM8097

Lab Code:10142 Case No.:##### SAS No.:##### SDG No.:DE634

Matrix: (soil/water) SOIL Lab Sample ID:204736-01

Sample wt/vol: 1.00 (g/ml) G Lab File ID: W1295

Level: (low/med) LOW Date Received: 7/02/99

% Moisture: not dec. 18 Date Analyzed: 7/04/99

GC Column:DB-624 ID: 0.53 (mm) Dilution Factor: 5.0

Soil Extract Volume:0 (uL) Soil Aliquot Volume:0 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
95-50-1	1,2-Dichlorobenzene	61.	U

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1E

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

BF002

Lab Name:SEVERN TRENT LABS Contract:TM8097

Lab Code:10142 Case No.:##### SAS No.:##### SDG No.:DE634

Matrix: (soil/water) SOIL Lab Sample ID:204736-01

Sample wt/vol: 1.00 (g/ml) G Lab File ID: W1295

Level: (low/med) LOW Date Received: 7/02/99

% Moisture: not dec. 18 Date Analyzed: 7/04/99

GC Column:DB-624 ID: 0.53 (mm) Dilution Factor: 5.0

Soil Extract Volume:0 (uL) Soil Aliquot Volume:0 (uL)

Number TICs Found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	71-23-8	1-Propanol	11.42	93.	JN
2.					
3.					
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1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BF002

Lab Name:Severn Trent Laboratories Contract:TM8097

ab Code:10142 Case No.:#### SAS No.:#### SDG No.:DU736

Matrix: (soil/water) SOIL Lab Sample ID:204736-01

ample wt/vol: 30.0 (g/ml) G Lab File ID: E16615

Level: (low/med) LOW Date Received: 7/02/99

Moisture: 18 decanted: (Y/N) N Date Extracted: 7/06/99

Concentrated Extract Volume: 1000.0 (uL) Date Analyzed: 7/26/99

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

PC Cleanup: (Y/N) N pH: 7.7

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
62-75-9	n-Nitrosodimethylamine	410.	U
111-44-4	bis(2-Chloroethyl)ether	410.	U
108-95-2	Phenol	410.	U
95-57-8	2-Chlorophenol	410.	U
541-73-1	1,3-Dichlorobenzene	410.	U
106-46-7	1,4-Dichlorobenzene	410.	U
95-50-1	1,2-Dichlorobenzene	410.	U
100-57-6	Benzyl alcohol	410.	U
108-60-1	2,2'-oxybis(1-Chloropropane)	410.	U
95-48-7	2-Methylphenol	410.	U
67-72-1	Hexachloroethane	410.	U
621-64-7	N-Nitroso-di-n-propylamine	410.	U
106-44-5	4-Methylphenol	410.	U
989-53-0	Nitrobenzene	410.	U
78-59-1	Isophorone	410.	U
887-55-2	2-Nitrophenol	410.	U
105-67-9	2,4-Dimethylphenol	410.	U
111-91-1	bis(2-Chloroethoxy)methane	410.	U
120-83-2	2,4-Dichlorophenol	410.	U
120-82-1	1,2,4-Trichlorobenzene	410.	U
91-20-3	Naphthalene	410.	U
106-47-8	4-Chloroaniline	410.	U
87-68-3	Hexachlorobutadiene	410.	U
59-50-7	4-Chloro-3-methylphenol	410.	U
91-57-6	2-Methylnaphthalene	410.	U
77-47-4	Hexachlorocyclopentadiene	410.	U
88-06-2	2,4,6-Trichlorophenol	410.	U
95-95-4	2,4,5-Trichlorophenol	410.	U
91-58-7	2-Chloronaphthalene	410.	U
88-74-4	2-Nitroaniline	1000.	U
208-96-8	Acenaphthylene	410.	U
131-11-3	Dimethylphthalate	410.	U
606-20-2	2,6-Dinitrotoluene	410.	U

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1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BF002

Lab Name:Severn Trent Laboratories Contract:TM8097

Lab Code:10142 Case No.:#### SAS No.:#### SDG No.:DU736

Matrix: (soil/water) SOIL Lab Sample ID:204736-01

Sample wt/vol: 30.0 (g/ml) G Lab File ID: E16615

Level: (low/med) LOW Date Received: 7/02/99

% Moisture: 18 decanted: (Y/N) N Date Extracted: 7/06/99

Concentrated Extract Volume: 1000.0 (uL) Date Analyzed: 7/26/99

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.7

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	410.	U
99-09-2	3-Nitroaniline	1000.	U
51-28-5	2,4-Dinitrophenol	1000.	U
132-64-9	Dibenzofuran	410.	U
121-14-2	2,4-Dinitrotoluene	410.	U
100-02-7	4-Nitrophenol	1000.	U
86-73-7	Fluorene	410.	U
7005-72-3	4-Chlorophenyl-phenylether	410.	U
84-66-2	Diethylphthalate	410.	U
100-01-6	4-Nitroaniline	1000.	U
534-52-1	4,6-Dinitro-2-methylphenol	1000.	U
86-30-6	n-Nitrosodiphenylamine (1)	410.	U
101-55-3	4-Bromophenyl-phenylether	410.	U
118-74-1	Hexachlorobenzene	410.	U
87-86-5	Pentachlorophenol	1000.	U
85-01-8	Phenanthrene	410.	U
120-12-7	Anthracene	410.	U
84-74-2	Di-n-butylphthalate	410.	U
206-44-0	Fluoranthene	410.	U
129-00-0	Pyrene	410.	U
85-68-7	Butylbenzylphthalate	410.	U
91-94-1	3,3'-Dichlorobenzidine	810.	U
56-55-3	Benzo(a)anthracene	410.	U
218-01-9	Chrysene	410.	U
117-81-7	bis(2-Ethylhexyl)phthalate	410.	U
117-84-0	Di-n-Octylphthalate	410.	U
205-99-2	Benzo(b)fluoranthene	410.	U
207-08-9	Benzo(k)fluoranthene	410.	U
50-32-8	Benzo(a)pyrene	410.	U
193-39-5	Indeno(1,2,3-cd)pyrene	410.	U
53-70-3	Dibenz(a,h)anthracene	410.	U
191-24-2	Benzo(g,h,i)perylene	410.	U

(1) - Cannot be separated from Diphenylamine

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1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BF002

Lab Name:Severn Trent Laboratories Contract:TM8097

Lab Code:10142 Case No.:#### SAS No.:#### SDG No.:DU736

Matrix: (soil/water) SOIL Lab Sample ID:204736-01

Sample wt/vol: 30.0 (g/ml) G Lab File ID: E16615

Level: (low/med) LOW Date Received: 7/02/99

% Moisture: 18 decanted: (Y/N) N Date Extracted: 7/06/99

Concentrated Extract Volume: 1000.0 (uL) Date Analyzed: 7/26/99

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.7

Number TICs Found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.					
2.					
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Inorganics Analysis Data Sheet
Form I - IN

Client Name: Duke Engineering
Project Name: TM8097

STL Sample Number: 204736-01

Client I.D.: BF002

Date Collected: 30-JUN-99
Matrix: 3 Soil/Sldg

Date Received: 02-JUL-99

Comments:

Analysis	Result	Units	Method	Analyzed
Aluminum	12200	MG/KG	6010	27-JUL-99
Antimony	1.5 U	MG/KG	6010	27-JUL-99
Arsenic	5.7	MG/KG	6010	27-JUL-99
Barium	140	MG/KG	6010	27-JUL-99
Beryllium	0.6 B	MG/KG	6010	27-JUL-99
Cadmium	0.1 B	MG/KG	6010	27-JUL-99
Calcium	45600	MG/KG	6010	27-JUL-99
Chromium	17.5	MG/KG	6010	27-JUL-99
Cobalt	13.8	MG/KG	6010	27-JUL-99
Copper	24.3	MG/KG	6010	27-JUL-99
Iron	21600 E	MG/KG	6010	27-JUL-99
Lead	9.2	MG/KG	6010	27-JUL-99
Magnesium	9700	MG/KG	6010	27-JUL-99
Manganese	672	MG/KG	6010	27-JUL-99
Mercury	0.1 U	MG/KG	7471	07-JUL-99
Nickel	24.2	MG/KG	6010	27-JUL-99
Percent Solids	82.1	%	160.4	16-JUL-99
Potassium	2550 E	MG/KG	6010	27-JUL-99
Selenium	0.6 U	MG/KG	7740	27-JUL-99
Silver	3.9 N	MG/KG	6010	27-JUL-99
Sodium	330 B	MG/KG	6010	27-JUL-99
Thallium	1.0 U	MG/KG	6010	27-JUL-99
Vanadium	24.4	MG/KG	6010	27-JUL-99
Zinc	70.4	MG/KG	6010	27-JUL-99

Remarks:

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1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BF003

Lab Name:Severn Trent Laboratories Contract:TM8097

Lab Code:10142 Case No.:##### SAS No.:##### SDG No.:DE189

Matrix: (soil/water) SOIL Lab Sample ID:205189-05

Sample wt/vol: 1.00 (g/ml) G Lab File ID: W1406

Level: (low/med) LOW Date Received: 7/14/99

% Moisture: not dec. 14 Date Analyzed: 7/14/99

GC Column:DB-624 ID: 0.53 (mm) Dilution Factor: 5.0

Soil Extract Volume:0 (uL) Soil Aliquot Volume:0 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	58.	U
74-83-9	Bromomethane	58.	U
75-01-4	Vinyl Chloride	58.	U
75-00-3	Chloroethane	58.	U
75-09-2	Methylene Chloride	58.	U
67-64-1	Acetone	190.	B
75-15-0	Carbon Disulfide	58.	U
75-35-4	1,1-Dichloroethene	58.	U
75-34-3	1,1-Dichloroethane	58.	U
108-05-4	Vinyl Acetate	58.	U
156-60-5	1,2-Dichloroethene total	58.	U
67-66-3	Chloroform	58.	U
107-06-2	1,2-Dichloroethane	58.	U
78-93-3	2-Butanone	58.	U
71-55-6	1,1,1-Trichloroethane	58.	U
56-23-5	Carbon Tetrachloride	58.	U
75-27-4	Bromodichloromethane	58.	U
78-87-5	1,2-Dichloropropane	58.	U
10061-01-5	cis-1,3-Dichloropropene	58.	U
79-01-6	Trichloroethene	58.	U
124-48-1	Dibromochloromethane	58.	U
110-75-8	2-Chloroethylvinylether	58.	U
79-00-5	1,1,2-Trichloroethane	58.	U
71-43-2	Benzene	58.	U
10061-02-6	trans-1,3-Dichloropropene	58.	U
75-25-2	Bromoform	58.	U
108-10-1	4-Methyl-2-Pentanone	58.	U
591-78-6	2-Hexanone	58.	U
127-18-4	Tetrachloroethene	58.	U
79-34-5	1,1,2,2-Tetrachloroethane	58.	U
108-88-3	Toluene	58.	U
108-90-7	Chlorobenzene	58.	U
100-41-4	Ethylbenzene	58.	U
100-42-5	Styrene	58.	U
1330-20-7	total-Xylene	58.	U
541-73-1	1,3-Dichlorobenzene	58.	U
106-46-7	1,4-Dichlorobenzene	58.	U

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1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BF003

Lab Name:Severn Trent Laboratories Contract:TM8097

Lab Code:10142 Case No.:##### SAS No.:##### SDG No.:DE189

Matrix: (soil/water) SOIL Lab Sample ID:205189-05

Sample wt/vol: 1.00 (g/ml) G Lab File ID: W1406

Level: (low/med) LOW Date Received: 7/14/99

% Moisture: not dec. 14 Date Analyzed: 7/14/99

GC Column:DB-624 ID: 0.53 (mm) Dilution Factor: 5.0

Soil Extract Volume:0 (uL) Soil Aliquot Volume:0 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
95-50-1	1,2-Dichlorobenzene	58.	U

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

BF003

Lab Name:Severn Trent Laboratories Contract:TM8097

Lab Code:10142 Case No.:##### SAS No.:##### SDG No.:DE189

Matrix: (soil/water) SOIL Lab Sample ID:205189-05

Sample wt/vol: 1.00 (g/ml) G Lab File ID: W1406

Level: (low/med) LOW Date Received: 7/14/99

% Moisture: not dec. 14 Date Analyzed: 7/14/99

GC Column:DB-624 ID: 0.53 (mm) Dilution Factor: 5.0

Soil Extract Volume:0 (uL) Soil Aliquot Volume:0 (uL)

Number TICs Found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	71-23-8	1-Propanol	11.42	90.	NJ
2.					
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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BF003

Lab Name:Severn Trent Laboratories Contract:TM8097

Lab Code:10142 Case No.:##### SAS No.:##### SDG No.:DK189

Matrix: (soil/water) SOIL Lab Sample ID:205189-05

Sample wt/vol: 30.0 (g/ml) G Lab File ID: E16621

Level: (low/med) LOW Date Received: 7/14/99

% Moisture: 14 decanted: (Y/N) N Date Extracted: 7/14/99

Concentrated Extract Volume: 1000.0 (uL) Date Analyzed: 7/26/99

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.3

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
62-75-9	n-Nitrosodimethylamine	390.	U
111-44-4	bis(2-Chloroethyl)ether	390.	U
108-95-2	Phenol	390.	U
95-57-8	2-Chlorophenol	390.	U
541-73-1	1,3-Dichlorobenzene	390.	U
106-46-7	1,4-Dichlorobenzene	390.	U
95-50-1	1,2-Dichlorobenzene	390.	U
100-57-6	Benzyl alcohol	390.	U
108-60-1	2,2'-oxybis(1-Chloropropane)	390.	U
95-48-7	2-Methylphenol	390.	U
67-72-1	Hexachloroethane	390.	U
621-64-7	N-Nitroso-di-n-propylamine	390.	U
106-44-5	4-Methylphenol	390.	U
989-53-0	Nitrobenzene	390.	U
78-59-1	Isophorone	390.	U
887-55-2	2-Nitrophenol	390.	U
105-67-9	2,4-Dimethylphenol	390.	U
111-91-1	bis(2-Chloroethoxy)methane	390.	U
120-83-2	2,4-Dichlorophenol	390.	U
120-82-1	1,2,4-Trichlorobenzene	390.	U
91-20-3	Naphthalene	390.	U
106-47-8	4-Chloroaniline	390.	U
87-68-3	Hexachlorobutadiene	390.	U
59-50-7	4-Chloro-3-methylphenol	390.	U
91-57-6	2-Methylnaphthalene	390.	U
77-47-4	Hexachlorocyclopentadiene	390.	U
88-06-2	2,4,6-Trichlorophenol	390.	U
95-95-4	2,4,5-Trichlorophenol	390.	U
91-58-7	2-Chloronaphthalene	390.	U
88-74-4	2-Nitroaniline	970.	U
208-96-8	Acenaphthylene	390.	U
131-11-3	Dimethylphthalate	390.	U
606-20-2	2,6-Dinitrotoluene	390.	U

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1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BF003

Lab Name:Severn Trent Laboratories Contract:TM8097

ab Code:10142 Case No.:##### SAS No.:##### SDG No.:DK189

Matrix: (soil/water) SOIL Lab Sample ID:205189-05

ample wt/vol: 30.0 (g/ml) G Lab File ID: E16621

Level: (low/med) LOW Date Received: 7/14/99

Moisture: 14 decanted: (Y/N) N Date Extracted: 7/14/99

Concentrated Extract Volume: 1000.0 (uL) Date Analyzed: 7/26/99

njection Volume: 2.0 (uL) Dilution Factor: 1.0

PC Cleanup: (Y/N) N pH: 7.3

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	390.	U
99-09-2	3-Nitroaniline	970.	U
51-28-5	2,4-Dinitrophenol	970.	U
132-64-9	Dibenzofuran	390.	U
121-14-2	2,4-Dinitrotoluene	390.	U
100-02-7	4-Nitrophenol	970.	U
86-73-7	Fluorene	390.	U
7005-72-3	4-Chlorophenyl-phenylether	390.	U
84-66-2	Diethylphthalate	390.	U
100-01-6	4-Nitroaniline	970.	U
534-52-1	4,6-Dinitro-2-methylphenol	970.	U
86-30-6	n-Nitrosodiphenylamine (1)	390.	U
101-55-3	4-Bromophenyl-phenylether	390.	U
118-74-1	Hexachlorobenzene	390.	U
87-86-5	Pentachlorophenol	970.	U
85-01-8	Phenanthrene	390.	U
120-12-7	Anthracene	390.	U
84-74-2	Di-n-butylphthalate	390.	U
206-44-0	Fluoranthene	390.	U
129-00-0	Pyrene	390.	U
85-68-7	Butylbenzylphthalate	390.	U
91-94-1	3,3'-Dichlorobenzidine	780.	U
56-55-3	Benzo(a)anthracene	390.	U
218-01-9	Chrysene	390.	U
117-81-7	bis(2-Ethylhexyl)phthalate	390.	U
117-84-0	Di-n-Octylphthalate	390.	U
205-99-2	Benzo(b)fluoranthene	390.	U
207-08-9	Benzo(k)fluoranthene	390.	U
50-32-8	Benzo(a)pyrene	390.	U
193-39-5	Indeno(1,2,3-cd)pyrene	390.	U
53-70-3	Dibenz(a,h)anthracene	390.	U
191-24-2	Benzo(g,h,i)perylene	390.	U

(1) - Cannot be separated from Diphenylamine

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1F

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

BF003

Lab Name:Severn Trent Laboratories Contract:TM8097

Lab Code:10142 Case No.:##### SAS No.:##### SDG No.:DK189

Matrix: (soil/water) SOIL Lab Sample ID:205189-05

Sample wt/vol: 30.0 (g/ml) G Lab File ID: E16621

Level: (low/med) LOW Date Received: 7/14/99

% Moisture: 14 decanted: (Y/N) N Date Extracted: 7/14/99

Concentrated Extract Volume: 1000.0 (uL) Date Analyzed: 7/26/99

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7.3

Number TICs Found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.					
2.					
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Fax: (914) 562-0841

Inorganics Analysis Data Sheet
Form I - IN

Client Name: Duke Engineering
Project Name: TM8097
STL Sample Number: 205189-05
Client I.D.: BF003
Date Collected: 12-JUL-99
Matrix: 3 Soil/Sldg
Date Received: 14-JUL-99
Comments:

Analysis	Result	Units	Method	Analyzed
Aluminum	13600	MG/KG	6010	28-JUL-99
Antimony	1.4 U N	MG/KG	6010	28-JUL-99
Arsenic	6.2	MG/KG	6010	28-JUL-99
Barium	148	MG/KG	6010	10-AUG-99
Beryllium	0.6 B	MG/KG	6010	28-JUL-99
Cadmium	0.1 U	MG/KG	6010	28-JUL-99
Calcium	52200	MG/KG	6010	28-JUL-99
Chromium	20.5	MG/KG	6010	28-JUL-99
Cobalt	12.1	MG/KG	6010	28-JUL-99
Copper	37.2 * N	MG/KG	6010	28-JUL-99
Iron	23000	MG/KG	6010	28-JUL-99
Lead	22.1	MG/KG	6010	28-JUL-99
Magnesium	16900	MG/KG	6010	28-JUL-99
Manganese	612	MG/KG	6010	28-JUL-99
Mercury	0.1 U	MG/KG	7471	14-JUL-99
Nickel	25.1	MG/KG	6010	28-JUL-99
Percent Solids	86.0	%	160.4	14-JUL-99
Potassium	2320	MG/KG	6010	10-AUG-99
Selenium	0.7 B N	MG/KG	7740	26-JUL-99
Silver	3.2	MG/KG	6010	28-JUL-99
Sodium	222 B	MG/KG	6010	28-JUL-99
Thallium	0.9 U	MG/KG	6010	28-JUL-99
Vanadium	26.6	MG/KG	6010	28-JUL-99
Zinc	99.6	MG/KG	6010	28-JUL-99

Remarks:

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BF004

Lab Name:Severn Trent Laboratories Contract:TM8097

Lab Code:10142 Case No.:##### SAS No.:##### SDG No.:DE589

Matrix: (soil/water) SOIL Lab Sample ID:205627-03

Sample wt/vol: 1.00 (g/ml) G Lab File ID: X3288

Level: (low/med) LOW Date Received: 7/23/99

% Moisture: not dec. 15 Date Analyzed: 7/26/99

GC Column:DB-624 ID: 0.25 (mm) Dilution Factor: 5.0

Soil Extract Volume:0 (uL) Soil Aliquot Volume:0 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	59.	U
74-83-9	Bromomethane	59.	U
75-01-4	Vinyl Chloride	59.	U
75-00-3	Chloroethane	59.	U
75-09-2	Methylene Chloride	59.	U
67-64-1	Acetone	16.	JB
75-15-0	Carbon Disulfide	59.	U
75-35-4	1,1-Dichloroethene	59.	U
75-34-3	1,1-Dichloroethane	59.	U
108-05-4	Vinyl Acetate	59.	U
156-60-5	1,2-Dichloroethene total	59.	U
67-66-3	Chloroform	59.	U
107-06-2	1,2-Dichloroethane	59.	U
78-93-3	2-Butanone	59.	U
71-55-6	1,1,1-Trichloroethane	59.	U
56-23-5	Carbon Tetrachloride	59.	U
75-27-4	Bromodichloromethane	59.	U
78-87-5	1,2-Dichloropropane	59.	U
10061-01-5	cis-1,3-Dichloropropene	59.	U
79-01-6	Trichloroethene	59.	U
124-48-1	Dibromochloromethane	59.	U
110-75-8	2-Chloroethylvinylether	59.	U
79-00-5	1,1,2-Trichloroethane	59.	U
71-43-2	Benzene	59.	U
10061-02-6	trans-1,3-Dichloropropene	59.	U
75-25-2	Bromoform	59.	U
108-10-1	4-Methyl-2-Pentanone	59.	U
591-78-6	2-Hexanone	59.	U
127-18-4	Tetrachloroethene	59.	U
79-34-5	1,1,2,2-Tetrachloroethane	59.	U
108-88-3	Toluene	59.	U
108-90-7	Chlorobenzene	59.	U
100-41-4	Ethylbenzene	59.	U
100-42-5	Styrene	59.	U
1330-20-7	total-Xylene	59.	U
541-73-1	1,3-Dichlorobenzene	59.	U
106-46-7	1,4-Dichlorobenzene	59.	U

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1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BF004

Lab Name:Severn Trent Laboratories Contract:TM8097

ab Code:10142 Case No.:##### SAS No.:##### SDG No.:DE589

Matrix: (soil/water) SOIL Lab Sample ID:205627-03

ample wt/vol: 1.00 (g/ml) G Lab File ID: X3288

Level: (low/med) LOW Date Received: 7/23/99

Moisture: not dec. 15 Date Analyzed: 7/26/99

°C Column:DB-624 ID: 0.25 (mm) Dilution Factor: 5.0

oil Extract Volume:0 (uL) Soil Aliquot Volume:0 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
95-50-1	1,2-Dichlorobenzene	59.	U

315 Fullerton Avenue
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1E

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

BF004

Lab Name:Severn Trent Laboratories Contract:TM8097

Lab Code:10142 Case No.:##### SAS No.:##### SDG No.:DE589

Matrix: (soil/water) SOIL Lab Sample ID:205627-03

Sample wt/vol: 1.00 (g/ml) G Lab File ID: X3288

Level: (low/med) LOW Date Received: 7/23/99

% Moisture: not dec. 15 Date Analyzed: 7/26/99

GC Column:DB-624 ID: 0.25 (mm) Dilution Factor: 5.0

Soil Extract Volume:0 (uL) Soil Aliquot Volume:0 (uL)

Number TICs Found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	71-23-8	1-Propanol	13.14	41.	NJ
2.					
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1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BF004

Lab Name:SEVERN TRENT LABS Contract:TM8097

Lab Code:10142 Case No.:#### SAS No.:#### SDG No.:DU627

Matrix: (soil/water) SOIL Lab Sample ID:205627-03

Sample wt/vol: 30.0 (g/ml) G Lab File ID: S13202

Level: (low/med) LOW Date Received: 7/24/99

% Moisture: 15 decanted: (Y/N) N Date Extracted: 7/26/99

Concentrated Extract Volume: 1000.0 (uL) Date Analyzed: 7/26/99

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 6.7

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
62-75-9	n-Nitrosodimethylamine	390.	U
111-44-4	bis(2-Chloroethyl)ether	390.	U
108-95-2	Phenol	390.	U
95-57-8	2-Chlorophenol	390.	U
541-73-1	1,3-Dichlorobenzene	390.	U
106-46-7	1,4-Dichlorobenzene	390.	U
95-50-1	1,2-Dichlorobenzene	390.	U
100-57-6	Benzyl alcohol	390.	U
108-60-1	2,2'-oxybis(1-Chloropropane)	390.	U
95-48-7	2-Methylphenol	390.	U
67-72-1	Hexachloroethane	390.	U
621-64-7	N-Nitroso-di-n-propylamine	390.	U
106-44-5	4-Methylphenol	390.	U
989-53-0	Nitrobenzene	390.	U
78-59-1	Isophorone	390.	U
887-55-2	2-Nitrophenol	390.	U
105-67-9	2,4-Dimethylphenol	390.	U
111-91-1	bis(2-Chloroethoxy)methane	390.	U
120-83-2	2,4-Dichlorophenol	390.	U
120-82-1	1,2,4-Trichlorobenzene	390.	U
91-20-3	Naphthalene	390.	U
106-47-8	4-Chloroaniline	390.	U
87-68-3	Hexachlorobutadiene	390.	U
59-50-7	4-Chloro-3-methylphenol	390.	U
91-57-6	2-Methylnaphthalene	390.	U
77-47-4	Hexachlorocyclopentadiene	390.	U
88-06-2	2,4,6-Trichlorophenol	390.	U
95-95-4	2,4,5-Trichlorophenol	390.	U
91-58-7	2-Chloronaphthalene	390.	U
88-74-4	2-Nitroaniline	980.	U
208-96-8	Acenaphthylene	390.	U
131-11-3	Dimethylphthalate	390.	U
606-20-2	2,6-Dinitrotoluene	390.	U

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1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

BF004

Lab Name:SEVERN TRENT LABS Contract:TM8097

Lab Code:10142 Case No.:#### SAS No.:#### SDG No.:DU627

Matrix: (soil/water) SOIL Lab Sample ID:205627-03

Sample wt/vol: 30.0 (g/ml) G Lab File ID: S13202

Level: (low/med) LOW Date Received: 7/24/99

% Moisture: 15 decanted: (Y/N) N Date Extracted: 7/26/99

Concentrated Extract Volume: 1000.0 (uL) Date Analyzed: 7/26/99

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 6.7

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	390.	U
99-09-2	3-Nitroaniline	980.	U
51-28-5	2,4-Dinitrophenol	980.	U
132-64-9	Dibenzofuran	390.	U
121-14-2	2,4-Dinitrotoluene	390.	U
100-02-7	4-Nitrophenol	980.	U
86-73-7	Fluorene	390.	U
7005-72-3	4-Chlorophenyl-phenylether	390.	U
84-66-2	Diethylphthalate	390.	U
100-01-6	4-Nitroaniline	980.	U
534-52-1	4,6-Dinitro-2-methylphenol	980.	U
86-30-6	n-Nitrosodiphenylamine (1)	390.	U
101-55-3	4-Bromophenyl-phenylether	390.	U
118-74-1	Hexachlorobenzene	390.	U
87-86-5	Pentachlorophenol	980.	U
85-01-8	Phenanthrene	390.	U
120-12-7	Anthracene	390.	U
84-74-2	Di-n-butylphthalate	390.	U
206-44-0	Fluoranthene	390.	U
129-00-0	Pyrene	390.	U
85-68-7	Butylbenzylphthalate	390.	U
91-94-1	3,3'-Dichlorobenzidine	780.	U
56-55-3	Benzo(a)anthracene	390.	U
218-01-9	Chrysene	390.	U
117-81-7	bis(2-Ethylhexyl)phthalate	390.	U
117-84-0	Di-n-Octylphthalate	390.	U
205-99-2	Benzo(b)fluoranthene	390.	U
207-08-9	Benzo(k)fluoranthene	390.	U
50-32-8	Benzo(a)pyrene	390.	U
193-39-5	Indeno(1,2,3-cd)pyrene	390.	U
53-70-3	Dibenz(a,h)anthracene	390.	U
191-24-2	Benzo(g,h,i)perylene	390.	U

(1) - Cannot be separated from Diphenylamine

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1F

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

BF004

Lab Name:SEVERN TRENT LABS Contract:TM8097

Lab Code:10142 Case No.:#### SAS No.:#### SDG No.:DU627

Matrix: (soil/water) SOIL Lab Sample ID:205627-03

Sample wt/vol: 30.0 (g/ml) G Lab File ID: S13202

Level: (low/med) LOW Date Received: 7/24/99

% Moisture: 15 decanted: (Y/N) N Date Extracted: 7/26/99

Concentrated Extract Volume: 1000.0 (uL) Date Analyzed: 7/26/99

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 6.7

Number TICs Found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		C18H35NO isomer	20.50	340.	J
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315 Fullerton Avenue
Newburgh, NY 12550

Inorganics Analysis Data Sheet
Form I - IN

Client Name: Duke Engineering
Project Name: TM8097
STL Sample Number: 205627-03
Client I.D.: BF004
Date Collected: 23-JUL-99
Matrix: 3 Soil/Sldg
Date Received: 23-JUL-99
Comments:

Analysis	Result	Units	Method	Analyzed
Aluminum	12800	MG/KG	6010	28-JUL-99
Antimony	1.4 U N	MG/KG	6010	28-JUL-99
Arsenic	5.9	MG/KG	6010	28-JUL-99
Barium	172	MG/KG	6010	28-JUL-99
Beryllium	0.6 B	MG/KG	6010	28-JUL-99
Cadmium	0.07 U	MG/KG	6010	28-JUL-99
Calcium	47800	MG/KG	6010	28-JUL-99
Chromium	18.0	MG/KG	6010	28-JUL-99
Cobalt	11.9	MG/KG	6010	28-JUL-99
Copper	27.1	MG/KG	6010	28-JUL-99
Iron	22600	MG/KG	6010	28-JUL-99
Lead	9.6	MG/KG	6010	28-JUL-99
Magnesium	10900	MG/KG	6010	28-JUL-99
Manganese	715	MG/KG	6010	28-JUL-99
Mercury	0.12 U * N	MG/KG	7471	26-JUL-99
Nickel	22.4	MG/KG	6010	28-JUL-99
Percent Solids	85.4	%	160.3	27-JUL-99
Potassium	2420	MG/KG	6010	31-JUL-99
Selenium	0.56 U W	MG/KG	7740	28-JUL-99
Silver	3.1	MG/KG	6010	28-JUL-99
Sodium	296 B	MG/KG	6010	28-JUL-99
Thallium	0.9 U	MG/KG	6010	28-JUL-99
Vanadium	24.5	MG/KG	6010	28-JUL-99
Zinc	67.3	MG/KG	6010	28-JUL-99

Remarks:

Appendix L

Stockpile Information and Analytical Results

Appendix L - Stockpile information

Stockpile Number	Source of Stockpile	Stockpile Volume (yd^3)	Reason for Stockpile	Analytical Results	Disposal Information
SP001 May 18, 1999	1D, 1D-ext, 2C	11	Staining (pure product), PID Readings > 500 ppm	Exceeded cleanup objectives for 1,2-Dichloroethene (total) and Xylene (total)	Disposed at CWM Hazardous Landfill
SP002 May 20, 1999	2A	2.5	Strong odour, PID Readings > 500 ppm	Exceeded cleanup objectives for 1,2-Dichloroethene (total)	Disposed at Modern Landfill
SP003 May 26, 1999	2A	15	Strong odour, PID Readings > 500 ppm	Exceeded cleanup objectives for 1,2-Dichloroethene (total), Trichloroethene and Xylenes (total)	Disposed at Modern Landfill
SP004 May 27, 1999	2A	42	Potentially clean, PID Readings < 5 ppm	Below cleanup objective	Used as clean fill on site
SP005 June 1, 1999	2A	21	Potentially clean, PID Readings < 5 ppm	Below cleanup objective	Used as clean fill on site
SP006 June 24, 1999	1D, 1D-ext, 2C	53	PID Readings > 500 ppm	Exceeded Action Level for Trichloroethene	Disposed at CWM Hazardous Landfill
SP007 July 2, 1999	1D, 1D-ext, 2C	20	PID Readings > 500 ppm	Exceeded cleanup objectives for Ethylbenzene and Xylenes (total)	Disposed at Modern Landfill
SP008 July 1, 1999	2A	10	Soil removed from area after action level soils were removed	Exceeded cleanup objective for 1,2-Dichloroethene (total)	Disposed at Modern Landfill

1A

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

8097SP001

Lab Name:Severn Trent Laboratories Contract:TM8097

Lab Code:10142 Case No.:##### SAS No.:##### SDG No.:DE993

Matrix: (soil/water) SOIL Lab Sample ID:202993-01

Sample wt/vol: 1.00 (g/ml) G Lab File ID: W0913

Level: (low/med) LOW Date Received: 5/21/99

% Moisture: not dec. 19 Date Analyzed: 5/21/99

GC Column:DB-624 ID: 0.53 (mm) Dilution Factor: 5.0

Soil Extract Volume:0 (uL) Soil Aliquot Volume:0 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	62.	U
74-83-9	Bromomethane	62.	U
75-01-4	Vinyl Chloride	21.	J
75-00-3	Chloroethane	62.	U
75-09-2	Methylene Chloride	62.	U
67-64-1	Acetone	37.	JB
75-15-0	Carbon Disulfide	62.	U
75-35-4	1,1-Dichloroethene	62.	U
75-34-3	1,1-Dichloroethane	62.	U
108-05-4	Vinyl Acetate	62.	U
156-60-5	1,2-Dichloroethene total	1200.	E
67-66-3	Chloroform	62.	U
107-06-2	1,2-Dichloroethane	62.	U
78-93-3	2-Butanone	62.	U
71-55-6	1,1,1-Trichloroethane	62.	U
56-23-5	Carbon Tetrachloride	62.	U
75-27-4	Bromodichloromethane	62.	U
78-87-5	1,2-Dichloropropane	62.	U
10061-01-5	cis-1,3-Dichloropropene	62.	U
79-01-6	Trichloroethene	63.	
124-48-1	Dibromochloromethane	62.	U
110-75-8	2-Chloroethylvinylether	62.	U
79-00-5	1,1,2-Trichloroethane	62.	U
71-43-2	Benzene	62.	U
10061-02-6	trans-1,3-Dichloropropene	62.	U
75-25-2	Bromoform	62.	U
108-10-1	4-Methyl-2-Pentanone	62.	U
591-78-6	2-Hexanone	62.	U
127-18-4	Tetrachloroethene	62.	U
79-34-5	1,1,2,2-Tetrachloroethane	62.	U
108-88-3	Toluene	1400.	E
108-90-7	Chlorobenzene	62.	U
100-41-4	Ethylbenzene	4100.	E
100-42-5	Styrene	62.	U
1330-20-7	total-Xylene	12000.	E
541-73-1	1,3-Dichlorobenzene	62.	U
106-46-7	1,4-Dichlorobenzene	62.	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

8097SP001

Lab Name:Severn Trent Laboratories Contract:TM8097

Lab Code:10142 Case No.:##### SAS No.:##### SDG No.:DE993

Matrix: (soil/water) SOIL Lab Sample ID:202993-01

Sample wt/vol: [.00 (g/ml) G Lab File ID: W0913

Level: (low/med) LOW Date Received: 5/21/99

% Moisture: not dec. 19 Date Analyzed: 5/21/99

GC Column:DB-624 ID: 0.53 (mm) Dilution Factor: 5.0

Soil Extract Volume:0 (uL) Soil Aliquot Volume:0 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
95-50-1	1,2-Dichlorobenzene	62.	U

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

8097SP001

Lab Name:Severn Trent Laboratories Contract:TM8097

Lab Code:10142 Case No.:##### SAS No.:##### SDG No.:DE993

Matrix: (soil/water) SOIL Lab Sample ID:202993-01

Sample wt/vol: 1.00 (g/ml) G Lab File ID: W0913

Level: (low/med) LOW Date Received: 5/21/99

% Moisture: not dec. 19 Date Analyzed: 5/21/99

GC Column:DB-624 ID: 0.53 (mm) Dilution Factor: 5.0

Soil Extract Volume:0 (uL) Soil Aliquot Volume:0 (uL)

Number TICs Found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	71-23-8	1-Propanol	11.30	76.	NJ
2.		C7H14 isomer	16.14	170.	J
3.		C8H18 isomer	18.76	51.	J
4.		Unknown	22.29	3100.	J
5.		Unknown CnH2n	23.62	51.	J
6.		C9H12 isomer	23.89	740.	J
7.	103-65-1	Benzene, propyl-	24.84	330.	NJ
8.		Benzene, ethyl-methyl-isomer	25.05	540.	J
9.		Trimethylbenzene isomer	25.27	150.	J
10.		Benzene, ethylmethyl isomer	25.74	100.	J
11.		Trimethylbenzene isomer	26.14	190.	J
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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

8097SP001DL

Lab Name:Severn Trent Laboratories Contract:TM8097

Lab Code:10142 Case No.:##### SAS No.:##### SDG No.:DE993

Matrix: (soil/water) SOIL Lab Sample ID:202993-01DL

Sample wt/vol: 4.00 (g/ml) G Lab File ID: V3941

Level: (low/med) MED Date Received: 5/21/99

% Moisture: not dec. 19 Date Analyzed: 5/24/99

GC Column:DB-624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume:10000.00 (uL) Soil Aliquot Volume: 100.0 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	1500.	U
74-83-9	Bromomethane	1500.	U
75-01-4	Vinyl Chloride	1500.	U
75-00-3	Chloroethane	1500.	U
75-09-2	Methylene Chloride	1500.	U
67-64-1	Acetone	810.	JBD
75-15-0	Carbon Disulfide	1500.	U
75-35-4	1,1-Dichloroethene	1500.	U
75-34-3	1,1-Dichloroethane	1500.	U
108-05-4	Vinyl Acetate	1500.	U
156-60-5	1,2-Dichloroethene total	640.	JD
67-66-3	Chloroform	1500.	U
107-06-2	1,2-Dichloroethane	1500.	U
78-93-3	2-Butanone	1300.	JBD
71-55-6	1,1,1-Trichloroethane	1500.	U
56-23-5	Carbon Tetrachloride	1500.	U
75-27-4	Bromodichloromethane	1500.	U
78-87-5	1,2-Dichloropropane	1500.	U
10061-01-5	cis-1,3-Dichloropropene	1500.	U
79-01-6	Trichloroethene	1500.	U
124-48-1	Dibromochloromethane	1500.	U
110-75-8	2-Chloroethylvinylether	1500.	U
79-00-5	1,1,2-Trichloroethane	1500.	U
71-43-2	Benzene	1500.	U
10061-02-6	trans-1,3-Dichloropropene	1500.	U
75-25-2	Bromoform	1500.	U
108-10-1	4-Methyl-2-Pentanone	1500.	U
591-78-6	2-Hexanone	1500.	U
127-18-4	Tetrachloroethene	1500.	U
79-34-5	1,1,2,2-Tetrachloroethane	1500.	U
108-88-3	Toluene	540.	JD
108-90-7	Chlorobenzene	1500.	U
100-41-4	Ethylbenzene	3600.	D
100-42-5	Styrene	1500.	U
1330-20-7	total-Xylene	21000.	D
541-73-1	1,3-Dichlorobenzene	1500.	U
106-46-7	1,4-Dichlorobenzene	1500.	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

8097SP001DL

Lab Name:Severn Trent Laboratories Contract:TM8097

Lab Code:10142 Case No.:##### SAS No.:##### SDG No.:DE993

Matrix: (soil/water) SOIL Lab Sample ID:202993-01DL

Sample wt/vol: 4.00 (g/ml) G Lab File ID: V3941

Level: (low/med) MED Date Received: 5/21/99

% Moisture: not dec. 19 Date Analyzed: 5/24/99

G Column:DB-624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume:10000.00 (uL) Soil Aliquot Volume: 100.0 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
95-50-1	1,2-Dichlorobenzene	1500.	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

8097SP002

Lab Name:Severn Trent Laboratories Contract:TM8097

Lab Code:10142 Case No.:##### SAS No.:##### SDG No.:DE993

Matrix: (soil/water) SOIL Lab Sample ID:203041-01

Sample wt/vol: 1.00 (g/ml) G Lab File ID: W0927

Level: (low/med) LOW Date Received: 5/22/99

% Moisture: not dec. 20 Date Analyzed: 5/25/99

GC Column:DB-624 ID: 0.53 (mm) Dilution Factor: 5.0

Soil Extract Volume:0 (uL) Soil Aliquot Volume:0 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	62.	U
74-83-9	Bromomethane	62.	U
75-01-4	Vinyl Chloride	62.	U
75-00-3	Chloroethane	62.	U
75-09-2	Methylene Chloride	62.	U
67-64-1	Acetone	51.	JB
75-15-0	Carbon Disulfide	62.	U
75-35-4	1,1-Dichloroethene	62.	U
75-34-3	1,1-Dichloroethane	62.	U
108-05-4	Vinyl Acetate	62.	U
156-60-5	1,2-Dichloroethene total	750.	
67-66-3	Chloroform	62.	U
107-06-2	1,2-Dichloroethane	62.	U
78-93-3	2-Butanone	62.	U
71-55-6	1,1,1-Trichloroethane	62.	U
56-23-5	Carbon Tetrachloride	62.	U
75-27-4	Bromodichloromethane	62.	U
78-87-5	1,2-Dichloropropane	62.	U
10061-01-5	cis-1,3-Dichloropropene	62.	U
79-01-6	Trichloroethene	400.	
124-48-1	Dibromochloromethane	62.	U
110-75-8	2-Chloroethylvinylether	62.	U
79-00-5	1,1,2-Trichloroethane	62.	U
71-43-2	Benzene	62.	U
10061-02-6	trans-1,3-Dichloropropene	62.	U
75-25-2	Bromoform	62.	U
108-10-1	4-Methyl-2-Pentanone	20.	J
591-78-6	2-Hexanone	62.	U
127-18-4	Tetrachloroethene	62.	U
79-34-5	1,1,2,2-Tetrachloroethane	62.	U
108-88-3	Toluene	290.	
108-90-7	Chlorobenzene	62.	U
100-41-4	Ethylbenzene	250.	
100-42-5	Styrene	62.	U
1330-20-7	total-Xylene	890.	
541-73-1	1,3-Dichlorobenzene	62.	U
106-46-7	1,4-Dichlorobenzene	62.	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

8097SP002

Lab Name:Severn Trent Laboratories Contract:TM8097

Lab Code:10142 Case No.:##### SAS No.:##### SDG No.:DE993

Matrix: (soil/water) SOIL Lab Sample ID:203041-01

Sample wt/vol: 1.00 (g/ml) G Lab File ID: W0927

Level: (low/med) LOW Date Received: 5/22/99

% Moisture: not dec. 20 Date Analyzed: 5/25/99

GC Column:DB-624 ID: 0.53 (mm) Dilution Factor: 5.0

Soil Extract Volume:0 (uL) Soil Aliquot Volume:0 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
95-50-1	1,2-Dichlorobenzene	62.	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

8097SP002

Lab Name:Severn Trent Laboratories Contract:TM8097

Lab Code:10142 Case No.:##### SAS No.:##### SDG No.:DE993

Matrix: (soil/water) SOIL Lab Sample ID:203041-01

Sample wt/vol: 1.00 (g/ml) G Lab File ID: W0927

Level: (low/med) LOW Date Received: 5/22/99

% Moisture: not dec. 20 Date Analyzed: 5/25/99

GC Column:DB-624 ID: 0.53 (mm) Dilution Factor: 5.0

Soil Extract Volume:0 (uL) Soil Aliquot Volume:0 (uL)

Number TICs Found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	71-23-8	1-Propanol	11.33	260.	NJ
2.					
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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

8097SP003

ab Name:SEVERN TRENT LABS Contract:TM8097

Lab Code:10142 Case No.:#### SAS No.:#### SDG No.:DE092

Matrix: (soil/water) SOIL Lab Sample ID:203246-01

Sample wt/vol: 1.00 (g/ml) G Lab File ID: W0963

Level: (low/med) LOW Date Received: 5/28/99

Moisture: not dec. 20 Date Analyzed: 5/28/99

GC Column:DB-624 ID: 0.53 (mm) Dilution Factor: 5.0

oil Extract Volume:0 (uL) Soil Aliquot Volume:0 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	62.	U
74-83-9	Bromomethane	62.	U
75-01-4	Vinyl Chloride	62.	U
75-00-3	Chloroethane	62.	U
75-09-2	Methylene Chloride	62.	U
67-64-1	Acetone	26.	J
75-15-0	Carbon Disulfide	62.	U
75-35-4	1,1-Dichloroethene	13.	J
75-34-3	1,1-Dichloroethane	62.	U
108-05-4	Vinyl Acetate	62.	U
156-60-5	1,2-Dichloroethene total	5200.	E
67-66-3	Chloroform	62.	U
107-06-2	1,2-Dichloroethane	62.	U
78-93-3	2-Butanone	62.	U
71-55-6	1,1,1-Trichloroethane	62.	U
56-23-5	Carbon Tetrachloride	62.	U
75-27-4	Bromodichloromethane	62.	U
78-87-5	1,2-Dichloropropane	62.	U
10061-01-5	cis-1,3-Dichloropropene	62.	U
79-01-6	Trichloroethene	3300.	E
124-48-1	Dibromochloromethane	62.	U
110-75-8	2-Chloroethylvinylether	62.	U
79-00-5	1,1,2-Trichloroethane	62.	U
71-43-2	Benzene	62.	U
10061-02-6	trans-1,3-Dichloropropene	62.	U
75-25-2	Bromoform	62.	U
108-10-1	4-Methyl-2-Pentanone	62.	U
591-78-6	2-Hexanone	62.	U
127-18-4	Tetrachloroethene	62.	U
79-34-5	1,1,2,2-Tetrachloroethane	62.	U
108-88-3	Toluene	1200.	
108-90-7	Chlorobenzene	62.	U
100-41-4	Ethylbenzene	1200.	
100-42-5	Styrene	62.	U
1330-20-7	total-Xylene	4700.	E
541-73-1	1,3-Dichlorobenzene	62.	U
106-46-7	1,4-Dichlorobenzene	62.	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

8097SP003

Lab Name:SEVERN TRENT LABS Contract:TM8097

Lab Code:10142 Case No.:#### SAS No.:#### SDG No.:DE092

Matrix: (soil/water) SOIL Lab Sample ID:203246-01

Sample wt/vol: 1.00 (g/ml) G Lab File ID: W0963

Level: (low/med) LOW Date Received: 5/28/99

% Moisture: not dec. 20 Date Analyzed: 5/28/99

GC Column:DB-624 ID: 0.53 (mm) Dilution Factor: 5.0

Soil Extract Volume:0 (uL) Soil Aliquot Volume:0 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
95-50-1	1,2-Dichlorobenzene	62.	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

8097SP003

Lab Name:SEVERN TRENT LABS Contract:TM8097

Lab Code:10142 Case No.:#### SAS No.:#### SDG No.:DE092

Matrix: (soil/water) SOIL Lab Sample ID:203246-01

Sample wt/vol: 1.00 (g/ml) G Lab File ID: W0963

Level: (low/med) LOW Date Received: 5/28/99

% Moisture: not dec. 20 Date Analyzed: 5/28/99

GC Column:DB-624 ID: 0.53 (mm) Dilution Factor: 5.0

Soil Extract Volume:0 (uL) Soil Aliquot Volume:0 (uL)

Number TICs Found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		Unknown CnH2n+2	10.60	190.	J
2.		Unknown	12.05	640.	J
3.		Unknown CnH2n	16.10	520.	J
4.		C9H12 isomer	23.85	370.	J
5.		C9H12 isomer	24.81	200.	J
6.		Benzene, ethyl-methyl- isome	25.02	360.	J
7.		C9H12 isomer	26.11	260.	J
8.		C10H14 isomer	26.86	180.	J
9.					
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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

8097SP003DL

Lab Name:SEVERN TRENT LABS Contract:TM8097

Lab Code:10142 Case No.:#### SAS No.:#### SDG No.:DE092

Matrix: (soil/water) SOIL Lab Sample ID:203246-01DL

Sample wt/vol: 4.00 (g/ml) G Lab File ID: V4020

Level: (low/med) MED Date Received: 5/28/99

% Moisture: not dec. 20 Date Analyzed: 6/01/99

GC Column:DB-624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume:10000.00 (uL) Soil Aliquot Volume: 100.0 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	1600.	U
74-83-9	Bromomethane	1600.	U
75-01-4	Vinyl Chloride	1600.	U
75-00-3	Chloroethane	1600.	U
75-09-2	Methylene Chloride	1600.	U
67-64-1	Acetone	870.	JBD
75-15-0	Carbon Disulfide	1600.	U
75-35-4	1,1-Dichloroethene	1600.	U
75-34-3	1,1-Dichloroethane	1600.	U
108-05-4	Vinyl Acetate	1600.	U
156-60-5	1,2-Dichloroethene total	3400.	D
67-66-3	Chloroform	1600.	U
107-06-2	1,2-Dichloroethane	1600.	U
78-93-3	2-Butanone	1300.	JBD
71-55-6	1,1,1-Trichloroethane	1600.	U
56-23-5	Carbon Tetrachloride	1600.	U
75-27-4	Bromodichloromethane	1600.	U
78-87-5	1,2-Dichloropropane	1600.	U
10061-01-5	cis-1,3-Dichloropropene	1600.	U
79-01-6	Trichloroethene	1700.	D
124-48-1	Dibromochloromethane	1600.	U
110-75-8	2-Chloroethylvinylether	1600.	U
79-00-5	1,1,2-Trichloroethane	1600.	U
71-43-2	Benzene	1600.	U
10061-02-6	trans-1,3-Dichloropropene	1600.	U
75-25-2	Bromoform	1600.	U
108-10-1	4-Methyl-2-Pentanone	1600.	U
591-78-6	2-Hexanone	1600.	U
127-18-4	Tetrachloroethene	1600.	U
79-34-5	1,1,2,2-Tetrachloroethane	1600.	U
108-88-3	Toluene	640.	JD
108-90-7	Chlorobenzene	1600.	U
100-41-4	Ethylbenzene	970.	JD
100-42-5	Styrene	1600.	U
1330-20-7	total-Xylene	4400.	D
541-73-1	1,3-Dichlorobenzene	1600.	U
106-46-7	1,4-Dichlorobenzene	1600.	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

8097SP003DL

Lab Name:SEVERN TRENT LABS Contract:TM8097

Lab Code:10142 Case No.:#### SAS No.:#### SDG No.:DE092

Matrix: (soil/water) SOIL Lab Sample ID:203246-01DL

Sample wt/vol: 4.00 (g/ml) G Lab File ID: V4020

Level: (low/med) MED Date Received: 5/28/99

% Moisture: not dec. 20 Date Analyzed: 6/01/99

GC Column:DB-624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume:10000.00 (uL) Soil Aliquot Volume: 100.0 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
95-50-1	1,2-Dichlorobenzene	1600.	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

8097SP004

Lab Name:SEVERN TRENT LABS Contract:TM8097

Lab Code:10142 Case No.:#### SAS No.:#### SDG No.:DE092

Matrix: (soil/water) SOIL Lab Sample ID:203246-04

Sample wt/vol: 1.00 (g/ml) G Lab File ID: W0967

Level: (low/med) LOW Date Received: 5/28/99

% Moisture: not dec. 17 Date Analyzed: 5/28/99

GC Column:DB-624 ID: 0.53 (mm) Dilution Factor: 5.0

Soil Extract Volume:0 (uL) Soil Aliquot Volume:0 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	60.	U
74-83-9	Bromomethane	60.	U
75-01-4	Vinyl Chloride	60.	U
75-00-3	Chloroethane	60.	U
75-09-2	Methylene Chloride	60.	U
67-64-1	Acetone	15.	J
75-15-0	Carbon Disulfide	60.	U
75-35-4	1,1-Dichloroethene	60.	U
75-34-3	1,1-Dichloroethane	60.	U
108-05-4	Vinyl Acetate	60.	U
156-60-5	1,2-Dichloroethene total	37.	J
67-66-3	Chloroform	60.	U
107-06-2	1,2-Dichloroethane	60.	U
78-93-3	2-Butanone	60.	U
71-55-6	1,1,1-Trichloroethane	60.	U
56-23-5	Carbon Tetrachloride	60.	U
75-27-4	Bromodichloromethane	60.	U
78-87-5	1,2-Dichloropropane	60.	U
10061-01-5	cis-1,3-Dichloropropene	60.	U
79-01-6	Trichloroethene	47.	J
124-48-1	Dibromochloromethane	60.	U
110-75-8	2-Chloroethylvinylether	60.	U
79-00-5	1,1,2-Trichloroethane	60.	U
71-43-2	Benzene	60.	U
10061-02-6	trans-1,3-Dichloropropene	60.	U
75-25-2	Bromoform	60.	U
108-10-1	4-Methyl-2-Pentanone	60.	U
591-78-6	2-Hexanone	60.	U
127-18-4	Tetrachloroethene	60.	U
79-34-5	1,1,2,2-Tetrachloroethane	60.	U
108-88-3	Toluene	60.	U
108-90-7	Chlorobenzene	60.	U
100-41-4	Ethylbenzene	60.	U
100-42-5	Styrene	60.	U
1330-20-7	total-Xylene	60.	U
541-73-1	1,3-Dichlorobenzene	60.	U
106-46-7	1,4-Dichlorobenzene	60.	U

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1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

8097SP004

Lab Name:SEVERN TRENT LABS Contract:TM8097

Lab Code:10142 Case No.:#### SAS No.:#### SDG No.:DE092

Matrix: (soil/water) SOIL Lab Sample ID:203246-04

Sample wt/vol: 1.00 (g/ml) G Lab File ID: W0967

Level: (low/med) LOW Date Received: 5/28/99

% Moisture: not dec. 17 Date Analyzed: 5/28/99

GC Column:DB-624 ID: 0.53 (mm) Dilution Factor: 5.0

Soil Extract Volume:0 (uL) Soil Aliquot Volume:0 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
95-50-1	1,2-Dichlorobenzene	60.	U

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

8097SP004

Lab Name:SEVERN TRENT LABS Contract:TM8097

Lab Code:10142 Case No.:#### SAS No.:#### SDG No.:DE092

Matrix: (soil/water) SOIL Lab Sample ID:203246-04

Sample wt/vol: 1.00 (g/ml) G Lab File ID: W0967

Level: (low/med) LOW Date Received: 5/28/99

% Moisture: not dec. 17 Date Analyzed: 5/28/99

GC Column:DB-624 ID: 0.53 (mm) Dilution Factor: 5.0

Soil Extract Volume:0 (uL) Soil Aliquot Volume:0 (uL)

Number TICs Found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	71-23-8	1-Propanol	11.27	520.	NJ
2.					
3.					
4.					
5.					
6.					
7.					
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10.					
11.					
12.					
13.					
14.					
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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SP005

Lab Name:Severn Trent Laboratories Contract:7778097

Lab Code:10142 Case No.: SAS No.: SDG No.:DE336

Matrix: (soil/water) SOIL Lab Sample ID:203336-03

Sample wt/vol: 1.00 (g/ml) G Lab File ID: W0991

Level: (low/med) LOW Date Received: 6/02/99

% Moisture: not dec. 17 Date Analyzed: 6/02/99

GC Column:DB-624 ID: 0.53 (mm) Dilution Factor: 5.0

Soil Extract Volume:0 (uL) Soil Aliquot Volume:0 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	60.	U
74-83-9	Bromomethane	60.	U
75-01-4	Vinyl Chloride	60.	U
75-00-3	Chloroethane	60.	U
75-09-2	Methylene Chloride	60.	U
67-64-1	Acetone	48.	JB
75-15-0	Carbon Disulfide	60.	U
75-35-4	1,1-Dichloroethene	60.	U
75-34-3	1,1-Dichloroethane	60.	U
108-05-4	Vinyl Acetate	60.	U
156-60-5	1,2-Dichloroethene total	60.	U
67-66-3	Chloroform	60.	U
107-06-2	1,2-Dichloroethane	60.	U
78-93-3	2-Butanone	12.	J
71-55-6	1,1,1-Trichloroethane	60.	U
56-23-5	Carbon Tetrachloride	60.	U
75-27-4	Bromodichloromethane	60.	U
78-87-5	1,2-Dichloropropane	60.	U
10061-01-5	cis-1,3-Dichloropropene	60.	U
79-01-6	Trichloroethene	55.	J
124-48-1	Dibromochloromethane	60.	U
110-75-8	2-Chloroethylvinylether	60.	U
79-00-5	1,1,2-Trichloroethane	60.	U
71-43-2	Benzene	60.	U
10061-02-6	trans-1,3-Dichloropropene	60.	U
75-25-2	Bromoform	60.	U
108-10-1	4-Methyl-2-Pentanone	60.	U
591-78-6	2-Hexanone	60.	U
127-18-4	Tetrachloroethene	60.	U
79-34-5	1,1,2,2-Tetrachloroethane	60.	U
108-88-3	Toluene	60.	U
108-90-7	Chlorobenzene	60.	U
100-41-4	Ethylbenzene	60.	U
100-42-5	Styrene	60.	U
1330-20-7	total-Xylene	60.	U
541-73-1	1,3-Dichlorobenzene	60.	U
106-46-7	1,4-Dichlorobenzene	60.	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SP005

Lab Name:Severn Trent Laboratories Contract:7778097

Lab Code:10142 Case No.: SAS No.: SDG No.:DE336

Matrix: (soil/water) SOIL Lab Sample ID:203336-03

Sample wt/vol: 1.00 (g/ml) G Lab File ID: W0991

Level: (low/med) LOW Date Received: 6/02/99

% Moisture: not dec. 17 Date Analyzed: 6/02/99

GC Column:DB-624 ID: 0.53 (mm) Dilution Factor: 5.0

Soil Extract Volume:0 (uL) Soil Aliquot Volume:0 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
95-50-1	1,2-Dichlorobenzene	60.	U

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1E

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

SP005

Lab Name:Severn Trent Laboratories Contract:7778097

Lab Code:10142 Case No.: SAS No.: SDG No.:DE336

Matrix: (soil/water) SOIL Lab Sample ID:203336-03

Sample wt/vol: 1.00 (g/ml) G Lab File ID: W0991

Level: (low/med) LOW Date Received: 6/02/99

% Moisture: not dec. 17 Date Analyzed: 6/02/99

GC Column:DB-624 ID: 0.53 (mm) Dilution Factor: 5.0

Soil Extract Volume:0 (uL) Soil Aliquot Volume:0 (uL)

Number TICs Found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		Unknown	8.66	41.	J
2.	71-23-8	1-Propanol	11.32	190.	JN
3.					
4.					
5.					
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9.					
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1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SP006

Lab Name:SEVERN TRENT LABS Contract:TM8097

Lab Code:10142 Case No.:##### SAS No.:##### SDG No.:DE457

Matrix: (soil/water) SOIL Lab Sample ID:204457-14

Sample wt/vol: 1.00 (g/ml) G Lab File ID: X3038

Level: (low/med) LOW Date Received: 6/25/99

% Moisture: not dec. 17 Date Analyzed: 6/25/99

GC Column:DB-624 ID: 0.25 (mm) Dilution Factor: 5.0

Soil Extract Volume:0 (uL) Soil Aliquot Volume:0 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	60.	U
74-83-9	Bromomethane	60.	U
75-01-4	Vinyl Chloride	170.	
75-00-3	Chloroethane	60.	U
75-09-2	Methylene Chloride	7.	J
67-64-1	Acetone	140.	B
75-15-0	Carbon Disulfide	60.	U
75-35-4	1,1-Dichloroethene	11.	J
75-34-3	1,1-Dichloroethane	60.	U
108-05-4	Vinyl Acetate	60.	U
156-60-5	1,2-Dichloroethene total	6800.	E
67-66-3	Chloroform	60.	U
107-06-2	1,2-Dichloroethane	60.	U
78-93-3	2-Butanone	60.	U
71-55-6	1,1,1-Trichloroethane	60.	U
56-23-5	Carbon Tetrachloride	60.	U
75-27-4	Bromodichloromethane	60.	U
78-87-5	1,2-Dichloropropane	60.	U
10061-01-5	cis-1,3-Dichloropropene	60.	U
79-01-6	Trichloroethene	13000.	E
124-48-1	Dibromochloromethane	60.	U
110-75-8	2-Chloroethylvinylether	60.	U
79-00-5	1,1,2-Trichloroethane	60.	U
71-43-2	Benzene	30.	J
10061-02-6	trans-1,3-Dichloropropene	60.	U
75-25-2	Bromoform	60.	U
108-10-1	4-Methyl-2-Pentanone	310.	
591-78-6	2-Hexanone	60.	U
127-18-4	Tetrachloroethene	9.	J
79-34-5	1,1,2,2-Tetrachloroethane	60.	U
108-88-3	Toluene	7300.	E
108-90-7	Chlorobenzene	23.	J
100-41-4	Ethylbenzene	7500.	E
100-42-5	Styrene	60.	U
1330-20-7	total-Xylene	23000.	E
541-73-1	1,3-Dichlorobenzene	60.	U
106-46-7	1,4-Dichlorobenzene	60.	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SP006

Lab Name:SEVERN TRENT LABS Contract:TM8097

Lab Code:10142 Case No.:##### SAS No.:##### SDG No.:DE457

Matrix: (soil/water) SOIL Lab Sample ID:204457-14

Sample wt/vol: 1.00 (g/ml) G Lab File ID: X3038

Level: (low/med) LOW Date Received: 6/25/99

% Moisture: not dec. 17 Date Analyzed: 6/25/99

GC Column:DB-624 ID: 0.25 (mm) Dilution Factor: 5.0

Soil Extract Volume:0 (uL) Soil Aliquot Volume:0 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
95-50-1	1,2-Dichlorobenzene	60.	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SP006

Lab Name:SEVERN TRENT LABS Contract:TM8097

Lab Code:10142 Case No.:##### SAS No.:##### SDG No.:DE457

Matrix: (soil/water) SOIL Lab Sample ID:204457-14

Sample wt/vol: 1.00 (g/ml) G Lab File ID: X3038

Level: (low/med) LOW Date Received: 6/25/99

% Moisture: not dec. 17 Date Analyzed: 6/25/99

GC Column:DB-624 ID: 0.25 (mm) Dilution Factor: 5.0

Soil Extract Volume:0 (uL) Soil Aliquot Volume:0 (uL)

Number TICs Found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		C7H14 isomer	18.19	860.	J
2.		C9H18 isomer	22.62	1000.	J
3.		C8H10 isomer	24.29	54000.	J
4.		Unknown CnH2n	25.82	830.	J
5.		Benzene, ethyl-methyl- isome	26.11	6500.	J
6.					
7.					
8.					
9.					
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EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

SP006DL

Lab Name:SEVERN TRENT LABS Contract:TM8097

Lab Code:10142 Case No.:##### SAS No.:##### SDG No.:DE457

Matrix: (soil/water) SOIL Lab Sample ID:204457-14DL

Sample wt/vol: 4.00 (g/ml) G Lab File ID: X3081

Level: (low/med) MED Date Received: 6/25/99

% Moisture: not dec. 17 Date Analyzed: 6/28/99

GC Column:DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume:10000.00 (uL) Soil Aliquot Volume: 1.0 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	150000.	U
74-83-9	Bromomethane	150000.	U
75-01-4	Vinyl Chloride	150000.	U
75-00-3	Chloroethane	150000.	U
75-09-2	Methylene Chloride	150000.	U
67-64-1	Acetone	150000.	U
75-15-0	Carbon Disulfide	150000.	U
75-35-4	1,1-Dichloroethene	150000.	U
75-34-3	1,1-Dichloroethane	150000.	U
108-05-4	Vinyl Acetate	150000.	U
156-60-5	1,2-Dichloroethene total	120000.	DJ
67-66-3	Chloroform	150000.	U
107-06-2	1,2-Dichloroethane	150000.	U
78-93-3	2-Butanone	150000.	U
71-55-6	1,1,1-Trichloroethane	150000.	U
56-23-5	Carbon Tetrachloride	150000.	U
75-27-4	Bromodichloromethane	150000.	U
78-87-5	1,2-Dichloropropane	150000.	U
10061-01-5	cis-1,3-Dichloropropene	150000.	U
79-01-6	Trichloroethene	2700000.	D
124-48-1	Dibromochloromethane	150000.	U
110-75-8	2-Chloroethylvinylether	150000.	U
79-00-5	1,1,2-Trichloroethane	150000.	U
71-43-2	Benzene	150000.	U
10061-02-6	trans-1,3-Dichloropropene	150000.	U
75-25-2	Bromoform	150000.	U
108-10-1	4-Methyl-2-Pentanone	150000.	U
591-78-6	2-Hexanone	150000.	U
127-18-4	Tetrachloroethene	150000.	U
79-34-5	1,1,2,2-Tetrachloroethane	150000.	U
108-88-3	Toluene	590000.	D
108-90-7	Chlorobenzene	150000.	U
100-41-4	Ethylbenzene	340000.	D
100-42-5	Styrene	150000.	U
1330-20-7	total-Xylene	2000000.	D
541-73-1	1,3-Dichlorobenzene	150000.	U
106-46-7	1,4-Dichlorobenzene	150000.	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SP006DL

Lab Name:SEVERN TRENT LABS Contract:TM8097

Lab Code:10142 Case No.:##### SAS No.:##### SDG No.:DE457

Matrix: (soil/water) SOIL Lab Sample ID:204457-14DL

Sample wt/vol: 4.00 (g/ml) G Lab File ID: X3081

Level: (low/med) MED Date Received: 6/25/99

% Moisture: not dec. 17 Date Analyzed: 6/28/99

GC Column:DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume:10000.00 (uL) Soil Aliquot Volume: 1.0 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
95-50-1	1,2-Dichlorobenzene	150000.	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SP007

Lab Name:SEVERN TRENT LABS Contract:TM8097

Lab Code:10142 Case No.:##### SAS No.:##### SDG No.:DE634

Matrix: (soil/water) SOIL Lab Sample ID:204782-03

Sample wt/vol: 1.00 (g/ml) G Lab File ID: W1311

Level: (low/med) LOW Date Received: 7/06/99

% Moisture: not dec. 17 Date Analyzed: 7/06/99

GC Column:DB-624 ID: 0.53 (mm) Dilution Factor: 5.0

Soil Extract Volume:0 (uL) Soil Aliquot Volume:0 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
95-50-1	1,2-Dichlorobenzene	60.	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SP007

Lab Name:SEVERN TRENT LABS Contract:TM8097

Lab Code:10142 Case No.:##### SAS No.:##### SDG No.:DE634

Matrix: (soil/water) SOIL Lab Sample ID:204782-03

Sample wt/vol: 1.00 (g/ml) G Lab File ID: W1311

Level: (low/med) LOW Date Received: 7/06/99

% Moisture: not dec. 17 Date Analyzed: 7/06/99

GC Column:DB-624 ID: 0.53 (mm) Dilution Factor: 5.0

Soil Extract Volume:0 (uL) Soil Aliquot Volume:0 (uL)

Number TICs Found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		C9H18 isomer	20.56	240.	J
2.		C9H18 isomer	22.28	17000.	J
3.		C9H12 isomer	23.71	83.	J
4.		C9H12 isomer	23.96	450.	J
5.		C9H12 isomer	24.93	110.	J
6.		C9H12 isomer	25.14	560.	J
7.		C9H12 isomer	25.35	140.	J
8.		C9H12 isomer	25.82	100.	J
9.		C9H12 isomer	26.23	130.	J
10.		C10H16 isomer	26.31	94.	J
11.		C10H16 isomer	26.86	91.	J
12.					
13.					
14.					
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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SP007DL

Lab Name:SEVERN TRENT LABS Contract:TM8097

Lab Code:10142 Case No.:##### SAS No.:##### SDG No.:DE634

Matrix: (soil/water) SOIL Lab Sample ID:204782-03DL

Sample wt/vol: 4.00 (g/ml) G Lab File ID: V4348

Level: (low/med) MED Date Received: 7/06/99

% Moisture: not dec. 17 Date Analyzed: 7/06/99

GC Column:DB-624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume:10000.00 (uL) Soil Aliquot Volume: 100.0 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	1500.	U
74-83-9	Bromomethane	1500.	U
75-01-4	Vinyl Chloride	1500.	U
75-00-3	Chloroethane	1500.	U
75-09-2	Methylene Chloride	1500.	U
67-64-1	Acetone	1500.	U
75-15-0	Carbon Disulfide	1500.	U
75-35-4	1,1-Dichloroethene	1500.	U
75-34-3	1,1-Dichloroethane	1500.	U
108-05-4	Vinyl Acetate	1500.	U
156-60-5	1,2-Dichloroethene total	280.	DJ
67-66-3	Chloroform	1500.	U
107-06-2	1,2-Dichloroethane	1500.	U
78-93-3	2-Butanone	1500.	DB
71-55-6	1,1,1-Trichloroethane	1500.	U
56-23-5	Carbon Tetrachloride	1500.	U
75-27-4	Bromodichloromethane	1500.	U
78-87-5	1,2-Dichloropropane	1500.	U
10061-01-5	cis-1,3-Dichloropropene	1500.	U
79-01-6	Trichloroethene	420.	DJ
124-48-1	Dibromochloromethane	1500.	U
110-75-8	2-Chloroethylvinylether	1500.	U
79-00-5	1,1,2-Trichloroethane	1500.	U
71-43-2	Benzene	1500.	U
10061-02-6	trans-1,3-Dichloropropene	1500.	U
75-25-2	Bromoform	1500.	U
108-10-1	4-Methyl-2-Pentanone	1500.	U
591-78-6	2-Hexanone	1500.	U
127-18-4	Tetrachloroethene	1500.	U
79-34-5	1,1,2,2-Tetrachloroethane	1500.	U
108-88-3	Toluene	510.	DJ
108-90-7	Chlorobenzene	1500.	U
100-41-4	Ethylbenzene	1900.	D
100-42-5	Styrene	1500.	U
1330-20-7	total-Xylene	45000.	D
541-73-1	1,3-Dichlorobenzene	1500.	U
106-46-7	1,4-Dichlorobenzene	1500.	U

STL
315 Fullerton Avenue
Newburgh, NY 12550
Tel: (914) 562-0890

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SP007DL

Lab Name:SEVERN TRENT LABS Contract:TM8097

Lab Code:10142 Case No.:##### SAS No.:##### SDG No.:DE634

Matrix: (soil/water) SOIL Lab Sample ID:204782-03DL

Sample wt/vol: 4.00 (g/ml) G Lab File ID: V4348

Level: (low/med) MED Date Received: 7/06/99

% Moisture: not dec. 17 Date Analyzed: 7/06/99

GC Column:DB-624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume:10000.00 (uL) Soil Aliquot Volume: 100.0 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
95-50-1	1,2-Dichlorobenzene	1500.	U

FORM I VOA 3/90

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Fax: (914) 562-0841

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SP008

Lab Name:SEVERN TRENT LABS Contract:TM8097

Lab Code:10142 Case No.:##### SAS No.:##### SDG No.:DE634

Matrix: (soil/water) SOIL Lab Sample ID:204736-08

Sample wt/vol: 1.00 (g/ml) G Lab File ID: W1296

Level: (low/med) LOW Date Received: 7/02/99

% Moisture: not dec. 14 Date Analyzed: 7/04/99

GC Column:DB-624 ID: 0.53 (mm) Dilution Factor: 5.0

Soil Extract Volume:0 (uL) Soil Aliquot Volume:0 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	58.	U
74-83-9	Bromomethane	58.	U
75-01-4	Vinyl Chloride	77.	
75-00-3	Chloroethane	58.	U
75-09-2	Methylene Chloride	58.	U
67-64-1	Acetone	57.	JB
75-15-0	Carbon Disulfide	58.	U
75-35-4	1,1-Dichloroethene	58.	U
75-34-3	1,1-Dichloroethane	58.	U
108-05-4	Vinyl Acetate	58.	U
156-60-5	1,2-Dichloroethene total	1000.	
67-66-3	Chloroform	58.	U
107-06-2	1,2-Dichloroethane	58.	U
78-93-3	2-Butanone	58.	U
71-55-6	1,1,1-Trichloroethane	58.	U
56-23-5	Carbon Tetrachloride	58.	U
75-27-4	Bromodichloromethane	58.	U
78-87-5	1,2-Dichloropropane	58.	U
10061-01-5	cis-1,3-Dichloropropene	58.	U
79-01-6	Trichloroethene	97.	
124-48-1	Dibromochloromethane	58.	U
110-75-8	2-Chloroethylvinylether	58.	U
79-00-5	1,1,2-Trichloroethane	58.	U
71-43-2	Benzene	58.	U
10061-02-6	trans-1,3-Dichloropropene	58.	U
75-25-2	Bromoform	58.	U
108-10-1	4-Methyl-2-Pentanone	58.	U
591-78-6	2-Hexanone	58.	U
127-18-4	Tetrachloroethene	58.	U
79-34-5	1,1,2,2-Tetrachloroethane	58.	U
108-88-3	Toluene	8.	J
108-90-7	Chlorobenzene	58.	U
100-41-4	Ethylbenzene	69.	
100-42-5	Styrene	58.	U
1330-20-7	total-Xylene	17.	J
541-73-1	1,3-Dichlorobenzene	58.	U
106-46-7	1,4-Dichlorobenzene	58.	U

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Newburgh, NY 12550
Tel: (914) 562-0890

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SP008

Lab Name:SEVERN TRENT LABS Contract:TM8097

Lab Code:10142 Case No.:##### SAS No.:##### SDG No.:DE634

Matrix: (soil/water) SOIL Lab Sample ID:204736-08

Sample wt/vol: 1.00 (g/ml) G Lab File ID: W1296

Level: (low/med) LOW Date Received: 7/02/99

% Moisture: not dec. 14 Date Analyzed: 7/04/99

GC Column:DB-624 ID: 0.53 (mm) Dilution Factor: 5.0

Soil Extract Volume:0 (uL) Soil Aliquot Volume:0 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
95-50-1	1,2-Dichlorobenzene	58.	U

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Fax: (914) 562-0841
NYSDOH 10142 NJDEP 73015 CTDOHS PH-0554 EPA NY049 PA 68-378 M-NY049

1E

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

SP008

Lab Name:SEVERN TRENT LABS Contract:TM8097

Lab Code:10142 Case No.:##### SAS No.:##### SDG No.:DE634

Matrix: (soil/water) SOIL Lab Sample ID:204736-08

Sample wt/vol: 1.00 (g/ml) G Lab File ID: W1296

Level: (low/med) LOW Date Received: 7/02/99

% Moisture: not dec. 14 Date Analyzed: 7/04/99

GC Column:DB-624 ID: 0.53 (mm) Dilution Factor: 5.0

Soil Extract Volume:0 (uL) Soil Aliquot Volume:0 (uL)

Number TICs Found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	71-23-8	1-Propanol	11.41	99.	JN
2.					
3.					
4.					
5.					
6.					
7.					
8.					
9.					
10.					
11.					
12.					
13.					
14.					
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19.					
20.					
21.					
22.					
23.					
24.					
25.					
26.					
27.					
28.					
29.					
30.					

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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SP007

Lab Name:SEVERN TRENT LABS Contract:TM8097

Lab Code:10142 Case No.:##### SAS No.:##### SDG No.:DE634

Matrix: (soil/water) SOIL Lab Sample ID:204782-03

Sample wt/vol: 1.00 (g/ml) G Lab File ID: W1311

Level: (low/med) LOW Date Received: 7/06/99

% Moisture: not dec. 17 Date Analyzed: 7/06/99

GC Column:DB-624 ID: 0.53 (mm) Dilution Factor: 5.0

Soil Extract Volume:0 (uL) Soil Aliquot Volume:0 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	60.	U
74-83-9	Bromomethane	60.	U
75-01-4	Vinyl Chloride	12.	J
75-00-3	Chloroethane	60.	U
75-09-2	Methylene Chloride	60.	U
67-64-1	Acetone	64.	B
75-15-0	Carbon Disulfide	60.	U
75-35-4	1,1-Dichloroethene	60.	U
75-34-3	1,1-Dichloroethane	60.	U
108-05-4	Vinyl Acetate	60.	U
156-60-5	1,2-Dichloroethene total	200.	
67-66-3	Chloroform	60.	U
107-06-2	1,2-Dichloroethane	60.	U
78-93-3	2-Butanone	60.	U
71-55-6	1,1,1-Trichloroethane	60.	U
56-23-5	Carbon Tetrachloride	60.	U
75-27-4	Bromodichloromethane	60.	U
78-87-5	1,2-Dichloropropane	60.	U
10061-01-5	cis-1,3-Dichloropropene	60.	U
79-01-6	Trichloroethene	250.	
124-48-1	Dibromochloromethane	60.	U
110-75-8	2-Chloroethylvinylether	60.	U
79-00-5	1,1,2-Trichloroethane	60.	U
71-43-2	Benzene	60.	U
10061-02-6	trans-1,3-Dichloropropene	60.	U
75-25-2	Bromoform	60.	U
108-10-1	4-Methyl-2-Pentanone	60.	U
591-78-6	2-Hexanone	60.	U
127-18-4	Tetrachloroethene	60.	U
79-34-5	1,1,2,2-Tetrachloroethane	60.	U
108-88-3	Toluene	480.	
108-90-7	Chlorobenzene	60.	U
100-41-4	Ethylbenzene	1400.	E
100-42-5	Styrene	60.	U
1330-20-7	total-Xylene	15000.	E
541-73-1	1,3-Dichlorobenzene	60.	U
106-46-7	1,4-Dichlorobenzene	60.	U

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Fax: (914) 562-0841
NYSDOH 10142 NJDEP 73015 CTDOHS PH-0551 EPA NY019 PA 68-370 MA NY019

Appendix M

Site Photographs

Photo 1: North-west view of area 1A being extended along rail road. Note black PAH staining.

Photo 2: North-east view of backfilling in area 1A. Note plastic sheeting along north wall.

Photo 3: West view of area 1A backfilled and the north half of area 1B excavated.

Photo 4: South view along east wall of area 2A where contamination was detected. Note slumping of wall.

Photo 5: South view of backfilling along east wall of area 2A. Note plastic sheeting along east wall.

Photo 6: West view of activity in west end of area 2A.

Photo 7: North-west view of west end of area 2A. Note approximately 6 ft of water in excavation.

Photo 8: Excavator stuck in soft silt and clay in area 2C.

Photo 9: West view of excavation of west wall of area 2A near hydrogen gas cylinders. Excavated as close as possible without compromising safety.

Photo 10: West view of excavation of trench in west wall of area 2A near liquid nitrogen AST. Excavated as close as possible without compromising safety.

Photo 11: Horizontal layering of clay and silt soils on site.

Photo 12: Stockpiling contaminated soil on plastic sheeting.

Photo 13: East view of area 1D-extension. This was the former location of the solvent storage cage.

Photo 14: Stained soil from area 1D-extension.

Photo 15: North view of backfilling in areas 2C and 1D-extension.

Photo 16: East view of soil from area 5 being loaded directly into roll-offs.

Photo 17: North view of trench and installation of new drain pipe.

Photo 18: North-east view of areas 2A and 2B backfilled and stone placed.

Photo 19: East view of extent of paving in area 2A.

Appendix N

Verification and Interim Sampling Analytical Results

Index for IRM Sample Numbers Contained in Each Electronic Laboratory Report

NOTE: Files on CD are in Microsoft Excel 97 format.

Laboratory report numbers are listed in order numerically from left to right. Test pit reports are on last page.

Sample numbers are listed sequentially according to the last three digits of the sample number, from top left to bottom right.

Lab Report:	**202857**	**202993**	**203041**	**203092**	**203154**	**203246**	**203336**	**203415**	**203500**	**203535**	**203649**
Sample Numbers in Each Report	1AVS001	8097SP001	8097SP002	2AVS042	2AVS046	2AVS050	2AVS052	2AVS058	2AVS065	1AVS078	2DVS082
	1AVS002	2AVS033	2AVS038	2AVS043	2AVS047	2DVS051	2AVS053	2AVS059	2AVS066	1AVS079	2DVS083
	1AVS003	2AVS034	2AVS039	1AVS044	1CVS048	8097SP003	2AVS054	2AVS060	2AVS067	1AVS080	2AVS084
	1AVS004	2AVS035	2AVS040	1AVS045	3VS049	8097SP004	2AVS055	2AVS061	2AVS068	1AVS081	2AVS085
	1AVS005	2AVS036	2AVS041	1ATP001			2DVS056	2AVS062	2AVS069		2AVS086
	1AVS006	2AVS037					2DVS057	2AVS063	2AVSO70		2AVS087
	1AVS007						SP005	2AVS064	2AVS071		DISCHARGE-2
	1AVS008							1ATP002	2AVS072		BF001
	1AVS009							1ATP003	2AVS073		
	1AVS010							1ATP004	2AVS074		
	1AVS011								AVS075		
	1CVS012								2AVS076		
	1CVS013								2AVS077		
	1CVS014								DISCHARGE 1		
	1CVS015										
	1CVS016										
	1CVS017										
	1DVS018										
	1DVS019										
	1DVS020*										
	3VS024										
	3VS025										
	3VS026										
	3VS027										
	3VS028										
	3VS029										
	3VS030										
	3VS031										
	3VS032										

*NOTE: Samples numbered 021, 022 and 023 were not collected.

Index for IRM Sample Numbers Contained in Each Electronic Laboratory Report

Lab Report:	203858	203989	204148	204201	204269	204332	204397	204457	204634	204736	204782	205011
Sample Numbers in Each Report	2EVS088	2AVS092	2DVS100	2AVS103	2AVS115	2DVS119	1DVS122	2AVS124	1AVS137	2AVS149	2C1DVS155	2BVS163
	2AVS089	2AVS093	2AVS101	2AVS104	2AVS116	2DVS120	1DVS123	2AVS125	1AVS138	2AVS150	2C1DVS156	2BVS164
	2AVS090	2AVS094	2AVS102	2AVS105	2AVS117	1DVS121	RINSATE	2AVS126	1AVS139	2BVS151	2C1DVS157	2BVS165
	2AVS091	2AVS095		2AVS106	2DVS118			2AVS127	1AVS140	2BVS152	2C1DVS158	2BVS166
		2AVS096		2AVS107				2AVS128	1AVS141	2AVS153	2C1DVS159	2BVS167
		2AVS097		2AVS108				2AVS129	1AVS142	2AVS154	2C1DVS160	2BVS168
		2AVS098		2AVS109				2AVS130	1AVS143	BF002	2C1DVS161	2BVS169
		2AVS099		2AVS110				2AVS131	1AVS144	SP008	2C1DVS162	2BVS170
				2AVS111				2AVS132	1AVS145	RINSATE	DISCHARGE 3	2BVS171
				2AVS112				2AVS133	1AVS146		SP007	2BVS172
				2AVS113				2AVS134	1AVS147		2CID001	2DVS173
				2AVS114				2AVS135	2DVS148			2DVS174
								2AVS136				2DVS175
								SP006				2CVS176
												2CVS177
												2CVS178
												2CVS179
												2CVS180
												2CVS181
												2CVS182
												2CGW001

Index for IRM Sample Numbers Contained in Each Electronic Laboratory Report

Lab Report:	**205060**	**205189**	**205317**	**205468**	**205525**	**205589**	**205627**	**206083**
Sample Numbers in Each Report	2CVS183	1AVS208	1DVS224	2DVS237	1BVS246	2AVS255	2BVS257	2BVS258
	2CVS184	1AVS209	1DVS225	2DVS238	1BVS247	2AVS256	BF004	2BVS259
	2CVS185	1AVS210	2BVS226	2DVS239	1BVS248			2BVS260
	2CVS186	1AVS211	2BVS227	2DVS240	1BVS249			2BVS261
	2CVS187	1DVS212	2BVS228	2DVS241	1BVS250			2BVS262
	2CVS188	1DVS213	2BVS229	2DVS242	1BVS251			2BVS263
	2CVS189	1DVS214	2BVS230	2BVS243	1BVS252			
	2CVS190	1DVS215	2BVS231	2DVS244	1BVS253			
	2CVS191	1DVS216	2BVS232	1DVS245	1BVS254			
	2CVS192	1DVS217	2BVS233					
	2CVS193	1DVS218	2AVS234					
	5VS194	1DVS219	2AVS235					
	5VS195	1DVS220	2AVS236					
	5VS196	1DVS221						
	5VS197	2AVS222						
	5VS198	2AVS223						
	5VS199	BF003						
	5VS200							
	4VS201							
	4VS202							
	4VS203							
	4VS204							
	4VS205							
	4VS206							
	4VS207							

Index for Test Pit Sample Numbers Contained in Each Electronic Laboratory Report

Lab Report:	201646	201675	201735	201736	201738
Sample Numbers in Each Report	PCTPS001	PCTPS011	PCTPS041	PCTPS018	PCTPS039
	PCTPS002	PCTPS012	PCTPS044	PCTPS021	PCTPS040
	PCTPS003	PCTPS013	PCTPS050	PCTPS022	PCTPS045
	PCTPS004	PCTPS014	PCTPS051	PCTPS023	PCTPS046
	PCTPS005	PCTPS015	PCTPS052	PCTPS024	
	PCTPS006	PCTPS016	PCTPS053	PCTPS025	
	PCTPS007	PCTPS017	PCTPS054	PCTPS026	
	PCTPS008	PCTPS019		PCTPS027	
	PCTPS009	PCTPS020		PCTPS028	
	PCTPS010			PCTPS029	
	S1TP1			PCTPS030	
	S1TP2			PCTPS031	
	S1TP3			PCTPS032	
	S1TP4			PCTPS037	
	PCTPS033			PCTPS038	
	PCTPS034			PCTPS048	
	PCTPS035			PCTPS049	
	PCTPS036				

Appendix O

Tonnage Report of Soils Hauled to MODERN Landfill

Customer Range from : 8155.000 To: 8155.999 Date Range from: 04/01/99 To: 08/31/99

8155.001 BP AMERICA
Niagara Falls 3425 HYDE PARK BLVD FORMER CARBORUNDUM SITE

05/17/99	TONS (M99-1182) CONTAMINATED SOIL	.00	23.56	23.56	17.00	400.52	TK	862971.	0 792407
05/17/99	TONS (M99-1182) CONTAMINATED SOIL	.00	18.75	18.75	17.00	318.75	TK	862972.	0 792407
05/17/99	TONS (M99-1182) CONTAMINATED SOIL	.00	21.93	21.93	17.00	372.81	TK	862974.	0 792407
05/17/99	TONS (M99-1182) CONTAMINATED SOIL	.00	22.02	22.02	17.00	374.34	TK	862976.	0 804294
05/17/99	TONS (M99-1182) CONTAMINATED SOIL	.00	24.92	24.92	17.00	423.64	TK	862979.	0 792407
05/17/99	TONS (M99-1182) CONTAMINATED SOIL	.00	23.17	23.17	17.00	393.89	TK	862980.	0 792407
05/17/99	TONS (M99-1182) CONTAMINATED SOIL	.00	24.02	24.02	17.00	408.34	TK	862982.	0 792407
05/17/99	TONS (M99-1182) CONTAMINATED SOIL	.00	24.54	24.54	17.00	417.18	TK	862987.	0 792407
05/17/99	TONS (M99-1182) CONTAMINATED SOIL	.00	18.06	18.06	17.00	307.02	TK	862989.	0 792407
05/17/99	TONS (M99-1182) CONTAMINATED SOIL	.00	25.34	25.34	17.00	430.78	TK	862991.	0 792407
05/17/99	TONS (M99-1182) CONTAMINATED SOIL	.00	22.14	22.14	17.00	376.38	TK	862994.	0 792407
05/17/99	TONS (M99-1182) CONTAMINATED SOIL	.00	22.53	22.53	17.00	383.01	TK	862995.	0 792407
05/17/99	TONS (M99-1182) CONTAMINATED SOIL	.00	23.39	23.39	17.00	397.63	TK	862996.	0 792407
05/17/99	TONS (M99-1182) CONTAMINATED SOIL	.00	24.09	24.09	17.00	409.53	TK	862998.	0 792407
05/17/99	TONS (M99-1182) CONTAMINATED SOIL	.00	23.00	23.00	17.00	391.00	TK	862999.	0 792407
05/17/99	TONS (M99-1182) CONTAMINATED SOIL	.00	22.67	22.67	17.00	385.39	TK	863000.	0 792407
05/17/99	TONS (M99-1182) CONTAMINATED SOIL	.00	23.12	23.12	17.00	393.04	TK	863003.	0 792407
05/17/99	TONS (M99-1182) CONTAMINATED SOIL	.00	19.97	19.97	17.00	339.49	TK	863007.	0 792407
05/17/99	TONS (M99-1182) CONTAMINATED SOIL	.00	24.22	24.22	17.00	411.74	TK	863008.	0 792407
05/17/99	TONS (M99-1182) CONTAMINATED SOIL	.00	25.97	25.97	17.00	441.49	TK	863009.	0 792407
05/17/99	TONS (M99-1182) CONTAMINATED SOIL	.00	24.52	24.52	17.00	416.84	TK	863010.	0 792407
05/17/99	TONS (M99-1182) CONTAMINATED SOIL	.00	20.48	20.48	17.00	348.16	TK	863011.	0 792407
05/17/99	TONS (M99-1182) CONTAMINATED SOIL	.00	26.64	26.64	17.00	452.88	TK	863012.	0 792407
05/17/99	TONS (M99-1182) CONTAMINATED SOIL	.00	21.82	21.82	17.00	370.94	TK	863013.	0 792407
05/17/99	TONS (M99-1182) CONTAMINATED SOIL	.00	25.56	25.56	17.00	434.52	TK	864031.	0 792407
05/17/99	TONS (M99-1182) CONTAMINATED SOIL	.00	25.36	25.36	17.00	431.12	TK	864037.	0 792407
05/17/99	TONS (M99-1182) CONTAMINATED SOIL	.00	22.84	22.84	17.00	388.28	TK	864038.	0 792407
05/17/99	TONS (M99-1182) CONTAMINATED SOIL	.00	22.80	22.80	17.00	387.60	TK	864043.	0 792407

C ial [Revie stone W TAX 27) Fo erm D. Serv

Customer Range From : 8155.000 To: 8155.999 Date Range from: 04/01/99 To: 08/31/99

8155.001 BP AMERICA 3425 HYDE PARK BLVD FORMER CARBORUNDUM SITE
Niagara Falls

Trans Date	Service Description	Trans.	Quantity	Tonnage	Rate	Total Charges	Ticket #	Invoice Number	Trans. Count
05/17/99	TONS (M99-1182) CONTAMINATED SOIL	.00	23.31	23.31	17.00	396.27	TK 864045. 0	792407	
05/17/99	TONS (M99-1182) CONTAMINATED SOIL	.00	20.11	20.11	17.00	341.87	TK 864099. 0	792407	
05/17/99	TONS (M99-1182) CONTAMINATED SOIL	.00	24.99	24.99	17.00	424.83	TK 864105. 0	792407	
05/18/99	TONS (M99-1182) CONTAMINATED SOIL	.00	22.86	22.86	17.00	388.62	TK 863020. 0	792407	
05/18/99	TONS (M99-1182) CONTAMINATED SOIL	.00	26.78	26.78	17.00	455.26	TK 863022. 0	792407	
05/18/99	TONS (M99-1182) CONTAMINATED SOIL	.00	23.03	23.03	17.00	391.51	TK 863024. 0	792407	
05/18/99	TONS (M99-1182) CONTAMINATED SOIL	.00	22.66	22.66	17.00	385.22	TK 863025. 0	792407	
05/18/99	TONS (M99-1182) CONTAMINATED SOIL	.00	22.53	22.53	17.00	383.01	TK 863028. 0	792407	
05/18/99	TONS (M99-1182) CONTAMINATED SOIL	.00	24.14	24.14	17.00	410.38	TK 863031. 0	792407	
05/18/99	TONS (M99-1182) CONTAMINATED SOIL	.00	19.98	19.98	17.00	339.66	TK 863032. 0	792407	
05/18/99	TONS (M99-1182) CONTAMINATED SOIL	.00	23.53	23.53	17.00	400.01	TK 863034. 0	792407	
05/18/99	TONS (M99-1182) CONTAMINATED SOIL	.00	22.32	22.32	17.00	379.44	TK 863035. 0	792407	
05/18/99	TONS (M99-1182) CONTAMINATED SOIL	.00	20.90	20.90	17.00	355.30	TK 863037. 0	792407	
05/18/99	TONS (M99-1182) CONTAMINATED SOIL	.00	22.37	22.37	17.00	380.29	TK 863039. 0	792407	
05/18/99	TONS (M99-1182) CONTAMINATED SOIL	.00	30.00	30.00	17.00	510.00	TK 863040. 0	792407	
05/18/99	TONS (M99-1182) CONTAMINATED SOIL	.00	27.56	27.56	17.00	468.52	TK 863043. 0	792407	
05/18/99	TONS (M99-1182) CONTAMINATED SOIL	.00	30.84	30.84	17.00	524.28	TK 863045. 0	792407	
05/18/99	TONS (M99-1182) CONTAMINATED SOIL	.00	29.18	29.18	17.00	496.06	TK 863047. 0	792407	
05/18/99	TONS (M99-1182) CONTAMINATED SOIL	.00	21.91	21.91	17.00	372.47	TK 863049. 0	792407	
05/18/99	TONS (M99-1182) CONTAMINATED SOIL	.00	22.54	22.54	17.00	383.18	TK 863051. 0	792407	
05/18/99	TONS (M99-1182) CONTAMINATED SOIL	.00	22.57	22.57	17.00	383.69	TK 863060. 0	792407	
05/18/99	TONS (M99-1182) CONTAMINATED SOIL	.00	22.40	22.40	17.00	380.80	TK 863061. 0	792407	
05/18/99	TONS (M99-1182) CONTAMINATED SOIL	.00	23.28	23.28	17.00	395.76	TK 863063. 0	792407	
05/18/99	TONS (M99-1182) CONTAMINATED SOIL	.00	22.76	22.76	17.00	386.92	TK 863065. 0	792407	
05/18/99	TONS (M99-1182) CONTAMINATED SOIL	.00	25.25	25.25	17.00	429.25	TK 863068. 0	792407	
05/18/99	TONS (M99-1182) CONTAMINATED SOIL	.00	22.14	22.14	17.00	376.38	TK 863075. 0	792407	
05/18/99	TONS (M99-1182) CONTAMINATED SOIL	.00	24.54	24.54	17.00	417.18	TK 863077. 0	792407	
05/18/99	TONS (M99-1182) CONTAMINATED SOIL	.00	23.46	23.46	17.00	398.82	TK 863080. 0	792407	
05/18/99	TONS (M99-1182) CONTAMINATED SOIL	.00	20.28	20.28	17.00	344.76	TK 863082. 0	792407	
05/18/99	TONS (M99-1182) CONTAMINATED SOIL	.00	20.23	20.23	17.00	343.91	TK 863084. 0	792407	
05/18/99	TONS (M99-1182) CONTAMINATED SOIL	.00	22.66	22.66	17.00	385.22	TK 863086. 0	792407	
05/18/99	TONS (M99-1182) CONTAMINATED SOIL	.00	24.70	24.70	17.00	419.90	TK 863087. 0	792407	
05/18/99	TONS (M99-1182) CONTAMINATED SOIL	.00	23.89	23.89	17.00	406.13	TK 863089. 0	792407	
05/18/99	TONS (M99-1182) CONTAMINATED SOIL	.00	20.57	20.57	17.00	349.69	TK 863091. 0	792407	
05/18/99	TONS (M99-1182) CONTAMINATED SOIL	.00	19.83	19.83	17.00	337.11	TK 863092. 0	792407	
05/18/99	TONS (M99-1182) CONTAMINATED SOIL	.00	24.02	24.02	17.00	408.34	TK 863093. 0	792407	
05/18/99	TONS (M99-1182) CONTAMINATED SOIL	.00	20.20	20.20	17.00	343.40	TK 863095. 0	792407	
05/18/99	TONS (M99-1182) CONTAMINATED SOIL	.00	24.69	24.69	17.00	419.73	TK 864122. 0	792407	
05/18/99	TONS (M99-1182) CONTAMINATED SOIL	.00	27.15	27.15	17.00	461.55	TK 864123. 0	792407	
05/18/99	TONS (M99-1182) CONTAMINATED SOIL	.00	22.86	22.86	17.00	388.62	TK 864124. 0	792407	
05/18/99	TONS (M99-1182) CONTAMINATED SOIL	.00	21.84	21.84	17.00	371.28	TK 864126. 0	792407	
05/18/99	TONS (M99-1182) CONTAMINATED SOIL	.00	22.48	22.48	17.00	382.16	TK 864127. 0	792407	
05/18/99	TONS (M99-1182) CONTAMINATED SOIL	.00	25.59	25.59	17.00	435.03	TK 864149. 0	792407	
05/18/99	TONS (M99-1182) CONTAMINATED SOIL	.00	20.09	20.09	17.00	341.53	TK 864153. 0	792407	
05/18/99	TONS (M99-1182) CONTAMINATED SOIL	.00	22.67	22.67	17.00	385.39	TK 864154. 0	792407	
05/18/99	TONS (M99-1182) CONTAMINATED SOIL	.00	23.44	23.44	17.00	398.48	TK 864157. 0	792407	
05/18/99	TONS (M99-1182) CONTAMINATED SOIL	.00	26.02	26.02	17.00	442.34	TK 864159. 0	792407	

Commercial Ticket Review by Customer - W/O TAX cont'd on next page

Customer Range from : 8155.000 To: 8155.999 Date Range from: 04/01/99 To: 08/31/99

8155.001 BP AMERICA 3425 HYDE PARK BLVD FORMER CARBORUNDUM SITE
Niagara Falls

Trans Date	Service Description	Trans.	Quantity	Tonnage	Rate	Total Charges	Ticket #	Invoice Number	Trans. Count
05/18/99	TONS (M99-1182) CONTAMINATED SOIL	.00	23.93	23.93	17.00	406.81	TK 864160. 0	792407	
05/18/99	TONS (M99-1182) CONTAMINATED SOIL	.00	24.21	24.21	17.00	411.57	TK 864161. 0	792407	
05/18/99	TONS (M99-1182) CONTAMINATED SOIL	.00	22.59	22.59	17.00	384.03	TK 864163. 0	792407	
05/18/99	TONS (M99-1182) CONTAMINATED SOIL	.00	24.28	24.28	17.00	412.76	TK 864166. 0	792407	
05/18/99	TONS (M99-1182) CONTAMINATED SOIL	.00	23.66	23.66	17.00	402.22	TK 864168. 0	792407	
05/18/99	TONS (M99-1182) CONTAMINATED SOIL	.00	20.69	20.69	17.00	351.73	TK 864195. 0	792407	
05/18/99	TONS (M99-1182) CONTAMINATED SOIL	.00	24.75	24.75	17.00	420.75	TK 864196. 0	792407	
05/18/99	TONS (M99-1182) CONTAMINATED SOIL	.00	22.21	22.21	17.00	377.57	TK 864198. 0	792407	
05/18/99	TONS (M99-1182) CONTAMINATED SOIL	.00	20.81	20.81	17.00	353.77	TK 864199. 0	792407	
05/18/99	TONS (M99-1182) CONTAMINATED SOIL	.00	22.22	22.22	17.00	377.74	TK 864487. 0	792407	
05/18/99	TONS (M99-1182) CONTAMINATED SOIL	.00	21.39	21.39	17.00	363.63	TK 864627. 0	792407	
05/19/99	TONS (M99-1182) CONTAMINATED SOIL	.00	18.33	18.33	17.00	311.61	TK 864723. 0	792407	
05/19/99	TONS (M99-1182) CONTAMINATED SOIL	.00	18.42	18.42	17.00	313.14	TK 864169. 0	792407	
05/19/99	TONS (M99-1182) CONTAMINATED SOIL	.00	18.74	18.74	17.00	318.58	TK 864170. 0	792407	
05/19/99	TONS (M99-1182) CONTAMINATED SOIL	.00	18.69	18.69	17.00	317.73	TK 864333. 0	792407	
05/19/99	TONS (M99-1182) CONTAMINATED SOIL	.00	21.18	21.18	17.00	360.06	TK 864426. 0	792407	
05/19/99	TONS (M99-1182) CONTAMINATED SOIL	.00	28.81	28.81	17.00	489.77	TK 864427. 0	792407	
05/19/99	TONS (M99-1182) CONTAMINATED SOIL	.00	17.46	17.46	17.00	296.82	TK 864428. 0	792407	
05/19/99	TONS (M99-1182) CONTAMINATED SOIL	.00	20.56	20.56	17.00	349.52	TK 864429. 0	792407	
05/19/99	TONS (M99-1182) CONTAMINATED SOIL	.00	28.69	28.69	17.00	487.73	TK 864430. 0	792407	
05/19/99	TONS (M99-1182) CONTAMINATED SOIL	.00	25.29	25.29	17.00	429.93	TK 864432. 0	792407	
05/19/99	TONS (M99-1182) CONTAMINATED SOIL	.00	22.06	22.06	17.00	375.02	TK 864433. 0	792407	
05/19/99	TONS (M99-1182) CONTAMINATED SOIL	.00	22.15	22.15	17.00	376.55	TK 864434. 0	792407	
05/19/99	TONS (M99-1182) CONTAMINATED SOIL	.00	25.43	25.43	17.00	432.31	TK 864436. 0	792407	
05/19/99	TONS (M99-1182) CONTAMINATED SOIL	.00	21.69	21.69	17.00	368.73	TK 864437. 0	792407	
05/19/99	TONS (M99-1182) CONTAMINATED SOIL	.00	20.66	20.66	17.00	351.22	TK 864438. 0	792407	
05/19/99	TONS (M99-1182) CONTAMINATED SOIL	.00	23.28	23.28	17.00	395.76	TK 864441. 0	792407	
05/19/99	TONS (M99-1182) CONTAMINATED SOIL	.00	20.81	20.81	17.00	353.77	TK 864445. 0	792407	
05/19/99	TONS (M99-1182) CONTAMINATED SOIL	.00	25.53	25.53	17.00	434.01	TK 864446. 0	792407	
05/19/99	TONS (M99-1182) CONTAMINATED SOIL	.00	26.64	26.64	17.00	452.88	TK 864447. 0	792407	
05/19/99	TONS (M99-1182) CONTAMINATED SOIL	.00	22.12	22.12	17.00	376.04	TK 864450. 0	792407	
05/19/99	TONS (M99-1182) CONTAMINATED SOIL	.00	24.78	24.78	17.00	421.26	TK 864452. 0	792407	
05/19/99	TONS (M99-1182) CONTAMINATED SOIL	.00	19.58	19.58	17.00	332.86	TK 864454. 0	792407	
05/19/99	TONS (M99-1182) CONTAMINATED SOIL	.00	24.18	24.18	17.00	411.06	TK 864532. 0	792407	
05/19/99	TONS (M99-1182) CONTAMINATED SOIL	.00	22.06	22.06	17.00	375.02	TK 864533. 0	792407	
05/19/99	TONS (M99-1182) CONTAMINATED SOIL	.00	17.47	17.47	17.00	296.99	TK 864534. 0	792407	
05/19/99	TONS (M99-1182) CONTAMINATED SOIL	.00	22.78	22.78	17.00	387.26	TK 864535. 0	792407	
05/19/99	TONS (M99-1182) CONTAMINATED SOIL	.00	21.61	21.61	17.00	367.37	TK 864536. 0	792407	
05/19/99	TONS (M99-1182) CONTAMINATED SOIL	.00	21.25	21.25	17.00	361.25	TK 864537. 0	792407	
05/19/99	TONS (M99-1182) CONTAMINATED SOIL	.00	21.94	21.94	17.00	372.98	TK 864538. 0	792407	
05/19/99	TONS (M99-1182) CONTAMINATED SOIL	.00	25.67	25.67	17.00	436.39	TK 864549. 0	792407	
05/19/99	TONS (M99-1182) CONTAMINATED SOIL	.00	19.03	19.03	17.00	323.51	TK 864550. 0	792407	
05/19/99	TONS (M99-1182) CONTAMINATED SOIL	.00	17.65	17.65	17.00	300.05	TK 864551. 0	792407	
05/19/99	TONS (M99-1182) CONTAMINATED SOIL	.00	19.89	19.89	17.00	338.13	TK 864552. 0	792407	
05/19/99	TONS (M99-1182) CONTAMINATED SOIL	.00	19.80	19.80	17.00	336.60	TK 864553. 0	792407	
05/19/99	TONS (M99-1182) CONTAMINATED SOIL	.00	28.78	28.78	17.00	489.26	TK 864554. 0	792407	
05/19/99	TONS (M99-1182) CONTAMINATED SOIL	.00	19.55	19.55	17.00	332.35	TK 864555. 0	792407	

Commercial Ticket Review by Customer - W/O TAX cont'd on next page

Customer Range From : 8155.000 To: 8155.999 Date Range From: 04/01/99 To: 08/31/99

8155.001 BP AMERICA 3425 HYDE PARK BLVD FORMER CARBORUNDUM SITE
Niagara Falls

Trans Date	Service Description	Trans.	Quantity	Tonnage	Rate	Total Charges	Ticket #	Invoice Number	Trans. Count
05/19/99	TONS (M99-1182) CONTAMINATED SOIL	.00	22.06	22.06	17.00	375.02	TK 864556. 0	792407	
05/19/99	TONS (M99-1182) CONTAMINATED SOIL	.00	20.89	20.89	17.00	355.13	TK 864557. 0	792407	
05/19/99	TONS (M99-1182) CONTAMINATED SOIL	.00	19.07	19.07	17.00	324.19	TK 864558. 0	792407	
05/19/99	TONS (M99-1182) CONTAMINATED SOIL	.00	21.63	21.63	17.00	367.71	TK 864576. 0	792407	
05/19/99	TONS (M99-1182) CONTAMINATED SOIL	.00	28.29	28.29	17.00	480.93	TK 864577. 0	792407	
05/19/99	TONS (M99-1182) CONTAMINATED SOIL	.00	24.94	24.94	17.00	423.98	TK 864578. 0	792407	
05/19/99	TONS (M99-1182) CONTAMINATED SOIL	.00	24.23	24.23	17.00	411.91	TK 864579. 0	792407	
05/19/99	TONS (M99-1182) CONTAMINATED SOIL	.00	23.83	23.83	17.00	405.11	TK 864589. 0	792407	
05/19/99	TONS (M99-1182) CONTAMINATED SOIL	.00	18.34	18.34	17.00	311.78	TK 864628. 0	792407	
05/19/99	TONS (M99-1182) CONTAMINATED SOIL	.00	16.47	16.47	17.00	279.99	TK 864708. 0	792407	
05/19/99	TONS (M99-1182) CONTAMINATED SOIL	.00	22.66	22.66	17.00	385.22	TK 864739. 0	792407	
05/19/99	TONS (M99-1182) CONTAMINATED SOIL	.00	17.71	17.71	17.00	301.07	TK 864741. 0	792407	
05/19/99	TONS (M99-1182) CONTAMINATED SOIL	.00	20.16	20.16	17.00	342.72	TK 865200. 0	792407	
05/19/99	TONS (M99-1182) CONTAMINATED SOIL	.00	20.96	20.96	17.00	356.32	TK 865203. 0	792407	
05/19/99	TONS (M99-1182) CONTAMINATED SOIL	.00	20.33	20.33	17.00	345.61	TK 865205. 0	792407	
05/19/99	TONS (M99-1182) CONTAMINATED SOIL	.00	20.47	20.47	17.00	347.99	TK 865214. 0	792407	
05/19/99	TONS (M99-1182) CONTAMINATED SOIL	.00	20.01	20.01	17.00	340.17	TK 865215. 0	792407	
05/19/99	TONS (M99-1182) CONTAMINATED SOIL	.00	22.44	22.44	17.00	381.48	TK 865217. 0	792407	
05/19/99	TONS (M99-1182) CONTAMINATED SOIL	.00	22.27	22.27	17.00	378.59	TK 865219. 0	792407	
05/19/99	TONS (M99-1182) CONTAMINATED SOIL	.00	18.88	18.88	17.00	320.96	TK 865315. 0	792407	
05/19/99	TONS (M99-1182) CONTAMINATED SOIL	.00	20.21	20.21	17.00	343.57	TK 865316. 0	792407	
05/19/99	TONS (M99-1182) CONTAMINATED SOIL	.00	19.57	19.57	17.00	332.69	TK 865318. 0	792407	
05/19/99	TONS (M99-1182) CONTAMINATED SOIL	.00	19.83	19.83	17.00	337.11	TK 865319. 0	792407	
05/19/99	TONS (M99-1182) CONTAMINATED SOIL	.00	20.15	20.15	17.00	342.55	TK 865320. 0	792407	
05/19/99	TONS (M99-1182) CONTAMINATED SOIL	.00	17.01	17.01	17.00	289.17	TK 865322. 0	792407	
05/19/99	TONS (M99-1182) CONTAMINATED SOIL	.00	23.17	23.17	17.00	393.89	TK 865345. 0	792407	
05/20/99	TONS (M99-1182) CONTAMINATED SOIL	.00	24.93	24.93	17.00	423.81	TK 862962. 0	792407	
05/20/99	TONS (M99-1182) CONTAMINATED SOIL	.00	25.47	25.47	17.00	432.99	TK 863054. 0	792407	
05/20/99	TONS (M99-1182) CONTAMINATED SOIL	.00	19.18	19.18	17.00	326.06	TK 863056. 0	792407	
05/20/99	TONS (M99-1182) CONTAMINATED SOIL	.00	22.20	22.20	17.00	377.40	TK 863057. 0	792407	
05/20/99	TONS (M99-1182) CONTAMINATED SOIL	.00	20.21	20.21	17.00	343.57	TK 863069. 0	792407	
05/20/99	TONS (M99-1182) CONTAMINATED SOIL	.00	19.72	19.72	17.00	335.24	TK 863071. 0	792407	
05/20/99	TONS (M99-1182) CONTAMINATED SOIL	.00	20.54	20.54	17.00	349.18	TK 863073. 0	792407	
05/20/99	TONS (M99-1182) CONTAMINATED SOIL	.00	22.32	22.32	17.00	379.44	TK 864026. 0	792407	
05/20/99	TONS (M99-1182) CONTAMINATED SOIL	.00	25.13	25.13	17.00	427.21	TK 864034. 0	792407	
05/20/99	TONS (M99-1182) CONTAMINATED SOIL	.00	24.55	24.55	17.00	417.35	TK 864104. 0	792407	
05/20/99	TONS (M99-1182) CONTAMINATED SOIL	.00	25.84	25.84	17.00	439.28	TK 864155. 0	792407	
05/20/99	TONS (M99-1182) CONTAMINATED SOIL	.00	20.21	20.21	17.00	343.57	TK 864156. 0	792407	
05/20/99	TONS (M99-1182) CONTAMINATED SOIL	.00	26.18	26.18	17.00	445.06	TK 864197. 0	792407	
05/20/99	TONS (M99-1182) CONTAMINATED SOIL	.00	20.56	20.56	17.00	349.52	TK 864200. 0	792407	
05/20/99	TONS (M99-1182) CONTAMINATED SOIL	.00	20.68	20.68	17.00	351.56	TK 864498. 0	792407	
05/20/99	TONS (M99-1182) CONTAMINATED SOIL	.00	23.03	23.03	17.00	391.51	TK 864590. 0	792407	
05/20/99	TONS (M99-1182) CONTAMINATED SOIL	.00	25.41	25.41	17.00	431.97	TK 864592. 0	792407	
05/20/99	TONS (M99-1182) CONTAMINATED SOIL	.00	22.62	22.62	17.00	384.54	TK 864594. 0	792407	
05/20/99	TONS (M99-1182) CONTAMINATED SOIL	.00	22.60	22.60	17.00	384.20	TK 864595. 0	792407	
05/20/99	TONS (M99-1182) CONTAMINATED SOIL	.00	20.98	20.98	17.00	356.66	TK 864598. 0	792407	
05/20/99	TONS (M99-1182) CONTAMINATED SOIL	.00	22.42	22.42	17.00	381.14	TK 864600. 0	792407	

Commercial Ticket Review by Customer - W/O TAX cont'd on next page

Customer Range from : 8155.000 To: 8155.999 Date Range From: 04/01/99 To: 08/31/99

8155.001 BP AMERICA 3425 HYDE PARK BLVD FORMER CARBORUNDUM SITE
Niagara Falls

Trans Date	Service Description	Trans.	Quantity	Tonnage	Rate	Total Charges		Ticket #	Invoice Number	Trans. Count
05/20/99	TONS (M99-1182) CONTAMINATED SOIL	.00	24.62	24.62	17.00	418.54	TK	864604. 0	792407	
05/20/99	TONS (M99-1182) CONTAMINATED SOIL	.00	22.57	22.57	17.00	383.69	TK	864606. 0	792407	
05/20/99	TONS (M99-1182) CONTAMINATED SOIL	.00	22.63	22.63	17.00	384.71	TK	864608. 0	792407	
05/20/99	TONS (M99-1182) CONTAMINATED SOIL	.00	19.07	19.07	17.00	324.19	TK	864610. 0	792407	
05/20/99	TONS (M99-1182) CONTAMINATED SOIL	.00	18.65	18.65	17.00	317.05	TK	864612. 0	792407	
05/20/99	TONS (M99-1182) CONTAMINATED SOIL	.00	21.59	21.59	17.00	367.03	TK	864616. 0	792407	
05/20/99	TONS (M99-1182) CONTAMINATED SOIL	.00	23.10	23.10	17.00	392.70	TK	864697. 0	792407	
05/20/99	TONS (M99-1182) CONTAMINATED SOIL	.00	22.58	22.58	17.00	383.86	TK	864700. 0	792407	
05/20/99	TONS (M99-1182) CONTAMINATED SOIL	.00	26.98	26.98	17.00	458.66	TK	865317. 0	792407	
05/20/99	TONS (M99-1182) CONTAMINATED SOIL	.00	21.09	21.09	17.00	358.53	TK	865356. 0	792407	
05/20/99	TONS (M99-1182) CONTAMINATED SOIL	.00	22.36	22.36	17.00	380.12	TK	865357. 0	792407	
05/20/99	TONS (M99-1182) CONTAMINATED SOIL	.00	20.27	20.27	17.00	344.59	TK	865358. 0	792407	
05/20/99	TONS (M99-1182) CONTAMINATED SOIL	.00	21.20	21.20	17.00	360.40	TK	865440. 0	792407	
05/20/99	TONS (M99-1182) CONTAMINATED SOIL	.00	23.12	23.12	17.00	393.04	TK	865444. 0	792407	
05/20/99	TONS (M99-1182) CONTAMINATED SOIL	.00	17.77	17.77	17.00	302.09	TK	865446. 0	792407	
05/20/99	TONS (M99-1182) CONTAMINATED SOIL	.00	26.68	26.68	17.00	453.56	TK	865471. 0	792407	
05/20/99	TONS (M99-1182) CONTAMINATED SOIL	.00	20.97	20.97	17.00	356.49	TK	865472. 0	792407	
05/20/99	TONS (M99-1182) CONTAMINATED SOIL	.00	24.94	24.94	17.00	423.98	TK	865473. 0	792407	
05/20/99	TONS (M99-1182) CONTAMINATED SOIL	.00	24.29	24.29	17.00	412.93	TK	865474. 0	792407	
05/20/99	TONS (M99-1182) CONTAMINATED SOIL	.00	24.21	24.21	17.00	411.57	TK	865475. 0	792407	
05/20/99	TONS (M99-1182) CONTAMINATED SOIL	.00	21.36	21.36	17.00	363.12	TK	865661. 0	792407	
05/20/99	TONS (M99-1182) CONTAMINATED SOIL	.00	23.11	23.11	17.00	392.87	TK	865662. 0	792407	
05/20/99	TONS (M99-1182) CONTAMINATED SOIL	.00	27.98	27.98	17.00	475.66	TK	865663. 0	792407	
05/20/99	TONS (M99-1182) CONTAMINATED SOIL	.00	18.90	18.90	17.00	321.30	TK	865665. 0	792407	
05/20/99	TONS (M99-1182) CONTAMINATED SOIL	.00	21.12	21.12	17.00	359.04	TK	865667. 0	792407	
05/20/99	TONS (M99-1182) CONTAMINATED SOIL	.00	22.68	22.68	17.00	385.56	TK	865668. 0	792407	
05/20/99	TONS (M99-1182) CONTAMINATED SOIL	.00	21.72	21.72	17.00	369.24	TK	865669. 0	792407	
05/20/99	TONS (M99-1182) CONTAMINATED SOIL	.00	22.20	22.20	17.00	377.40	TK	865670. 0	792407	
05/20/99	TONS (M99-1182) CONTAMINATED SOIL	.00	21.86	21.86	17.00	371.62	TK	865671. 0	792407	
05/20/99	TONS (M99-1182) CONTAMINATED SOIL	.00	22.98	22.98	17.00	390.66	TK	865672. 0	792407	
05/20/99	TONS (M99-1182) CONTAMINATED SOIL	.00	24.16	24.16	17.00	410.72	TK	865673. 0	792407	
05/20/99	TONS (M99-1182) CONTAMINATED SOIL	.00	26.24	26.24	17.00	446.08	TK	865676. 0	792407	
05/20/99	TONS (M99-1182) CONTAMINATED SOIL	.00	24.09	24.09	17.00	409.53	TK	865687. 0	792407	
05/20/99	TONS (M99-1182) CONTAMINATED SOIL	.00	24.75	24.75	17.00	420.75	TK	865691. 0	792407	
05/20/99	TONS (M99-1182) CONTAMINATED SOIL	.00	22.73	22.73	17.00	386.41	TK	865927. 0	792407	
05/20/99	TONS (M99-1182) CONTAMINATED SOIL	.00	20.84	20.84	17.00	354.28	TK	865928. 0	792407	
05/20/99	TONS (M99-1182) CONTAMINATED SOIL	.00	23.23	23.23	17.00	394.91	TK	865934. 0	792407	
05/20/99	TONS (M99-1182) CONTAMINATED SOIL	.00	24.78	24.78	17.00	421.26	TK	865942. 0	792407	
05/20/99	TONS (M99-1182) CONTAMINATED SOIL	.00	23.85	23.85	17.00	405.45	TK	865943. 0	792407	
05/20/99	TONS (M99-1182) CONTAMINATED SOIL	.00	25.25	25.25	17.00	429.25	TK	865952. 0	792407	
05/21/99	TONS (M99-1182) CONTAMINATED SOIL	.00	23.84	23.84	17.00	405.28	TK	865975. 0	792407	
05/21/99	TONS (M99-1182) CONTAMINATED SOIL	.00	20.77	20.77	17.00	353.09	TK	865848. 0	792407	
05/21/99	TONS (M99-1182) CONTAMINATED SOIL	.00	22.69	22.69	17.00	385.73	TK	865849. 0	792407	
05/21/99	TONS (M99-1182) CONTAMINATED SOIL	.00	17.88	17.88	17.00	303.96	TK	865850. 0	792407	
05/21/99	TONS (M99-1182) CONTAMINATED SOIL	.00	20.27	20.27	17.00	344.59	TK	865851. 0	792407	
05/21/99	TONS (M99-1182) CONTAMINATED SOIL	.00	24.44	24.44	17.00	415.48	TK	865852. 0	792407	
05/21/99	TONS (M99-1182) CONTAMINATED SOIL	.00	22.87	22.87	17.00	388.79	TK	865853. 0	792407	

Commercial Ticket Review by Customer - W/O TAX cont'd on next page

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Customer Range From : 8155.000 To: 8155.999 Date Range From: 04/01/99 To: 08/31/99

8155.001 BP AMERICA 3425 HYDE PARK BLVD FORMER CARBORUNDUM SITE
Niagara Falls

Trans Date	Service Description	Trans.	Quantity	Tonnage	Rate	Total Charges		Ticket #	Invoice Number	Trans. Count
05/21/99	TONS (M99-1182) CONTAMINATED SOIL	.00	23.82	23.82	17.00	404.94	TK	865855. 0	792407	
05/21/99	TONS (M99-1182) CONTAMINATED SOIL	.00	23.03	23.03	17.00	391.51	TK	865856. 0	792407	
05/21/99	TONS (M99-1182) CONTAMINATED SOIL	.00	21.92	21.92	17.00	372.64	TK	865860. 0	792407	
05/21/99	TONS (M99-1182) CONTAMINATED SOIL	.00	21.24	21.24	17.00	361.08	TK	865861. 0	792407	
05/21/99	TONS (M99-1182) CONTAMINATED SOIL	.00	19.80	19.80	17.00	336.60	TK	865862. 0	792407	
05/21/99	TONS (M99-1182) CONTAMINATED SOIL	.00	21.31	21.31	17.00	362.27	TK	865863. 0	792407	
05/21/99	TONS (M99-1182) CONTAMINATED SOIL	.00	24.98	24.98	17.00	424.66	TK	865864. 0	792407	
05/21/99	TONS (M99-1182) CONTAMINATED SOIL	.00	23.49	23.49	17.00	399.33	TK	865865. 0	792407	
05/21/99	TONS (M99-1182) CONTAMINATED SOIL	.00	22.36	22.36	17.00	380.12	TK	865866. 0	792407	
05/21/99	TONS (M99-1182) CONTAMINATED SOIL	.00	23.69	23.69	17.00	402.73	TK	865869. 0	792407	
05/21/99	TONS (M99-1182) CONTAMINATED SOIL	.00	20.50	20.50	17.00	348.50	TK	865870. 0	792407	
05/21/99	TONS (M99-1182) CONTAMINATED SOIL	.00	23.64	23.64	17.00	401.88	TK	865874. 0	792407	
05/21/99	TONS (M99-1182) CONTAMINATED SOIL	.00	23.87	23.87	17.00	405.79	TK	865877. 0	792407	
05/21/99	TONS (M99-1182) CONTAMINATED SOIL	.00	23.94	23.94	17.00	406.98	TK	865880. 0	792407	
05/21/99	TONS (M99-1182) CONTAMINATED SOIL	.00	20.97	20.97	17.00	356.49	TK	865882. 0	792407	
05/21/99	TONS (M99-1182) CONTAMINATED SOIL	.00	24.35	24.35	17.00	413.95	TK	865883. 0	792407	
05/21/99	TONS (M99-1182) CONTAMINATED SOIL	.00	24.14	24.14	17.00	410.38	TK	865890. 0	792407	
05/21/99	TONS (M99-1182) CONTAMINATED SOIL	.00	23.52	23.52	17.00	399.84	TK	865891. 0	792407	
05/21/99	TONS (M99-1182) CONTAMINATED SOIL	.00	25.46	25.46	17.00	432.82	TK	865893. 0	792407	
05/21/99	TONS (M99-1182) CONTAMINATED SOIL	.00	24.22	24.22	17.00	411.74	TK	865897. 0	792407	
05/21/99	TONS (M99-1182) CONTAMINATED SOIL	.00	28.51	28.51	17.00	484.67	TK	865901. 0	792407	
05/21/99	TONS (M99-1182) CONTAMINATED SOIL	.00	22.51	22.51	17.00	382.67	TK	865902. 0	792407	
05/21/99	TONS (M99-1182) CONTAMINATED SOIL	.00	26.01	26.01	17.00	442.17	TK	865915. 0	792407	
05/21/99	TONS (M99-1182) CONTAMINATED SOIL	.00	24.53	24.53	17.00	417.01	TK	865917. 0	792407	
05/21/99	TONS (M99-1182) CONTAMINATED SOIL	.00	23.51	23.51	17.00	399.67	TK	865918. 0	792407	
05/21/99	TONS (M99-1182) CONTAMINATED SOIL	.00	24.11	24.11	17.00	409.87	TK	865920. 0	792407	
05/21/99	TONS (M99-1182) CONTAMINATED SOIL	.00	21.22	21.22	17.00	360.74	TK	865937. 0	792407	
05/21/99	TONS (M99-1182) CONTAMINATED SOIL	.00	23.42	23.42	17.00	398.14	TK	865940. 0	792407	
05/21/99	TONS (M99-1182) CONTAMINATED SOIL	.00	24.27	24.27	17.00	412.59	TK	865945. 0	792407	
05/21/99	TONS (M99-1182) CONTAMINATED SOIL	.00	22.72	22.72	17.00	386.24	TK	865947. 0	792407	
05/21/99	TONS (M99-1182) CONTAMINATED SOIL	.00	18.94	18.94	17.00	321.98	TK	865949. 0	792407	
05/21/99	TONS (M99-1182) CONTAMINATED SOIL	.00	23.83	23.83	17.00	405.11	TK	866407. 0	792407	
05/21/99	TONS (M99-1182) CONTAMINATED SOIL	.00	24.47	24.47	17.00	415.99	TK	866433. 0	792407	
05/21/99	TONS (M99-1182) CONTAMINATED SOIL	.00	23.22	23.22	17.00	394.74	TK	866443. 0	792407	
05/21/99	TONS (M99-1182) CONTAMINATED SOIL	.00	24.53	24.53	17.00	417.01	TK	866447. 0	792407	
05/21/99	TONS (M99-1182) CONTAMINATED SOIL	.00	26.75	26.75	17.00	454.75	TK	866459. 0	792407	
05/21/99	TONS (M99-1182) CONTAMINATED SOIL	.00	23.67	23.67	17.00	402.39	TK	866463. 0	792407	
05/21/99	TONS (M99-1182) CONTAMINATED SOIL	.00	23.38	23.38	17.00	397.46	TK	866466. 0	792407	
05/21/99	TONS (M99-1182) CONTAMINATED SOIL	.00	21.33	21.33	17.00	362.61	TK	866511. 0	792407	
05/21/99	TONS (M99-1182) CONTAMINATED SOIL	.00	21.69	21.69	17.00	368.73	TK	866512. 0	792407	
05/21/99	TONS (M99-1182) CONTAMINATED SOIL	.00	25.91	25.91	17.00	440.47	TK	866521. 0	792407	
05/21/99	TONS (M99-1182) CONTAMINATED SOIL	.00	22.74	22.74	17.00	386.58	TK	866523. 0	792407	
05/24/99	TONS (M99-1182) CONTAMINATED SOIL	.00	20.60	20.60	17.00	350.20	TK	865965. 0	804294	
05/24/99	TONS (M99-1182) CONTAMINATED SOIL	.00	21.67	21.67	17.00	368.39	TK	865969. 0	804294	
05/24/99	TONS (M99-1182) CONTAMINATED SOIL	.00	23.81	23.81	17.00	404.77	TK	865971. 0	804294	
05/24/99	TONS (M99-1182) CONTAMINATED SOIL	.00	20.37	20.37	17.00	346.29	TK	865973. 0	804294	
05/24/99	TONS (M99-1182) CONTAMINATED SOIL	.00	24.57	24.57	17.00	417.69	TK	865976. 0	804294	

Commercial Ticket Review by Customer - W/O TAX cont'd on next page

Commercial Ticket Review by Customer - W/O TAX (rpt027) for: Modern Disposal Services,

Customer Range from : 8155.000 To: 8155.999 Date Range from: 04/01/99 To: 08/31/99

8155.001 DP AMERICA 3425 HYDE PARK BLVD FORMER CARBORUNDUM SITE
Niagara Falls

Trans Date	Service Description	Trans.	Quantity	Tonnage	Rate	Total Charges		Ticket #	Invoice Number	Trans. Count
05/24/99	TONS (M99-1182) CONTAMINATED SOIL	.00	24.26	24.26	17.00	412.42	TK	865978. 0	804294	
05/24/99	TONS (M99-1182) CONTAMINATED SOIL	.00	21.25	21.25	17.00	361.25	TK	865980. 0	804294	
05/24/99	TONS (M99-1182) CONTAMINATED SOIL	.00	22.30	22.30	17.00	379.10	TK	865981. 0	804294	
05/24/99	TONS (M99-1182) CONTAMINATED SOIL	.00	23.46	23.46	17.00	398.82	TK	865982. 0	804294	
05/24/99	TONS (M99-1182) CONTAMINATED SOIL	.00	22.76	22.76	17.00	386.92	TK	865984. 0	804294	
05/24/99	TONS (M99-1182) CONTAMINATED SOIL	.00	24.30	24.30	17.00	413.10	TK	865986. 0	804294	
05/24/99	TONS (M99-1182) CONTAMINATED SOIL	.00	23.88	23.88	17.00	405.96	TK	865989. 0	804295	
05/24/99	TONS (M99-1182) CONTAMINATED SOIL	.00	19.98	19.98	17.00	339.66	TK	865991. 0	804295	
05/24/99	TONS (M99-1182) CONTAMINATED SOIL	.00	22.22	22.22	17.00	377.74	TK	865996. 0	804295	
05/24/99	TONS (M99-1182) CONTAMINATED SOIL	.00	20.75	20.75	17.00	352.75	TK	865997. 0	804295	
05/24/99	TONS (M99-1182) CONTAMINATED SOIL	.00	22.32	22.32	17.00	379.44	TK	866001. 0	804295	
05/24/99	TONS (M99-1182) CONTAMINATED SOIL	.00	21.00	21.00	17.00	357.00	TK	866405. 0	804295	
05/24/99	TONS (M99-1182) CONTAMINATED SOIL	.00	22.12	22.12	17.00	376.04	TK	866410. 0	804295	
05/24/99	TONS (M99-1182) CONTAMINATED SOIL	.00	26.41	26.41	17.00	448.97	TK	866412. 0	804295	
05/24/99	TONS (M99-1182) CONTAMINATED SOIL	.00	22.14	22.14	17.00	376.38	TK	866415. 0	804295	
05/24/99	TONS (M99-1182) CONTAMINATED SOIL	.00	26.32	26.32	17.00	447.44	TK	866416. 0	804295	
05/24/99	TONS (M99-1182) CONTAMINATED SOIL	.00	21.41	21.41	17.00	363.97	TK	866424. 0	804295	
05/24/99	TONS (M99-1182) CONTAMINATED SOIL	.00	19.03	19.03	17.00	323.51	TK	866429. 0	804295	
05/24/99	TONS (M99-1182) CONTAMINATED SOIL	.00	19.58	19.58	17.00	332.86	TK	866431. 0	804295	
05/24/99	TONS (M99-1182) CONTAMINATED SOIL	.00	30.59	30.59	17.00	520.03	TK	866434. 0	804295	
05/24/99	TONS (M99-1182) CONTAMINATED SOIL	.00	23.19	23.19	17.00	394.23	TK	866445. 0	804295	
05/24/99	TONS (M99-1182) CONTAMINATED SOIL	.00	21.40	21.40	17.00	363.80	TK	866452. 0	804295	
05/24/99	TONS (M99-1182) CONTAMINATED SOIL	.00	27.55	27.55	17.00	468.35	TK	866453. 0	804295	
05/24/99	TONS (M99-1182) CONTAMINATED SOIL	.00	16.15	16.15	17.00	274.55	TK	866454. 0	804295	
05/24/99	TONS (M99-1182) CONTAMINATED SOIL	.00	20.96	20.96	17.00	356.32	TK	866455. 0	804295	
05/24/99	TONS (M99-1182) CONTAMINATED SOIL	.00	23.98	23.98	17.00	407.66	TK	866761. 0	804295	
05/24/99	TONS (M99-1182) CONTAMINATED SOIL	.00	22.90	22.90	17.00	389.30	TK	866762. 0	804295	
05/24/99	TONS (M99-1182) CONTAMINATED SOIL	.00	25.73	25.73	17.00	437.41	TK	866763. 0	804295	
05/24/99	TONS (M99-1182) CONTAMINATED SOIL	.00	25.26	25.26	17.00	429.42	TK	866765. 0	804295	
05/24/99	TONS (M99-1182) CONTAMINATED SOIL	.00	23.10	23.10	17.00	392.70	TK	866928. 0	804295	
05/24/99	TONS (M99-1182) CONTAMINATED SOIL	.00	23.23	23.23	17.00	394.91	TK	866929. 0	804295	
05/24/99	TONS (M99-1182) CONTAMINATED SOIL	.00	22.94	22.94	17.00	389.98	TK	866933. 0	804295	
05/24/99	TONS (M99-1182) CONTAMINATED SOIL	.00	23.20	23.20	17.00	394.40	TK	866934. 0	804295	
05/24/99	TONS (M99-1182) CONTAMINATED SOIL	.00	21.59	21.59	17.00	367.03	TK	866935. 0	804295	
05/24/99	TONS (M99-1182) CONTAMINATED SOIL	.00	23.88	23.88	17.00	405.96	TK	866940. 0	804295	
05/24/99	TONS (M99-1182) CONTAMINATED SOIL	.00	20.28	20.28	17.00	344.76	TK	867059. 0	804295	
05/24/99	TONS (M99-1182) CONTAMINATED SOIL	.00	20.73	20.73	17.00	352.41	TK	867095. 0	804295	
05/24/99	TONS (M99-1182) CONTAMINATED SOIL	.00	25.11	25.11	17.00	426.87	TK	867119. 0	804295	
05/24/99	TONS (M99-1182) CONTAMINATED SOIL	.00	22.82	22.82	17.00	387.94	TK	867122. 0	804295	
05/24/99	TONS (M99-1182) CONTAMINATED SOIL	.00	22.84	22.84	17.00	388.28	TK	867138. 0	804295	
05/24/99	TONS (M99-1182) CONTAMINATED SOIL	.00	20.71	20.71	17.00	352.07	TK	867139. 0	804295	
05/25/99	TONS (M99-1182) CONTAMINATED SOIL	.00	21.36	.00	17.00	363.12	TK	871353. 0	804295	
05/25/99	TONS (M99-1182) CONTAMINATED SOIL	.00	23.65	23.65	17.00	402.05	TK	864201. 0	804295	
05/25/99	TONS (M99-1182) CONTAMINATED SOIL	.00	22.49	22.49	17.00	382.33	TK	864202. 0	804295	
05/25/99	TONS (M99-1182) CONTAMINATED SOIL	.00	24.34	24.34	17.00	413.78	TK	864203. 0	804295	
05/25/99	TONS (M99-1182) CONTAMINATED SOIL	.00	22.30	22.30	17.00	379.10	TK	865993. 0	804295	
05/25/99	TONS (M99-1182) CONTAMINATED SOIL	.00	24.28	24.28	17.00	412.76	TK	865994. 0	804295	

Commercial Ticket Review by Customer - W/O TAX cont'd on next page

Commercial Ticket Review ... stone ... TAX ... fo ... ern Di ... Serv

Customer Range From : 8155.000 To: 8155.999 Date Range From: 04/01/99 To: 08/31/99

8155.001 BP AMERICA 3425 HYDE PARK BLVD FORMER CARBORUNDUM SITE
Niagara Falls

Trans Date	Service Description	Trans.	Quantity	Tonnage	Rate	Total Charges		Ticket #	Invoice Number	Trans. Count
05/25/99	TONS (M99-1182) CONTAMINATED SOIL	.00	26.01	26.01	17.00	442.17	TK	865995. 0	804295	
05/25/99	TONS (M99-1182) CONTAMINATED SOIL	.00	29.45	29.45	17.00	500.65	TK	866456. 0	804295	
05/25/99	TONS (M99-1182) CONTAMINATED SOIL	.00	26.81	26.81	17.00	455.77	TK	866468. 0	804295	
05/25/99	TONS (M99-1182) CONTAMINATED SOIL	.00	22.49	22.49	17.00	382.33	TK	866939. 0	804295	
05/25/99	TONS (M99-1182) CONTAMINATED SOIL	.00	20.42	20.42	17.00	347.14	TK	866941. 0	804295	
05/25/99	TONS (M99-1182) CONTAMINATED SOIL	.00	26.72	26.72	17.00	454.24	TK	867029. 0	804295	
05/25/99	TONS (M99-1182) CONTAMINATED SOIL	.00	25.55	25.55	17.00	434.35	TK	867030. 0	804295	
05/25/99	TONS (M99-1182) CONTAMINATED SOIL	.00	24.09	24.09	17.00	409.53	TK	867033. 0	804295	
05/25/99	TONS (M99-1182) CONTAMINATED SOIL	.00	23.74	23.74	17.00	403.58	TK	867035. 0	804295	
05/25/99	TONS (M99-1182) CONTAMINATED SOIL	.00	24.27	24.27	17.00	412.59	TK	867036. 0	804295	
05/25/99	TONS (M99-1182) CONTAMINATED SOIL	.00	22.07	22.07	17.00	375.19	TK	867037. 0	804295	
05/25/99	TONS (M99-1182) CONTAMINATED SOIL	.00	19.14	19.14	17.00	325.38	TK	867044. 0	804295	
05/25/99	TONS (M99-1182) CONTAMINATED SOIL	.00	20.50	20.50	17.00	348.50	TK	867047. 0	804295	
05/25/99	TONS (M99-1182) CONTAMINATED SOIL	.00	21.89	21.89	17.00	372.13	TK	867049. 0	804295	
05/25/99	TONS (M99-1182) CONTAMINATED SOIL	.00	22.75	22.75	17.00	386.75	TK	867051. 0	804295	
05/25/99	TONS (M99-1182) CONTAMINATED SOIL	.00	25.46	25.46	17.00	432.82	TK	867052. 0	804295	
05/25/99	TONS (M99-1182) CONTAMINATED SOIL	.00	26.25	26.25	17.00	446.25	TK	867055. 0	804295	
05/25/99	TONS (M99-1182) CONTAMINATED SOIL	.00	21.86	21.86	17.00	371.62	TK	867056. 0	804295	
05/25/99	TONS (M99-1182) CONTAMINATED SOIL	.00	26.33	26.33	17.00	447.61	TK	867060. 0	804295	
05/25/99	TONS (M99-1182) CONTAMINATED SOIL	.00	22.75	22.75	17.00	386.75	TK	867062. 0	804295	
05/25/99	TONS (M99-1182) CONTAMINATED SOIL	.00	18.92	18.92	17.00	321.64	TK	867063. 0	804295	
05/25/99	TONS (M99-1182) CONTAMINATED SOIL	.00	22.86	22.86	17.00	388.62	TK	867064. 0	804295	
05/25/99	TONS (M99-1182) CONTAMINATED SOIL	.00	25.70	25.70	17.00	436.90	TK	867065. 0	804295	
05/25/99	TONS (M99-1182) CONTAMINATED SOIL	.00	27.11	27.11	17.00	460.87	TK	867066. 0	804295	
05/25/99	TONS (M99-1182) CONTAMINATED SOIL	.00	24.54	24.54	17.00	417.18	TK	867067. 0	804295	
05/25/99	TONS (M99-1182) CONTAMINATED SOIL	.00	23.76	23.76	17.00	403.92	TK	867068. 0	804295	
05/25/99	TONS (M99-1182) CONTAMINATED SOIL	.00	24.84	24.84	17.00	422.28	TK	867069. 0	804295	
05/25/99	TONS (M99-1182) CONTAMINATED SOIL	.00	22.50	22.50	17.00	382.50	TK	867070. 0	804295	
05/25/99	TONS (M99-1182) CONTAMINATED SOIL	.00	24.55	24.55	17.00	417.35	TK	867071. 0	804295	
05/25/99	TONS (M99-1182) CONTAMINATED SOIL	.00	24.28	24.28	17.00	412.76	TK	867072. 0	804295	
05/25/99	TONS (M99-1182) CONTAMINATED SOIL	.00	27.38	27.38	17.00	465.46	TK	867073. 0	804295	
05/25/99	TONS (M99-1182) CONTAMINATED SOIL	.00	24.24	24.24	17.00	412.08	TK	867074. 0	804295	
05/25/99	TONS (M99-1182) CONTAMINATED SOIL	.00	23.48	23.48	17.00	399.16	TK	867075. 0	804295	
05/25/99	TONS (M99-1182) CONTAMINATED SOIL	.00	23.65	23.65	17.00	402.05	TK	867076. 0	804295	
05/25/99	TONS (M99-1182) CONTAMINATED SOIL	.00	22.87	22.87	17.00	388.79	TK	867077. 0	804295	
05/25/99	TONS (M99-1182) CONTAMINATED SOIL	.00	24.11	24.11	17.00	409.87	TK	867078. 0	804295	
05/25/99	TONS (M99-1182) CONTAMINATED SOIL	.00	22.68	22.68	17.00	385.56	TK	867079. 0	804295	
05/25/99	TONS (M99-1182) CONTAMINATED SOIL	.00	24.33	24.33	17.00	413.61	TK	867080. 0	804295	
05/25/99	TONS (M99-1182) CONTAMINATED SOIL	.00	23.36	23.36	17.00	397.12	TK	867083. 0	804295	
05/25/99	TONS (M99-1182) CONTAMINATED SOIL	.00	24.23	24.23	17.00	411.91	TK	867084. 0	804295	
05/25/99	TONS (M99-1182) CONTAMINATED SOIL	.00	23.15	23.15	17.00	393.55	TK	867085. 0	804295	
05/25/99	TONS (M99-1182) CONTAMINATED SOIL	.00	22.62	22.62	17.00	384.54	TK	867087. 0	804295	
05/25/99	TONS (M99-1182) CONTAMINATED SOIL	.00	23.21	23.21	17.00	394.57	TK	867089. 0	804295	
05/25/99	TONS (M99-1182) CONTAMINATED SOIL	.00	27.82	27.82	17.00	472.94	TK	867676. 0	804295	
05/25/99	TONS (M99-1182) CONTAMINATED SOIL	.00	20.96	20.96	17.00	356.32	TK	867751. 0	804295	
05/26/99	TONS (M99-1182) CONTAMINATED SOIL	.00	21.92	21.92	17.00	372.64	TK	867786. 0	804295	
		.00	24.22	24.22	17.00	411.74	TK	844096. 0	804295	

Commercial Ticket Review by Customer - W/O TAX cont'd on next page

Customer Range From : 8155.000 To: 8155.999 Date Range From: 04/01/99 To: 08/31/99

8155.001 DP AMERICA 3425 HYDE PARK BLVD FORMER CARBORUNDUM SITE
Niagara Falls

Trans Date	Service Description	Trans.	Quantity	Tonnage	Rate	Total Charges		Ticket #	Invoice Number	Trans. Count
05/26/99	TONS (M99-1182) CONTAMINATED SOIL	.00	22.61	22.61	17.00	384.37	TK	844264. 0	804295	
05/26/99	TONS (M99-1182) CONTAMINATED SOIL	.00	24.80	24.80	17.00	421.60	TK	864845. 0	804295	
05/26/99	TONS (M99-1182) CONTAMINATED SOIL	.00	22.73	22.73	17.00	386.41	TK	865677. 0	804295	
05/26/99	TONS (M99-1182) CONTAMINATED SOIL	.00	22.90	22.90	17.00	389.30	TK	865999. 0	804295	
05/26/99	TONS (M99-1182) CONTAMINATED SOIL	.00	21.08	21.08	17.00	358.36	TK	866461. 0	804295	
05/26/99	TONS (M99-1182) CONTAMINATED SOIL	.00	20.54	20.54	17.00	349.18	TK	866465. 0	804295	
05/26/99	TONS (M99-1182) CONTAMINATED SOIL	.00	23.10	23.10	17.00	392.70	TK	866936. 0	804295	
05/26/99	TONS (M99-1182) CONTAMINATED SOIL	.00	25.31	25.31	17.00	430.27	TK	866938. 0	804295	
05/26/99	TONS (M99-1182) CONTAMINATED SOIL	.00	22.41	22.41	17.00	380.97	TK	867053. 0	804295	
05/26/99	TONS (M99-1182) CONTAMINATED SOIL	.00	19.97	19.97	17.00	339.49	TK	867054. 0	804295	
05/26/99	TONS (M99-1182) CONTAMINATED SOIL	.00	21.18	21.18	17.00	360.06	TK	867057. 0	804295	
05/26/99	TONS (M99-1182) CONTAMINATED SOIL	.00	26.07	26.07	17.00	443.19	TK	867788. 0	804295	
05/26/99	TONS (M99-1182) CONTAMINATED SOIL	.00	24.24	24.24	17.00	412.08	TK	867802. 0	804295	
05/26/99	TONS (M99-1182) CONTAMINATED SOIL	.00	19.54	19.54	17.00	332.18	TK	867806. 0	804295	
05/26/99	TONS (M99-1182) CONTAMINATED SOIL	.00	22.31	22.31	17.00	379.27	TK	867819. 0	804295	
05/26/99	TONS (M99-1182) CONTAMINATED SOIL	.00	21.96	21.96	17.00	373.32	TK	867821. 0	804295	
05/26/99	TONS (M99-1182) CONTAMINATED SOIL	.00	21.91	21.91	17.00	372.47	TK	867824. 0	804295	
05/26/99	TONS (M99-1182) CONTAMINATED SOIL	.00	21.85	21.85	17.00	371.45	TK	867826. 0	804295	
05/26/99	TONS (M99-1182) CONTAMINATED SOIL	.00	20.49	20.49	17.00	348.33	TK	867834. 0	804295	
05/26/99	TONS (M99-1182) CONTAMINATED SOIL	.00	22.58	22.58	17.00	383.86	TK	867835. 0	804295	
05/26/99	TONS (M99-1182) CONTAMINATED SOIL	.00	19.65	19.65	17.00	334.05	TK	867843. 0	804295	
05/26/99	TONS (M99-1182) CONTAMINATED SOIL	.00	21.44	21.44	17.00	364.48	TK	867844. 0	804295	
05/26/99	TONS (M99-1182) CONTAMINATED SOIL	.00	22.44	22.44	17.00	381.48	TK	867846. 0	804295	
05/26/99	TONS (M99-1182) CONTAMINATED SOIL	.00	28.55	28.55	17.00	485.35	TK	867860. 0	804295	
05/26/99	TONS (M99-1182) CONTAMINATED SOIL	.00	24.35	24.35	17.00	413.95	TK	867861. 0	804295	
05/26/99	TONS (M99-1182) CONTAMINATED SOIL	.00	20.92	20.92	17.00	355.64	TK	867863. 0	804295	
05/26/99	TONS (M99-1182) CONTAMINATED SOIL	.00	25.85	25.85	17.00	439.45	TK	867896. 0	804295	
05/26/99	TONS (M99-1182) CONTAMINATED SOIL	.00	29.54	29.54	17.00	502.18	TK	867897. 0	804295	
05/26/99	TONS (M99-1182) CONTAMINATED SOIL	.00	26.28	26.28	17.00	446.76	TK	867900. 0	804295	
05/26/99	TONS (M99-1182) CONTAMINATED SOIL	.00	22.35	22.35	17.00	379.95	TK	867903. 0	804295	
05/26/99	TONS (M99-1182) CONTAMINATED SOIL	.00	23.42	23.42	17.00	398.14	TK	867907. 0	804295	
05/26/99	TONS (M99-1182) CONTAMINATED SOIL	.00	27.31	27.31	17.00	464.27	TK	867908. 0	804295	
05/26/99	TONS (M99-1182) CONTAMINATED SOIL	.00	23.34	23.34	17.00	396.78	TK	867909. 0	804295	
05/26/99	TONS (M99-1182) CONTAMINATED SOIL	.00	26.86	26.86	17.00	456.62	TK	867916. 0	804295	
05/26/99	TONS (M99-1182) CONTAMINATED SOIL	.00	24.71	24.71	17.00	420.07	TK	867917. 0	804295	
05/26/99	TONS (M99-1182) CONTAMINATED SOIL	.00	24.61	24.61	17.00	418.37	TK	867918. 0	804295	
05/26/99	TONS (M99-1182) CONTAMINATED SOIL	.00	25.59	25.59	17.00	435.03	TK	867919. 0	804295	
05/26/99	TONS (M99-1182) CONTAMINATED SOIL	.00	25.23	25.23	17.00	428.91	TK	867920. 0	804295	
05/26/99	TONS (M99-1182) CONTAMINATED SOIL	.00	24.00	24.00	17.00	408.00	TK	868300. 0	804295	
05/26/99	TONS (M99-1182) CONTAMINATED SOIL	.00	22.29	22.29	17.00	378.93	TK	868378. 0	804294	
05/26/99	TONS (M99-1182) CONTAMINATED SOIL	.00	22.00	22.00	17.00	374.00	TK	868381. 0	804294	
05/26/99	TONS (M99-1182) CONTAMINATED SOIL	.00	24.12	24.12	17.00	410.04	TK	868387. 0	804295	
05/26/99	TONS (M99-1182) CONTAMINATED SOIL	.00	24.44	24.44	17.00	415.48	TK	868405. 0	804295	
05/27/99	TONS (M99-1182) CONTAMINATED SOIL	.00	27.00	27.00	17.00	459.00	TK	867772. 0	804295	
05/27/99	TONS (M99-1182) CONTAMINATED SOIL	.00	28.24	28.24	17.00	480.08	TK	867803. 0	804295	
05/27/99	TONS (M99-1182) CONTAMINATED SOIL	.00	24.88	24.88	17.00	422.96	TK	867836. 0	804295	
05/27/99	TONS (M99-1182) CONTAMINATED SOIL	.00	26.54	26.54	17.00	451.18	TK	868340. 0	804295	

Commercial Ticket Review by Customer - W/O TAX cont'd on next page

Customer Range From : 8155.000 To: 8155.999 Date Range From: 04/01/99 To: 08/31/99

8155.001 BP AMERICA 3425 HYDE PARK BLVD FORMER CARBORUNDUM SITE
Niagara Falls

Trans Date	Service Description	Trans.	Quantity	Tonnage	Rate	Total Charges		Ticket #	Invoice Number	Trans. Count
05/27/99	TONS (M99-1182) CONTAMINATED SOIL	.00	25.20	25.20	17.00	428.40	TK	868341. 0	804295	
05/27/99	TONS (M99-1182) CONTAMINATED SOIL	.00	19.64	19.64	17.00	333.88	TK	868342. 0	804295	
05/27/99	TONS (M99-1182) CONTAMINATED SOIL	.00	32.88	32.88	17.00	558.96	TK	868354. 0	804295	
05/27/99	TONS (M99-1182) CONTAMINATED SOIL	.00	26.22	26.22	17.00	445.74	TK	868452. 0	804295	
05/27/99	TONS (M99-1182) CONTAMINATED SOIL	.00	24.19	24.19	17.00	411.23	TK	868453. 0	804295	
05/27/99	TONS (M99-1182) CONTAMINATED SOIL	.00	24.01	24.01	17.00	408.17	TK	868454. 0	804295	
05/27/99	TONS (M99-1182) CONTAMINATED SOIL	.00	24.05	24.05	17.00	408.85	TK	868456. 0	804295	
05/27/99	TONS (M99-1182) CONTAMINATED SOIL	.00	31.93	31.93	17.00	542.81	TK	868458. 0	804295	
05/27/99	TONS (M99-1182) CONTAMINATED SOIL	.00	21.58	21.58	17.00	366.86	TK	868465. 0	804295	
05/27/99	TONS (M99-1182) CONTAMINATED SOIL	.00	21.46	21.46	17.00	364.82	TK	868469. 0	804295	
05/27/99	TONS (M99-1182) CONTAMINATED SOIL	.00	17.29	17.29	17.00	293.93	TK	868477. 0	804295	
05/27/99	TONS (M99-1182) CONTAMINATED SOIL	.00	18.63	18.63	17.00	316.71	TK	868480. 0	804295	
05/27/99	TONS (M99-1182) CONTAMINATED SOIL	.00	20.53	20.53	17.00	349.01	TK	868481. 0	804295	
05/27/99	TONS (M99-1182) CONTAMINATED SOIL	.00	19.26	19.26	17.00	327.42	TK	868483. 0	804295	
05/27/99	TONS (M99-1182) CONTAMINATED SOIL	.00	25.01	25.01	17.00	425.17	TK	868484. 0	804295	
05/27/99	TONS (M99-1182) CONTAMINATED SOIL	.00	22.09	22.09	17.00	375.53	TK	868505. 0	804295	
05/27/99	TONS (M99-1182) CONTAMINATED SOIL	.00	22.12	22.12	17.00	376.04	TK	868508. 0	804295	
05/27/99	TONS (M99-1182) CONTAMINATED SOIL	.00	25.01	25.01	17.00	425.17	TK	868509. 0	804295	
05/27/99	TONS (M99-1182) CONTAMINATED SOIL	.00	21.74	21.74	17.00	369.58	TK	868511. 0	804295	
05/27/99	TONS (M99-1182) CONTAMINATED SOIL	.00	23.25	23.25	17.00	395.25	TK	868512. 0	804295	
05/27/99	TONS (M99-1182) CONTAMINATED SOIL	.00	23.14	23.14	17.00	393.38	TK	868519. 0	804295	
05/27/99	TONS (M99-1182) CONTAMINATED SOIL	.00	27.94	27.94	17.00	474.98	TK	868520. 0	804295	
05/27/99	TONS (M99-1182) CONTAMINATED SOIL	.00	22.69	22.69	17.00	385.73	TK	868521. 0	804295	
05/27/99	TONS (M99-1182) CONTAMINATED SOIL	.00	25.57	25.57	17.00	434.69	TK	868525. 0	804295	
05/27/99	TONS (M99-1182) CONTAMINATED SOIL	.00	25.07	25.07	17.00	426.19	TK	868527. 0	804295	
05/27/99	TONS (M99-1182) CONTAMINATED SOIL	.00	27.12	27.12	17.00	461.04	TK	868532. 0	804295	
05/27/99	TONS (M99-1182) CONTAMINATED SOIL	.00	23.37	23.37	17.00	397.29	TK	868534. 0	804295	
05/27/99	TONS (M99-1182) CONTAMINATED SOIL	.00	21.42	21.42	17.00	364.14	TK	868535. 0	804295	
05/27/99	TONS (M99-1182) CONTAMINATED SOIL	.00	24.21	24.21	17.00	411.57	TK	868536. 0	804295	
05/27/99	TONS (M99-1182) CONTAMINATED SOIL	.00	21.95	21.95	17.00	373.15	TK	868537. 0	804295	
05/27/99	TONS (M99-1182) CONTAMINATED SOIL	.00	25.25	25.25	17.00	429.25	TK	868540. 0	804295	
05/27/99	TONS (M99-1182) CONTAMINATED SOIL	.00	22.45	22.45	17.00	381.65	TK	868542. 0	804295	
05/27/99	TONS (M99-1182) CONTAMINATED SOIL	.00	23.34	23.34	17.00	396.78	TK	868549. 0	804295	
05/27/99	TONS (M99-1182) CONTAMINATED SOIL	.00	26.80	26.80	17.00	455.60	TK	868550. 0	804295	
05/27/99	TONS (M99-1182) CONTAMINATED SOIL	.00	22.65	22.65	17.00	385.05	TK	868555. 0	804295	
05/27/99	TONS (M99-1182) CONTAMINATED SOIL	.00	22.23	22.23	17.00	377.91	TK	868557. 0	804295	
05/27/99	TONS (M99-1182) CONTAMINATED SOIL	.00	21.66	21.66	17.00	368.22	TK	868558. 0	804295	
05/27/99	TONS (M99-1182) CONTAMINATED SOIL	.00	22.43	22.43	17.00	381.31	TK	868559. 0	804295	
05/27/99	TONS (M99-1182) CONTAMINATED SOIL	.00	25.57	25.57	17.00	434.69	TK	868560. 0	804295	
05/27/99	TONS (M99-1182) CONTAMINATED SOIL	.00	22.61	22.61	17.00	384.37	TK	868562. 0	804295	
05/27/99	TONS (M99-1182) CONTAMINATED SOIL	.00	21.69	21.69	17.00	368.73	TK	870398. 0	804295	
05/27/99	TONS (M99-1182) CONTAMINATED SOIL	.00	23.73	23.73	17.00	403.41	TK	870445. 0	804295	
05/28/99	TONS (M99-1182) CONTAMINATED SOIL	.00	23.85	23.85	17.00	405.45	TK	845416. 0	804295	
05/28/99	TONS (M99-1182) CONTAMINATED SOIL	.00	25.63	25.63	17.00	435.71	TK	867733. 0	804295	
05/28/99	TONS (M99-1182) CONTAMINATED SOIL	.00	25.52	25.52	17.00	433.84	TK	867808. 0	804295	
05/28/99	TONS (M99-1182) CONTAMINATED SOIL	.00	26.91	26.91	17.00	457.47	TK	867827. 0	804295	
05/28/99	TONS (M99-1182) CONTAMINATED SOIL	.00	27.27	27.27	17.00	463.59	TK	867828. 0	804295	

Commercial Ticket Review by Customer - W/O TAX cont'd on next page

Commercial Ticket Review by Customer - W/O TAX (rpt027) for: Modern Disposal Services,

Customer Range from : 8155.000 To: 8155.999 Date Range from: 04/01/99 To: 08/31/99

8155.001 DP AMERICA 3425 HYDE PARK BLVD FORMER CARBORUNDUM SITE
Niagara Falls

Trans Date	Service Description	Trans.	Quantity	Tonnage	Rate	Total Charges		Ticket #	Invoice Number	Trans. Count
05/28/99	TONS (M99-1182) CONTAMINATED SOIL	.00	23.03	23.03	17.00	391.51	TK	868301. 0	804295	
05/28/99	TONS (M99-1182) CONTAMINATED SOIL	.00	25.85	25.85	17.00	439.45	TK	868504. 0	804295	
05/28/99	TONS (M99-1182) CONTAMINATED SOIL	.00	25.17	25.17	17.00	427.89	TK	868514. 0	804295	
05/28/99	TONS (M99-1182) CONTAMINATED SOIL	.00	24.47	24.47	17.00	415.99	TK	868517. 0	804295	
05/28/99	TONS (M99-1182) CONTAMINATED SOIL	.00	23.93	23.93	17.00	406.81	TK	868561. 0	804295	
05/28/99	TONS (M99-1182) CONTAMINATED SOIL	.00	25.07	25.07	17.00	426.19	TK	870884. 0	804295	
05/28/99	TONS (M99-1182) CONTAMINATED SOIL	.00	22.63	22.63	17.00	384.71	TK	870886. 0	804295	
05/28/99	TONS (M99-1182) CONTAMINATED SOIL	.00	21.00	21.00	17.00	357.00	TK	870887. 0	804295	
05/28/99	TONS (M99-1182) CONTAMINATED SOIL	.00	24.45	24.45	17.00	415.65	TK	870888. 0	804295	
05/28/99	TONS (M99-1182) CONTAMINATED SOIL	.00	24.61	24.61	17.00	418.37	TK	870890. 0	804295	
05/28/99	TONS (M99-1182) CONTAMINATED SOIL	.00	23.93	23.93	17.00	406.81	TK	870892. 0	804295	
05/28/99	TONS (M99-1182) CONTAMINATED SOIL	.00	24.98	24.98	17.00	424.66	TK	870898. 0	804295	
05/28/99	TONS (M99-1182) CONTAMINATED SOIL	.00	25.57	25.57	17.00	434.69	TK	870900. 0	804295	
05/28/99	TONS (M99-1182) CONTAMINATED SOIL	.00	24.01	24.01	17.00	408.17	TK	870901. 0	804295	
05/28/99	TONS (M99-1182) CONTAMINATED SOIL	.00	.00	.00	17.00	.00	TK	870902. 0	828001	
05/28/99	TONS (M99-1182) CONTAMINATED SOIL	.00	23.46	23.46	17.00	398.82	TK	870907. 0	804295	
05/28/99	TONS (M99-1182) CONTAMINATED SOIL	.00	29.09	29.09	17.00	494.53	TK	870909. 0	804295	
05/28/99	TONS (M99-1182) CONTAMINATED SOIL	.00	24.77	24.77	17.00	421.09	TK	870911. 0	804295	
05/28/99	TONS (M99-1182) CONTAMINATED SOIL	.00	24.74	24.74	17.00	420.58	TK	870912. 0	804295	
05/28/99	TONS (M99-1182) CONTAMINATED SOIL	.00	24.50	24.50	17.00	416.50	TK	870913. 0	804295	
05/28/99	TONS (M99-1182) CONTAMINATED SOIL	.00	22.82	22.82	17.00	387.94	TK	870914. 0	804295	
05/28/99	TONS (M99-1182) CONTAMINATED SOIL	.00	26.34	26.34	17.00	447.78	TK	870915. 0	804295	
05/28/99	TONS (M99-1182) CONTAMINATED SOIL	.00	19.34	19.34	17.00	328.78	TK	870916. 0	804295	
05/28/99	TONS (M99-1182) CONTAMINATED SOIL	.00	19.24	19.24	17.00	327.08	TK	870918. 0	804295	
05/28/99	TONS (M99-1182) CONTAMINATED SOIL	.00	19.77	19.77	17.00	336.09	TK	870920. 0	804295	
05/28/99	TONS (M99-1182) CONTAMINATED SOIL	.00	20.36	20.36	17.00	346.12	TK	870921. 0	804295	
05/28/99	TONS (M99-1182) CONTAMINATED SOIL	.00	23.22	23.22	17.00	394.74	TK	870923. 0	804295	
05/28/99	TONS (M99-1182) CONTAMINATED SOIL	.00	17.64	17.64	17.00	299.88	TK	870924. 0	804295	
05/28/99	TONS (M99-1182) CONTAMINATED SOIL	.00	27.33	27.33	17.00	464.61	TK	870927. 0	804295	
05/28/99	TONS (M99-1182) CONTAMINATED SOIL	.00	24.36	24.36	17.00	414.12	TK	870928. 0	804295	
05/28/99	TONS (M99-1182) CONTAMINATED SOIL	.00	19.46	19.46	17.00	330.82	TK	870929. 0	804295	
05/28/99	TONS (M99-1182) CONTAMINATED SOIL	.00	25.27	25.27	17.00	429.59	TK	870931. 0	804294	
05/28/99	TONS (M99-1182) CONTAMINATED SOIL	.00	24.23	24.23	17.00	411.91	TK	870932. 0	804295	
05/28/99	TONS (M99-1182) CONTAMINATED SOIL	.00	25.58	25.58	17.00	434.86	TK	870934. 0	804295	
05/28/99	TONS (M99-1182) CONTAMINATED SOIL	.00	25.45	25.45	17.00	432.65	TK	870936. 0	804295	
05/28/99	TONS (M99-1182) CONTAMINATED SOIL	.00	25.17	25.17	17.00	427.89	TK	870940. 0	804295	
05/28/99	TONS (M99-1182) CONTAMINATED SOIL	.00	22.31	22.31	17.00	379.27	TK	870941. 0	804295	
05/28/99	TONS (M99-1182) CONTAMINATED SOIL	.00	22.18	22.18	17.00	377.06	TK	870943. 0	804295	
05/28/99	TONS (M99-1182) CONTAMINATED SOIL	.00	26.49	26.49	17.00	450.33	TK	870948. 0	804295	
05/28/99	TONS (M99-1182) CONTAMINATED SOIL	.00	23.46	23.46	17.00	398.82	TK	870951. 0	804295	
05/28/99	TONS (M99-1182) CONTAMINATED SOIL	.00	24.73	24.73	17.00	420.41	TK	870952. 0	804295	
05/28/99	TONS (M99-1182) CONTAMINATED SOIL	.00	25.23	25.23	17.00	428.91	TK	870953. 0	804295	
05/28/99	TONS (M99-1182) CONTAMINATED SOIL	.00	24.11	24.11	17.00	409.87	TK	870954. 0	804295	
05/28/99	TONS (M99-1182) CONTAMINATED SOIL	.00	24.17	24.17	17.00	410.89	TK	870955. 0	804295	
05/28/99	TONS (M99-1182) CONTAMINATED SOIL	.00	25.58	25.58	17.00	434.86	TK	870970. 0	804295	
05/28/99	TONS (M99-1182) CONTAMINATED SOIL	.00	26.25	26.25	17.00	446.25	TK	870994. 0	804295	
05/28/99	TONS (M99-1182) CONTAMINATED SOIL	.00	26.46	26.46	17.00	449.82	TK	871000. 0	804295	

Commercial Ticket Review by Customer - W/O TAX cont'd on next page

Customer Range From : 8155.000 To: 8155.999 Date Range from: 04/01/99 To: 08/31/99

8155.001 BP AMERICA 3425 HYDE PARK BLVD FORMER CARBORUNDUM SITE
Niagara Falls

Trans Date	Service Description	Trans.	Quantity	Tonnage	Rate	Total Charges		Ticket #	Invoice Number	Trans. Count
05/28/99	TONS (M99-1182) CONTAMINATED SOIL	.00	25.34	25.34	17.00	430.78	TK	871001. 0	804295	
05/28/99	TONS (M99-1182) CONTAMINATED SOIL	.00	24.63	24.63	17.00	418.71	TK	871003. 0	804295	
05/28/99	TONS (M99-1182) CONTAMINATED SOIL	.00	25.54	25.54	17.00	434.18	TK	871004. 0	804295	
05/28/99	TONS (M99-1182) CONTAMINATED SOIL	.00	20.66	20.66	17.00	351.22	TK	871005. 0	804295	
05/28/99	TONS (M99-1182) CONTAMINATED SOIL	.00	26.73	26.73	17.00	454.41	TK	871007. 0	804295	
06/01/99	TONS (M99-1182) CONTAMINATED SOIL	.00	24.29	24.29	17.00	412.93	TK	871008. 0	804295	
06/01/99	TONS (M99-1182) CONTAMINATED SOIL	.00	25.07	25.07	17.00	426.19	TK	866543. 0	804294	
06/01/99	TONS (M99-1182) CONTAMINATED SOIL	.00	23.00	23.00	17.00	391.00	TK	868352. 0	804295	
06/01/99	TONS (M99-1182) CONTAMINATED SOIL	.00	24.06	24.06	17.00	409.02	TK	868353. 0	804295	
06/01/99	TONS (M99-1182) CONTAMINATED SOIL	.00	23.66	23.66	17.00	402.22	TK	868357. 0	804295	
06/01/99	TONS (M99-1182) CONTAMINATED SOIL	.00	22.66	22.66	17.00	385.22	TK	868358. 0	804295	
06/01/99	TONS (M99-1182) CONTAMINATED SOIL	.00	22.18	22.18	17.00	377.06	TK	868359. 0	804295	
06/01/99	TONS (M99-1182) CONTAMINATED SOIL	.00	24.33	24.33	17.00	413.61	TK	868361. 0	804295	
06/01/99	TONS (M99-1182) CONTAMINATED SOIL	.00	21.10	21.10	17.00	358.70	TK	868367. 0	804295	
06/01/99	TONS (M99-1182) CONTAMINATED SOIL	.00	22.62	22.62	17.00	384.54	TK	868369. 0	804295	
06/01/99	TONS (M99-1182) CONTAMINATED SOIL	.00	25.55	25.55	17.00	434.35	TK	868430. 0	804295	
06/01/99	TONS (M99-1182) CONTAMINATED SOIL	.00	24.86	24.86	17.00	422.62	TK	868432. 0	804295	
06/01/99	TONS (M99-1182) CONTAMINATED SOIL	.00	22.88	22.88	17.00	388.96	TK	868433. 0	804295	
06/01/99	TONS (M99-1182) CONTAMINATED SOIL	.00	22.98	22.98	17.00	390.66	TK	868435. 0	804295	
06/01/99	TONS (M99-1182) CONTAMINATED SOIL	.00	21.95	21.95	17.00	373.15	TK	868439. 0	804295	
06/01/99	TONS (M99-1182) CONTAMINATED SOIL	.00	28.39	28.39	17.00	482.63	TK	868444. 0	804295	
06/01/99	TONS (M99-1182) CONTAMINATED SOIL	.00	27.42	27.42	17.00	466.14	TK	868446. 0	804295	
06/01/99	TONS (M99-1182) CONTAMINATED SOIL	.00	24.53	24.53	17.00	417.01	TK	868447. 0	804295	
06/01/99	TONS (M99-1182) CONTAMINATED SOIL	.00	27.93	27.93	17.00	474.81	TK	868449. 0	804295	
06/01/99	TONS (M99-1182) CONTAMINATED SOIL	.00	23.80	23.80	17.00	404.60	TK	868486. 0	804295	
06/01/99	TONS (M99-1182) CONTAMINATED SOIL	.00	23.55	23.55	17.00	400.35	TK	868488. 0	804295	
06/01/99	TONS (M99-1182) CONTAMINATED SOIL	.00	22.97	22.97	17.00	390.49	TK	868544. 0	804295	
06/01/99	TONS (M99-1182) CONTAMINATED SOIL	.00	22.92	22.92	17.00	389.64	TK	870875. 0	804295	
06/01/99	TONS (M99-1182) CONTAMINATED SOIL	.00	23.15	23.15	17.00	393.55	TK	870876. 0	804295	
06/01/99	TONS (M99-1182) CONTAMINATED SOIL	.00	23.35	23.35	17.00	396.95	TK	870878. 0	804295	
06/01/99	TONS (M99-1182) CONTAMINATED SOIL	.00	23.04	23.04	17.00	391.68	TK	870879. 0	804295	
06/01/99	TONS (M99-1182) CONTAMINATED SOIL	.00	23.08	23.08	17.00	392.36	TK	870881. 0	804295	
06/01/99	TONS (M99-1182) CONTAMINATED SOIL	.00	22.60	22.60	17.00	384.20	TK	870882. 0	804295	
06/01/99	TONS (M99-1182) CONTAMINATED SOIL	.00	21.61	21.61	17.00	367.37	TK	870995. 0	804295	
06/01/99	TONS (M99-1182) CONTAMINATED SOIL	.00	25.15	25.15	17.00	427.55	TK	870996. 0	804295	
06/01/99	TONS (M99-1182) CONTAMINATED SOIL	.00	27.24	27.24	17.00	463.08	TK	870997. 0	804295	
06/01/99	TONS (M99-1182) CONTAMINATED SOIL	.00	21.89	21.89	17.00	372.13	TK	870998. 0	804295	
06/01/99	TONS (M99-1182) CONTAMINATED SOIL	.00	26.50	26.50	17.00	450.50	TK	871006. 0	804295	
06/01/99	TONS (M99-1182) CONTAMINATED SOIL	.00	25.12	25.12	17.00	427.04	TK	871599. 0	804295	
06/01/99	TONS (M99-1182) CONTAMINATED SOIL	.00	23.07	23.07	17.00	392.19	TK	871602. 0	804295	
06/01/99	TONS (M99-1182) CONTAMINATED SOIL	.00	26.07	26.07	17.00	443.19	TK	871604. 0	804295	
06/01/99	TONS (M99-1182) CONTAMINATED SOIL	.00	23.98	23.98	17.00	407.66	TK	871607. 0	804295	
06/01/99	TONS (M99-1182) CONTAMINATED SOIL	.00	20.04	20.04	17.00	340.68	TK	871624. 0	804295	
06/01/99	TONS (M99-1182) CONTAMINATED SOIL	.00	27.58	27.58	17.00	468.86	TK	871627. 0	804295	
06/01/99	TONS (M99-1182) CONTAMINATED SOIL	.00	18.19	18.19	17.00	309.23	TK	871630. 0	804295	
06/01/99	TONS (M99-1182) CONTAMINATED SOIL	.00	24.88	24.88	17.00	422.96	TK	871631. 0	804295	
06/01/99	TONS (M99-1182) CONTAMINATED SOIL	.00	20.87	20.87	17.00	354.79	TK	871633. 0	804295	

Commercial Ticket Review by Customer - W/O TAX cont'd on next page

Commercial Ticket Review by Customer - W/O TAX (rptL027) for: Modern Disposal Services,

Customer Range From : 8155.000 To: 8155.999 Date Range From: 04/01/99 To: 08/31/99

8155.001 DP AMERICA 3425 HYDE PARK BLVD FORMER CARBORUNDUM SITE
Niagara Falls

Trans Date	Service Description	Trans.	Quantity	Tonnage	Rate	Total Charges	Ticket #	Invoice Number	Trans. Count
06/01/99	TONS (M99-1182) CONTAMINATED SOIL	.00	21.45	21.45	17.00	364.65	TK 871634. 0	804295	
06/01/99	TONS (M99-1182) CONTAMINATED SOIL	.00	23.84	23.84	17.00	405.28	TK 871636. 0	804295	
06/01/99	TONS (M99-1182) CONTAMINATED SOIL	.00	24.68	24.68	17.00	419.56	TK 871638. 0	804295	
06/01/99	TONS (M99-1182) CONTAMINATED SOIL	.00	19.84	19.84	17.00	337.28	TK 871639. 0	804295	
06/01/99	TONS (M99-1182) CONTAMINATED SOIL	.00	24.30	24.30	17.00	413.10	TK 871641. 0	804295	
06/01/99	TONS (M99-1182) CONTAMINATED SOIL	.00	20.99	20.99	17.00	356.83	TK 871643. 0	804295	
06/01/99	TONS (M99-1182) CONTAMINATED SOIL	.00	18.95	18.95	17.00	322.15	TK 871645. 0	804295	
06/01/99	TONS (M99-1182) CONTAMINATED SOIL	.00	18.77	18.77	17.00	319.09	TK 871647. 0	804295	
06/01/99	TONS (M99-1182) CONTAMINATED SOIL	.00	22.24	22.24	17.00	378.08	TK 871648. 0	804295	
06/01/99	TONS (M99-1182) CONTAMINATED SOIL	.00	21.96	21.96	17.00	373.32	TK 871668. 0	804295	
06/01/99	TONS (M99-1182) CONTAMINATED SOIL	.00	23.10	23.10	17.00	392.70	TK 871670. 0	804295	
06/01/99	TONS (M99-1182) CONTAMINATED SOIL	.00	23.34	23.34	17.00	396.78	TK 871671. 0	804295	
06/01/99	TONS (M99-1182) CONTAMINATED SOIL	.00	25.07	25.07	17.00	426.19	TK 871674. 0	804295	
06/01/99	TONS (M99-1182) CONTAMINATED SOIL	.00	23.49	23.49	17.00	399.33	TK 871675. 0	804295	
06/01/99	TONS (M99-1182) CONTAMINATED SOIL	.00	22.92	22.92	17.00	389.64	TK 871676. 0	804295	
06/01/99	TONS (M99-1182) CONTAMINATED SOIL	.00	24.53	24.53	17.00	417.01	TK 872353. 0	804295	
06/01/99	TONS (M99-1182) CONTAMINATED SOIL	.00	23.97	23.97	17.00	407.49	TK 872358. 0	804295	
06/01/99	TONS (M99-1182) CONTAMINATED SOIL	.00	19.11	19.11	17.00	324.87	TK 872360. 0	804295	
06/01/99	TONS (M99-1182) CONTAMINATED SOIL	.00	24.13	24.13	17.00	410.21	TK 872374. 0	804294	
06/01/99	TONS (M99-1182) CONTAMINATED SOIL	.00	22.34	22.34	17.00	379.78	TK 872556. 0	804295	
06/01/99	TONS (M99-1182) CONTAMINATED SOIL	.00	24.06	24.06	17.00	409.02	TK 872557. 0	804295	
06/01/99	TONS (M99-1182) CONTAMINATED SOIL	.00	21.14	21.14	17.00	359.38	TK 872560. 0	804295	
06/01/99	TONS (M99-1182) CONTAMINATED SOIL	.00	22.16	22.16	17.00	376.72	TK 872561. 0	804295	
06/01/99	TONS (M99-1182) CONTAMINATED SOIL	.00	21.47	21.47	17.00	364.99	TK 872562. 0	804295	
06/02/99	TONS (M99-1182) CONTAMINATED SOIL	.00	23.06	23.06	17.00	392.02	TK 872668. 0	804295	
06/02/99	TONS (M99-1182) CONTAMINATED SOIL	.00	21.37	21.37	17.00	363.29	TK 868355. 0	804295	
06/02/99	TONS (M99-1182) CONTAMINATED SOIL	.00	20.91	20.91	17.00	355.47	TK 868440. 0	804295	
06/02/99	TONS (M99-1182) CONTAMINATED SOIL	.00	19.83	19.83	17.00	337.11	TK 868441. 0	804295	
06/02/99	TONS (M99-1182) CONTAMINATED SOIL	.00	19.20	19.20	17.00	326.40	TK 868490. 0	804295	
06/02/99	TONS (M99-1182) CONTAMINATED SOIL	.00	.00	.00	17.00	.00	TK 870908. 0	828001	
06/02/99	TONS (M99-1182) CONTAMINATED SOIL	.00	23.11	23.11	17.00	392.87	TK 870946. 0	804295	
06/02/99	TONS (M99-1182) CONTAMINATED SOIL	.00	24.84	24.84	17.00	422.28	TK 870947. 0	804295	
06/02/99	TONS (M99-1182) CONTAMINATED SOIL	.00	22.64	22.64	17.00	384.88	TK 872669. 0	804294	
06/02/99	TONS (M99-1182) CONTAMINATED SOIL	.00	19.03	19.03	17.00	323.51	TK 872688. 0	804295	
06/02/99	TONS (M99-1182) CONTAMINATED SOIL	.00	21.62	21.62	17.00	367.54	TK 872691. 0	804295	
06/02/99	TONS (M99-1182) CONTAMINATED SOIL	.00	18.99	18.99	17.00	322.83	TK 872703. 0	804295	
06/02/99	TONS (M99-1182) CONTAMINATED SOIL	.00	18.61	18.61	17.00	316.37	TK 872704. 0	804295	
06/02/99	TONS (M99-1182) CONTAMINATED SOIL	.00	19.45	19.45	17.00	330.65	TK 872705. 0	804295	
06/02/99	TONS (M99-1182) CONTAMINATED SOIL	.00	20.74	20.74	17.00	352.58	TK 872707. 0	804295	
06/02/99	TONS (M99-1182) CONTAMINATED SOIL	.00	18.16	18.16	17.00	308.72	TK 872742. 0	804295	
06/02/99	TONS (M99-1182) CONTAMINATED SOIL	.00	21.64	21.64	17.00	367.88	TK 872745. 0	804295	
06/02/99	TONS (M99-1182) CONTAMINATED SOIL	.00	23.63	23.63	17.00	401.71	TK 872747. 0	804295	
06/02/99	TONS (M99-1182) CONTAMINATED SOIL	.00	23.24	23.24	17.00	395.08	TK 872749. 0	804295	
06/02/99	TONS (M99-1182) CONTAMINATED SOIL	.00	20.83	20.83	17.00	354.11	TK 872752. 0	804295	
06/02/99	TONS (M99-1182) CONTAMINATED SOIL	.00	19.61	19.61	17.00	333.37	TK 872753. 0	804295	
06/02/99	TONS (M99-1182) CONTAMINATED SOIL	.00	20.88	20.88	17.00	354.96	TK 872754. 0	804295	
06/02/99	TONS (M99-1182) CONTAMINATED SOIL	.00	19.18	19.18	17.00	326.06	TK 872755. 0	804295	

Commercial Ticket Review by Customer - W/O TAX cont'd on next page

Customer Range From : 8155.000 To: 8155.999 Date Range From: 04/01/99 To: 08/31/99

8155.001 BP AMERICA 3425 HYDE PARK BLVD FORMER CARBORUNDUM SITE
Niagara Falls

Trans Date	Service Description	Trans.	Quantity	Tonnage	Rate	Total Charges		Ticket #	Invoice Number	Trans. Count
06/02/99	TONS (M99-1182) CONTAMINATED SOIL	.00	22.50	22.50	17.00	382.50	TK	872757. 0	804295	
06/02/99	TONS (M99-1182) CONTAMINATED SOIL	.00	20.02	20.02	17.00	340.34	TK	872759. 0	804295	
06/02/99	TONS (M99-1182) CONTAMINATED SOIL	.00	19.90	19.90	17.00	338.30	TK	872766. 0	804295	
06/02/99	TONS (M99-1182) CONTAMINATED SOIL	.00	21.65	21.65	17.00	368.05	TK	872792. 0	804295	
06/02/99	TONS (M99-1182) CONTAMINATED SOIL	.00	24.64	24.64	17.00	418.88	TK	872793. 0	804295	
06/02/99	TONS (M99-1182) CONTAMINATED SOIL	.00	23.50	23.50	17.00	399.50	TK	872797. 0	804295	
06/02/99	TONS (M99-1182) CONTAMINATED SOIL	.00	21.33	21.33	17.00	362.61	TK	872799. 0	804295	
06/02/99	TONS (M99-1182) CONTAMINATED SOIL	.00	23.18	23.18	17.00	394.06	TK	872800. 0	804295	
06/02/99	TONS (M99-1182) CONTAMINATED SOIL	.00	23.32	23.32	17.00	396.44	TK	872801. 0	804295	
06/02/99	TONS (M99-1182) CONTAMINATED SOIL	.00	20.93	20.93	17.00	355.81	TK	872806. 0	804295	
06/02/99	TONS (M99-1182) CONTAMINATED SOIL	.00	23.67	23.67	17.00	402.39	TK	872808. 0	804295	
06/02/99	TONS (M99-1182) CONTAMINATED SOIL	.00	23.42	23.42	17.00	398.14	TK	872809. 0	804295	
06/02/99	TONS (M99-1182) CONTAMINATED SOIL	.00	25.81	25.81	17.00	438.77	TK	872810. 0	804295	
06/02/99	TONS (M99-1182) CONTAMINATED SOIL	.00	22.98	22.98	17.00	390.66	TK	872811. 0	804295	
06/02/99	TONS (M99-1182) CONTAMINATED SOIL	.00	20.40	20.40	17.00	346.80	TK	872821. 0	804295	
06/02/99	TONS (M99-1182) CONTAMINATED SOIL	.00	24.60	24.60	17.00	418.20	TK	872822. 0	804295	
06/02/99	TONS (M99-1182) CONTAMINATED SOIL	.00	26.26	26.26	17.00	446.42	TK	872823. 0	804295	
06/02/99	TONS (M99-1182) CONTAMINATED SOIL	.00	27.38	27.38	17.00	465.46	TK	872826. 0	804295	
06/02/99	TONS (M99-1182) CONTAMINATED SOIL	.00	.00	.00	17.00	.00	TK	872828. 0	828001	
06/02/99	TONS (M99-1182) CONTAMINATED SOIL	.00	21.39	21.39	17.00	363.63	TK	872875. 0	804295	
06/02/99	TONS (M99-1182) CONTAMINATED SOIL	.00	22.61	22.61	17.00	384.37	TK	872983. 0	804295	
06/02/99	TONS (M99-1182) CONTAMINATED SOIL	.00	22.49	22.49	17.00	382.33	TK	872987. 0	804295	
06/02/99	TONS (M99-1182) CONTAMINATED SOIL	.00	29.42	29.42	17.00	500.14	TK	872989. 0	804295	
06/02/99	TONS (M99-1182) CONTAMINATED SOIL	.00	23.74	23.74	17.00	403.58	TK	873001. 0	804295	
06/03/99	TONS (M99-1182) CONTAMINATED SOIL	.00	25.31	25.31	17.00	430.27	TK	873007. 0	804295	
06/03/99	TONS (M99-1182) CONTAMINATED SOIL	.00	23.82	23.82	17.00	404.94	TK	871349. 0	804295	
06/03/99	TONS (M99-1182) CONTAMINATED SOIL	.00	23.70	23.70	17.00	402.90	TK	872555. 0	804295	
06/03/99	TONS (M99-1182) CONTAMINATED SOIL	.00	23.71	23.71	17.00	403.07	TK	872693. 0	804295	
06/03/99	TONS (M99-1182) CONTAMINATED SOIL	.00	22.14	22.14	17.00	376.38	TK	872694. 0	804295	
06/03/99	TONS (M99-1182) CONTAMINATED SOIL	.00	22.89	22.89	17.00	389.13	TK	872697. 0	804295	
06/03/99	TONS (M99-1182) CONTAMINATED SOIL	.00	24.65	24.65	17.00	419.05	TK	872702. 0	804295	
06/03/99	TONS (M99-1182) CONTAMINATED SOIL	.00	23.25	23.25	17.00	395.25	TK	872712. 0	804295	
06/03/99	TONS (M99-1182) CONTAMINATED SOIL	.00	19.99	19.99	17.00	339.83	TK	872714. 0	804295	
06/03/99	TONS (M99-1182) CONTAMINATED SOIL	.00	18.02	18.02	17.00	306.34	TK	872715. 0	804295	
06/03/99	TONS (M99-1182) CONTAMINATED SOIL	.00	23.32	23.32	17.00	396.44	TK	872750. 0	804295	
06/03/99	TONS (M99-1182) CONTAMINATED SOIL	.00	28.33	28.33	17.00	481.61	TK	872802. 0	804295	
06/03/99	TONS (M99-1182) CONTAMINATED SOIL	.00	20.92	20.92	17.00	355.64	TK	872804. 0	804295	
06/03/99	TONS (M99-1182) CONTAMINATED SOIL	.00	19.32	19.32	17.00	328.44	TK	872814. 0	804295	
06/03/99	TONS (M99-1182) CONTAMINATED SOIL	.00	22.88	22.88	17.00	388.96	TK	872825. 0	804295	
06/03/99	TONS (M99-1182) CONTAMINATED SOIL	.00	24.68	24.68	17.00	419.56	TK	872998. 0	804295	
06/03/99	TONS (M99-1182) CONTAMINATED SOIL	.00	24.75	24.75	17.00	420.75	TK	873317. 0	804295	
06/03/99	TONS (M99-1182) CONTAMINATED SOIL	.00	25.06	25.06	17.00	426.02	TK	873318. 0	804295	
06/03/99	TONS (M99-1182) CONTAMINATED SOIL	.00	25.97	25.97	17.00	441.49	TK	873319. 0	804295	
06/03/99	TONS (M99-1182) CONTAMINATED SOIL	.00	23.37	23.37	17.00	397.29	TK	873320. 0	804295	
06/03/99	TONS (M99-1182) CONTAMINATED SOIL	.00	25.09	25.09	17.00	426.53	TK	873333. 0	804295	
06/03/99	TONS (M99-1182) CONTAMINATED SOIL	.00	22.94	22.94	17.00	389.98	TK	873334. 0	804295	
06/03/99	TONS (M99-1182) CONTAMINATED SOIL	.00	25.42	25.42	17.00	432.14	TK	873340. 0	804295	

Commercial Ticket Review by Customer - W/O TAX cont'd on next page

Commercial Ticket Review by Customer - W/O TAX (rpt027) for: Modern Disposal Services,

Customer Range From : 8155.000 To: 8155.999 Date Range From: 04/01/99 To: 08/31/99

8155.001 DP AMERICA 3425 HYDE PARK BLVD FORMER CARBORUNDUM SITE
Niagara Falls

Trans Date	Service Description	Trans.	Quantity	Tonnage	Rate	Total Charges		Ticket #	Invoice Number	Trans. Count
06/03/99	TONS (M99-1182) CONTAMINATED SOIL	.00	24.45	24.45	17.00	415.65	TK	873369. 0	804295	
06/03/99	TONS (M99-1182) CONTAMINATED SOIL	.00	26.39	26.39	17.00	448.63	TK	873373. 0	804295	
06/03/99	TONS (M99-1182) CONTAMINATED SOIL	.00	23.32	23.32	17.00	396.44	TK	873374. 0	804295	
06/03/99	TONS (M99-1182) CONTAMINATED SOIL	.00	24.81	24.81	17.00	421.77	TK	873378. 0	804295	
06/03/99	TONS (M99-1182) CONTAMINATED SOIL	.00	19.39	19.39	17.00	329.63	TK	873380. 0	804295	
06/03/99	TONS (M99-1182) CONTAMINATED SOIL	.00	18.90	18.90	17.00	321.30	TK	873383. 0	804295	
06/03/99	TONS (M99-1182) CONTAMINATED SOIL	.00	18.67	18.67	17.00	317.39	TK	873385. 0	804295	
06/03/99	TONS (M99-1182) CONTAMINATED SOIL	.00	25.21	25.21	17.00	428.57	TK	873387. 0	804295	
06/03/99	TONS (M99-1182) CONTAMINATED SOIL	.00	24.06	24.06	17.00	409.02	TK	873389. 0	804295	
06/03/99	TONS (M99-1182) CONTAMINATED SOIL	.00	24.47	24.47	17.00	415.99	TK	873390. 0	804295	
06/03/99	TONS (M99-1182) CONTAMINATED SOIL	.00	23.05	23.05	17.00	391.85	TK	873391. 0	804295	
06/03/99	TONS (M99-1182) CONTAMINATED SOIL	.00	23.60	23.60	17.00	401.20	TK	873392. 0	804295	
06/03/99	TONS (M99-1182) CONTAMINATED SOIL	.00	29.13	29.13	17.00	495.21	TK	873393. 0	804295	
06/03/99	TONS (M99-1182) CONTAMINATED SOIL	.00	26.87	26.87	17.00	456.79	TK	873394. 0	804295	
06/03/99	TONS (M99-1182) CONTAMINATED SOIL	.00	20.27	20.27	17.00	344.59	TK	873396. 0	804295	
06/03/99	TONS (M99-1182) CONTAMINATED SOIL	.00	22.42	22.42	17.00	381.14	TK	873397. 0	804295	
06/03/99	TONS (M99-1182) CONTAMINATED SOIL	.00	23.25	23.25	17.00	395.25	TK	873398. 0	804295	
06/03/99	TONS (M99-1182) CONTAMINATED SOIL	.00	18.96	18.96	17.00	322.32	TK	873400. 0	804295	
06/03/99	TONS (M99-1182) CONTAMINATED SOIL	.00	24.41	24.41	17.00	414.97	TK	873402. 0	804295	
06/03/99	TONS (M99-1182) CONTAMINATED SOIL	.00	20.09	20.09	17.00	341.53	TK	873403. 0	804295	
06/03/99	TONS (M99-1182) CONTAMINATED SOIL	.00	23.07	23.07	17.00	392.19	TK	873405. 0	804295	
06/03/99	TONS (M99-1182) CONTAMINATED SOIL	.00	24.68	24.68	17.00	419.56	TK	873406. 0	804295	
06/03/99	TONS (M99-1182) CONTAMINATED SOIL	.00	19.18	19.18	17.00	326.06	TK	873409. 0	804295	
06/03/99	TONS (M99-1182) CONTAMINATED SOIL	.00	22.67	22.67	17.00	385.39	TK	874013. 0	804295	
06/03/99	TONS (M99-1182) CONTAMINATED SOIL	.00	22.48	22.48	17.00	382.16	TK	874015. 0	804295	
06/03/99	TONS (M99-1182) CONTAMINATED SOIL	.00	25.63	25.63	17.00	435.71	TK	874038. 0	804295	
06/04/99	TONS (M99-1182) CONTAMINATED SOIL	.00	25.28	25.28	17.00	429.76	TK	872758. 0	804295	
06/04/99	TONS (M99-1182) CONTAMINATED SOIL	.00	27.37	27.37	17.00	465.29	TK	872760. 0	804295	
06/04/99	TONS (M99-1182) CONTAMINATED SOIL	.00	29.16	29.16	17.00	495.72	TK	872765. 0	804295	
06/04/99	TONS (M99-1182) CONTAMINATED SOIL	.00	24.89	24.89	17.00	423.13	TK	872795. 0	804295	
06/04/99	TONS (M99-1182) CONTAMINATED SOIL	.00	19.90	19.90	17.00	338.30	TK	872876. 0	804295	
06/04/99	TONS (M99-1182) CONTAMINATED SOIL	.00	25.00	25.00	17.00	425.00	TK	873802. 0	804295	
06/04/99	TONS (M99-1182) CONTAMINATED SOIL	.00	22.79	22.79	17.00	387.43	TK	873804. 0	804295	
06/04/99	TONS (M99-1182) CONTAMINATED SOIL	.00	25.38	25.38	17.00	431.46	TK	873805. 0	804295	
06/04/99	TONS (M99-1182) CONTAMINATED SOIL	.00	24.50	24.50	17.00	416.50	TK	873808. 0	804295	
06/04/99	TONS (M99-1182) CONTAMINATED SOIL	.00	23.98	23.98	17.00	407.66	TK	873811. 0	804295	
06/04/99	TONS (M99-1182) CONTAMINATED SOIL	.00	27.34	27.34	17.00	464.78	TK	873812. 0	804295	
06/04/99	TONS (M99-1182) CONTAMINATED SOIL	.00	26.33	26.33	17.00	447.61	TK	873813. 0	804295	
06/04/99	TONS (M99-1182) CONTAMINATED SOIL	.00	24.16	24.16	17.00	410.72	TK	873815. 0	804295	
06/04/99	TONS (M99-1182) CONTAMINATED SOIL	.00	25.56	25.56	17.00	434.52	TK	873816. 0	804295	
06/04/99	TONS (M99-1182) CONTAMINATED SOIL	.00	24.65	24.65	17.00	419.05	TK	873818. 0	804295	
06/04/99	TONS (M99-1182) CONTAMINATED SOIL	.00	23.98	23.98	17.00	407.66	TK	873819. 0	804295	
06/04/99	TONS (M99-1182) CONTAMINATED SOIL	.00	24.35	24.35	17.00	413.95	TK	873820. 0	804295	
06/04/99	TONS (M99-1182) CONTAMINATED SOIL	.00	21.11	21.11	17.00	358.87	TK	873822. 0	804295	
06/04/99	TONS (M99-1182) CONTAMINATED SOIL	.00	27.15	27.15	17.00	461.55	TK	873823. 0	804295	
06/04/99	TONS (M99-1182) CONTAMINATED SOIL	.00	21.38	21.38	17.00	363.46	TK	873824. 0	804295	
06/04/99	TONS (M99-1182) CONTAMINATED SOIL	.00	25.14	25.14	17.00	427.38	TK	873825. 0	804295	

Commercial Ticket Review by Customer - W/O TAX cont'd on next page

Customer Range From : 8155.000 To: 8155.999 Date Range From: 04/01/99 To: 08/31/99

8155.001 BP AMERICA 3425 HYDE PARK BLVD FORMER CARBORUNDUM SITE
Niagara Falls

Trans Date	Service Description	Trans.	Quantity	Tonnage	Rate	Total Charges		Ticket #	Invoice Number	Trans. Count
06/04/99	TONS (M99-1182) CONTAMINATED SOIL	.00	27.18	27.18	17.00	462.06	TK	873857. 0	804295	
06/04/99	TONS (M99-1182) CONTAMINATED SOIL	.00	28.03	28.03	17.00	476.51	TK	873860. 0	804295	
06/04/99	TONS (M99-1182) CONTAMINATED SOIL	.00	23.49	23.49	17.00	399.33	TK	873862. 0	804295	
06/04/99	TONS (M99-1182) CONTAMINATED SOIL	.00	19.46	19.46	17.00	330.82	TK	873896. 0	804295	
06/04/99	TONS (M99-1182) CONTAMINATED SOIL	.00	20.61	20.61	17.00	350.37	TK	873899. 0	804295	
06/04/99	TONS (M99-1182) CONTAMINATED SOIL	.00	20.63	20.63	17.00	350.71	TK	873905. 0	804295	
06/04/99	TONS (M99-1182) CONTAMINATED SOIL	.00	19.92	19.92	17.00	338.64	TK	873906. 0	804295	
06/04/99	TONS (M99-1182) CONTAMINATED SOIL	.00	20.18	20.18	17.00	343.06	TK	873907. 0	804295	
06/04/99	TONS (M99-1182) CONTAMINATED SOIL	.00	29.88	29.88	17.00	507.96	TK	873909. 0	804295	
06/04/99	TONS (M99-1182) CONTAMINATED SOIL	.00	24.43	24.43	17.00	415.31	TK	873910. 0	804295	
06/04/99	TONS (M99-1182) CONTAMINATED SOIL	.00	23.62	23.62	17.00	401.54	TK	873912. 0	804295	
06/04/99	TONS (M99-1182) CONTAMINATED SOIL	.00	24.67	24.67	17.00	419.39	TK	873914. 0	804295	
06/04/99	TONS (M99-1182) CONTAMINATED SOIL	.00	23.19	23.19	17.00	394.23	TK	873915. 0	804295	
06/04/99	TONS (M99-1182) CONTAMINATED SOIL	.00	23.07	23.07	17.00	392.19	TK	873917. 0	804295	
06/04/99	TONS (M99-1182) CONTAMINATED SOIL	.00	22.90	22.90	17.00	389.30	TK	874061. 0	804295	
06/04/99	TONS (M99-1182) CONTAMINATED SOIL	.00	19.69	19.69	17.00	334.73	TK	874063. 0	804295	
06/04/99	TONS (M99-1182) CONTAMINATED SOIL	.00	24.66	24.66	17.00	419.22	TK	874065. 0	804295	
06/04/99	TONS (M99-1182) CONTAMINATED SOIL	.00	27.57	27.57	17.00	468.69	TK	874066. 0	804295	
06/04/99	TONS (M99-1182) CONTAMINATED SOIL	.00	21.35	21.35	17.00	362.95	TK	875660. 0	804294	
06/04/99	TONS (M99-1182) CONTAMINATED SOIL	.00	21.21	21.21	17.00	360.57	TK	875707. 0	804294	
06/04/99	TONS (M99-1182) CONTAMINATED SOIL	.00	19.36	19.36	17.00	329.12	TK	875709. 0	804294	
06/04/99	TONS (M99-1182) CONTAMINATED SOIL	.00	28.58	28.58	17.00	485.86	TK	875823. 0	804294	
06/04/99	TONS (M99-1182) CONTAMINATED SOIL	.00	28.97	28.97	17.00	492.49	TK	875850. 0	804294	
06/04/99	TONS (M99-1182) CONTAMINATED SOIL	.00	22.74	22.74	17.00	386.58	TK	875905. 0	804294	
06/04/99	TONS (M99-1182) CONTAMINATED SOIL	.00	23.33	23.33	17.00	396.61	TK	875913. 0	804294	
06/04/99	TONS (M99-1182) CONTAMINATED SOIL	.00	22.71	22.71	17.00	386.07	TK	876007. 0	804294	
06/04/99	TONS (M99-1182) CONTAMINATED SOIL	.00	22.32	22.32	17.00	379.44	TK	879828. 0	804294	
06/05/99	TONS (M99-1182) CONTAMINATED SOIL	.00	21.62	21.62	17.00	367.54	TK	875723. 0	804294	
06/07/99	TONS (M99-1182) CONTAMINATED SOIL	.00	24.76	24.76	17.00	420.92	TK	751307. 0	804294	
06/07/99	TONS (M99-1182) CONTAMINATED SOIL	.00	20.13	20.13	17.00	342.21	TK	870552. 0	804294	
06/07/99	TONS (M99-1182) CONTAMINATED SOIL	.00	21.31	21.31	17.00	362.27	TK	872379. 0	804294	
06/07/99	TONS (M99-1182) CONTAMINATED SOIL	.00	26.79	26.79	17.00	455.43	TK	872679. 0	804294	
06/07/99	TONS (M99-1182) CONTAMINATED SOIL	.00	27.77	27.77	17.00	472.09	TK	872681. 0	804294	
06/07/99	TONS (M99-1182) CONTAMINATED SOIL	.00	25.72	25.72	17.00	437.24	TK	872684. 0	804294	
06/07/99	TONS (M99-1182) CONTAMINATED SOIL	.00	19.08	19.08	17.00	324.36	TK	873408. 0	804294	
06/07/99	TONS (M99-1182) CONTAMINATED SOIL	.00	27.59	27.59	17.00	469.03	TK	873731. 0	804294	
06/07/99	TONS (M99-1182) CONTAMINATED SOIL	.00	20.13	20.13	17.00	342.21	TK	874017. 0	804294	
06/07/99	TONS (M99-1182) CONTAMINATED SOIL	.00	22.35	22.35	17.00	379.95	TK	874146. 0	804294	
06/07/99	TONS (M99-1182) CONTAMINATED SOIL	.00	24.04	24.04	17.00	408.68	TK	875406. 0	804294	
06/07/99	TONS (M99-1182) CONTAMINATED SOIL	.00	21.26	21.26	17.00	361.42	TK	876456. 0	804294	
06/07/99	TONS (M99-1182) CONTAMINATED SOIL	.00	27.56	27.56	17.00	468.52	TK	876567. 0	804294	
06/07/99	TONS (M99-1182) CONTAMINATED SOIL	.00	24.85	24.85	17.00	422.45	TK	879872. 0	804294	
06/07/99	TONS (M99-1182) CONTAMINATED SOIL	.00	20.77	20.77	17.00	353.09	TK	879873. 0	804294	
06/07/99	TONS (M99-1182) CONTAMINATED SOIL	.00	22.27	22.27	17.00	378.59	TK	879874. 0	804294	
06/07/99	TONS (M99-1182) CONTAMINATED SOIL	.00	23.94	23.94	17.00	406.98	TK	879875. 0	804294	
06/07/99	TONS (M99-1182) CONTAMINATED SOIL	.00	23.60	23.60	17.00	401.20	TK	879877. 0	804294	
06/07/99	TONS (M99-1182) CONTAMINATED SOIL	.00	21.02	21.02	17.00	357.34	TK	879083. 0	804294	

Commercial Ticket Review by Customer - W/O TAX cont'd on next page

Commercial Ticket Review by Customer - W/O TAX (rptO27) for: Modern Disposal Services,

Customer Range From : 8155.000 To: 8155.999 Date Range from: 04/01/99 To: 08/31/99

8155.001 DP AMERICA 3425 HYDE PARK BLVD FORMER CARBORUNDUM SITE
Niagara Falls

Trans Date	Service Description	Trans.	Quantity	Tonnage	Rate	Total Charges		Ticket #	Invoice Number	Trans. Count
06/07/99	TONS (M99-1182) CONTAMINATED SOIL	.00	22.01	22.01	17.00	374.17	TK	879884. 0	804294	
06/07/99	TONS (M99-1182) CONTAMINATED SOIL	.00	19.86	19.86	17.00	337.62	TK	879900. 0	804294	
06/07/99	TONS (M99-1182) CONTAMINATED SOIL	.00	19.04	19.04	17.00	323.68	TK	879901. 0	804294	
06/07/99	TONS (M99-1182) CONTAMINATED SOIL	.00	28.90	28.90	17.00	491.30	TK	879925. 0	804294	
06/07/99	TONS (M99-1182) CONTAMINATED SOIL	.00	25.69	25.69	17.00	436.73	TK	879926. 0	804294	
06/07/99	TONS (M99-1182) CONTAMINATED SOIL	.00	28.96	28.96	17.00	492.32	TK	879927. 0	804294	
06/07/99	TONS (M99-1182) CONTAMINATED SOIL	.00	27.96	27.96	17.00	475.32	TK	879928. 0	804294	
06/07/99	TONS (M99-1182) CONTAMINATED SOIL	.00	26.42	26.42	17.00	449.14	TK	879930. 0	804294	
06/07/99	TONS (M99-1182) CONTAMINATED SOIL	.00	25.12	25.12	17.00	427.04	TK	879931. 0	804294	
06/07/99	TONS (M99-1182) CONTAMINATED SOIL	.00	25.61	25.61	17.00	435.37	TK	879933. 0	804294	
06/07/99	TONS (M99-1182) CONTAMINATED SOIL	.00	27.30	27.30	17.00	464.10	TK	879935. 0	804294	
06/07/99	TONS (M99-1182) CONTAMINATED SOIL	.00	24.36	24.36	17.00	414.12	TK	879936. 0	804294	
06/07/99	TONS (M99-1182) CONTAMINATED SOIL	.00	23.36	23.36	17.00	397.12	TK	879937. 0	804294	
06/07/99	TONS (M99-1182) CONTAMINATED SOIL	.00	21.96	21.96	17.00	373.32	TK	879967. 0	804294	
06/07/99	TONS (M99-1182) CONTAMINATED SOIL	.00	26.86	26.86	17.00	456.62	TK	879968. 0	804294	
06/07/99	TONS (M99-1182) CONTAMINATED SOIL	.00	25.92	25.92	17.00	440.64	TK	879969. 0	804294	
06/07/99	TONS (M99-1182) CONTAMINATED SOIL	.00	28.71	28.71	17.00	488.07	TK	879972. 0	804294	
06/07/99	TONS (M99-1182) CONTAMINATED SOIL	.00	22.78	22.78	17.00	387.26	TK	879974. 0	804294	
06/07/99	TONS (M99-1182) CONTAMINATED SOIL	.00	20.48	20.48	17.00	348.16	TK	880011. 0	804294	
06/07/99	TONS (M99-1182) CONTAMINATED SOIL	.00	25.13	25.13	17.00	427.21	TK	880017. 0	804294	
06/07/99	TONS (M99-1182) CONTAMINATED SOIL	.00	21.96	21.96	17.00	373.32	TK	880019. 0	804294	
06/07/99	TONS (M99-1182) CONTAMINATED SOIL	.00	25.34	25.34	17.00	430.78	TK	880021. 0	804294	
06/07/99	TONS (M99-1182) CONTAMINATED SOIL	.00	26.54	26.54	17.00	451.18	TK	880024. 0	804294	
06/07/99	TONS (M99-1182) CONTAMINATED SOIL	.00	20.97	20.97	17.00	356.49	TK	880025. 0	804294	
06/07/99	TONS (M99-1182) CONTAMINATED SOIL	.00	18.05	18.05	17.00	306.85	TK	880034. 0	804294	
06/14/99	TONS (M99-1182) CONTAMINATED SOIL	.00	23.67	23.67	17.00	402.39	TK	880592. 0	804294	
06/14/99	TONS (M99-1182) CONTAMINATED SOIL	.00	20.73	20.73	17.00	352.41	TK	868485. 0	804294	
06/14/99	TONS (M99-1182) CONTAMINATED SOIL	.00	21.69	21.69	17.00	368.73	TK	868489. 0	804294	
06/14/99	TONS (M99-1182) CONTAMINATED SOIL	.00	19.46	19.46	17.00	330.82	TK	871009. 0	804294	
06/14/99	TONS (M99-1182) CONTAMINATED SOIL	.00	21.79	21.79	17.00	370.43	TK	871010. 0	804294	
06/14/99	TONS (M99-1182) CONTAMINATED SOIL	.00	22.95	22.95	17.00	390.15	TK	871465. 0	804294	
06/14/99	TONS (M99-1182) CONTAMINATED SOIL	.00	23.98	23.98	17.00	407.66	TK	872644. 0	804294	
06/14/99	TONS (M99-1182) CONTAMINATED SOIL	.00	26.01	26.01	17.00	442.17	TK	872816. 0	804294	
06/14/99	TONS (M99-1182) CONTAMINATED SOIL	.00	20.96	20.96	17.00	356.32	TK	873005. 0	804294	
06/14/99	TONS (M99-1182) CONTAMINATED SOIL	.00	22.04	22.04	17.00	374.68	TK	873321. 0	804294	
06/14/99	TONS (M99-1182) CONTAMINATED SOIL	.00	19.79	19.79	17.00	336.43	TK	873341. 0	804294	
06/14/99	TONS (M99-1182) CONTAMINATED SOIL	.00	26.24	26.24	17.00	446.08	TK	873371. 0	804294	
06/14/99	TONS (M99-1182) CONTAMINATED SOIL	.00	26.41	26.41	17.00	448.97	TK	873376. 0	804294	
06/14/99	TONS (M99-1182) CONTAMINATED SOIL	.00	22.24	22.24	17.00	378.08	TK	873377. 0	804294	
06/14/99	TONS (M99-1182) CONTAMINATED SOIL	.00	24.14	24.14	17.00	410.38	TK	875722. 0	804294	
06/14/99	TONS (M99-1182) CONTAMINATED SOIL	.00	22.70	22.70	17.00	385.90	TK	875751. 0	804294	
06/14/99	TONS (M99-1182) CONTAMINATED SOIL	.00	19.37	19.37	17.00	329.29	TK	875829. 0	804294	
06/14/99	TONS (M99-1182) CONTAMINATED SOIL	.00	22.23	22.23	17.00	377.91	TK	876294. 0	804294	
06/14/99	TONS (M99-1182) CONTAMINATED SOIL	.00	22.64	22.64	17.00	384.88	TK	885205. 0	804294	
06/14/99	TONS (M99-1182) CONTAMINATED SOIL	.00	24.83	24.83	17.00	422.11	TK	885209. 0	804294	
06/14/99	TONS (M99-1182) CONTAMINATED SOIL	.00	21.48	21.48	17.00	365.16	TK	885210. 0	804294	
06/14/99	TONS (M99-1182) CONTAMINATED SOIL	.00	24.52	24.52	17.00	416.84	TK	885212. 0	804294	

Commercial Ticket Review by Customer - W/O TAX cont'd on next page

Customer Range From : 8155.000 To: 8155.999 Date Range From: 04/01/99 To: 08/31/99

8155.001 BP AMERICA 3425 HYDE PARK BLVD FORMER CARBORUNDUM SITE
Niagara Falls

Trans Date	Service Description	Trans.	Quantity	Tonnage	Rate	Total Charges		Ticket #	Invoice Number	Trans. Count
06/14/99	TONS (M99-1182) CONTAMINATED SOIL	.00	26.98	26.98	17.00	458.66	TK	885213. 0	804294	
06/14/99	TONS (M99-1182) CONTAMINATED SOIL	.00	23.42	23.42	17.00	398.14	TK	885214. 0	804294	
06/15/99	TONS (M99-1182) CONTAMINATED SOIL	.00	24.71	24.71	17.00	420.07	TK	873002. 0	804294	
06/15/99	TONS (M99-1182) CONTAMINATED SOIL	.00	23.78	23.78	17.00	404.26	TK	873342. 0	804294	
06/15/99	TONS (M99-1182) CONTAMINATED SOIL	.00	25.49	25.49	17.00	433.33	TK	873863. 0	804294	
06/15/99	TONS (M99-1182) CONTAMINATED SOIL	.00	28.73	28.73	17.00	488.41	TK	874044. 0	804294	
06/15/99	TONS (M99-1182) CONTAMINATED SOIL	.00	23.15	23.15	17.00	393.55	TK	875661. 0	804294	
06/15/99	TONS (M99-1182) CONTAMINATED SOIL	.00	27.05	27.05	17.00	459.85	TK	879916. 0	804294	
06/15/99	TONS (M99-1182) CONTAMINATED SOIL	.00	22.78	22.78	17.00	387.26	TK	879922. 0	804294	
06/15/99	TONS (M99-1182) CONTAMINATED SOIL	.00	23.31	23.31	17.00	396.27	TK	884315. 0	804294	
06/15/99	TONS (M99-1182) CONTAMINATED SOIL	.00	26.04	26.04	17.00	442.68	TK	884477. 0	804294	
06/15/99	TONS (M99-1182) CONTAMINATED SOIL	.00	24.04	24.04	17.00	408.68	TK	885049. 0	804294	
06/15/99	TONS (M99-1182) CONTAMINATED SOIL	.00	20.95	20.95	17.00	356.15	TK	885052. 0	804294	
06/15/99	TONS (M99-1182) CONTAMINATED SOIL	.00	19.90	19.90	17.00	338.30	TK	885063. 0	804294	
06/15/99	TONS (M99-1182) CONTAMINATED SOIL	.00	20.69	20.69	17.00	351.73	TK	885067. 0	804294	
06/15/99	TONS (M99-1182) CONTAMINATED SOIL	.00	18.08	18.08	17.00	307.36	TK	885072. 0	804294	
06/15/99	TONS (M99-1182) CONTAMINATED SOIL	.00	23.57	23.57	17.00	400.69	TK	885080. 0	804294	
06/15/99	TONS (M99-1182) CONTAMINATED SOIL	.00	26.56	26.56	17.00	451.52	TK	885082. 0	804294	
06/15/99	TONS (M99-1182) CONTAMINATED SOIL	.00	20.13	20.13	17.00	342.21	TK	885084. 0	804294	
06/15/99	TONS (M99-1182) CONTAMINATED SOIL	.00	26.68	26.68	17.00	453.56	TK	885087. 0	804294	
06/15/99	TONS (M99-1182) CONTAMINATED SOIL	.00	25.48	25.48	17.00	433.16	TK	885088. 0	804294	
06/15/99	TONS (M99-1182) CONTAMINATED SOIL	.00	21.92	21.92	17.00	372.64	TK	885089. 0	804294	
06/15/99	TONS (M99-1182) CONTAMINATED SOIL	.00	24.28	24.28	17.00	412.76	TK	885090. 0	804294	
06/15/99	TONS (M99-1182) CONTAMINATED SOIL	.00	23.67	23.67	17.00	402.39	TK	885091. 0	804294	
06/15/99	TONS (M99-1182) CONTAMINATED SOIL	.00	23.86	23.86	17.00	405.62	TK	885093. 0	804294	
06/15/99	TONS (M99-1182) CONTAMINATED SOIL	.00	28.94	28.94	17.00	491.98	TK	885094. 0	804294	
06/15/99	TONS (M99-1182) CONTAMINATED SOIL	.00	23.33	23.33	17.00	396.61	TK	885097. 0	804294	
06/15/99	TONS (M99-1182) CONTAMINATED SOIL	.00	22.04	22.04	17.00	374.68	TK	885098. 0	804294	
06/15/99	TONS (M99-1182) CONTAMINATED SOIL	.00	24.65	24.65	17.00	419.05	TK	885099. 0	804294	
06/15/99	TONS (M99-1182) CONTAMINATED SOIL	.00	18.84	18.84	17.00	320.28	TK	885100. 0	804294	
06/15/99	TONS (M99-1182) CONTAMINATED SOIL	.00	19.32	19.32	17.00	328.44	TK	885106. 0	804294	
06/15/99	TONS (M99-1182) CONTAMINATED SOIL	.00	27.07	27.07	17.00	460.19	TK	885109. 0	804294	
06/15/99	TONS (M99-1182) CONTAMINATED SOIL	.00	26.23	26.23	17.00	445.91	TK	885111. 0	804294	
06/15/99	TONS (M99-1182) CONTAMINATED SOIL	.00	26.19	26.19	17.00	445.23	TK	885113. 0	804294	
06/15/99	TONS (M99-1182) CONTAMINATED SOIL	.00	26.07	26.07	17.00	443.19	TK	885114. 0	804294	
06/15/99	TONS (M99-1182) CONTAMINATED SOIL	.00	25.59	25.59	17.00	435.03	TK	885116. 0	804294	
06/15/99	TONS (M99-1182) CONTAMINATED SOIL	.00	23.31	23.31	17.00	396.27	TK	885167. 0	804294	
06/15/99	TONS (M99-1182) CONTAMINATED SOIL	.00	19.99	19.99	17.00	339.83	TK	885168. 0	804294	
06/15/99	TONS (M99-1182) CONTAMINATED SOIL	.00	23.98	23.98	17.00	407.66	TK	885169. 0	804294	
06/15/99	TONS (M99-1182) CONTAMINATED SOIL	.00	22.63	22.63	17.00	384.71	TK	885171. 0	804294	
06/16/99	TONS (M99-1182) CONTAMINATED SOIL	.00	22.26	22.26	17.00	378.42	TK	885172. 0	804294	
06/16/99	TONS (M99-1182) CONTAMINATED SOIL	.00	21.28	21.28	17.00	361.76	TK	885117. 0	804294	
06/16/99	TONS (M99-1182) CONTAMINATED SOIL	.00	17.12	17.12	17.00	291.04	TK	885118. 0	804294	
06/16/99	TONS (M99-1182) CONTAMINATED SOIL	.00	17.99	17.99	17.00	305.83	TK	885119. 0	804294	
06/16/99	TONS (M99-1182) CONTAMINATED SOIL	.00	27.29	27.29	17.00	463.93	TK	885164. 0	804294	
06/16/99	TONS (M99-1182) CONTAMINATED SOIL	.00	22.45	22.45	17.00	381.65	TK	885165. 0	804294	
06/16/99	TONS (M99-1182) CONTAMINATED SOIL	.00	24.24	24.24	17.00	412.08	TK	885170. 0	804294	

Commercial Ticket Review by Customer - W/O TAX cont'd on next page

Commercial Ticket Review by Customer - W/O TAX (rpt027) for: Modern Disposal Services,

Customer Range from : 8155.000 To: 8155.999 Date Range from: 04/01/99 To: 08/31/99

8155.001 BP AMERICA 3425 HYDE PARK BLVD FORMER CARBORUNDUM SITE
Niagara Falls

Trans Date	Service Description	Trans.	Quantity	Tonnage	Rate	Total Charges	Ticket #	Invoice Number	Trans. Count
06/16/99	TONS (M99-1102) CONTAMINATED SOIL	.00	25.23	25.23	17.00	428.91	TK 885923. 0	804294	
06/16/99	TONS (M99-1102) CONTAMINATED SOIL	.00	22.94	22.94	17.00	389.98	TK 885924. 0	804294	
06/16/99	TONS (M99-1102) CONTAMINATED SOIL	.00	25.27	25.27	17.00	429.59	TK 885925. 0	804294	
06/16/99	TONS (M99-1102) CONTAMINATED SOIL	.00	25.36	25.36	17.00	431.12	TK 885927. 0	804294	
06/16/99	TONS (M99-1102) CONTAMINATED SOIL	.00	26.03	26.03	17.00	442.51	TK 885928. 0	804294	
06/16/99	TONS (M99-1102) CONTAMINATED SOIL	.00	24.60	24.60	17.00	418.20	TK 885929. 0	804294	
06/16/99	TONS (M99-1102) CONTAMINATED SOIL	.00	22.79	22.79	17.00	387.43	TK 885930. 0	804294	
06/16/99	TONS (M99-1102) CONTAMINATED SOIL	.00	23.01	23.01	17.00	391.17	TK 885931. 0	804294	
06/16/99	TONS (M99-1102) CONTAMINATED SOIL	.00	23.68	23.68	17.00	402.56	TK 885934. 0	804294	
06/16/99	TONS (M99-1102) CONTAMINATED SOIL	.00	21.59	21.59	17.00	367.03	TK 885940. 0	804294	
06/16/99	TONS (M99-1102) CONTAMINATED SOIL	.00	26.63	26.63	17.00	452.71	TK 885941. 0	804294	
06/16/99	TONS (M99-1102) CONTAMINATED SOIL	.00	23.73	23.73	17.00	403.41	TK 885942. 0	804294	
06/16/99	TONS (M99-1102) CONTAMINATED SOIL	.00	21.27	21.27	17.00	361.59	TK 885943. 0	804294	
06/16/99	TONS (M99-1102) CONTAMINATED SOIL	.00	21.71	21.71	17.00	369.07	TK 885944. 0	804294	
06/16/99	TONS (M99-1102) CONTAMINATED SOIL	.00	24.21	24.21	17.00	411.57	TK 885945. 0	804294	
06/16/99	TONS (M99-1102) CONTAMINATED SOIL	.00	29.04	29.04	17.00	493.68	TK 885946. 0	804294	
06/16/99	TONS (M99-1102) CONTAMINATED SOIL	.00	23.00	23.00	17.00	391.00	TK 885953. 0	804294	
06/16/99	TONS (M99-1102) CONTAMINATED SOIL	.00	26.34	26.34	17.00	447.78	TK 885964. 0	804294	
06/17/99	TONS (M99-1102) CONTAMINATED SOIL	.00	26.14	26.14	17.00	444.38	TK 885971. 0	804294	
06/17/99	TONS (M99-1102) CONTAMINATED SOIL	.00	23.64	23.64	17.00	401.88	TK 879886. 0	804294	
06/17/99	TONS (M99-1102) CONTAMINATED SOIL	.00	26.26	26.26	17.00	446.42	TK 879898. 0	804294	
06/17/99	TONS (M99-1102) CONTAMINATED SOIL	.00	22.45	22.45	17.00	381.65	TK 883096. 0	804294	
06/17/99	TONS (M99-1102) CONTAMINATED SOIL	.00	22.60	22.60	17.00	384.20	TK 883236. 0	804294	
06/17/99	TONS (M99-1102) CONTAMINATED SOIL	.00	20.37	20.37	17.00	346.29	TK 885120. 0	804294	
06/17/99	TONS (M99-1102) CONTAMINATED SOIL	.00	27.43	27.43	17.00	466.31	TK 885370. 0	804294	
06/17/99	TONS (M99-1102) CONTAMINATED SOIL	.00	21.90	21.90	17.00	372.30	TK 885932. 0	804294	
06/17/99	TONS (M99-1102) CONTAMINATED SOIL	.00	22.57	22.57	17.00	383.69	TK 885938. 0	804294	
06/17/99	TONS (M99-1102) CONTAMINATED SOIL	.00	20.93	20.93	17.00	355.81	TK 885952. 0	804294	
06/17/99	TONS (M99-1102) CONTAMINATED SOIL	.00	26.71	26.71	17.00	454.07	TK 885954. 0	804294	
06/17/99	TONS (M99-1102) CONTAMINATED SOIL	.00	23.45	23.45	17.00	398.65	TK 885956. 0	804294	
06/17/99	TONS (M99-1102) CONTAMINATED SOIL	.00	30.51	30.51	17.00	518.67	TK 885959. 0	804294	
06/17/99	TONS (M99-1102) CONTAMINATED SOIL	.00	28.17	28.17	17.00	478.89	TK 885961. 0	804294	
06/17/99	TONS (M99-1102) CONTAMINATED SOIL	.00	25.93	25.93	17.00	440.81	TK 885962. 0	804294	
06/17/99	TONS (M99-1102) CONTAMINATED SOIL	.00	29.20	29.20	17.00	496.40	TK 887058. 0	804294	
06/17/99	TONS (M99-1102) CONTAMINATED SOIL	.00	23.20	23.20	17.00	394.40	TK 887060. 0	804294	
06/17/99	TONS (M99-1102) CONTAMINATED SOIL	.00	27.21	27.21	17.00	462.57	TK 887061. 0	804294	
06/17/99	TONS (M99-1102) CONTAMINATED SOIL	.00	23.50	23.50	17.00	399.50	TK 887072. 0	804294	
06/17/99	TONS (M99-1102) CONTAMINATED SOIL	.00	25.09	25.09	17.00	426.53	TK 887073. 0	804294	
06/17/99	TONS (M99-1102) CONTAMINATED SOIL	.00	24.63	24.63	17.00	418.71	TK 887074. 0	804294	
06/17/99	TONS (M99-1102) CONTAMINATED SOIL	.00	23.59	23.59	17.00	401.03	TK 887075. 0	804294	
06/17/99	TONS (M99-1102) CONTAMINATED SOIL	.00	30.53	30.53	17.00	519.01	TK 887106. 0	804294	
06/17/99	TONS (M99-1102) CONTAMINATED SOIL	.00	29.80	29.80	17.00	506.60	TK 887108. 0	804294	
06/17/99	TONS (M99-1102) CONTAMINATED SOIL	.00	20.68	20.68	17.00	351.56	TK 887271. 0	804294	
06/18/99	TONS (M99-1102) CONTAMINATED SOIL	.00	31.70	31.70	17.00	538.90	TK 887272. 0	804294	
06/18/99	TONS (M99-1102) CONTAMINATED SOIL	.00	23.70	23.70	17.00	402.90	TK 879881. 0	804294	
06/18/99	TONS (M99-1102) CONTAMINATED SOIL	.00	24.21	24.21	17.00	411.57	TK 879902. 0	804294	
06/18/99	TONS (M99-1102) CONTAMINATED SOIL	.00	24.25	24.25	17.00	412.25	TK 885160. 0	804294	

Commercial Ticket Review by Customer - W/O TAX cont'd on next page

Customer Range From : 8155.000 To: 8155.999 Date Range From: 04/01/99 To: 08/31/99

8155.001 BP AMERICA 3425 HYDE PARK BLVD FORMER CARBORUNDUM SITE
Niagara Falls

Trans Date	Service Description	Trans.	Quantity	Tonnage	Rate	Total Charges		Ticket #	Invoice Number	Trans. Count
06/18/99	TONS (M99-1182) CONTAMINATED SOIL	.00	23.99	23.99	17.00	407.83	TK	885163. 0	804294	
06/18/99	TONS (M99-1182) CONTAMINATED SOIL	.00	24.13	24.13	17.00	410.21	TK	887274. 0	804294	
06/18/99	TONS (M99-1182) CONTAMINATED SOIL	.00	24.45	24.45	17.00	415.65	TK	887351. 0	804294	
06/18/99	TONS (M99-1182) CONTAMINATED SOIL	.00	29.16	29.16	17.00	495.72	TK	887353. 0	804294	
06/18/99	TONS (M99-1182) CONTAMINATED SOIL	.00	29.80	29.80	17.00	506.60	TK	887354. 0	804294	
06/18/99	TONS (M99-1182) CONTAMINATED SOIL	.00	29.83	29.83	17.00	507.11	TK	887355. 0	804294	
06/18/99	TONS (M99-1182) CONTAMINATED SOIL	.00	27.91	27.91	17.00	474.47	TK	887356. 0	804294	
06/18/99	TONS (M99-1182) CONTAMINATED SOIL	.00	25.31	25.31	17.00	430.27	TK	887359. 0	804294	
06/18/99	TONS (M99-1182) CONTAMINATED SOIL	.00	26.44	26.44	17.00	449.48	TK	887360. 0	804294	
06/18/99	TONS (M99-1182) CONTAMINATED SOIL	.00	25.08	25.08	17.00	426.36	TK	887362. 0	804294	
06/18/99	TONS (M99-1182) CONTAMINATED SOIL	.00	22.59	22.59	17.00	384.03	TK	887364. 0	804294	
06/18/99	TONS (M99-1182) CONTAMINATED SOIL	.00	19.40	19.40	17.00	329.80	TK	887365. 0	804294	
06/18/99	TONS (M99-1182) CONTAMINATED SOIL	.00	22.70	22.70	17.00	385.90	TK	887560. 0	804294	
06/18/99	TONS (M99-1182) CONTAMINATED SOIL	.00	21.76	21.76	17.00	369.92	TK	887561. 0	804294	
06/18/99	TONS (M99-1182) CONTAMINATED SOIL	.00	28.44	28.44	17.00	483.48	TK	887563. 0	804294	
06/18/99	TONS (M99-1182) CONTAMINATED SOIL	.00	22.05	22.05	17.00	374.85	TK	887564. 0	804294	
06/18/99	TONS (M99-1182) CONTAMINATED SOIL	.00	19.94	19.94	17.00	338.98	TK	887565. 0	804294	
06/18/99	TONS (M99-1182) CONTAMINATED SOIL	.00	18.95	18.95	17.00	322.15	TK	887567. 0	804294	
06/18/99	TONS (M99-1182) CONTAMINATED SOIL	.00	30.26	30.26	17.00	514.42	TK	887569. 0	804294	
06/18/99	TONS (M99-1182) CONTAMINATED SOIL	.00	20.62	20.62	17.00	350.54	TK	887570. 0	804294	
06/18/99	TONS (M99-1182) CONTAMINATED SOIL	.00	23.17	23.17	17.00	393.89	TK	887571. 0	804294	
06/18/99	TONS (M99-1182) CONTAMINATED SOIL	.00	23.50	23.50	17.00	399.50	TK	887572. 0	804294	
06/18/99	TONS (M99-1182) CONTAMINATED SOIL	.00	28.82	28.82	17.00	489.94	TK	887573. 0	804294	
06/18/99	TONS (M99-1182) CONTAMINATED SOIL	.00	22.85	22.85	17.00	388.45	TK	887578. 0	804294	
06/18/99	TONS (M99-1182) CONTAMINATED SOIL	.00	22.10	22.10	17.00	375.70	TK	887584. 0	804294	
06/18/99	TONS (M99-1182) CONTAMINATED SOIL	.00	23.06	23.06	17.00	392.02	TK	887585. 0	804294	
06/18/99	TONS (M99-1182) CONTAMINATED SOIL	.00	23.07	23.07	17.00	392.19	TK	887713. 0	804294	
06/18/99	TONS (M99-1182) CONTAMINATED SOIL	.00	22.26	22.26	17.00	378.42	TK	887715. 0	804294	
06/18/99	TONS (M99-1182) CONTAMINATED SOIL	.00	28.93	28.93	17.00	491.81	TK	887717. 0	804294	
06/18/99	TONS (M99-1182) CONTAMINATED SOIL	.00	21.61	21.61	17.00	367.37	TK	887720. 0	804294	
06/18/99	TONS (M99-1182) CONTAMINATED SOIL	.00	24.17	24.17	17.00	410.89	TK	887009. 0	804294	
06/18/99	TONS (M99-1182) CONTAMINATED SOIL	.00	23.00	23.00	17.00	391.00	TK	887814. 0	804294	
06/18/99	TONS (M99-1182) CONTAMINATED SOIL	.00	21.09	21.09	17.00	358.53	TK	887825. 0	804294	
06/18/99	TONS (M99-1182) CONTAMINATED SOIL	.00	25.29	25.29	17.00	429.93	TK	887829. 0	804294	
06/18/99	TONS (M99-1182) CONTAMINATED SOIL	.00	24.94	24.94	17.00	423.98	TK	887830. 0	804294	
06/21/99	TONS (M99-1182) CONTAMINATED SOIL	.00	21.49	21.49	17.00	365.33	TK	887831. 0	804294	
06/21/99	TONS (M99-1182) CONTAMINATED SOIL	.00	28.72	28.72	17.00	488.24	TK	887344. 0	804294	
06/21/99	TONS (M99-1182) CONTAMINATED SOIL	.00	26.11	26.11	17.00	443.87	TK	887346. 0	804294	
06/21/99	TONS (M99-1182) CONTAMINATED SOIL	.00	22.62	22.62	17.00	384.54	TK	887347. 0	804294	
06/21/99	TONS (M99-1182) CONTAMINATED SOIL	.00	24.82	24.82	17.00	421.94	TK	887349. 0	804294	
06/21/99	TONS (M99-1182) CONTAMINATED SOIL	.00	25.76	25.76	17.00	437.92	TK	887826. 0	804294	
06/21/99	TONS (M99-1182) CONTAMINATED SOIL	.00	20.61	20.61	17.00	350.37	TK	887828. 0	804294	
06/21/99	TONS (M99-1182) CONTAMINATED SOIL	.00	19.59	19.59	17.00	333.03	TK	887980. 0	804294	
06/21/99	TONS (M99-1182) CONTAMINATED SOIL	.00	23.19	23.19	17.00	394.23	TK	887985. 0	804294	
06/21/99	TONS (M99-1182) CONTAMINATED SOIL	.00	20.93	20.93	17.00	355.81	TK	887988. 0	804294	
06/21/99	TONS (M99-1182) CONTAMINATED SOIL	.00	19.60	19.60	17.00	333.20	TK	887990. 0	804294	
06/21/99	TONS (M99-1182) CONTAMINATED SOIL	.00	18.37	18.37	17.00	312.29	TK	887992. 0	804294	

Commercial Ticket Review by Customer - W/O TAX cont'd on next page

Commercial Ticket Review by Customer - W/O TAX (rptL027) for: Modern Disposal Services,

Customer Range From : 8155.000 To: 8155.999 Date Range from: 04/01/99 To: 08/31/99

8155.001 3M AMERICA 3425 HYDE PARK BLVD FORMER CARBORUNDUM SITE
Niagara Falls

Trans Date	Service Description	Trans.	Quantity	Tonnage	Rate	Total Charges	Ticket #	Invoice Number	Trans. Count
06/21/99	TONS (M99-1182) CONTAMINATED SOIL	.00	17.12	17.12	17.00	291.04	TK 887993. 0	804294	
06/21/99	TONS (M99-1182) CONTAMINATED SOIL	.00	16.99	16.99	17.00	288.83	TK 887995. 0	804294	
06/21/99	TONS (M99-1182) CONTAMINATED SOIL	.00	18.85	18.85	17.00	320.45	TK 887996. 0	804294	
06/21/99	TONS (M99-1182) CONTAMINATED SOIL	.00	20.49	20.49	17.00	348.33	TK 887997. 0	804294	
06/21/99	TONS (M99-1182) CONTAMINATED SOIL	.00	22.11	22.11	17.00	375.87	TK 887999. 0	804294	
06/21/99	TONS (M99-1182) CONTAMINATED SOIL	.00	23.05	23.05	17.00	391.85	TK 888000. 0	804294	
06/21/99	TONS (M99-1182) CONTAMINATED SOIL	.00	25.98	25.98	17.00	441.66	TK 888006. 0	804294	
06/21/99	TONS (M99-1182) CONTAMINATED SOIL	.00	22.01	22.01	17.00	374.17	TK 888008. 0	804294	
06/21/99	TONS (M99-1182) CONTAMINATED SOIL	.00	22.41	22.41	17.00	380.97	TK 888026. 0	804294	
06/21/99	TONS (M99-1182) CONTAMINATED SOIL	.00	20.59	20.59	17.00	350.03	TK 888029. 0	804294	
06/21/99	TONS (M99-1182) CONTAMINATED SOIL	.00	20.63	20.63	17.00	350.71	TK 888031. 0	804294	
06/21/99	TONS (M99-1182) CONTAMINATED SOIL	.00	24.18	24.18	17.00	411.06	TK 888034. 0	804294	
06/21/99	TONS (M99-1182) CONTAMINATED SOIL	.00	24.24	24.24	17.00	412.08	TK 888036. 0	804294	
06/21/99	TONS (M99-1182) CONTAMINATED SOIL	.00	22.25	22.25	17.00	378.25	TK 888040. 0	804294	
06/21/99	TONS (M99-1182) CONTAMINATED SOIL	.00	24.09	24.09	17.00	409.53	TK 888074. 0	804294	
06/21/99	TONS (M99-1182) CONTAMINATED SOIL	.00	23.49	23.49	17.00	399.33	TK 888077. 0	804294	
06/21/99	TONS (M99-1182) CONTAMINATED SOIL	.00	19.77	19.77	17.00	336.09	TK 888087. 0	804294	
06/21/99	TONS (M99-1182) CONTAMINATED SOIL	.00	23.66	23.66	17.00	402.22	TK 888090. 0	804294	
06/21/99	TONS (M99-1182) CONTAMINATED SOIL	.00	26.07	26.07	17.00	443.19	TK 888092. 0	804294	
06/21/99	TONS (M99-1182) CONTAMINATED SOIL	.00	22.18	22.18	17.00	377.06	TK 888094. 0	804294	
06/21/99	TONS (M99-1182) CONTAMINATED SOIL	.00	24.32	24.32	17.00	413.44	TK 888095. 0	804294	
06/21/99	TONS (M99-1182) CONTAMINATED SOIL	.00	25.79	25.79	17.00	438.43	TK 888096. 0	804294	
06/21/99	TONS (M99-1182) CONTAMINATED SOIL	.00	20.52	20.52	17.00	348.84	TK 888097. 0	804294	
06/21/99	TONS (M99-1182) CONTAMINATED SOIL	.00	23.16	23.16	17.00	393.72	TK 888099. 0	804294	
06/21/99	TONS (M99-1182) CONTAMINATED SOIL	.00	24.49	24.49	17.00	416.33	TK 888103. 0	804294	
06/21/99	TONS (M99-1182) CONTAMINATED SOIL	.00	20.56	20.56	17.00	349.52	TK 888106. 0	804294	
06/21/99	TONS (M99-1182) CONTAMINATED SOIL	.00	21.65	21.65	17.00	368.05	TK 888107. 0	804294	
06/21/99	TONS (M99-1182) CONTAMINATED SOIL	.00	24.09	24.09	17.00	409.53	TK 888109. 0	804294	
06/22/99	TONS (M99-1182) CONTAMINATED SOIL	.00	22.33	22.33	17.00	379.61	TK 888760. 0	804294	
06/22/99	TONS (M99-1182) CONTAMINATED SOIL	.00	19.74	19.74	17.00	335.58	TK 887968. 0	804294	
06/22/99	TONS (M99-1182) CONTAMINATED SOIL	.00	25.22	25.22	17.00	428.74	TK 888100. 0	804294	
06/22/99	TONS (M99-1182) CONTAMINATED SOIL	.00	22.99	22.99	17.00	390.83	TK 888769. 0	804294	
06/22/99	TONS (M99-1182) CONTAMINATED SOIL	.00	24.31	24.31	17.00	413.27	TK 888770. 0	804294	
06/22/99	TONS (M99-1182) CONTAMINATED SOIL	.00	24.84	24.84	17.00	422.28	TK 888771. 0	804294	
06/22/99	TONS (M99-1182) CONTAMINATED SOIL	.00	29.91	29.91	17.00	508.47	TK 888772. 0	804294	
06/22/99	TONS (M99-1182) CONTAMINATED SOIL	.00	21.81	21.81	17.00	370.77	TK 888773. 0	804294	
06/22/99	TONS (M99-1182) CONTAMINATED SOIL	.00	20.46	20.46	17.00	347.82	TK 888774. 0	804294	
06/22/99	TONS (M99-1182) CONTAMINATED SOIL	.00	31.64	31.64	17.00	537.88	TK 888825. 0	807379	
06/22/99	TONS (M99-1182) CONTAMINATED SOIL	.00	23.82	23.82	17.00	404.94	TK 888844. 0	804294	
06/22/99	TONS (M99-1182) CONTAMINATED SOIL	.00	20.22	20.22	17.00	343.74	TK 888897. 0	804294	
06/22/99	TONS (M99-1182) CONTAMINATED SOIL	.00	22.65	22.65	17.00	385.05	TK 889121. 0	804294	
06/22/99	TONS (M99-1182) CONTAMINATED SOIL	.00	26.04	26.04	17.00	442.68	TK 889128. 0	804294	
06/22/99	TONS (M99-1182) CONTAMINATED SOIL	.00	22.35	22.35	17.00	379.95	TK 889130. 0	804294	
06/22/99	TONS (M99-1182) CONTAMINATED SOIL	.00	25.91	25.91	17.00	440.47	TK 889131. 0	804294	
06/23/99	TONS (M99-1182) CONTAMINATED SOIL	.00	27.05	27.05	17.00	459.85	TK 889396. 0	804294	
06/23/99	TONS (M99-1182) CONTAMINATED SOIL	.00	22.26	22.26	17.00	378.42	TK 887972. 0	807379	
06/23/99	TONS (M99-1182) CONTAMINATED SOIL	.00	26.44	26.44	17.00	449.48	TK 888004. 0	807379	

Commercial Ticket Review by Customer - W/O TAX cont'd on next page

Customer Range From : 8155.000 To: 8155.999 Date Range from: 04/01/99 To: 08/31/99

8155.001 BP AMERICA 3425 HYDE PARK BLVD FORMER CARBORUNDUM SITE
Niagara Falls

Trans Date	Service Description	Trans.	Quantity	Tonnage	Rate	Total Charges	Ticket #	Invoice Number	Trans. Count
06/23/99	TONS (M99-1182) CONTAMINATED SOIL	.00	20.31	20.31	17.00	345.27 TK	888845. 0	807379	
06/23/99	TONS (M99-1182) CONTAMINATED SOIL	.00	23.75	23.75	17.00	403.75 TK	888846. 0	807379	
06/23/99	TONS (M99-1182) CONTAMINATED SOIL	.00	27.92	27.92	17.00	474.64 TK	888850. 0	807379	
06/23/99	TONS (M99-1182) CONTAMINATED SOIL	.00	28.51	28.51	17.00	484.67 TK	888854. 0	807379	
06/23/99	TONS (M99-1182) CONTAMINATED SOIL	.00	26.60	26.60	17.00	452.20 TK	889122. 0	807379	
06/23/99	TONS (M99-1182) CONTAMINATED SOIL	.00	24.83	24.83	17.00	422.11 TK	889133. 0	807379	
06/23/99	TONS (M99-1182) CONTAMINATED SOIL	.00	32.35	32.35	17.00	549.95 TK	889442. 0	807379	
06/23/99	TONS (M99-1182) CONTAMINATED SOIL	.00	27.44	27.44	17.00	466.48 TK	889444. 0	807379	
06/23/99	TONS (M99-1182) CONTAMINATED SOIL	.00	26.66	26.66	17.00	453.22 TK	889479. 0	807379	
06/23/99	TONS (M99-1182) CONTAMINATED SOIL	.00	25.44	25.44	17.00	432.48 TK	889480. 0	807379	
06/23/99	TONS (M99-1182) CONTAMINATED SOIL	.00	25.54	25.54	17.00	434.18 TK	889495. 0	807379	
06/23/99	TONS (M99-1182) CONTAMINATED SOIL	.00	25.11	25.11	17.00	426.87 TK	889496. 0	807379	
06/23/99	TONS (M99-1182) CONTAMINATED SOIL	.00	28.76	28.76	17.00	488.92 TK	889507. 0	807379	
06/23/99	TONS (M99-1182) CONTAMINATED SOIL	.00	24.53	24.53	17.00	417.01 TK	889508. 0	807379	
06/23/99	TONS (M99-1182) CONTAMINATED SOIL	.00	28.40	28.40	17.00	482.80 TK	889511. 0	807379	
06/23/99	TONS (M99-1182) CONTAMINATED SOIL	.00	26.24	26.24	17.00	446.08 TK	889512. 0	807379	
06/23/99	TONS (M99-1182) CONTAMINATED SOIL	.00	24.58	24.58	17.00	417.86 TK	889513. 0	807379	
06/23/99	TONS (M99-1182) CONTAMINATED SOIL	.00	26.82	26.82	17.00	455.94 TK	889514. 0	807379	
06/24/99	TONS (M99-1182) CONTAMINATED SOIL	.00	23.97	23.97	17.00	407.49 TK	889515. 0	807379	
06/24/99	TONS (M99-1182) CONTAMINATED SOIL	.00	20.29	20.29	17.00	344.93 TK	887974. 0	807379	
06/24/99	TONS (M99-1182) CONTAMINATED SOIL	.00	23.78	23.78	17.00	404.26 TK	888111. 0	807379	
06/24/99	TONS (M99-1182) CONTAMINATED SOIL	.00	24.03	24.03	17.00	408.51 TK	888843. 0	807379	
06/24/99	TONS (M99-1182) CONTAMINATED SOIL	.00	23.68	23.68	17.00	402.56 TK	889355. 0	807379	
06/24/99	TONS (M99-1182) CONTAMINATED SOIL	.00	25.60	25.60	17.00	435.20 TK	889402. 0	807379	
06/24/99	TONS (M99-1182) CONTAMINATED SOIL	.00	34.34	34.34	17.00	583.78 TK	889404. 0	807379	
06/24/99	TONS (M99-1182) CONTAMINATED SOIL	.00	24.33	24.33	17.00	413.61 TK	889413. 0	807379	
06/24/99	TONS (M99-1182) CONTAMINATED SOIL	.00	24.44	24.44	17.00	415.48 TK	889425. 0	807379	
06/24/99	TONS (M99-1182) CONTAMINATED SOIL	.00	24.60	24.60	17.00	418.20 TK	889426. 0	807379	
06/24/99	TONS (M99-1182) CONTAMINATED SOIL	.00	20.54	20.54	17.00	349.18 TK	889427. 0	807379	
06/24/99	TONS (M99-1182) CONTAMINATED SOIL	.00	25.77	25.77	17.00	438.09 TK	889429. 0	807379	
06/24/99	TONS (M99-1182) CONTAMINATED SOIL	.00	25.17	25.17	17.00	427.89 TK	889469. 0	807379	
06/24/99	TONS (M99-1182) CONTAMINATED SOIL	.00	23.93	23.93	17.00	406.81 TK	889490. 0	807379	
06/24/99	TONS (M99-1182) CONTAMINATED SOIL	.00	26.98	26.98	17.00	458.66 TK	889491. 0	807379	
06/24/99	TONS (M99-1182) CONTAMINATED SOIL	.00	22.49	22.49	17.00	382.33 TK	892005. 0	807379	
06/24/99	TONS (M99-1182) CONTAMINATED SOIL	.00	21.84	21.84	17.00	371.28 TK	892010. 0	807379	
06/25/99	TONS (M99-1182) CONTAMINATED SOIL	.00	28.22	28.22	17.00	479.74 TK	892546. 0	807379	
06/25/99	TONS (M99-1182) CONTAMINATED SOIL	.00	23.19	23.19	17.00	394.23 TK	888832. 0	807379	
06/25/99	TONS (M99-1182) CONTAMINATED SOIL	.00	23.32	23.32	17.00	396.44 TK	888841. 0	807379	
06/25/99	TONS (M99-1182) CONTAMINATED SOIL	.00	24.50	24.50	17.00	416.50 TK	888847. 0	807379	
06/25/99	TONS (M99-1182) CONTAMINATED SOIL	.00	17.86	17.86	17.00	303.62 TK	888848. 0	807379	
06/25/99	TONS (M99-1182) CONTAMINATED SOIL	.00	28.05	28.05	17.00	476.85 TK	889407. 0	807379	
06/25/99	TONS (M99-1182) CONTAMINATED SOIL	.00	26.05	26.05	17.00	442.85 TK	889410. 0	807379	
06/25/99	TONS (M99-1182) CONTAMINATED SOIL	.00	22.97	22.97	17.00	390.49 TK	889416. 0	807379	
06/25/99	TONS (M99-1182) CONTAMINATED SOIL	.00	24.88	24.88	17.00	422.96 TK	889417. 0	807379	
06/25/99	TONS (M99-1182) CONTAMINATED SOIL	.00	23.61	23.61	17.00	401.37 TK	889493. 0	807379	
06/25/99	TONS (M99-1182) CONTAMINATED SOIL	.00	22.69	22.69	17.00	385.73 TK	892670. 0	807379	
06/25/99	TONS (M99-1182) CONTAMINATED SOIL	.00	23.23	23.23	17.00	394.91 TK	892671. 0	807379	

Commercial Ticket Review by Customer - W/O TAX cont'd on next page

Commercial Ticket Review by Customer - W/O TAX (rpt027) for: Modern Disposal Services,

Customer Range From : 8155.000 To: 8155.999 Date Range from: 04/01/99 To: 08/31/99

8155.001 GP AMERICA 3425 HYDE PARK BLVD FORMER CARBORUNDUM SITE
Niagara Falls

Trans Date	Service Description	Trans.	Quantity	Tonnage	Rate	Total Charges	Ticket #	Invoice Number	Trans. Count
06/29/99	TONS (M99-1182) CONTAMINATED SOIL	.00	26.72	26.72	17.00	454.24	TK 893245. 0	807379	
06/29/99	TONS (M99-1182) CONTAMINATED SOIL	.00	27.37	27.37	17.00	465.29	TK 893246. 0	807379	
06/29/99	TONS (M99-1182) CONTAMINATED SOIL	.00	22.72	22.72	17.00	386.24	TK 893247. 0	807379	
06/29/99	TONS (M99-1182) CONTAMINATED SOIL	.00	27.41	27.41	17.00	465.97	TK 893253. 0	807379	
06/29/99	TONS (M99-1182) CONTAMINATED SOIL	.00	27.69	27.69	17.00	470.73	TK 893254. 0	807379	
06/29/99	TONS (M99-1182) CONTAMINATED SOIL	.00	26.35	26.35	17.00	447.95	TK 893255. 0	807379	
06/30/99	TONS (M99-1182) CONTAMINATED SOIL	.00	26.45	26.45	17.00	449.65	TK 893256. 0	807379	
06/30/99	TONS (M99-1182) CONTAMINATED SOIL	.00	31.70	31.70	17.00	538.90	TK 887823. 0	807379	
06/30/99	TONS (M99-1182) CONTAMINATED SOIL	.00	25.92	25.92	17.00	440.64	TK 887824. 0	807379	
06/30/99	TONS (M99-1182) CONTAMINATED SOIL	.00	27.88	27.88	17.00	473.96	TK 888851. 0	807379	
06/30/99	TONS (M99-1182) CONTAMINATED SOIL	.00	23.24	23.24	17.00	395.08	TK 889370. 0	807379	
06/30/99	TONS (M99-1182) CONTAMINATED SOIL	.00	29.71	29.71	17.00	505.07	TK 889372. 0	807379	
06/30/99	TONS (M99-1182) CONTAMINATED SOIL	.00	27.23	27.23	17.00	462.91	TK 889373. 0	807379	
06/30/99	TONS (M99-1182) CONTAMINATED SOIL	.00	21.49	21.49	17.00	365.33	TK 889374. 0	807379	
06/30/99	TONS (M99-1182) CONTAMINATED SOIL	.00	24.21	24.21	17.00	411.57	TK 889376. 0	807379	
06/30/99	TONS (M99-1182) CONTAMINATED SOIL	.00	28.84	28.84	17.00	490.28	TK 889439. 0	807379	
06/30/99	TONS (M99-1182) CONTAMINATED SOIL	.00	22.38	22.38	17.00	380.46	TK 889445. 0	807379	
06/30/99	TONS (M99-1182) CONTAMINATED SOIL	.00	23.95	23.95	17.00	407.15	TK 893232. 0	807379	
06/30/99	TONS (M99-1182) CONTAMINATED SOIL	.00	23.52	23.52	17.00	399.84	TK 893233. 0	807379	
06/30/99	TONS (M99-1182) CONTAMINATED SOIL	.00	27.40	27.40	17.00	465.80	TK 893234. 0	807379	
06/30/99	TONS (M99-1182) CONTAMINATED SOIL	.00	24.47	24.47	17.00	415.99	TK 893236. 0	807379	
06/30/99	TONS (M99-1182) CONTAMINATED SOIL	.00	22.22	22.22	17.00	377.74	TK 893238. 0	807379	
06/30/99	TONS (M99-1182) CONTAMINATED SOIL	.00	20.86	20.86	17.00	354.62	TK 893244. 0	807379	
07/01/99	TONS (M99-1182) CONTAMINATED SOIL	.00	28.66	28.66	17.00	487.22	TK 893248. 0	807379	
07/01/99	TONS (M99-1182) CONTAMINATED SOIL	.00	20.62	20.62	17.00	350.54	TK 889357. 0	816611	
07/01/99	TONS (M99-1182) CONTAMINATED SOIL	.00	28.08	28.08	17.00	477.36	TK 889358. 0	816611	
07/01/99	TONS (M99-1182) CONTAMINATED SOIL	.00	26.54	26.54	17.00	451.18	TK 889451. 0	816611	
07/01/99	TONS (M99-1182) CONTAMINATED SOIL	.00	24.51	24.51	17.00	416.67	TK 889457. 0	816611	
07/02/99	TONS (M99-1182) CONTAMINATED SOIL	.00	30.54	30.54	17.00	519.18	TK 892011. 0	816611	
07/02/99	TONS (M99-1182) CONTAMINATED SOIL	.00	25.46	25.46	17.00	432.82	TK 888898. 0	816611	
07/02/99	TONS (M99-1182) CONTAMINATED SOIL	.00	27.36	27.36	17.00	465.12	TK 889294. 0	816611	
07/02/99	TONS (M99-1182) CONTAMINATED SOIL	.00	24.71	24.71	17.00	420.07	TK 889360. 0	816611	
07/02/99	TONS (M99-1182) CONTAMINATED SOIL	.00	29.92	29.92	17.00	508.64	TK 889420. 0	816611	
07/02/99	TONS (M99-1182) CONTAMINATED SOIL	.00	24.86	24.86	17.00	422.62	TK 889421. 0	816611	
07/02/99	TONS (M99-1182) CONTAMINATED SOIL	.00	29.26	29.26	17.00	497.42	TK 889423. 0	816611	
07/02/99	TONS (M99-1182) CONTAMINATED SOIL	.00	25.85	25.85	17.00	439.45	TK 889424. 0	816611	
07/02/99	TONS (M99-1182) CONTAMINATED SOIL	.00	22.84	22.84	17.00	388.28	TK 889497. 0	816611	
07/06/99	TONS (M99-1182) CONTAMINATED SOIL	.00	21.65	21.65	17.00	368.05	TK 889499. 0	816611	
07/06/99	TONS (M99-1182) CONTAMINATED SOIL	.00	27.50	27.50	17.00	467.50	TK 889422. 0	816611	
07/06/99	TONS (M99-1182) CONTAMINATED SOIL	.00	22.61	22.61	17.00	384.37	TK 889503. 0	816611	
07/06/99	TONS (M99-1182) CONTAMINATED SOIL	.00	20.31	20.31	17.00	345.27	TK 889504. 0	816611	
07/06/99	TONS (M99-1182) CONTAMINATED SOIL	.00	25.43	25.43	17.00	432.31	TK 892012. 0	816611	
07/06/99	TONS (M99-1182) CONTAMINATED SOIL	.00	21.83	21.83	17.00	371.11	TK 892013. 0	816611	
07/06/99	TONS (M99-1182) CONTAMINATED SOIL	.00	22.59	22.59	17.00	384.03	TK 896948. 0	816611	
07/07/99	TONS (M99-1182) CONTAMINATED SOIL	.00	22.59	22.59	17.00	384.03	TK 896949. 0	816611	
07/07/99	TONS (M99-1182) CONTAMINATED SOIL	.00	25.50	25.50	17.00	433.50	TK 888828. 0	816611	
07/07/99	TONS (M99-1182) CONTAMINATED SOIL	.00	21.18	21.18	17.00	360.06	TK 889364. 0	816611	

Commercial Ticket Review by Customer - W/O TAX cont'd on next page

Customer Range From: 8155.000 To: 8155.999 Date Range from: 04/01/99 To: 08/31/99

8155.001 BP AMERICA 3425 HYDE PARK BLVD FORMER CARBORUNDUM SITE
Niagara Falls

Trans Date	Service Description	Trans.	Quantity	Tonnage	Rate	Total Charges		Ticket #	Invoice Number	Trans. Count
07/07/99	TONS (M99-1182) CONTAMINATED SOIL	.00	19.55	19.55	17.00	332.35	TK	889365. 0	816611	
07/07/99	TONS (M99-1182) CONTAMINATED SOIL	.00	22.51	22.51	17.00	382.67	TK	889454. 0	816611	
07/07/99	TONS (M99-1182) CONTAMINATED SOIL	.00	26.27	26.27	17.00	446.59	TK	889505. 0	816611	
07/07/99	TONS (M99-1182) CONTAMINATED SOIL	.00	23.59	23.59	17.00	401.03	TK	895327. 0	816611	
07/07/99	TONS (M99-1182) CONTAMINATED SOIL	.00	26.53	26.53	17.00	451.01	TK	895901. 0	816611	
07/07/99	TONS (M99-1182) CONTAMINATED SOIL	.00	27.19	27.19	17.00	462.23	TK	895902. 0	816611	
07/07/99	TONS (M99-1182) CONTAMINATED SOIL	.00	29.54	29.54	17.00	502.18	TK	901633. 0	816611	
07/07/99	TONS (M99-1182) CONTAMINATED SOIL	.00	25.78	25.78	17.00	438.26	TK	901635. 0	816611	
07/07/99	TONS (M99-1182) CONTAMINATED SOIL	.00	23.91	23.91	17.00	406.47	TK	901636. 0	816611	
07/07/99	TONS (M99-1182) CONTAMINATED SOIL	.00	22.24	22.24	17.00	378.08	TK	901637. 0	816611	
07/07/99	TONS (M99-1182) CONTAMINATED SOIL	.00	22.78	22.78	17.00	387.26	TK	901647. 0	816611	
07/07/99	TONS (M99-1182) CONTAMINATED SOIL	.00	22.27	22.27	17.00	378.59	TK	901648. 0	816611	
07/07/99	TONS (M99-1182) CONTAMINATED SOIL	.00	23.65	23.65	17.00	402.05	TK	901649. 0	816611	
07/07/99	TONS (M99-1182) CONTAMINATED SOIL	.00	29.29	29.29	17.00	497.93	TK	901652. 0	816611	
07/07/99	TONS (M99-1182) CONTAMINATED SOIL	.00	24.52	24.52	17.00	416.84	TK	901657. 0	816611	
07/07/99	TONS (M99-1182) CONTAMINATED SOIL	.00	25.07	25.07	17.00	426.19	TK	901659. 0	816611	
07/07/99	TONS (M99-1182) CONTAMINATED SOIL	.00	29.83	29.83	17.00	507.11	TK	901662. 0	816611	
07/07/99	TONS (M99-1182) CONTAMINATED SOIL	.00	25.77	25.77	17.00	438.09	TK	901663. 0	816611	
07/07/99	TONS (M99-1182) CONTAMINATED SOIL	.00	25.22	25.22	17.00	428.74	TK	901733. 0	816611	
07/07/99	TONS (M99-1182) CONTAMINATED SOIL	.00	25.68	25.68	17.00	436.56	TK	901778. 0	816611	
07/07/99	TONS (M99-1182) CONTAMINATED SOIL	.00	25.02	25.02	17.00	425.34	TK	901781. 0	816611	
07/07/99	TONS (M99-1182) CONTAMINATED SOIL	.00	27.73	27.73	17.00	471.41	TK	901783. 0	816611	
07/07/99	TONS (M99-1182) CONTAMINATED SOIL	.00	25.24	25.24	17.00	429.08	TK	901784. 0	816611	
07/07/99	TONS (M99-1182) CONTAMINATED SOIL	.00	23.82	23.82	17.00	404.94	TK	901785. 0	816611	
07/07/99	TONS (M99-1182) CONTAMINATED SOIL	.00	26.99	26.99	17.00	458.83	TK	901786. 0	816611	
07/07/99	TONS (M99-1182) CONTAMINATED SOIL	.00	25.76	25.76	17.00	437.92	TK	901789. 0	816611	
07/07/99	TONS (M99-1182) CONTAMINATED SOIL	.00	23.49	23.49	17.00	399.33	TK	901790. 0	816611	
07/07/99	TONS (M99-1182) CONTAMINATED SOIL	.00	22.88	22.88	17.00	388.96	TK	901795. 0	816611	
07/07/99	TONS (M99-1182) CONTAMINATED SOIL	.00	26.95	26.95	17.00	458.15	TK	901797. 0	816611	
07/07/99	TONS (M99-1182) CONTAMINATED SOIL	.00	29.74	29.74	17.00	505.58	TK	901798. 0	816611	
07/07/99	TONS (M99-1182) CONTAMINATED SOIL	.00	24.26	24.26	17.00	412.42	TK	901799. 0	816611	
07/07/99	TONS (M99-1182) CONTAMINATED SOIL	.00	26.91	26.91	17.00	457.47	TK	901800. 0	816611	
07/07/99	TONS (M99-1182) CONTAMINATED SOIL	.00	19.39	19.39	17.00	329.63	TK	901933. 0	816611	
07/08/99	TONS (M99-1182) CONTAMINATED SOIL	.00	19.58	19.58	17.00	332.86	TK	901936. 0	816611	
07/08/99	TONS (M99-1182) CONTAMINATED SOIL	.00	23.19	23.19	17.00	394.23	TK	889356. 0	816611	
07/08/99	TONS (M99-1182) CONTAMINATED SOIL	.00	27.28	27.28	17.00	463.76	TK	889446. 0	816611	
07/08/99	TONS (M99-1182) CONTAMINATED SOIL	.00	19.86	19.86	17.00	337.62	TK	889447. 0	816611	
07/08/99	TONS (M99-1182) CONTAMINATED SOIL	.00	21.36	21.36	17.00	363.12	TK	892672. 0	816611	
07/08/99	TONS (M99-1182) CONTAMINATED SOIL	.00	18.83	18.83	17.00	320.11	TK	892673. 0	816611	
07/08/99	TONS (M99-1182) CONTAMINATED SOIL	.00	23.05	23.05	17.00	391.85	TK	893258. 0	816611	
07/08/99	TONS (M99-1182) CONTAMINATED SOIL	.00	23.29	23.29	17.00	395.93	TK	893259. 0	816611	
07/08/99	TONS (M99-1182) CONTAMINATED SOIL	.00	30.74	30.74	17.00	522.58	TK	893260. 0	816611	
07/08/99	TONS (M99-1182) CONTAMINATED SOIL	.00	24.21	24.21	17.00	411.57	TK	895300. 0	816611	
07/08/99	TONS (M99-1182) CONTAMINATED SOIL	.00	23.74	23.74	17.00	403.58	TK	895322. 0	816611	
07/08/99	TONS (M99-1182) CONTAMINATED SOIL	.00	22.14	22.14	17.00	376.38	TK	895324. 0	816611	
07/08/99	TONS (M99-1182) CONTAMINATED SOIL	.00	20.47	20.47	17.00	347.99	TK	895325. 0	816611	
07/08/99	TONS (M99-1182) CONTAMINATED SOIL	.00	25.15	25.15	17.00	427.55	TK	895326. 0	816611	

Commercial Ticket Review by Customer - W/O TAX cont'd on next page

Customer Range From : 8155.000 To: 8155.999 Date Range from: 04/01/99 To: 08/31/99

8155.001 DP AMERICA 3425 HYDE PARK BLVD FORMER CARBORUNDUM SITE
Niagara Falls

Trans Date	Service Description	Trans.	Quantity	Tonnage	Rate	Total Charges	Ticket #	Invoice Number	Trans. Count
07/08/99	TONS (M99-1182) CONTAMINATED SOIL	.00	23.58	23.58	17.00	400.86	TK 895328. 0	816611	
07/08/99	TONS (M99-1182) CONTAMINATED SOIL	.00	26.17	26.17	17.00	444.89	TK 895338. 0	816611	
07/08/99	TONS (M99-1182) CONTAMINATED SOIL	.00	28.03	28.03	17.00	476.51	TK 895339. 0	816611	
07/08/99	TONS (M99-1182) CONTAMINATED SOIL	.00	24.89	24.89	17.00	423.13	TK 895341. 0	816611	
07/08/99	TONS (M99-1182) CONTAMINATED SOIL	.00	26.47	26.47	17.00	449.99	TK 895903. 0	816611	
07/08/99	TONS (M99-1182) CONTAMINATED SOIL	.00	26.56	26.56	17.00	451.52	TK 896950. 0	816611	
07/08/99	TONS (M99-1182) CONTAMINATED SOIL	.00	22.82	22.82	17.00	387.94	TK 896951. 0	816611	
07/08/99	TONS (M99-1182) CONTAMINATED SOIL	.00	25.78	25.78	17.00	438.26	TK 901640. 0	816611	
07/08/99	TONS (M99-1182) CONTAMINATED SOIL	.00	23.45	23.45	17.00	398.65	TK 901642. 0	816611	
07/08/99	TONS (M99-1182) CONTAMINATED SOIL	.00	25.99	25.99	17.00	441.83	TK 901644. 0	816611	
07/08/99	TONS (M99-1182) CONTAMINATED SOIL	.00	24.40	24.40	17.00	414.80	TK 901646. 0	816611	
07/08/99	TONS (M99-1182) CONTAMINATED SOIL	.00	24.47	24.47	17.00	415.99	TK 901787. 0	816611	
07/08/99	TONS (M99-1182) CONTAMINATED SOIL	.00	18.97	18.97	17.00	322.49	TK 901792. 0	816611	
07/08/99	TONS (M99-1182) CONTAMINATED SOIL	.00	23.55	23.55	17.00	400.35	TK 903552. 0	816611	
07/08/99	TONS (M99-1182) CONTAMINATED SOIL	.00	25.02	25.02	17.00	425.34	TK 903553. 0	816611	
07/08/99	TONS (M99-1182) CONTAMINATED SOIL	.00	24.50	24.50	17.00	416.50	TK 903554. 0	816611	
07/08/99	TONS (M99-1182) CONTAMINATED SOIL	.00	25.27	25.27	17.00	429.59	TK 903615. 0	816611	
07/08/99	TONS (M99-1182) CONTAMINATED SOIL	.00	24.62	24.62	17.00	418.54	TK 903616. 0	816611	
07/08/99	TONS (M99-1182) CONTAMINATED SOIL	.00	24.23	24.23	17.00	411.91	TK 903617. 0	816611	
07/08/99	TONS (M99-1182) CONTAMINATED SOIL	.00	26.13	26.13	17.00	444.21	TK 903618. 0	816611	
07/08/99	TONS (M99-1182) CONTAMINATED SOIL	.00	25.05	25.05	17.00	425.85	TK 903801. 0	816611	
07/08/99	TONS (M99-1182) CONTAMINATED SOIL	.00	28.33	28.33	17.00	481.61	TK 903811. 0	816611	
07/08/99	TONS (M99-1182) CONTAMINATED SOIL	.00	25.26	25.26	17.00	429.42	TK 903822. 0	816611	
07/08/99	TONS (M99-1182) CONTAMINATED SOIL	.00	25.54	25.54	17.00	434.18	TK 903826. 0	816611	
07/08/99	TONS (M99-1182) CONTAMINATED SOIL	.00	21.38	21.38	17.00	363.46	TK 903834. 0	816611	
07/08/99	TONS (M99-1182) CONTAMINATED SOIL	.00	18.25	18.25	17.00	310.25	TK 903836. 0	816611	
07/08/99	TONS (M99-1182) CONTAMINATED SOIL	.00	30.53	30.53	17.00	519.01	TK 903844. 0	816611	
07/08/99	TONS (M99-1182) CONTAMINATED SOIL	.00	26.86	26.86	17.00	456.62	TK 903845. 0	816611	
07/08/99	TONS (M99-1182) CONTAMINATED SOIL	.00	25.07	25.07	17.00	426.19	TK 903852. 0	816611	
07/08/99	TONS (M99-1182) CONTAMINATED SOIL	.00	31.39	31.39	17.00	533.63	TK 903866. 0	816611	
07/08/99	TONS (M99-1182) CONTAMINATED SOIL	.00	29.78	29.78	17.00	506.26	TK 903871. 0	816611	
07/08/99	TONS (M99-1182) CONTAMINATED SOIL	.00	30.07	30.07	17.00	511.19	TK 903873. 0	816611	
07/08/99	TONS (M99-1182) CONTAMINATED SOIL	.00	24.54	24.54	17.00	417.18	TK 903875. 0	816611	
07/08/99	TONS (M99-1182) CONTAMINATED SOIL	.00	26.52	26.52	17.00	450.84	TK 903877. 0	816611	
07/08/99	TONS (M99-1182) CONTAMINATED SOIL	.00	25.95	25.95	17.00	441.15	TK 903878. 0	816611	
07/09/99	TONS (M99-1182) CONTAMINATED SOIL	.00	29.46	29.46	17.00	500.82	TK 904058. 0	816611	
07/09/99	TONS (M99-1182) CONTAMINATED SOIL	.00	23.63	23.63	17.00	401.71	TK 889510. 0	816611	
07/09/99	TONS (M99-1182) CONTAMINATED SOIL	.00	24.54	24.54	17.00	417.18	TK 893257. 0	816611	
07/09/99	TONS (M99-1182) CONTAMINATED SOIL	.00	25.62	25.62	17.00	435.54	TK 901621. 0	816611	
07/09/99	TONS (M99-1182) CONTAMINATED SOIL	.00	28.13	28.13	17.00	478.21	TK 901622. 0	816611	
07/09/99	TONS (M99-1182) CONTAMINATED SOIL	.00	22.06	22.06	17.00	375.02	TK 903832. 0	816611	
07/09/99	TONS (M99-1182) CONTAMINATED SOIL	.00	22.03	22.03	17.00	374.51	TK 903838. 0	816611	
07/09/99	TONS (M99-1182) CONTAMINATED SOIL	.00	20.34	20.34	17.00	345.78	TK 903840. 0	816611	
07/09/99	TONS (M99-1182) CONTAMINATED SOIL	.00	22.93	22.93	17.00	389.81	TK 903842. 0	816611	
07/09/99	TONS (M99-1182) CONTAMINATED SOIL	.00	22.23	22.23	17.00	377.91	TK 903843. 0	816611	
07/09/99	TONS (M99-1182) CONTAMINATED SOIL	.00	27.39	27.39	17.00	465.63	TK 903847. 0	816611	
07/09/99	TONS (M99-1182) CONTAMINATED SOIL	.00	28.74	28.74	17.00	488.58	TK 903849. 0	816611	

Commercial Ticket Review by Customer - W/O TAX cont'd on next page

Customer Range From: 8155.000 To: 8155.999 Date Range From: 04/01/99 To: 08/31/99

8155.001 BP AMERICA 3425 HYDE PARK BLVD FORMER CARBORUNDUM SITE
Niagara Falls

Trans Date	Service Description	Trans.	Quantity	Tonnage	Rate	Total Charges		Ticket #	Invoice Number	Trans. Count
07/12/99	TONS (M99-1182) CONTAMINATED SOIL	.00	22.67	22.67	17.00	385.39	TK	904812. 0	816611	
07/12/99	TONS (M99-1182) CONTAMINATED SOIL	.00	21.57	21.57	17.00	366.69	TK	904813. 0	816611	
07/12/99	TONS (M99-1182) CONTAMINATED SOIL	.00	26.38	26.38	17.00	448.46	TK	904818. 0	816611	
07/12/99	TONS (M99-1182) CONTAMINATED SOIL	.00	27.77	27.77	17.00	472.09	TK	904819. 0	816611	
07/12/99	TONS (M99-1182) CONTAMINATED SOIL	.00	28.26	28.26	17.00	480.42	TK	904820. 0	816611	
07/12/99	TONS (M99-1182) CONTAMINATED SOIL	.00	23.86	23.86	17.00	405.62	TK	904822. 0	816611	
07/12/99	TONS (M99-1182) CONTAMINATED SOIL	.00	27.41	27.41	17.00	465.97	TK	904823. 0	816611	
07/12/99	TONS (M99-1182) CONTAMINATED SOIL	.00	24.84	24.84	17.00	422.28	TK	904824. 0	816611	
07/12/99	TONS (M99-1182) CONTAMINATED SOIL	.00	27.48	27.48	17.00	467.16	TK	904826. 0	816611	
07/12/99	TONS (M99-1182) CONTAMINATED SOIL	.00	27.54	27.54	17.00	468.18	TK	904827. 0	816611	
07/12/99	TONS (M99-1182) CONTAMINATED SOIL	.00	23.48	23.48	17.00	399.16	TK	904829. 0	816611	
07/12/99	TONS (M99-1182) CONTAMINATED SOIL	.00	20.90	20.90	17.00	355.30	TK	904965. 0	816611	
07/12/99	TONS (M99-1182) CONTAMINATED SOIL	.00	25.17	25.17	17.00	427.89	TK	904966. 0	816611	
07/12/99	TONS (M99-1182) CONTAMINATED SOIL	.00	28.17	28.17	17.00	478.89	TK	904971. 0	816611	
07/12/99	TONS (M99-1182) CONTAMINATED SOIL	.00	23.10	23.10	17.00	392.70	TK	905246. 0	816611	
07/12/99	TONS (M99-1182) CONTAMINATED SOIL	.00	28.88	28.88	17.00	490.96	TK	905311. 0	816611	
07/12/99	TONS (M99-1182) CONTAMINATED SOIL	.00	31.32	31.32	17.00	532.44	TK	905312. 0	816611	
07/12/99	TONS (M99-1182) CONTAMINATED SOIL	.00	26.71	26.71	17.00	454.07	TK	905331. 0	816611	
07/12/99	TONS (M99-1182) CONTAMINATED SOIL	.00	20.24	20.24	17.00	344.08	TK	905385. 0	816611	
07/13/99	TONS (M99-1182) CONTAMINATED SOIL	.00	24.78	24.78	17.00	421.26	TK	905388. 0	816611	
07/13/99	TONS (M99-1182) CONTAMINATED SOIL	.00	27.92	27.92	17.00	474.64	TK	904809. 0	816611	
07/13/99	TONS (M99-1182) CONTAMINATED SOIL	.00	30.47	30.47	17.00	517.99	TK	905576. 0	816611	
07/13/99	TONS (M99-1182) CONTAMINATED SOIL	.00	32.04	32.04	17.00	544.68	TK	905578. 0	816611	
07/13/99	TONS (M99-1182) CONTAMINATED SOIL	.00	28.36	28.36	17.00	482.12	TK	905579. 0	816611	
07/13/99	TONS (M99-1182) CONTAMINATED SOIL	.00	29.79	29.79	17.00	506.43	TK	905580. 0	816611	
07/13/99	TONS (M99-1182) CONTAMINATED SOIL	.00	25.47	25.47	17.00	432.99	TK	905581. 0	816611	
07/13/99	TONS (M99-1182) CONTAMINATED SOIL	.00	25.22	25.22	17.00	428.74	TK	905583. 0	816611	
07/13/99	TONS (M99-1182) CONTAMINATED SOIL	.00	27.84	27.84	17.00	473.28	TK	905584. 0	816611	
07/13/99	TONS (M99-1182) CONTAMINATED SOIL	.00	25.45	25.45	17.00	432.65	TK	905587. 0	816611	
07/13/99	TONS (M99-1182) CONTAMINATED SOIL	.00	26.98	26.98	17.00	458.66	TK	905588. 0	816611	
07/13/99	TONS (M99-1182) CONTAMINATED SOIL	.00	24.19	24.19	17.00	411.23	TK	905746. 0	816611	
07/13/99	TONS (M99-1182) CONTAMINATED SOIL	.00	28.17	28.17	17.00	478.89	TK	905747. 0	816611	
07/13/99	TONS (M99-1182) CONTAMINATED SOIL	.00	20.61	20.61	17.00	350.37	TK	905748. 0	816611	
07/13/99	TONS (M99-1182) CONTAMINATED SOIL	.00	25.31	25.31	17.00	430.27	TK	905787. 0	816611	
07/13/99	TONS (M99-1182) CONTAMINATED SOIL	.00	26.86	26.86	17.00	456.62	TK	905790. 0	816611	
07/13/99	TONS (M99-1182) CONTAMINATED SOIL	.00	22.50	22.50	17.00	382.50	TK	905803. 0	816611	
07/13/99	TONS (M99-1182) CONTAMINATED SOIL	.00	23.63	23.63	17.00	401.71	TK	905806. 0	816611	
07/13/99	TONS (M99-1182) CONTAMINATED SOIL	.00	25.48	25.48	17.00	433.16	TK	905810. 0	816611	
07/13/99	TONS (M99-1182) CONTAMINATED SOIL	.00	24.38	24.38	17.00	414.46	TK	906005. 0	816611	
07/13/99	TONS (M99-1182) CONTAMINATED SOIL	.00	31.97	31.97	17.00	543.49	TK	906011. 0	816611	
07/13/99	TONS (M99-1182) CONTAMINATED SOIL	.00	26.75	26.75	17.00	454.75	TK	906013. 0	816611	
07/13/99	TONS (M99-1182) CONTAMINATED SOIL	.00	30.46	30.46	17.00	517.82	TK	906015. 0	816611	
07/13/99	TONS (M99-1182) CONTAMINATED SOIL	.00	25.16	25.16	17.00	427.72	TK	906125. 0	816611	
07/13/99	TONS (M99-1182) CONTAMINATED SOIL	.00	24.90	24.90	17.00	423.30	TK	906126. 0	816611	
07/13/99	TONS (M99-1182) CONTAMINATED SOIL	.00	27.39	27.39	17.00	465.63	TK	906129. 0	816611	
07/13/99	TONS (M99-1182) CONTAMINATED SOIL	.00	24.76	24.76	17.00	420.92	TK	906130. 0	816611	
07/13/99	TONS (M99-1182) CONTAMINATED SOIL	.00	27.08	27.08	17.00	460.36	TK	906186. 0	816611	

Commercial Ticket Review by Customer - W/O TAX cont'd on next page

Customer Range From : 8155.000 To: 8155.999 Date Range From: 04/01/99 To: 08/31/99

8155.001 BP AMERICA 3425 HYDE PARK BLVD FORMER CARBORUNDUM SITE
Niagara Falls

Trans Date	Service Description	Trans.	Quantity	Tonnage	Rate	Total Charges		Ticket #	Invoice Number	Trans. Count
07/14/99	TONS (M99-1182) CONTAMINATED SOIL	.00	26.59	26.59	17.00	452.03	TK	894587. 0	816611	
07/14/99	TONS (M99-1182) CONTAMINATED SOIL	.00	23.96	23.96	97.00	2,324.12	TK	895776. 0	816611	
07/14/99	TONS (M99-1182) CONTAMINATED SOIL	.00	24.24	24.24	17.00	412.08	TK	903578. 0	816611	
07/14/99	TONS (M99-1182) CONTAMINATED SOIL	.00	26.02	26.02	17.00	442.34	TK	906311. 0	816611	
07/14/99	TONS (M99-1182) CONTAMINATED SOIL	.00	26.02	26.02	17.00	442.34	TK	906315. 0	816611	
07/14/99	TONS (M99-1182) CONTAMINATED SOIL	.00	18.83	18.83	17.00	320.11	TK	906316. 0	816611	
07/14/99	TONS (M99-1182) CONTAMINATED SOIL	.00	21.03	21.03	17.00	357.51	TK	906318. 0	816611	
07/14/99	TONS (M99-1182) CONTAMINATED SOIL	.00	23.52	23.52	17.00	399.84	TK	906321. 0	816611	
07/14/99	TONS (M99-1182) CONTAMINATED SOIL	.00	29.39	29.39	17.00	499.63	TK	906322. 0	816611	
07/14/99	TONS (M99-1182) CONTAMINATED SOIL	.00	21.34	21.34	17.00	362.78	TK	906324. 0	816611	
07/14/99	TONS (M99-1182) CONTAMINATED SOIL	.00	31.46	31.46	17.00	534.82	TK	906325. 0	816611	
07/14/99	TONS (M99-1182) CONTAMINATED SOIL	.00	19.86	19.86	17.00	337.62	TK	906472. 0	816611	
07/14/99	TONS (M99-1182) CONTAMINATED SOIL	.00	24.24	24.24	17.00	412.08	TK	906474. 0	816611	
07/14/99	TONS (M99-1182) CONTAMINATED SOIL	.00	25.30	25.30	17.00	430.10	TK	906483. 0	816611	
07/14/99	TONS (M99-1182) CONTAMINATED SOIL	.00	28.77	28.77	17.00	489.09	TK	906544. 0	816611	
07/14/99	TONS (M99-1182) CONTAMINATED SOIL	.00	21.71	21.71	17.00	369.07	TK	906545. 0	816611	
07/14/99	TONS (M99-1182) CONTAMINATED SOIL	.00	24.26	24.26	17.00	412.42	TK	906554. 0	816611	
07/14/99	TONS (M99-1182) CONTAMINATED SOIL	.00	21.96	21.96	17.00	373.32	TK	906574. 0	816611	
07/14/99	TONS (M99-1182) CONTAMINATED SOIL	.00	20.47	20.47	17.00	347.99	TK	906575. 0	816611	
07/14/99	TONS (M99-1182) CONTAMINATED SOIL	.00	19.80	19.80	17.00	336.60	TK	906577. 0	816611	
07/14/99	TONS (M99-1182) CONTAMINATED SOIL	.00	27.06	27.06	17.00	460.02	TK	906580. 0	816611	
07/14/99	TONS (M99-1182) CONTAMINATED SOIL	.00	24.40	24.40	17.00	414.80	TK	906583. 0	816611	
07/14/99	TONS (M99-1182) CONTAMINATED SOIL	.00	28.93	28.93	17.00	491.81	TK	906584. 0	816611	
07/14/99	TONS (M99-1182) CONTAMINATED SOIL	.00	29.60	29.60	17.00	503.20	TK	906586. 0	816611	
07/14/99	TONS (M99-1182) CONTAMINATED SOIL	.00	21.23	21.23	17.00	360.91	TK	906587. 0	816611	
07/15/99	TONS (M99-1182) CONTAMINATED SOIL	.00	21.79	21.79	17.00	370.43	TK	906831. 0	816611	
07/15/99	TONS (M99-1182) CONTAMINATED SOIL	.00	20.95	20.95	17.00	356.15	TK	906128. 0	816611	
07/15/99	TONS (M99-1182) CONTAMINATED SOIL	.00	23.31	23.31	17.00	396.27	TK	906482. 0	816611	
07/15/99	TONS (M99-1182) CONTAMINATED SOIL	.00	28.40	28.40	17.00	482.80	TK	906996. 0	816611	
07/15/99	TONS (M99-1182) CONTAMINATED SOIL	.00	24.24	24.24	17.00	412.08	TK	906998. 0	816611	
07/15/99	TONS (M99-1182) CONTAMINATED SOIL	.00	27.20	27.20	17.00	462.40	TK	907001. 0	816611	
07/15/99	TONS (M99-1182) CONTAMINATED SOIL	.00	23.83	23.83	17.00	405.11	TK	907004. 0	816611	
07/15/99	TONS (M99-1182) CONTAMINATED SOIL	.00	20.49	20.49	17.00	348.33	TK	907006. 0	816611	
07/15/99	TONS (M99-1182) CONTAMINATED SOIL	.00	22.75	22.75	17.00	386.75	TK	907009. 0	816611	
07/15/99	TONS (M99-1182) CONTAMINATED SOIL	.00	28.14	28.14	17.00	478.38	TK	907010. 0	816611	
07/15/99	TONS (M99-1182) CONTAMINATED SOIL	.00	22.41	22.41	17.00	380.97	TK	907014. 0	816611	
07/15/99	TONS (M99-1182) CONTAMINATED SOIL	.00	26.32	26.32	17.00	447.44	TK	907015. 0	816611	
07/15/99	TONS (M99-1182) CONTAMINATED SOIL	.00	21.26	21.26	17.00	361.42	TK	907309. 0	816611	
07/15/99	TONS (M99-1182) CONTAMINATED SOIL	.00	20.46	20.46	17.00	347.82	TK	907310. 0	816611	
07/15/99	TONS (M99-1182) CONTAMINATED SOIL	.00	18.64	18.64	17.00	316.88	TK	907311. 0	816611	
07/15/99	TONS (M99-1182) CONTAMINATED SOIL	.00	19.28	19.28	17.00	327.76	TK	907312. 0	816611	
07/15/99	TONS (M99-1182) CONTAMINATED SOIL	.00	22.04	22.04	17.00	374.68	TK	907343. 0	816611	
07/15/99	TONS (M99-1182) CONTAMINATED SOIL	.00	19.75	19.75	17.00	335.75	TK	907344. 0	816611	
07/15/99	TONS (M99-1182) CONTAMINATED SOIL	.00	22.67	22.67	17.00	385.39	TK	907357. 0	816611	
07/15/99	TONS (M99-1182) CONTAMINATED SOIL	.00	25.77	25.77	17.00	438.09	TK	907358. 0	816611	
07/15/99	TONS (M99-1182) CONTAMINATED SOIL	.00	22.69	22.69	17.00	385.73	TK	907436. 0	816611	
07/15/99	TONS (M99-1182) CONTAMINATED SOIL	.00	21.16	21.16	17.00	359.72	TK	907437. 0	816611	

Commercial Ticket Review by Customer - W/O TAX cont'd on next page

Customer Range From : 8155.000 To: 8155.999 Date Range From: 04/01/99 To: 08/31/99

8155.001 DP AMERICA 3425 HYDE PARK BLVD FORMER CARBORUNDUM SITE
Niagara Falls

Trans Date	Service Description	Trans.	Quantity	Tonnage	Rate	Total Charges		Ticket #	Invoice Number	Trans. Count
07/15/99	TONS (M99-1182) CONTAMINATED SOIL	.00	25.68	25.68	17.00	436.56	TK	907482. 0	816611	
07/16/99	TONS (M99-1182) CONTAMINATED SOIL	.00	19.90	19.90	17.00	338.30	TK	904593. 0	816611	
07/16/99	TONS (M99-1182) CONTAMINATED SOIL	.00	19.43	19.43	17.00	330.31	TK	907017. 0	816611	
07/16/99	TONS (M99-1182) CONTAMINATED SOIL	.00	20.55	20.55	17.00	349.35	TK	907019. 0	816611	
07/16/99	TONS (M99-1182) CONTAMINATED SOIL	.00	25.06	25.06	17.00	426.02	TK	907918. 0	816611	
07/19/99	TONS (M99-1182) CONTAMINATED SOIL	.00	20.30	20.30	17.00	345.10	TK	907919. 0	816611	
07/19/99	TONS (M99-1182) CONTAMINATED SOIL	.00	20.28	20.28	17.00	344.76	TK	908440. 0	816611	
07/19/99	TONS (M99-1182) CONTAMINATED SOIL	.00	19.27	19.27	17.00	327.59	TK	908441. 0	816611	
07/19/99	TONS (M99-1182) CONTAMINATED SOIL	.00	20.77	20.77	17.00	353.09	TK	908603. 0	816611	
07/19/99	TONS (M99-1182) CONTAMINATED SOIL	.00	19.99	19.99	17.00	339.83	TK	908604. 0	816611	
07/19/99	TONS (M99-1182) CONTAMINATED SOIL	.00	23.06	23.06	17.00	392.02	TK	908605. 0	816611	
07/19/99	TONS (M99-1182) CONTAMINATED SOIL	.00	24.96	24.96	17.00	424.32	TK	908828. 0	816611	
07/20/99	TONS (M99-1182) CONTAMINATED SOIL	.00	21.25	21.25	17.00	361.25	TK	903799. 0	816611	
07/20/99	TONS (M99-1182) CONTAMINATED SOIL	.00	21.59	21.59	17.00	367.03	TK	904806. 0	816611	
07/20/99	TONS (M99-1182) CONTAMINATED SOIL	.00	22.39	22.39	17.00	380.63	TK	904808. 0	816611	
07/20/99	TONS (M99-1182) CONTAMINATED SOIL	.00	29.89	29.89	17.00	508.13	TK	907013. 0	816611	
07/20/99	TONS (M99-1182) CONTAMINATED SOIL	.00	21.85	21.85	17.00	371.45	TK	908830. 0	816611	
07/20/99	TONS (M99-1182) CONTAMINATED SOIL	.00	24.41	24.41	17.00	414.97	TK	908832. 0	816611	
07/20/99	TONS (M99-1182) CONTAMINATED SOIL	.00	18.90	18.90	17.00	321.30	TK	909118. 0	816611	
07/20/99	TONS (M99-1182) CONTAMINATED SOIL	.00	18.66	18.66	17.00	317.22	TK	909121. 0	816611	
07/20/99	TONS (M99-1182) CONTAMINATED SOIL	.00	21.19	21.19	17.00	360.23	TK	909123. 0	816611	
07/20/99	TONS (M99-1182) CONTAMINATED SOIL	.00	19.95	19.95	17.00	339.15	TK	909124. 0	816611	
07/21/99	TONS (M99-1182) CONTAMINATED SOIL	.00	24.82	24.82	17.00	421.94	TK	909451. 0	816611	
07/21/99	TONS (M99-1182) CONTAMINATED SOIL	.00	21.19	21.19	17.00	360.23	TK	906834. 0	816611	
07/21/99	TONS (M99-1182) CONTAMINATED SOIL	.00	23.90	23.90	17.00	406.30	TK	906835. 0	816611	
07/21/99	TONS (M99-1182) CONTAMINATED SOIL	.00	24.69	24.69	17.00	419.73	TK	909453. 0	816611	
07/21/99	TONS (M99-1182) CONTAMINATED SOIL	.00	22.02	22.02	17.00	374.34	TK	909730. 0	816611	
07/21/99	TONS (M99-1182) CONTAMINATED SOIL	.00	28.89	28.89	17.00	491.13	TK	909731. 0	816611	
07/21/99	TONS (M99-1182) CONTAMINATED SOIL	.00	19.51	19.51	17.00	331.67	TK	909733. 0	816611	
07/21/99	TONS (M99-1182) CONTAMINATED SOIL	.00	26.24	26.24	17.00	446.08	TK	909734. 0	816611	
07/21/99	TONS (M99-1182) CONTAMINATED SOIL	.00	21.50	21.50	17.00	365.50	TK	909735. 0	816611	
07/21/99	TONS (M99-1182) CONTAMINATED SOIL	.00	17.65	17.65	17.00	300.05	TK	909782. 0	816611	
07/21/99	TONS (M99-1182) CONTAMINATED SOIL	.00	29.88	29.88	17.00	507.96	TK	909788. 0	816611	
07/21/99	TONS (M99-1182) CONTAMINATED SOIL	.00	29.99	29.99	17.00	509.83	TK	909790. 0	816611	
07/21/99	TONS (M99-1182) CONTAMINATED SOIL	.00	23.16	23.16	17.00	393.72	TK	909791. 0	816611	
07/21/99	TONS (M99-1182) CONTAMINATED SOIL	.00	23.16	23.16	17.00	393.72	TK	909792. 0	816611	
07/21/99	TONS (M99-1182) CONTAMINATED SOIL	.00	27.92	27.92	17.00	474.64	TK	909811. 0	816611	
07/21/99	TONS (M99-1182) CONTAMINATED SOIL	.00	22.13	22.13	17.00	376.21	TK	909812. 0	816611	
07/21/99	TONS (M99-1182) CONTAMINATED SOIL	.00	28.91	28.91	17.00	491.47	TK	909822. 0	816611	
07/21/99	TONS (M99-1182) CONTAMINATED SOIL	.00	.00	.00	17.00	.00	TK	909823. 0	825478	
07/21/99	TONS (M99-1182) CONTAMINATED SOIL	.00	26.23	26.23	17.00	445.91	TK	909825. 0	816611	
07/21/99	TONS (M99-1182) CONTAMINATED SOIL	.00	19.68	19.68	17.00	334.56	TK	909826. 0	816611	
07/22/99	TONS (M99-1182) CONTAMINATED SOIL	.00	6.68	6.68	17.00	113.56	TK	909361. 0	816611	
07/22/99	TONS (M99-1182) CONTAMINATED SOIL	.00	23.67	23.67	17.00	402.39	TK	909732. 0	816611	
07/22/99	TONS (M99-1182) CONTAMINATED SOIL	.00	26.54	26.54	17.00	451.18	TK	910238. 0	816611	
07/22/99	TONS (M99-1182) CONTAMINATED SOIL	.00	22.62	22.62	17.00	384.54	TK	910239. 0	816611	
07/22/99	TONS (M99-1182) CONTAMINATED SOIL	.00	21.94	21.94	17.00	372.98	TK	910461. 0	816611	

Commercial Ticket Review by Customer - W/O TAX cont'd on next page

Commercial Ticket Review by Customer - W/O TAX (rpt027) for: Modern Disposal Services,

Customer Range From : 8155.000 To: 8155.999 Date Range From: 04/01/99 To: 08/31/99

8155.001 BP AMERICA
Niagara Falls

3425 HYDE PARK BLVD

FORMER CARBORUNDUM SITE

Trans Date	Service Description	Trans.	Quantity	Tonnage	Rate	Total Charges	Ticket #	Invoice Number	Trans. Count
07/22/99	TONS (M99-1182) CONTAMINATED SOIL	.00	23.30	23.30	17.00	396.10	TK 910462. 0	816611	
07/22/99	TONS (M99-1182) CONTAMINATED SOIL	.00	26.14	26.14	17.00	444.38	TK 910463. 0	816611	
07/22/99	TONS (M99-1182) CONTAMINATED SOIL	.00	23.83	23.83	17.00	405.11	TK 910478. 0	816611	
07/22/99	TONS (M99-1182) CONTAMINATED SOIL	.00	21.27	21.27	17.00	361.59	TK 910545. 0	816611	
07/22/99	TONS (M99-1182) CONTAMINATED SOIL	.00	24.04	24.04	17.00	408.68	TK 910601. 0	816611	
07/22/99	TONS (M99-1182) CONTAMINATED SOIL	.00	28.20	28.20	17.00	479.40	TK 910603. 0	816611	
07/23/99	TONS (M99-1182) CONTAMINATED SOIL	.00	24.28	24.28	17.00	412.76	TK 910656. 0	816611	
07/23/99	TONS (M99-1182) CONTAMINATED SOIL	.00	21.83	21.83	17.00	371.11	TK 909728. 0	816611	
08/04/99	TONS (M99-1182) CONTAMINATED SOIL	.00	24.81	24.81	17.00	421.77	TK 909729. 0	816611	
08/04/99	TONS (M99-1182) CONTAMINATED SOIL	.00	21.94	21.94	17.00	372.98	TK 904814. 0	825478	
08/04/99	TONS (M99-1182) CONTAMINATED SOIL	.00	21.21	21.21	17.00	360.57	TK 906480. 0	825478	
08/04/99	TONS (M99-1182) CONTAMINATED SOIL	.00	26.12	26.12	17.00	444.04	TK 909784. 0	825478	
08/04/99	TONS (M99-1182) CONTAMINATED SOIL	.00	28.67	28.67	17.00	487.39	TK 917688. 0	825478	
08/04/99	TONS (M99-1182) CONTAMINATED SOIL	.00	27.05	27.05	17.00	459.85	TK 917689. 0	825478	
08/04/99	TONS (M99-1182) CONTAMINATED SOIL	.00	29.31	29.31	17.00	498.27	TK 917690. 0	825478	
08/04/99	TONS (M99-1182) CONTAMINATED SOIL	.00	33.30	33.30	17.00	566.10	TK 917691. 0	825478	
08/04/99	TONS (M99-1182) CONTAMINATED SOIL	.00	32.29	32.29	17.00	548.93	TK 917794. 0	825478	
08/04/99	TONS (M99-1182) CONTAMINATED SOIL	.00	23.44	23.44	17.00	398.48	TK 917795. 0	825478	
08/04/99	TONS (M99-1182) CONTAMINATED SOIL	.00	23.61	23.61	17.00	401.37	TK 917901. 0	825478	
08/04/99	TONS (M99-1182) CONTAMINATED SOIL	.00	28.10	28.10	17.00	477.70	TK 917903. 0	825478	
08/04/99	TONS (M99-1182) CONTAMINATED SOIL	.00	30.21	30.21	17.00	513.57	TK 918106. 0	825478	
08/04/99	TONS (M99-1182) CONTAMINATED SOIL	.00	27.23	27.23	17.00	462.91	TK 918108. 0	825478	
08/04/99	TONS (M99-1182) CONTAMINATED SOIL	.00	26.73	26.73	17.00	454.41	TK 918110. 0	825478	
		.00	[illegible]	33,435.38		570,681.38			1,414.

379.24

Appendix P

Tonnage Report of Soils Hauled to CWM Landfill

8155.001 BP AMERICA
Niagara Falls 3425 HYDE PARK BLVD FORMER CARBORUNDUM SITE

Trans Date	Service Description	Trans.	Quantity	Tonnage	Rate	Total Charges	Ticket #	Invoice Number	Trans. Count
07/09/99	tons (CJ4326 MDC) (lead) contaminated so	.00	16.95	16.95	138.21	2,342.66	TK 904211. 0	816611	
07/09/99	tons (CJ4326 MDC) (lead) contaminated so	.00	20.80	20.80	138.21	2,874.77	TK 904212. 0	816611	
07/09/99	tons (CJ4326 MDC) (lead) contaminated so	.00	20.80	20.80	138.21	2,874.77	TK 904213. 0	816611	
		.00	[redacted]	58.55		8,092.20			3.
06/22/99	tons (n99-1182) industrial waste	.00	14.46	14.46	41.50	600.09	TK 889258. 0	804295	
06/22/99	tons (n99-1182) industrial waste	.00	19.96	19.96	41.50	828.34	TK 889259. 0	804295	
06/29/99	tons (n99-1182) industrial waste	.00	13.18	13.18	41.50	546.97	TK 889369. 0	818741	
06/29/99	tons (n99-1182) industrial waste	.00	19.87	19.87	41.50	824.61	TK 893252. 0	818741	
07/13/99	tons (n99-1182) industrial waste	.00	27.82	27.82	41.50	1,154.53	TK 905795. 0	818741	
07/14/99	tons (n99-1182) industrial waste	.00	24.17	24.17	41.50	1,003.06	TK 905798. 0	818741	
07/29/99	tons (n99-1182) industrial waste	.00	20.16	20.16	41.50	836.64	TK 889293. 0	818741	
08/03/99	tons (n99-1182) industrial waste	.00	9.46	9.46	41.50	392.59	TK 915185. 0	818741	
08/04/99	tons (n99-1182) industrial waste	.00	9.88	9.88	41.50	410.02	TK 909401. 1	825478	
08/04/99	tons (n99-1182) industrial waste	.00	21.22	21.22	41.50	880.63	TK 918178. 0	825478	
		.00	16.44	16.44	41.50	682.26	TK 918343. 0	825478	
		.00	[redacted]	196.62		8,159.74			11.
		709,614.93	35,938.80	35,385.93		1,512,220.58			1,556.

Commercial Ticket Review by Customer - W/O TAX cont'd on next page

ROFILE MBER	RECEIVED DATE	NET WEIGHT (LBS)	MANIFEST #	RCV Receipt Number
J2758	5/25/99 27080	~~54160.00~~	NYB9121509	081504986
J2758	27080	~~54160.00~~	NYB9121536	081504986
J2758		28000.00	NYB9121518	081356758
		82,160		
	TOTAL	~~136320.00~~		
J2758	5/26/99	32540.00	NYB9121491	081505084
J2758	~~26,050~~	~~52100.00~~	NYB9121527	081505085
J2758	~~26,050~~	~~52100.00~~	NYB9121482	081505085
		84,640		
	TOTAL	~~136740.00~~		
J2758	5/27/99	39240.00	NYB9121455	081505193
J2758	38,200	~~76400.00~~	NYB9121464	081505214
J2758	38,200	~~76400.00~~	NYB9121473	081505214
		115640		
	TOTAL	~~192840.00~~		
J2758	5/28/99	35020.00	NYB9121446	081505290
J2758	37,250	~~74500.00~~	NYB9121428	081505312
J2758	37,250	~~74500.00~~	NYB9121437	081505312
		109520		
	TOTAL	~~184020.00~~		
J2758	6/01/99 40,130	~~36900.00~~	NYB9121392	081356764
J2758	40,130	~~36900.00~~	NYB9121419	081356764
J2758		36900.00	NYB9121401	081356766
		117,160		
	TOTAL	~~110700.00~~		
J2758	6/02/99 37,160	~~74320.00~~	NYB9121374	081505408
J2758	37,160	~~74320.00~~	NYB9121383	081505408
J2758		34580.00	NYB9121032	081505411
		108,900		
	TOTAL	~~183220.00~~		
J2758	6/04/99 32,280	~~64560.00~~	NYB9121041	081505597
J2758	32,280	~~64560.00~~	NYB9121059	081505597
J2758		33740.00	NYB9121068	081505604
		98,300		
	TOTAL	~~162860.00~~		
J2758	6/07/99 30,190	~~60380.00~~	NYB9121077	081356795
J2758	30,190	~~60380.00~~	NYB9121095	081356795
J2758		30940.00	NYB9121086	081356784
		91,320		
	TOTAL	~~151700.00~~		
J2758	6/08/99	32000.00	NYB9121122	081505724
J2758	31,980	~~63960.00~~	NYB9121104	081505737
J2758	31,980	~~63960.00~~	NYB9121113	081505737
		95,960		
	TOTAL	~~159920.00~~		
J2758	6/09/99 29,900	~~59800.00~~	NYB9121158	081505809
J2758	29,900	~~59800.00~~	NYB9121131	081505809
J2758		36560.00	NYB9121149	081505810
		96,360		

SETTLE NUMBER	RECEIVED DATE	NET WEIGHT (LBS)	MANIFEST #	RCV Receipt Number
	TOTAL	~~156160.00~~		
J2758	6/17/99	36940.00	NYB9121185	081356823
2758		29,030 ~~58060.00~~	NYB9121167	081356825
2758		29,030 ~~58060.00~~	NYB9121176	081356825
	TOTAL	95,000 ~~153060.00~~		
J2758	6/18/99	32,420 .00	NYB9121212	081506466
J2758		26,820 .00	NYB9121194	081506467
2758		26,820 .00	NYB9121203	081506467
	TOTAL	86,060 .00		
J 758	6/21/99	32440.00	NYB9121248	081506561
J2758		27,080 ~~54160.00~~	NYB9121221	081506576
J2758		27,080 54160.00	NYB9121239	081506576
	TOTAL	86600 ~~140760.00~~		
J 758	6/22/99	37680.00	NYB9121275	081356838
J 758		32,220 ~~64440.00~~	NYB9121257	081356835
J2758		32,220 ~~64440.00~~	NYB9121266	081356835
	TOTAL	102,120 ~~166560.00~~		
J2758	6/23/99	29,620 ~~59240.00~~	NYB9121293	081506759
J 758		29,620 ~~59240.00~~	NYB9121302	081506759
J 758		33580.00	NYB9121311	081506761
	TOTAL	92,820 ~~152060.00~~		
J2758	6/24/99	34,250 ~~68500.00~~	NYB9121329	081506849
J2758		34,250 ~~68500.00~~	NYB9121338	081506849
J 758		41940.00	NYB9121347	081506851
J 758		51400.00	NYB9121356	081506854
	TOTAL	161,840 ~~230340.00~~		
J2758	6/25/99	44600.00	NYB9135693	081506950
J2758		44320.00	NYB9135702	081506952
J 758		33,560 ~~67120.00~~	NYB9135684	081506954
J2758		33,560 ~~67120.00~~	NYB9135675	081506954
	TOTAL	156,040 ~~223160.00~~		
J2758	6/28/99	41600.00	NYB9135918	081507071
J2758		35,030 ~~70060.00~~	NYB9135891	081507073
J 758		35,030 ~~70060.00~~	NYB9135909	081507073
2758		55840.00	NYB9135927	081507076
	TOTAL	167,500 ~~237560.00~~		
J2758	6/29/99	39220.00	NYB9135873	081507188
J2758		60900.00	NYB9135882	081507190
J2758		36,150 ~~72300.00~~	NYB9135855	081507191
J2758		36,150 ~~72300.00~~	NYB9135864	081507191
		172,420		

ROFILE NUMBER	RECEIVED DATE	NET WEIGHT (LBS)	MANIFEST #	RCV Receipt Number
	TOTAL	~~245720.00~~		
J2758	6/30/99	38240.00	NYB9135837	081507281
J2758		57820.00	NYB9135846	081507282
J2758	32,320	~~64640.00~~	NYB9135819	081507302
J2758	32,320	~~64640.00~~	NYB9135828	081507302
	TOTAL	160,700 ~~225340.00~~		
J2758	7/02/99	53800.00	NYB9135801	081507492
J2758		39700.00	NYB9135792	081507494
J2758	32,450	~~64900.00~~	NYB9135783	081507495
J2758	32,450	~~64900.00~~	NYB9135774	081507495
	TOTAL	158,400 ~~223300.00~~		
J2758	7/06/99	39620.00	NYB9135756	081507578
J2758		43700.00	NYB9135765	081507579
J2758	32,220	~~64440.00~~	NYB9135747	081507580
J2758	32,220	~~64440.00~~	NYB9135738	081507580
	TOTAL	147,760 ~~212200.00~~		
J2758	7/08/99	.00	NYB9135729	081507750
J2758	no weight avail.	.00	NYB9135711	081507751
J2758		.00	NYB9121365	081507751
	TOTAL	.00		
	TOTAL	~~9782740.00~~ 2587220		

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FILE NUMBER	RECEIVED DATE	NET WEIGHT (LBS)	MANIFEST #	RCV Receipt Number
:J 758	7/08/99	41580.00	NYB9135729	081507750
:J2758	35,440	~~20880.00~~	NYB9135711	081507751
:J2758	35,440	~~20880.00~~	NYB9121365	081507751
	TOTAL	163460 ~~183340.00~~		
:J 758	7/09/99	37960.00	NYB9134802	081507833
:J 758	[illegible]	~~58680.00~~	NYB9134793	081507835
:J2758	[illegible]	~~58680.00~~	NYB9134784	081507835
	TOTAL	94480 ~~155320.00~~		
:J2758	7/13/99	43500.00	NYB9134559	081508021
:J 758		50240.00	NYB9134586	081508027
:J 758	29,760	~~59520.00~~	NYB9134568	081508029
:J2758	29,760	~~59520.00~~	NYB9134577	081508029
	TOTAL	153260 ~~212780.00~~		
:J2758	7/14/99	41380.00	NYB9134604	081508114
:J 758		75400.00	NYB9134595	081508117
	TOTAL	116780.00		
:J 758	7/15/99	67580.00	NYB9134622	813568969
:J2758		64460.00	NYB9134631	081356879
:J2758		42520.00	NYB9134613	081356871
	TOTAL	174560.00		
:J 758	7/16/99	71380.00	NYB9134685	081508238
:J 758		[illegible]	NYB9134676	081508240
:J2758		49220.00	NYB9134658	081508241
:J2758		68200.00	NYB9134667	081508243
:J 758		33240.00	NYB9134649	081508293
:J2758		62560.00	NYB9134712	081508317
:J2758		47460.00	NYB9134721	081508318
:J 758		71700.00	NYB9134694	081508320
:J 758		61540.00	NYB9134703	081508321
	TOTAL	528660.00		
	TOTAL	1371460.00		

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PROFILE NUMBER	RECEIVED DATE	NET WEIGHT (LBS)	MANIFEST #	RCV Receipt Number
CJ2758	7/19/99	42800.00	NYB9134766 ✓	081356943
CJ2758		70300.00	NYB9059346 ✓	081508356
CJ2758		ADD X 72100.00	NYB9059355 ✓	081508358
CJ2758		79340.00	NYB9134739 ✓	081356937
CJ2758		75600.00	NYB9134757 ✓	081356938
CJ2758		73360.00	NYB9134748 ✓	081356940
	TOTAL	[redacted]		
CJ2758	7/21/99	1100.00	NYB9059364 ✓	081508497
	TOTAL	[redacted]		
	TOTAL	414600.00		

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