Dunlop Split Sample Results

000011

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B555A4

Lab Name: RECRA ENVIRON Contract: C002989

Lab Code: RECNY Case No.: SH997 SAS No.: _____ SDG No.: 0424

Matrix: (soil/water) WATER Lab Sample ID: A7144101

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: J1277

Level: (low/med) LOW Date Received: 04/25/97

% Moisture: not dec. _____ Date Analyzed: 05/01/97

GC Column: DB-624 ID: 0.530 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____(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	U
75-15-0	Carbon Disulfide	10	U
75-35-4	1,1-Dichloroethene	10	U
75-34-3	1,1-Dichloroethane	10	U
540-59-0	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	10	U
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
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 Xylenes	10	U

1E

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

B555A4

Lab Name: RECRA ENVIRON Contract: C002989

Lab Code: RECNY Case No.: SH997 SAS No.: _____ SDG No.: 0424

Matrix: (soil/water) WATER Lab Sample ID: A7144101

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: J1277

Level: (low/med) LOW Date Received: 04/25/97

% Moisture: not dec. ____ Date Analyzed: 05/01/97

GC Column: DB-624 ID: 0.530 (mm) Dilution Factor: 1.0

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

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

1
INORGANIC ANALYSES DATA SHEET

NYSDEC SAMPLE NO.
B555A4

Lab Name: RECRA_LABNET_INC._____ Contract: C002989___

Lab Code: RECNY_ Case No.: SH997 SAS No.: _____ SDG No.: 0424__

Matrix (soil/water): WATER Lab Sample ID: AD705930

Level (low/med): LOW__ Date Received: 04/25/97

% Solids: __0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L_

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	3940		EN*	P
7440-36-0	Antimony	11.0	U		P
7440-38-2	Arsenic	6.1	U		P
7440-39-3	Barium	70.9	B	EN	P
7440-41-7	Beryllium	1.0	U		P
7440-43-9	Cadmium	1.0	U		P
7440-70-2	Calcium	356000		N	P
7440-47-3	Chromium	11.8			P
7440-48-4	Cobalt	6.1	B		P
7440-50-8	Copper	23.7	B		P
7439-89-6	Iron	6060		E	P
7439-92-1	Lead	3.2			P
7439-95-4	Magnesium	1380000		E	P
7439-96-5	Manganese	369			P
7439-97-6	Mercury	0.20	U		CV
7440-02-0	Nickel	36.4	B		P
7440-09-7	Potassium	24300			P
7782-49-2	Selenium	11.3		*	P
7440-22-4	Silver	4.3	U		P
7440-23-5	Sodium	489000		E	P
7440-28-0	Thallium	4.3	U		P
7440-62-2	Vanadium	8.1	B		P
7440-66-6	Zinc	107		E*	P
	Cyanide				NR

Color Before: COLORLESS Clarity Before: CLEAR_ Texture: _____

Color After: COLORLESS Clarity After: CLEAR_ Artifacts: ___

Comments:
LAB_SAMPLE_ID:_A7144101-SG000008_____

NYS DEC
Wet Chemistry Analysis

000029
Client Sample No.

B555A4

Name: Recra LabNet Contract: C002989

Lab Code: RECNY Case No.: SH997 SAS No.: _____ SDG No.: 0424

Matrix (soil/water): WATER Lab Sample ID: A7144101

% Solids: 0.0 Date Samp/Recv: 04/25/97 04/25/97

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Chloride	MG/L	128				325.2	05/07/97
Sulfate	MG/L	7560				375.4	05/01/97
Total Alkalinity	MG/L	802				310.1	05/01/97
Total Hardness	MG/L	6730				130.2	05/05/97

Comments:

1

INORGANIC ANALYSES DATA SHEET

NYSDEC SAMPLE NO.

B555A6

Lab Name: RECRA_LABNET_INC._____ Contract: C002989___

Lab Code: RECNY_ Case No.: SH997 SAS No.: _____ SDG No.: 0424__

Matrix (soil/water): WATER Lab Sample ID: AD705933

Level (low/med): LOW__ Date Received: 04/25/97

% Solids: __0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L_

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum_				NR
7440-36-0	Antimony_				NR
7440-38-2	Arsenic__				NR
7440-39-3	Barium___				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium__				NR
7440-70-2	Calcium__	55100_		N	P_
7440-47-3	Chromium_				NR
7440-48-4	Cobalt___				NR
7440-50-8	Copper___				NR
7439-89-6	Iron_____				NR
7439-92-1	Lead_____				NR
7439-95-4	Magnesium	112000_		E	P_
7439-96-5	Manganese				NR
7439-97-6	Mercury__				NR
7440-02-0	Nickel___				NR
7440-09-7	Potassium	4070_	B		P_
7782-49-2	Selenium_				NR
7440-22-4	Silver___				NR
7440-23-5	Sodium___	30500_		E	P_
7440-28-0	Thallium_				NR
7440-62-2	Vanadium_				NR
7440-66-6	Zinc_____				NR
_____	Cyanide__				NR
_____	_____				__

Color Before: COLORLESS Clarity Before: CLEAR_ Texture: _____

Color After: COLORLESS Clarity After: CLEAR_ Artifacts: ___

Comments:

LAB_SAMPLE_ID:_A7144102-CGA00154_____

NYS DEC
Wet Chemistry Analysis

000030

Client Sample No.

B555A6

Lab Name: Recra LabNet Contract: C002989

Lab Code: RECNY Case No.: SH997 SAS No.: _____ SDG No.: 0424

Matrix (soil/water): WATER Lab Sample ID: A7144102

% Solids: 0.0 Date Samp/Recv: 04/25/97 04/25/97

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Chloride	MG/L	88.1				325.2	05/07/97
Sulfate	MG/L	85.2				375.4	05/01/97
Total Alkalinity	MG/L	493				310.1	05/01/97
Total Hardness	MG/L	673				130.2	05/05/97

Comments:

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
B555B3

Lab Name: RECRA ENVIRON Contract: C002989

Lab Code: RECNY Case No.: SH997 SAS No.: _____ SDG No.: 0424

Matrix: (soil/water) WATER Lab Sample ID: A7144103

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: J1278

Level: (low/med) LOW Date Received: 04/25/97

% Moisture: not dec. ____ Date Analyzed: 05/01/97

GC Column: DB-624 ID: 0.530 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____(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	5	J
75-15-0	Carbon Disulfide	10	U
75-35-4	1,1-Dichloroethene	10	U
75-34-3	1,1-Dichloroethane	10	U
540-59-0	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	10	U
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
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 Xylenes	10	U

000014

1E

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

B555B3

Lab Name: RECRA ENVIRON Contract: C002989

Lab Code: RECNY Case No.: SH997 SAS No.: _____ SDG No.: 0424

Matrix: (soil/water) WATER Lab Sample ID: A7144103

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: J1278

Level: (low/med) LOW Date Received: 04/25/97

% Moisture: not dec. ____ Date Analyzed: 05/01/97

GC Column: DB-624 ID: 0.530 (mm) Dilution Factor: 1.0

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

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

1

INORGANIC ANALYSES DATA SHEET

NYSDEC SAMPLE NO.

B555B3

Lab Name: RECRA_LABNET_INC._____ Contract: C002989___

Lab Code: RECNY_ Case No.: SH997 SAS No.: _____ SDG No.: 0424__

Matrix (soil/water): WATER Lab Sample ID: AD705934

Level (low/med): LOW__ Date Received: 04/25/97

% Solids: __0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L_

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	476		EN*	P
7440-36-0	Antimony	11.0	U		P
7440-38-2	Arsenic	15.6			P
7440-39-3	Barium	302		EN	P
7440-41-7	Beryllium	1.0	U		P
7440-43-9	Cadmium	1.0	U		P
7440-70-2	Calcium	213000		N	P
7440-47-3	Chromium	8.2	B		P
7440-48-4	Cobalt	4.9	B		P
7440-50-8	Copper	8.2	B		P
7439-89-6	Iron	25100		E	P
7439-92-1	Lead	2.2	U		P
7439-95-4	Magnesium	109000		E	P
7439-96-5	Manganese	734			P
7439-97-6	Mercury	0.20	U		CV
7440-02-0	Nickel	27.2	B		P
7440-09-7	Potassium	7420			P
7782-49-2	Selenium	4.9	U	*	P
7440-22-4	Silver	4.3	U		P
7440-23-5	Sodium	56100		E	P
7440-28-0	Thallium	4.3	U		P
7440-62-2	Vanadium	2.7	B		P
7440-66-6	Zinc	17.7	B	E*	P
	Cyanide				NR

Color Before: COLORLESS Clarity Before: CLEAR_ Texture: _____

Color After: COLORLESS Clarity After: CLEAR_ Artifacts: ___

Comments:

LAB_SAMPLE_ID:_A7144103-SG000008_____

NYS DEC
Wet Chemistry Analysis

000931

Client Sample No.

B555B3

Lab Name: Recra LabNet Contract: C002989

Lab Code: RECNY Case No.: SH997 SAS No.: _____ SDG No.: 0424

Matrix (soil/water): WATER Lab Sample ID: A7144103

% Solids: 0.0 Date Samp/Recv: 04/25/97 04/25/97

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Chloride	MG/L	27.2				325.2	05/07/97
Sulfate	MG/L	21.2				375.4	05/01/97
Total Alkalinity	MG/L	1020				310.1	05/01/97
Total Hardness	MG/L	1000				130.2	05/05/97

Comments:

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
B555B4

Lab Name: RECRA ENVIRON Contract: C002989

Lab Code: RECNY Case No.: SH997 SAS No.: _____ SDG No.: 0424

Matrix: (soil/water) WATER Lab Sample ID: A7144104

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: J1279

Level: (low/med) LOW Date Received: 04/25/97

% Moisture: not dec. ____ Date Analyzed: 05/01/97

GC Column: DB-624 ID: 0.530 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____(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	U
75-15-0	Carbon Disulfide	10	U
75-35-4	1,1-Dichloroethene	10	U
75-34-3	1,1-Dichloroethane	10	U
540-59-0	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	10	U
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
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 Xylenes	10	U

1E

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

B555B4

Lab Name: RECRA ENVIRON Contract: C002989

Lab Code: RECNY Case No.: SH997 SAS No.: _____ SDG No.: 0424

Matrix: (soil/water) WATER Lab Sample ID: A7144104

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: J1279

Level: (low/med) LOW Date Received: 04/25/97

% Moisture: not dec. ____ Date Analyzed: 05/01/97

GC Column: DB-624 ID: 0.530 (mm) Dilution Factor: 1.0

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

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

1

INORGANIC ANALYSES DATA SHEET

NYSDEC SAMPLE NO.

B555B4

Lab Name: RECRA_LABNET_INC._____ Contract: C002989___

Lab Code: RECNY_ Case No.: SH997 SAS No.: _____ SDG No.: 0424__

Matrix (soil/water): WATER Lab Sample ID: AD705935

Level (low/med): LOW__ Date Received: 04/25/97

% Solids: __0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L_

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum_	3710_	_	_EN*__	P_
7440-36-0	Antimony_	11.0_	U	_____	P_
7440-38-2	Arsenic__	6.1_	U	_____	P_
7440-39-3	Barium___	49.6_	B	__EN__	P_
7440-41-7	Beryllium	1.0_	U	_____	P_
7440-43-9	Cadmium__	1.0_	U	_____	P_
7440-70-2	Calcium__	106000_	_	__N___	P_
7440-47-3	Chromium_	8.9_	B	_____	P_
7440-48-4	Cobalt___	2.3_	B	_____	P_
7440-50-8	Copper___	36.0_	_	_____	P_
7439-89-6	Iron_____	3070_	_	__E___	P_
7439-92-1	Lead_____	2.2_	U	_____	P_
7439-95-4	Magnesium	419000_	_	__E___	P_
7439-96-5	Manganese	114_	_	_____	P_
7439-97-6	Mercury__	0.20_	U	_____	CV
7440-02-0	Nickel___	10.6_	B	_____	P_
7440-09-7	Potassium	9630_	_	_____	P_
7782-49-2	Selenium_	4.9_	U	__*___	P_
7440-22-4	Silver___	4.3_	U	_____	P_
7440-23-5	Sodium___	183000_	_	__E___	P_
7440-28-0	Thallium_	4.3_	U	_____	P_
7440-62-2	Vanadium_	6.7_	B	_____	P_
7440-66-6	Zinc_____	80.9_	_	__E*__	P_
_____	Cyanide__	_____	_	_____	NR
_____	_____	_____	_	_____	___

Color Before: COLORLESS Clarity Before: CLEAR_ Texture: _____

Color After: COLORLESS Clarity After: CLEAR_ Artifacts: ___

Comments:

LAB_SAMPLE_ID:_A7144104-SG000008_____

NYS DEC
Wet Chemistry Analysis

000952

Client Sample No.

B555B4

Lab Name: Recra LabNet Contract: C002989

Lab Code: RECNY Case No.: SH997 SAS No.: _____ SDG No.: 0424

Matrix (soil/water): WATER Lab Sample ID: A7144104

% Solids: 0.0 Date Samp/Recv: 04/25/97 04/25/97

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Chloride	MG/L	28.1				325.2	05/07/97
Sulfate	MG/L	1590				375.4	05/01/97
Total Alkalinity	MG/L	718				310.1	05/01/97
Total Hardness	MG/L	1980				130.2	05/05/97

Comments:

NYSDEC ASP

1

NYSDEC SAMPLE NO.

INORGANIC ANALYSES DATA SHEET

B555C1

Lab Name: RECRA_LABNET_INC._____ Contract: C002989___

Lab Code: RECNY_ Case No.: SH997 SAS No.: _____ SDG No.: 0424__

Matrix (soil/water): WATER Lab Sample ID: AD705936

Level (low/med): LOW__ Date Received: 04/25/97

% Solids: __0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L_

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum_		_		NR
7440-36-0	Antimony_		_		NR
7440-38-2	Arsenic__		_		NR
7440-39-3	Barium___		_		NR
7440-41-7	Beryllium		_		NR
7440-43-9	Cadmium__		_		NR
7440-70-2	Calcium__	142000_	_	N___	P_
7440-47-3	Chromium_		_		NR
7440-48-4	Cobalt___		_		NR
7440-50-8	Copper___		_		NR
7439-89-6	Iron_____		_		NR
7439-92-1	Lead_____		_		NR
7439-95-4	Magnesium	571000_	_	E___	P_
7439-96-5	Manganese		_		NR
7439-97-6	Mercury__		_		NR
7440-02-0	Nickel___		_		NR
7440-09-7	Potassium	11100_	_		P_
7782-49-2	Selenium_		_		NR
7440-22-4	Silver___		_		NR
7440-23-5	Sodium___	161000_	_	E___	P_
7440-28-0	Thallium_		_		NR
7440-62-2	Vanadium_		_		NR
7440-66-6	Zinc_____		_		NR
_____	Cyanide__		_		NR

Color Before: COLORLESS Clarity Before: CLEAR_ Texture: _____

Color After: COLORLESS Clarity After: CLEAR_ Artifacts: ___

Comments:

LAB_SAMPLE_ID:_A7144105-CGA00154_____

NYS DEC
Wet Chemistry Analysis

000033

Client Sample No.

B555C1

Lab Name: Recra LabNet Contract: C002989

Lab Code: RECNY Case No.: SH997 SAS No.: _____ SDG No.: 0424

Matrix (soil/water): WATER Lab Sample ID: A7144105

% Solids: 0.0 Date Samp/Recv: 04/25/97 04/25/97

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Chloride	MG/L	33.2				325.2	05/07/97
Sulfate	MG/L	2090				375.4	05/01/97
Total Alkalinity	MG/L	697				310.1	05/01/97
Total Hardness	MG/L	2470				130.2	05/05/97

Comments:

000017

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B555C5

Lab Name: RECRA ENVIRON Contract: C002989

Lab Code: RECNY Case No.: SH997 SAS No.: _____ SDG No.: 0424

Matrix: (soil/water) WATER Lab Sample ID: A7144106

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: J1280

Level: (low/med) LOW Date Received: 04/25/97

% Moisture: not dec. ____ Date Analyzed: 05/01/97

GC Column: DB-624 ID: 0.530 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____(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	U
75-15-0	Carbon Disulfide	10	U
75-35-4	1,1-Dichloroethene	10	U
75-34-3	1,1-Dichloroethane	10	U
540-59-0	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	10	U
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
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 Xylenes	10	U

1E

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

B555C5

Lab Name: RECRA ENVIRON Contract: C002989

Lab Code: RECNY Case No.: SH997 SAS No.: _____ SDG No.: 0424

Matrix: (soil/water) WATER Lab Sample ID: A7144106

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: J1280

Level: (low/med) LOW Date Received: 04/25/97

% Moisture: not dec. ____ Date Analyzed: 05/01/97

GC Column: DB-624 ID: 0.530 (mm) Dilution Factor: 1.0

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

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

NYSDEC ASP

000027

1

INORGANIC ANALYSES DATA SHEET

NYSDEC SAMPLE NO.

B555C5

Lab Name: RECRA_LABNET_INC. Contract: C002989

Lab Code: RECNY Case No.: SH997 SAS No.: SDG No.: 0424

Matrix (soil/water): WATER Lab Sample ID: AD705937

Level (low/med): LOW Date Received: 04/25/97

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	2100		EN*	P
7440-36-0	Antimony	11.0	U		P
7440-38-2	Arsenic	6.1	U		P
7440-39-3	Barium	44.5	B	EN	P
7440-41-7	Beryllium	1.0	U		P
7440-43-9	Cadmium	1.0	U		P
7440-70-2	Calcium	116000		N	P
7440-47-3	Chromium	34.9			P
7440-48-4	Cobalt	1.9	B		P
7440-50-8	Copper	16.0	B		P
7439-89-6	Iron	2720		E	P
7439-92-1	Lead	7.7			P
7439-95-4	Magnesium	299000		E	P
7439-96-5	Manganese	58.1			P
7439-97-6	Mercury	0.20	U		CV
7440-02-0	Nickel	18.9	B		P
7440-09-7	Potassium	8540			P
7782-49-2	Selenium	4.9	U	*	P
7440-22-4	Silver	4.3	U		P
7440-23-5	Sodium	79800		E	P
7440-28-0	Thallium	4.3	U		P
7440-62-2	Vanadium	5.0	B		P
7440-66-6	Zinc	30.1		E*	P
	Cyanide				NR

Color Before: COLORLESS Clarity Before: CLEAR Texture:

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

LAB_SAMPLE_ID: A7144106-SG000008

NYS DEC
Wet Chemistry Analysis

000034

Client Sample No.

B555C5

Lab Name: Recra LabNet Contract: C002989

Lab Code: RECNY Case No.: SH997 SAS No.: _____ SDG No.: 0424

Matrix (soil/water): WATER Lab Sample ID: A7144106

% Solids: 0.0 Date Samp/Recv: 04/25/97 04/25/97

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Chloride	MG/L	52.0				325.2	05/07/97
Sulfate	MG/L	810				375.4	05/01/97
Total Alkalinity	MG/L	693				310.1	05/01/97
Total Hardness	MG/L	1550				130.2	05/05/97

Comments:

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
B555C7

Lab Name: RECRA ENVIRON Contract: C002989

Lab Code: RECNY Case No.: SH997 SAS No.: _____ SDG No.: 0424

Matrix: (soil/water) WATER Lab Sample ID: A7144107

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: J1281

Level: (low/med) LOW Date Received: 04/25/97

% Moisture: not dec. ____ Date Analyzed: 05/01/97

GC Column: DB-624 ID: 0.530 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____(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	U
75-15-0	Carbon Disulfide	10	U
75-35-4	1,1-Dichloroethene	10	U
75-34-3	1,1-Dichloroethane	10	U
540-59-0	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	10	U
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
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 Xylenes	10	U

1E

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

B555C7

Lab Name: RECRA ENVIRON Contract: C002989

Lab Code: RECNY Case No.: SH997 SAS No.: _____ SDG No.: 0424

Matrix: (soil/water) WATER Lab Sample ID: A7144107

Sample wt/vol: 5.0 (g/mL) ML Lab File ID: J1281

Level: (low/med) LOW Date Received: 04/25/97

% Moisture: not dec. _____ Date Analyzed: 05/01/97

GC Column: DB-624 ID: 0.530 (mm) Dilution Factor: 1.0

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

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

NYSDEC ASP

000028

1

NYSDEC SAMPLE NO.

INORGANIC ANALYSES DATA SHEET

B555C7

Lab Name: RECRA_LABNET_INC._____ Contract: C002989___

Lab Code: RECNY_ Case No.: SH997 SAS No.: _____ SDG No.: 0424__

Matrix (soil/water): WATER Lab Sample ID: AD705938

Level (low/med): LOW__ Date Received: 04/25/97

% Solids: __0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L_

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	3790		EN*	P
7440-36-0	Antimony	11.0	U		P
7440-38-2	Arsenic	6.1	U		P
7440-39-3	Barium	55.0	B	EN	P
7440-41-7	Beryllium	1.0	U		P
7440-43-9	Cadmium	1.0	U		P
7440-70-2	Calcium	134000		N	P
7440-47-3	Chromium	5.8	B		P
7440-48-4	Cobalt	4.2	B		P
7440-50-8	Copper	43.7			P
7439-89-6	Iron	4850		E	P
7439-92-1	Lead	2.8	B		P
7439-95-4	Magnesium	528000		E	P
7439-96-5	Manganese	186			P
7439-97-6	Mercury	0.20	U		CV
7440-02-0	Nickel	17.4	B		P
7440-09-7	Potassium	11000			P
7782-49-2	Selenium	4.9	U	*	P
7440-22-4	Silver	4.3	U		P
7440-23-5	Sodium	165000		E	P
7440-28-0	Thallium	4.3	U		P
7440-62-2	Vanadium	7.8	B		P
7440-66-6	Zinc	113		E*	P
	Cyanide				NR

Color Before: COLORLESS Clarity Before: CLEAR_ Texture: _____

Color After: COLORLESS Clarity After: CLEAR_ Artifacts: ___

Comments:

LAB_SAMPLE_ID:_A7144107-SG000008_____

NYS DEC
Wet Chemistry Analysis

000035
Client Sample No.

B555C7

Name: Recra LabNet Contract: C002989

Lab Code: RECNY Case No.: SH997 SAS No.: _____ SDG No.: 0424

Matrix (soil/water): WATER Lab Sample ID: A7144107

% Solids: 0.0 Date Samp/Recv: 04/25/97 04/25/97

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Chloride	MG/L	33.8				325.2	05/07/97
Sulfate	MG/L	1860				375.4	05/01/97
Total Alkalinity	MG/L	858				310.1	05/01/97
Total Hardness	MG/L	2220				130.2	05/05/97

Comments:

GMM

JUN 2 7 1997

NYSDEC-REG. 9
FOIL

DUNLOP
TIRE CORPORATION

EXCELLENCE THROUGH TEAMWORK

June 25, 1997

Glen May
NYS Dept. of Environmental Conservation
270 Michigan Ave.
Buffalo, NY 14203-2999

Dear Mr. May:

Attached find the analytical results of the groundwater samples taken on April 24, 1997, for our three inactive landfill sites following the requested reporting format.

Analytical results continue to confirm that closure of the three inactive landfills have effectively eliminated the migration of contaminants.

Would appreciate a copy of the analyticals from your laboratory, run on the split samples taken on the above date.

Should any further information be required, call me at 879-8536.

Respectfully,

Daniel T. Parshall
Energy/Environmental Eng.

CC: M. Kaczynski
D. Pyanowski

DUNLOP TIRE

ENVIRONMENTAL MONITORING OF INACTIVE WASTE SITES 915018 A, B, AND C SPRING, 1997

Prepared By:

ADVANCED ENVIRONMENTAL SERVICES INC.

"A Company Dedicated to Honesty, Quality and Service"

May 16, 1997
REF: GMU71QW/c

QA/QC VERIFICATION FOR PROJECT ID 71QW

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.

Metals Department

Inorganic Chemistry

Organic Chemistry

Field Services

Quality Control

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
- D - Indicates a dilution was required

Advanced Environmental Services, Inc.
2186 Liberty Drive
Niagara Falls, New York 14304
(716) 283-3120

QUARTERLY GROUNDWATER MONITORING - WELL INFORMATION
April 24, 1997 thru April 25, 1997

Dunlop Tire

Tonawanda, New York

AES Code: GMU **Project I.D. # 71QW**

Monitoring Well I.D.	Evacuation Date	Monitoring Well Diameter	Water Level (ft.)	Bottom of Well (ft.)	Volume of Standing Water (gallons)	Volume of Evacuated Water (gallons)	Recharge Rate
C - 1	4/24/97	2	3.12	19.52	2.68	5.8 (DRY)	S
C - 5	4/24/97	2	4.57	29.32	4.04	12.50	R
C - 7	4/24/97	2	3.59	23.26	3.21	5.9 (DRY)	S
OMW - A4	4/24/97	2	7.09	25.42	2.99	6.5 (Dry)	S
OMW - A6	4/24/97	2	6.26	23.05	2.74	7.0 (Dry)	S
OMW - B3	4/24/97	2	4.13	16.96	2.09	4.5 (Dry)	S
OMW - B4	4/24/97	2	3.93	22.25	2.99	6.0 (DRY)	S

Abbreviations:
VS = Very Slow ----- Recharge Rate longer than 24 hr period.
S = Slow ---------- Recharge Rate within 24 hr period.
R = Rapid --------- Recharge Rate within 1 hr period.
C = Continuous ---- Recharge Rate immediate.

5-13-97
Field Technician Date

Advanced Environmental Services, Inc.
2186 Liberty Drive
Niagara Falls, New York 14304
(716) 283-3120

QUARTERLY GROUNDWATER MONITORING - FIELD PARAMETER INFORMATION
April 24, 1997 thru April 25, 1997

Dunlop Tire

Tonawanda, New York

AES Code: GMU **Project I.D. # 71QW**

Monitoring Well Identification	Sampling Date	Sampling Time	Sampling Elavation (feet)	Turbidity (NTU)	Appearance/Observations
C - 1	4/25/97	9:10 AM	12.54	45.5	Clear to Cloudy
C - 5	4/25/97	10:00 AM	24.57	12.2	Clear, no odor
C - 7	4/25/97	9:37 AM	19.21	8.5	Clear to Tan
OMW - A4	4/25/97	10:55 AM	19.72	8.1	Clear to Tan
OMW - A6	4/25/97	10:20 AM	16.76	13.3	Slightly Cloudy
OMW - B3	4/25/97	11:05 AM	10.55	62.5	Light Tint
OMW - B4	4/25/97	10:35 AM	16.89	4.5	Clear

Weather Conditions: April 24, 1997 - Sunny 45 F
April 25, 1997 - Sunny 35 F

5-13-97

Field Technician Date

Table 1
Summary of Groundwater Analytical Results - Detected Compounds
(All results in ug/L)

Parameter	ARAR + (ppb)	Action * Level	OMW-A6 (UPGRADIENT)								
			5/30/91 **	4/28/95	10/4/95	5/1/96	11/13/96	4/25/97			
1,1-Dichloroethene	5		5								
1,1-Dichloroethane	5		17								
1,2-Dichloroethene (Total)	5										
Chloroform	100		0.6 J								
1,1,1-Trichloroethane	5		80								
Benzene	0.7										
2-Butanone	N										
Acenaphthene	20G										
Fluorene	50										
Pnenanthrene	50										
Anthracene	50										
Dibenzofuran	50										
Total Phenols	1			8	12	U	U	0.004			
4,4'-DDE	ND										
Arsenic	25										
Cadmium	10										
Chromium	50			2.3B	1.4B						
Lead	25		25	3.9	4.4J						

\+ NYSDEC Ambient Water Quality Standards and Guidance Values, September 1990.
* Action levels are from the Long Term Monitoring Plan dated July 1994.
** Results from former upgradient monitoring well OMW-A3
G Guidance value.
J Indicates the value is less than the sample quantification limit but greater than zero.
B Indicates the value is less than the quantification limit but greater than or equal to the instrument detection limit.
U Indicates the value is not detected.

Table 1
Summary of Groundwater Analytical Results - Detected Compounds
(All results in ug/L)

Parameter	ARAR + (ppb)	Action * Level	OMW-C1 (UPGRADIENT)								
			5/29/91	4/28/95	10/4/95	5/1/96	11/13/96	4/25/97			
1,1-Dichloroethene	5										
1,1-Dichloroethane	5										
1,2-Dichloroethene (Total)	5										
Chloroform	100										
1,1,1-Trichloroethane	5										
Benzene	0.7										
2-Butanone	N										
Acenaphthene	20G										
Fluorene	50										
Pnenanthrene	50										
Anthracene	50										
Dibenzofuran	50										
Total Phenols	1				15	U	U	U			
4,4'-DDE	ND										
Arsenic	25										
Cadmium	10										
Chromium	50			6.6 B	2.1 B						
Lead	25		14								

+ NYSDEC Ambient Water Quality Standards and Guidance Values, September 1990.
* Action levels are from the Long Term Monitoring Plan dated July 1994.
** Results from former upgradient monitoring well OMW-A3
G Guidance value.
J Indicates the value is less than the sample quantification limit but greater than zero.
B Indicates the value is less than the quantification limit but greater than or equal to the instrument detection limit.
U Indicates the value is not detected.

Table 1
Summary of Groundwater Analytical Results - Detected Compounds
(All results in ug/L)

Parameter	ARAR + (ppb)	Action * Level	OMW-C7								
			5/1/96	11/13/96	4/25/97						
1,1-Dichloroethene	5										
1,1-Dichloroethane	5		U	U	U						
1,2-Dichloroethene (Total)	5		U	U	U						
Chloroform	100										
1,1,1-Trichloroethane	5		U	U	U						
Benzene	0.7		U	U	U						
2-Butanone	N		U	U	U						
Acenaphthene	20G										
Fluorene	50										
Pnenanthrene	50										
Anthracene	50										
Dibenzofuran	50										
Total Phenols	1		U	U	U						
4,4'-DDE	ND										
Arsenic	25		U	U	U						
Cadmium	10		U	U	U						
Chromium	50		30	U	0.007 B						
Lead	25		U	U	0.002 B						

+ NYSDEC Ambient Water Quality Standards and Guidance Values, September 1990.
* Action levels are from the Long Term Monitoring Plan dated July 1994.
** Results from former upgradient monitoring well OMW-A3
G Guidance value.
J Indicates the value is less than the sample quantification limit but greater than zero.
B Indicates the value is less than the quantification limit but greater than or equal to the instrument detection limit.
U Indicates the value is not detected.

Table 1
Summary of Groundwater Analytical Results - Detected Compounds
(All results in ug/L)

Parameter	ARAR + (ppb)	Action * Level	OMW-C5								
			5/1/96	11/13/96	4/25/97						
1,1-Dichloroethene	5										
1,1-Dichloroethane	5		U	U	U						
1,2-Dichloroethene (Total)	5		U	U	U						
Chloroform	100										
1,1,1-Trichloroethane	5		U	U	U						
Benzene	0.7		U	U	U						
2-Butanone	N		U	U	U						
Acenaphthene	20G										
Fluorene	50										
Pnenanthrene	50										
Anthracene	50										
Dibenzofuran	50										
Total Phenols	1		U	0.004	U						
4,4'-DDE	ND										
Arsenic	25		U	U	U						
Cadmium	10		U	U	U						
Chromium	50		20	U	0.24						
Lead	25		U	U	0.002 B						

\+ NYSDEC Ambient Water Quality Standards and Guidance Values, September 1990.
* Action levels are from the Long Term Monitoring Plan dated July 1994.
** Results from former upgradient monitoring well OMW-A3
G Guidance value.
J Indicates the value is less than the sample quantification limit but greater than zero.
B Indicates the value is less than the quantification limit but greater than or equal to the instrument detection limit.
U Indicates the value is not detected.

Table 1
Summary of Groundwater Analytical Results - Detected Compounds
(All results in ug/L)

Parameter	ARAR + (ppb)	Action * Level	OMW-A4 (DOWNGRADIENT)								
			5/30/91 **	4/28/95	10/4/95	5/1/96	11/13/96	4/25/97			
1,1-Dichloroethene	5										
1,1-Dichloroethane	5					U	U	U			
1,2-Dichloroethene (Total)	5					U	U	U			
Chloroform	100										
1,1,1-Trichloroethane	5					U	U	U			
Benzene	0.7					U	U	U			
2-Butanone	N					U	U	U			
Acenaphthene	20G										
Fluorene	50										
Pnenanthrene	50										
Anthracene	50										
Dibenzofuran	50										
Total Phenols	1				19	U	U	U			
4,4'-DDE	ND										
Arsenic	25		69			U	U	U			
Cadmium	10		330			22	U	U			
Chromium	50		365	4.1 B		20	U	U			
Lead	25		46			U	U	U			

\+ NYSDEC Ambient Water Quality Standards and Guidance Values, September 1990.
* Action levels are from the Long Term Monitoring Plan dated July 1994.
** Results from former upgradient monitoring well OMW-A3
G Guidance value.
J Indicates the value is less than the sample quantification limit but greater than zero.
B Indicates the value is less than the quantification limit but greater than or equal to the instrument detection limit.
U Indicates the value is not detected.

Table 1
Summary of Groundwater Analytical Results - Detected Compounds
(All results in ug/L)

Parameter	ARAR + (ppb)	Action * Level	OMW-B4								
			5/29/91 **	4/28/95	10/4/95	5/1/96	11/13/96	4/25/97			
1,1-Dichloroethene	5										
1,1-Dichloroethane	5	5				U	U	U			
1,2-Dichloroethene (Total)	5	5				U	U	U			
Chloroform	100										
1,1,1-Trichloroethane	5	5				U	U	U			
Benzene	0.7	2	1			U	U	U			
2-Butanone	N					U	U	U			
Acenaphthene	20G										
Fluorene	50										
Pnenanthrene	50										
Anthracene	50										
Dibenzofuran	50										
Total Phenols	1	1			8	U	U	0.002 B			
4,4'-DDE	ND										
Arsenic	25	25				U	U	U			
Cadmium	10	28	14			U	U	U			
Chromium	50	178	89		1.1 B	20	U	U			
Lead	25	52	26			U	U	U			

\+ NYSDEC Ambient Water Quality Standards and Guidance Values, September 1990.
* Action levels are from the Long Term Monitoring Plan dated July 1994.
** Results from former upgradient monitoring well OMW-A3
G Guidance value.
J Indicates the value is less than the sample quantification limit but greater than zero.
B Indicates the value is less than the quantification limit but greater than or equal to the instrument detection limit.
U Indicates the value is not detected.

Table 1
Summary of Groundwater Analytical Results - Detected Compounds
(All results in ug/L)

Parameter	ARAR + (ppb)	Action * Level	OMW-B3 (DOWNGRADIENT)								
			5/29/91	5/16/95	10/4/95	5/1/96	11/13/96	4/25/97			
1,1-Dichloroethene	5					U					
1,1-Dichloroethane	5					U	U	U			
1,2-Dichloroethene (Total)	5					U	U	U			
Chloroform	100					U					
1,1,1-Trichloroethane	5					U	U	U			
Benzene	0.7					U	U	U			
2-Butanone	N					U	U	U			
Acenaphthene	20G		2 J	3 J	2 J						
Fluorene	50			2 J	1 J						
Pnenanthrene	50			3 J	0.3 J						
Anthracene	50			0.7 J	0.2 J						
Dibenzofuran	50			1 J	0.6 J						
Total Phenols	1			5	17	U	0.004	0.002 B			
4,4'-DDE	ND		0.12 J								
Arsenic	25		7 B	2.2 B	8.1 B	6	0.010	0.014			
Cadmium	10					U	U	U			
Chromium	50			1.6 B	5 B	U	U	U			
Lead	25		16	3.1	15.3 J	U	U	0.001 B			

\+ NYSDEC Ambient Water Quality Standards and Guidance Values, September 1990.
* Action levels are from the Long Term Monitoring Plan dated July 1994.
** Results from former upgradient monitoring well OMW-A3
G Guidance value.
J Indicates the value is less than the sample quantification limit but greater than zero.
B Indicates the value is less than the quantification limit but greater than or equal to the instrument detection limit.
U Indicates the value is not detected.

Table 1
Summary of Groundwater Analytical Results - Detected Compounds
(All results in ug/L)

Parameter	ARAR + (ppb)	Action * Level	OMW-B3 (DOWNGRADIENT)								
			5/1/96	11/13/96	4/25/97						
Soluble Arsenic			U		0.010						
Soluble Cadmium			U		U						
Soluble Chromium			U		U						
Soluble Lead			U		U						

+ NYSDEC Ambient Water Quality Standards and Guidance Values, September 1990.
* Action levels are from the Long Term Monitoring Plan dated July 1994.
** Results from former upgradient monitoring well OMW-A3
G Guidance value.
J Indicates the value is less than the sample quantification limit but greater than zero.
B Indicates the value is less than the quantification limit but greater than or equal to the instrument detection limit.
U Indicates the value is not detected.

Table 1
Summary of Groundwater Analytical Results - Detected Compounds
(All results in ug/L)

Parameter	ARAR + (ppb)	Action * Level	BLIND DUPLICATE								
			5/1/96	11/13/96	4/25/97						
1,1-Dichloroethene	5										
1,1-Dichloroethane	5		U	U	U						
1,2-Dichloroethene (Total)	5		U	U	U						
Chloroform	100										
1,1,1-Trichloroethane	5		U	U	U						
Benzene	0.7		U	U	U						
2-Butanone	N		U	U	U						
Acenaphthene	20G										
Fluorene	50										
Pnenanthrene	50										
Anthracene	50										
Dibenzofuran	50										
Total Phenols	1		U	U	0.002 B						
4,4'-DDE	ND										
Arsenic	25		U	0.090	U						
Cadmium	10		U	0.006	U						
Chromium	50		40	U	0.006 B						
Lead	25		U	0.008	U						

\+ NYSDEC Ambient Water Quality Standards and Guidance Values, September 1990.
* Action levels are from the Long Term Monitoring Plan dated July 1994.
** Results from former upgradient monitoring well OMW-A3
G Guidance value.
J Indicates the value is less than the sample quantification limit but greater than zero.
B Indicates the value is less than the quantification limit but greater than or equal to the instrument detection limit.
U Indicates the value is not detected.

Table 1
Summary of Groundwater Analytical Results - Detected Compounds
(All results in ug/L)

Parameter	ARAR + (ppb)	Action * Level	TRIP BLANK								
			5/1/96	11/13/96	4/25/97						
1,1-Dichloroethene	5										
1,1-Dichloroethane	5		U	U	U						
1,2-Dichloroethene (Total)	5		U	U	U						
Chloroform	100										
1,1,1-Trichloroethane	5		U	U	U						
Benzene	0.7		U	U	U						
2-Butanone	N		U	U	U						
Acenaphthene	20G										
Fluorene	50										
Pnenanthrene	50										
Anthracene	50										
Dibenzofuran	50										
Total Phenols	1										
4,4'-DDE	ND										
Arsenic	25										
Cadmium	10										
Chromium	50										
Lead	25										

+ NYSDEC Ambient Water Quality Standards and Guidance Values, September 1990.
* Action levels are from the Long Term Monitoring Plan dated July 1994.
** Results from former upgradient monitoring well OMW-A3
G Guidance value.
J Indicates the value is less than the sample quantification limit but greater than zero.
B Indicates the value is less than the quantification limit but greater than or equal to the instrument detection limit.
U Indicates the value is not detected.

Table 1
Summary of Groundwater Analytical Results - Detected Compounds
(All results in ug/L)

Parameter	ARAR + (ppb)	Action * Level	METHOD BLANK								
			5/1/96	11/13/96	4/25/97						
1,1-Dichloroethene	5										
1,1-Dichloroethane	5		U	U	U						
1,2-Dichloroethene (Total)	5		U	U	U						
Chloroform	100		U								
1,1,1-Trichloroethane	5		U	U	U						
Benzene	0.7		U	U	U						
2-Butanone	N		U	U	U						
Acenaphthene	20G										
Fluorene	50										
Pnenanthrene	50										
Anthracene	50										
Dibenzofuran	50										
Total Phenols	1		U	U	U						
4,4'-DDE	ND										
Arsenic	25		U	U	U						
Cadmium	10		U	U	U						
Chromium	50		U	U	U						
Lead	25		U	U	U						

+ NYSDEC Ambient Water Quality Standards and Guidance Values, September 1990.
* Action levels are from the Long Term Monitoring Plan dated July 1994.
** Results from former upgradient monitoring well OMW-A3
G Guidance value.
J Indicates the value is less than the sample quantification limit but greater than zero.
B Indicates the value is less than the quantification limit but greater than or equal to the instrument detection limit.
U Indicates the value is not detected.

Table 1
Summary of Groundwater Analytical Results - Detected Compounds
(All results in ug/L)

Parameter	ARAR + (ppb)	Action * Level	METHOD BLANK								
			5/1/96	11/13/96	4/25/97						
Soluble Arsenic			U		U						
Soluble Cadmium			U		U						
Soluble Chromium			U		U						
Soluble Lead			U		U						

+ NYSDEC Ambient Water Quality Standards and Guidance Values, September 1990.
* Action levels are from the Long Term Monitoring Plan dated July 1994.
** Results from former upgradient monitoring well OMW-A3
G Guidance value.
J Indicates the value is less than the sample quantification limit but greater than zero.
B Indicates the value is less than the quantification limit but greater than or equal to the instrument detection limit.
U Indicates the value is not detected.

Advanced Environmental Services, Inc.
Sample Traceability Report

Project Identification GMU 71QW

Sample #	Sample Collection	Group #	Run #	Prep Method	Prep Date	Analyst	Analytical Methodology	Analysis Date	Analyst
71QW-3	4-25-97	—	—	—	—	—	8240	5-5-97	MM
-4		—	—	—	—	—			
-5		—	—	—	—	—			
-6		—	—	—	—	—			
-7		—	—	—	—	—			
-8		—	—	—	—	—			
-9		—	—	—	—	—			

Please note: Areas marked by a dash indicate that no sample preparation isrequired under the applied methodology.

Advanced Environmental Services, Inc.
Sample Traceability Report

Project Identification GMU 712W

Sample #	Sample Collection	Group #	Run #	Prep Method	Prep Date	Analyst	Analytical Methodology	Analysis Date	Analyst
712W-1-8	4-25-97	2002	113	~~420.2~~ 9066 LR	5/6/97	MC	~~420.2~~ 9066 LR	5/6/97	MC

Please note: Areas marked by a dash indicate that no sample preparation isrequired under the applied methodology.

Advanced Environmental Services, Inc.
Sample Traceability Report

Project Identification CMW 71QW

Sample #	Sample Collection	Group #	Run #	Prep Method	Prep Date	Analyst	Analytical Methodology	Analysis Date	Analyst
71QW 3,4,5 6,7,8	4/25/97	—	—	9.3	5/7/97	JK	200.7	5/8/97	AMP
		—	—	206.2	5/5/97	JK	206.2	5/7/97	AMP
		—		4.1.3	5/12/97	JK	239.2	5/13/97	JK
		—	—	—	—	—	206.2	5/9/97	AMP

Please note: Areas marked by a dash indicate that no sample preparation isrequired under the applied methodology.

CHAIN OF CUSTODY RECORD

ADVANCED
ENVIRONMENTAL SERVICES, INC.
2186 LIBERTY DRIVE
NIAGARA FALLS, NEW YORK 14304
(716) 283-3120
(800) 791-3120
FAX (716) 283-4727

PROJECT NAME: Dunlop Wells

PROJECT I.D. #: 716W

SAMPLER'S SIGNATURE: [signature]

JOB CODE: GMW

DATE	TIME	SAMPLE IDENTIFICATION	GRAB	COMP	SAMPLE TYPE	CONTAINER CLASSIFICATION: UNPRESERVED	HNO_3	H_2SO_4	HCL	NAOH	VIAL (PRES.)	VIAL (UNPRES.)	TOTAL	PARAMETERS/REMARKS
4-25-97	9:10 am	OMW - C1	x		GROUNDWATER			1					1	PHENOL
	10:20 am	OMW - A6	x					1					1	"
	9:37 AM	OMW - C7	x				1	1			3		5	T. METALS, PHENOL, VOLATILES
	10:00 AM	OMW - C5	x				1	1			3		5	
	10:35 AM	OMW - B4	x				1	1			3		5	
	10:55 AM	OMW - A4	x				1	1			3		5	
	—	BLIND DUPLICATE	x				1	1			3		5	
	11:05 am	OMW - B3	x				2	1			3		6	, SOLUBLE METALS
	8:15 AM	TRIP BLANK	x		D.I. WATER						2		2	VOLATILES

TOTAL NUMBER OF CONTAINERS

NOTE: Please indicate required analysis, and whom we may contact with questions, if you have not yet done so through your customer service representative.

1. RELINQUISHED BY: [signature]	DATE 4-25-97	TIME 1, 20 PM	RECEIVED BY: [signature]
2. RELINQUISHED BY: [signature]	DATE	TIME	RECEIVED BY: [signature]
3. RELINQUISHED BY:	DATE	TIME	RECEIVED BY:

DUNLOP
DRIVING TO THE FUTURE

Plant Engineering
Excellence Through Teamwork

FACSIMILE TRANSMITTAL

Fax: (716) 879-8400 **From:** Don Burkell

Date: 6-24-97 **Telephone:** 879-8536

#of Pages including Cover Sheet: 21

To: Glen May

Subject: Land Fill

---

1) attached find results of Spring 1997 well monitoring at our waste site A, B & C

2) See you 9:00 Am next Wed. 7-2-97

Don P

GMM
BS

DUNLOP

TIRE CORPORATION *EXCELLENCE THROUGH TEAMWORK*

August 25, 1997

RECEIVED
AUG 27 1997
NYSDEC-REG. 9
FOIL
X REL ___UNREL

Glen May
NYS Dept. of Environmental Conservation
270 Michigan Ave.
Buffalo, NY 14203-2999

Dear Mr. May:

Reference your letter of July 3, 1997, attached find a letter from Advanced Environmental Services, Inc., which explain the discrepancy between the split samples taken in April of this year. Apparently their was a error in the transposition of the units of measurement, some were transcribed in mg/l and others as ug/l.

Also find attached the corrected copy of our April 1997 Groundwater Monitoring Report together with sample data.

We did discuss the issue of field testing for pH, conductivity, temperature and turbidity with Advanced Environmental and they will be recording these for all future samples.

Finally, Hausrath Landscape has been contracted to repair the minor topsoil erosion noted at landfill site "A".

Should any further information be required, call me at 879-8536.

Respectfully,

Daniel T. Parshall
Energy/Environmental Eng.

CC: M. Kaczynski
D. Pyanowski

ADVANCED
ENVIRONMENTAL SERVICES INC.

P.O. Box 165
2186 Liberty Drive
Niagara Falls, NY 14304
(716) 283-3120
(800) 791-3120
Fax (716) 283-4727

July 29, 1997

Dan Parshall
Dunlop Tire
Sheridan Drive & River Road
Buffalo, New York 14240

Dear Mr. Parshall,

The discrepancy between some metals results from AES and the NYSDEC split sample results were clerical errors. The data on the "Summary of Groundwater Analytical Results" sheets were reported as ug/l (ppb) . The data contained in the AES analytical report were reported as mg/l (ppm). When the data was transcribed from the report to the data summary sheets some results were not converted to ug/l.

Please note all incorrect results have been changed on the summary sheets and now correspond to data found in the AES analytical report.

Sincerely,

Richard V. Finn
Quality Control Director

dms

DUNLOP TIRE

ENVIRONMENTAL MONITORING OF INACTIVE WASTE SITES 915018 A, B, AND C SPRING, 1997

Prepared By:

ADVANCED ENVIRONMENTAL SERVICES INC.

"A Company Dedicated to Honesty, Quality and Service"

May 16, 1997
REF: GMU71QW/c

QA/QC VERIFICATION FOR PROJECT ID 71QW

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.

Metals Department

Inorganic Chemistry

Organic Chemistry

Field Services

Quality Control

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
- D - Indicates a dilution was required

Advanced Environmental Services, Inc.
2186 Liberty Drive
Niagara Falls, New York 14304
(716) 283-3120

QUARTERLY GROUNDWATER MONITORING - WELL INFORMATION
April 24, 1997 thru April 25, 1997

Dunlop Tire

Tonawanda, New York

AES Code: GMU **Project I.D. # 71QW**

Monitoring Well I.D.	Evacuation Date	Monitoring Well Diameter	Water Level (ft.)	Bottom of Well (ft.)	Volume of Standing Water (gallons)	Volume of Evacuated Water (gallons)	Recharge Rate
C - 1	4/24/97	2	3.12	19.52	2.68	5.8 (DRY)	S
C - 5	4/24/97	2	4.57	29.32	4.04	12.50	R
C - 7	4/24/97	2	3.59	23.26	3.21	5.9 (DRY)	S
OMW - A4	4/24/97	2	7.09	25.42	2.99	6.5 (Dry)	S
OMW - A6	4/24/97	2	6.26	23.05	2.74	7.0 (Dry)	S
OMW - B3	4/24/97	2	4.13	16.96	2.09	4.5 (Dry)	S
OMW - B4	4/24/97	2	3.93	22.25	2.99	6.0 (DRY)	S

Abbreviations:

VS = Very Slow ----- Recharge Rate longer than 24 hr period.
S = Slow ---------- Recharge Rate within 24 hr period.
R = Rapid --------- Recharge Rate within 1 hr period.
C = Continuous ---- Recharge Rate immediate.

5-13-97

Field Technician Date

Advanced Environmental Services, Inc.
2186 Liberty Drive
Niagara Falls, New York 14304
(716) 283-3120

QUARTERLY GROUNDWATER MONITORING - FIELD PARAMETER INFORMATION
April 24, 1997 thru April 25, 1997

Dunlop Tire

Tonawanda, New York

AES Code: GMU

Project I.D. # 71QW

Monitoring Well Identification	Sampling Date	Sampling Time	Sampling Elavation (feet)	Turbidity (NTU)	Appearance/Observations
C - 1	4/25/97	9:10 AM	12.54	45.5	Clear to Cloudy
C - 5	4/25/97	10:00 AM	24.57	12.2	Clear, no odor
C - 7	4/25/97	9:37 AM	19.21	8.5	Clear to Tan
OMW - A4	4/25/97	10:55 AM	19.72	8.1	Clear to Tan
OMW - A6	4/25/97	10:20 AM	16.76	13.3	Slightly Cloudy
OMW - B3	4/25/97	11:05 AM	10.55	62.5	Light Tint
OMW - B4	4/25/97	10:35 AM	16.89	4.5	Clear

Weather Conditions: April 24, 1997 - Sunny 45 F
April 25, 1997 - Sunny 35 F

Field Technician

5-13-97
Date

CLIENT: Dunlop Tire
SAMPLE ID: OMW-A6
COLLECTION METHOD: Grab
COLLECTION DATE(S): 04/25/97
SAMPLE TYPE: Wastewater

AES CLIENT ID: DUNLOP
AES SAMPLE ID: 71QW-1

PROJECT ID: 71QW

Analytical Parameters	Analytical Results	Units	Method Detection Limits	Practical Quantifiable Limit	Method
Total Recoverable Phenolics	0.004	mg/L	0.002	0.004	EPA 9066
Turbidity *	13.3	NTU	---	0.1	EPA 180.1

* Analysis performed in the field.

CLIENT: Dunlop Tire
SAMPLE ID: OMW-C1
COLLECTION METHOD: Grab
COLLECTION DATE(S): 04/25/97
SAMPLE TYPE: Wastewater

AES CLIENT ID: DUNLOP
AES SAMPLE ID: 71QW-2
PROJECT ID: 71QW

Analytical Parameters	Analytical Results	Units	Method Detection Limits	Practical Quantifiable Limit	Method
Total Recoverable Phenolics	ND	mg/L	0.002	0.004	EPA 9066
Turbidity *	45.5	NTU	---	0.1	EPA 180.1

* Analysis performed in the field.

CLIENT: Dunlop Tire
SAMPLE ID: OMW-C7
COLLECTION METHOD: Grab
COLLECTION DATE(S): 04/25/97
SAMPLE TYPE: Wastewater

AES CLIENT ID: DUNLOP
AES SAMPLE ID: 71QW-3
PROJECT ID: 71QW

Analytical Parameters	Analytical Results	Units	Method Detection Limits	Practical Quantifiable Limit	Method
1,1-Dichloroethane	ND	µg/L	2.0	10	SW 846 8240
1,1,1-Trichloroethane	ND	µg/L	2.0	10	SW 846 8240
1,2-Dichloroethylene (total)	ND	µg/L	2.0	10	SW 846 8240
Benzene	ND	µg/L	2.0	10	SW 846 8240
2-Butanone	ND	µg/L	6.0	10	SW 846 8240
Total Recoverable Phenolics	ND	mg/L	0.002	0.004	EPA 9066
Total Arsenic	ND	mg/L	0.002	0.005	EPA 206.2
Total Cadmium	ND	mg/L	0.005	0.010	EPA 200.7
Total Chromium	0.007 B	mg/L	0.005	0.010	EPA 200.7
Total Lead	0.002 B	mg/L	0.001	0.005	EPA 239.2
Turbidity *	8.5	NTU	---	0.1	EPA 180.1

B - Actual analytical results are above the Method Detection Limit but below the Limit of Quantification.
* Analysis performed in the field.

CLIENT: Dunlop Tire
SAMPLE ID: OMW-C5
COLLECTION METHOD: Grab
COLLECTION DATE(S): 04/25/97
SAMPLE TYPE: Wastewater

AES CLIENT ID: DUNLOP
AES SAMPLE ID: 71QW-4

PROJECT ID: 71QW

Analytical Parameters	Analytical Results	Units	Method Detection Limits	Practical Quantifiable Limit	Method
1,1-Dichloroethane	ND	µg/L	2.0	10	SW 846 8240
1,1,1-Trichloroethane	ND	µg/L	2.0	10	SW 846 8240
1,2-Dichloroethylene (total)	ND	µg/L	2.0	10	SW 846 8240
Benzene	ND	µg/L	2.0	10	SW 846 8240
2-Butanone	ND	µg/L	6.0	10	SW 846 8240
Total Recoverable Phenolics	ND	mg/L	0.002	0.004	EPA 9066
Total Arsenic	ND	mg/L	0.002	0.005	EPA 206.2
Total Cadmium	ND	mg/L	0.005	0.010	EPA 200.7
Total Chromium	0.024	mg/L	0.005	0.010	EPA 200.7
Total Lead	0.002 B	mg/L	0.001	0.005	EPA 239.2
Turbidity *	12.2	NTU	---	0.1	EPA 180.1

B - Actual analytical results are above the Method Detection Limit but below the Limit of Quantification.
* Analysis performed in the field.

CLIENT: Dunlop Tire
SAMPLE ID: OMW-A4
COLLECTION METHOD: Grab
COLLECTION DATE(S): 04/25/97
SAMPLE TYPE: Wastewater

AES CLIENT ID: DUNLOP
AES SAMPLE ID: 71QW-5

PROJECT ID: 71QW

Analytical Parameters	Analytical Results	Units	Method Detection Limits	Practical Quantifiable Limit	Method
1,1-Dichloroethane	ND	µg/L	2.0	10	SW 846 8240
1,1,1-Trichloroethane	ND	µg/L	2.0	10	SW 846 8240
1,2-Dichloroethylene (total)	ND	µg/L	2.0	10	SW 846 8240
Benzene	ND	µg/L	2.0	10	SW 846 8240
2-Butanone	ND	µg/L	6.0	10	SW 846 8240
Total Recoverable Phenolics	ND	mg/L	0.002	0.004	EPA 9066
Total Arsenic	ND	mg/L	0.002	0.005	EPA 206.2
Total Cadmium	ND	mg/L	0.005	0.010	EPA 200.7
Total Chromium	ND	mg/L	0.005	0.010	EPA 200.7
Total Lead	ND	mg/L	0.001	0.005	EPA 239.2
Turbidity *	8.1	NTU	---	0.1	EPA 180.1

* Analysis performed in the field.

CLIENT: Dunlop Tire
SAMPLE ID: OMW-B4
COLLECTION METHOD: Grab
COLLECTION DATE(S): 04/25/97
SAMPLE TYPE: Wastewater

AES CLIENT ID: DUNLOP
AES SAMPLE ID: 71QW-6
PROJECT ID: 71QW

Analytical Parameters	Analytical Results	Units	Method Detection Limits	Practical Quantifiable Limit	Method
1,1-Dichloroethane	ND	µg/L	2.0	10	SW 846 8240
1,1,1-Trichloroethane	ND	µg/L	2.0	10	SW 846 8240
1,2-Dichloroethylene (total)	ND	µg/L	2.0	10	SW 846 8240
Benzene	ND	µg/L	2.0	10	SW 846 8240
2-Butanone	ND	µg/L	6.0	10	SW 846 8240
Total Recoverable Phenolics	0.002 B	mg/L	0.002	0.004	EPA 9066
Total Arsenic	ND	mg/L	0.002	0.005	EPA 206.2
Total Cadmium	ND	mg/L	0.005	0.010	EPA 200.7
Total Chromium	ND	mg/L	0.005	0.010	EPA 200.7
Total Lead	ND	mg/L	0.001	0.005	EPA 239.2
Turbidity *	4.5	NTU	---	0.1	EPA 180.1

B - Actual analytical results are at the Method Detection Limit but below the Limit of Quantification.
* Analysis performed in the field.

CLIENT: Dunlop Tire
SAMPLE ID: OMW-B3
COLLECTION METHOD: Grab
COLLECTION DATE(S): 04/25/97
SAMPLE TYPE: Wastewater

AES CLIENT ID: DUNLOP
AES SAMPLE ID: 71QW-7
PROJECT ID: 71QW

Analytical Parameters	Analytical Results	Units	Method Detection Limits	Practical Quantifiable Limit	Method
1,1-Dichloroethane	ND	µg/L	2.0	10	SW 846 8240
1,1,1-Trichloroethane	ND	µg/L	2.0	10	SW 846 8240
1,2-Dichloroethylene (total)	ND	µg/L	2.0	10	SW 846 8240
Benzene	ND	µg/L	2.0	10	SW 846 8240
2-Butanone	ND	µg/L	6.0	10	SW 846 8240
Total Recoverable Phenolics	0.002 B	mg/L	0.002	0.004	EPA 9066
Total Arsenic	0.014	mg/L	0.002	0.005	EPA 206.2
Soluble Arsenic	0.010	mg/L	0.002	0.005	EPA 206.2
Total Cadmium	ND	mg/L	0.005	0.010	EPA 200.7
Soluble Cadmium	ND	mg/L	0.005	0.010	EPA 200.7
Total Chromium	ND	mg/L	0.005	0.010	EPA 200.7
Soluble Chromium	ND	mg/L	0.005	0.010	EPA 200.7
Total Lead	0.001 B	mg/L	0.001	0.005	EPA 239.2
Soluble Lead	ND	mg/L	0.001	0.005	EPA 239.2
Turbidity *	62.5	NTU	---	0.1	EPA 180.1

B - Actual analytical results are at the Method Detection Limit but below the Limit of Quantification.
* Analysis performed in the field.

CLIENT: Dunlop Tire
SAMPLE ID: Blind Duplicate
COLLECTION METHOD: Grab
COLLECTION DATE(S): 04/25/97
SAMPLE TYPE: Wastewater

AES CLIENT ID: DUNLOP
AES SAMPLE ID: 71QW-8

PROJECT ID: 71QW

Analytical Parameters	Analytical Results	Units	Method Detection Limits	Practical Quantifiable Limit	Method
1,1-Dichloroethane	ND	µg/L	2.0	10	SW 846 8240
1,1,1-Trichloroethane	ND	µg/L	2.0	10	SW 846 8240
1,2-Dichloroethylene (total)	ND	µg/L	2.0	10	SW 846 8240
Benzene	ND	µg/L	2.0	10	SW 846 8240
2-Butanone	ND	µg/L	6.0	10	SW 846 8240
Total Recoverable Phenolics	0.002 B	mg/L	0.002	0.004	EPA 9066
Total Arsenic	ND	mg/L	0.002	0.005	EPA 206.2
Total Cadmium	ND	mg/L	0.005	0.005	EPA 200.7
Total Chromium	0.006 B*	mg/L	0.005	0.010	EPA 200.7
Total Lead	ND	mg/L	0.001	0.005	EPA 239.2
Turbidity *	4.5	NTU	---	0.1	EPA 180.1

B - Actual analytical results are at the Method Detection Limit but below the Limit of Quantification.
B* - Actual analytical results are above the Method Detection Limit but below the Limit of Quantification.
* Analysis performed in the field.

CLIENT: Dunlop Tire
SAMPLE ID: Trip Blank
COLLECTION METHOD:
COLLECTION DATE(S): 04/25/97
SAMPLE TYPE: DI Water

AES CLIENT ID: DUNLOP
AES SAMPLE ID: 71QW-9
PROJECT ID: 71QW

Analytical Parameters	Analytical Results	Units	Method Detection Limits	Practical Quantifiable Limit	Method
1,1-Dichloroethane	ND	µg/L	2.0	10	SW 846 8240
1,2-Dichloroethylene (total)	ND	µg/L	2.0	10	SW 846 8240
2-Butanone	ND	µg/L	2.0	10	SW 846 8240
1,1,1-Trichloroethane	ND	µg/L	2.0	10	SW 846 8240
Benzene	ND	µg/L	6.0	10	SW 846 8240

CLIENT: Dunlop Tire
SAMPLE ID: METHOD BLANK
COLLECTION METHOD:
COLLECTION DATE(S):
SAMPLE TYPE:

AES CLIENT ID: DUNLOP

PROJECT ID: 71QW

Analytical Parameters	Analytical Results	Units	Method Detection Limits	Practical Quantifiable Limit	Method
1,1-Dichloroethane	ND	µg/L	2.0	10	SW 846 8240
1,1,1-Trichloroethane	ND	µg/L	2.0	10	SW 846 8240
1,2-Dichloroethylene (total)	ND	µg/L	2.0	10	SW 846 8240
Benzene	ND	µg/L	2.0	10	SW 846 8240
2-Butanone	ND	µg/L	6.0	10	SW 846 8240
Total Recoverable Phenolics	ND	mg/L	0.002	0.004	EPA 9066
Total Arsenic	ND	mg/L	0.002	0.005	EPA 206.2
Soluble Arsenic	ND	mg/L	0.002	0.005	EPA 206.2
Total Cadmium	ND	mg/L	0.005	0.010	EPA 200.7
Soluble Cadmium	ND	mg/L	0.005	0.010	EPA 200.7
Total Chromium	ND	mg/L	0.005	0.010	EPA 200.7
Soluble Chromium	ND	mg/L	0.005	0.010	EPA 200.7
Total Lead	ND	mg/L	0.001	0.005	EPA 239.2
Soluble Lead	ND	mg/L	0.001	0.005	EPA 239.2

Advanced Environmental Services, Inc.
Sample Traceability Report

Project Identification GMU 71QW

Sample #	Sample Collection	Group #	Run #	Prep Method	Prep Date	Analyst	Analytical Methodology	Analysis Date	Analyst
71QW-3	4-25-97	—	—	—	—	—	8240	5-5-97	MM
-4		—	—	—	—	—			
-5		—	—	—	—	—			
-6		—	—	—	—	—			
-7		—	—	—	—	—			
-8		—	—	—	—	—			
-9		—	—	—	—	—			

Please note: Areas in which no entry exists indicate that no sample preparation is required under the applied methodology

Advanced Environmental Services, Inc.
Sample Traceability Report

Project Identification GMU 7I2W

Sample #	Sample Collection	Group #	Run #	Prep Method	Prep Date	Analyst	Analytical Methodology	Analysis Date	Analyst
7I2W-1-8	4-25-97	2002	113	~~420.2~~ 9066 IR	5/6/97	mc	~~420.2~~ 9066 IR	5/6/97	MC

Please note: Areas marked by a dash indicate that no sample preparation is required under the applied methodology.

Advanced Environmental Services, Inc.
Sample Traceability Report

Project: CMW 71QW

Sample #	Date Collected	Group #	Run #	Prep Method	Prep Date	Analyst	Analytical Methodology	Analysis Date	Analyst
71QW 3,4,5 6,7,8	4/25/97	—	—	9.3	5/7/97	JY	200.7	5/8/97	AWR
			—	206.2	5/5/97	JY	206.2	5/7/97	AWR
		—		4.1.3	5/12/97	JK	239.2	5/13/97	JK
		—		—	—	—	206.2	5/9/97	AWR

Please note: Areas marked by a dash indicate that no sample preparation isrequired under the applied methodology.

CHAIN OF CUSTODY RECORD

ADVANCED
ENVIRONMENTAL SERVICES, INC.
2186 LIBERTY DRIVE
NIAGARA FALLS, NEW YORK 14304
(716) 283-3120
(800) 791-3120
FAX (716) 283-4727

PROJECT NAME: Dunlop Wells

SAMPLER'S SIGNATURE: [signature]

PROJECT I.D. #: 716W

JOB CODE: GMW

DATE	TIME	SAMPLE IDENTIFICATION	GRAB	COMP	SAMPLE TYPE	CONTAINER CLASSIFICATION: UNPRESERVED	HNO3	H2SO4	HCL	NAOH	VIAL (PRES.)	VIAL (UNPRES.)	TOTAL	PARAMETERS/REMARKS
4-25-97	9:10 am	CMW - C1	x		GROUNDWATER			1					1	PHENOL
	10:20 am	CMW - A6	x					1					1	"
	9:37 am	CMW - C7	x				1	1			3		5	T. METALS, PHENOL, VOLATILES
	10:00 am	CMW - C5	x				1	1			3		5	
	10:35 am	CMW - B4	x				1	1			3		5	
	10:55 am	CMW - A4	x				1	1			3		5	
	—	BLIND DUPLICATE	x				1	1			3		5	
	11:05 am	CMW - B3	x				2	1			3		6	, SOLUBLE METALS
	9:15 am	TRIP BLANK	x		D.I. WATER						2		2	VOLATILES

TOTAL NUMBER OF CONTAINERS

NOTE: Please indicate required analysis, and whom we may contact with questions, if you have not yet done so through your customer service representative.

	DATE	TIME	RECEIVED BY:
1. RELINQUISHED BY: [signature]	4-25-97	1:20 pm	[signature]
2. RELINQUISHED BY:	DATE	TIME	RECEIVED BY:
3. RELINQUISHED BY:	DATE	TIME	RECEIVED BY:

APPENDIX A

HISTORICAL DATA

Table 1
Summary of Groundwater Analytical Results - Detected Compounds
(All results in ug/L)

Parameter	ARAR + (ppb)	Action * Level	OMW-A6 (UPGRADIENT)								
			5/30/91 **	4/28/95	10/4/95	5/1/96	11/13/96	4/25/97			
1,1-Dichloroethene	5		5								
1,1-Dichloroethane	5		17								
1,2-Dichloroethene (Total)	5										
Chloroform	100		0.6 J								
1,1,1-Trichloroethane	5		80								
Benzene	0.7										
2-Butanone	N										
Acenaphthene	20G										
Fluorene	50										
Pnenanthrene	50										
Anthracene	50										
Dibenzofuran	50										
Total Phenols	1			8	12	U	U	4			
4,4'-DDE	ND										
Arsenic	25										
Cadmium	10										
Chromium	50			2.3B	1.4B						
Lead	25		25	3.9	4.4J						

\+ NYSDEC Ambient Water Quality Standards and Guidance Values, September 1990.
* Action levels are from the Long Term Monitoring Plan dated July 1994.
** Results from former upgradient monitoring well OMW-A3
G Guidance value.
J Indicates the value is less than the sample quantification limit but greater than zero.
B Indicates the value is less than the quantification limit but greater than or equal to the instrument detection limit.
U Indicates the value is not detected.

Table 1
Summary of Groundwater Analytical Results - Detected Compounds
(All results in ug/L)

Parameter	ARAR + (ppb)	Action * Level	OMW-C1 (UPGRADIENT)								
			5/29/91	4/28/95	10/4/95	5/1/96	11/13/96	4/25/97			
1,1-Dichloroethene	5										
1,1-Dichloroethane	5										
1,2-Dichloroethene (Total)	5										
Chloroform	100										
1,1,1-Trichloroethane	5										
Benzene	0.7										
2-Butanone	N										
Acenaphthene	20G										
Fluorene	50										
Pnenanthrene	50										
Anthracene	50										
Dibenzofuran	50										
Total Phenols	1				15	U	U	U			
4,4'-DDE	ND										
Arsenic	25										
Cadmium	10										
Chromium	50			6.6 B	2.1 B						
Lead	25		14								

+ NYSDEC Ambient Water Quality Standards and Guidance Values, September 1990.
* Action levels are from the Long Term Monitoring Plan dated July 1994.
** Results from former upgradient monitoring well OMW-A3
G Guidance value.
J Indicates the value is less than the sample quantification limit but greater than zero.
B Indicates the value is less than the quantification limit but greater than or equal to the instrument detection limit.
U Indicates the value is not detected.

Table 1
Summary of Groundwater Analytical Results - Detected Compounds
(All results in ug/L)

Parameter	ARAR + (ppb)	Action * Level	OMW-C7								
			5/1/96	11/13/96	4/25/97						
1,1-Dichloroethene	5										
1,1-Dichloroethane	5		U	U	U						
1,2-Dichloroethene (Total)	5		U	U	U						
Chloroform	100										
1,1,1-Trichloroethane	5		U	U	U						
Benzene	0.7		U	U	U						
2-Butanone	N		U	U	U						
Acenaphthene	20G										
Fluorene	50										
Pnenanthrene	50										
Anthracene	50										
Dibenzofuran	50										
Total Phenols	1		U	U	U						
4,4'-DDE	ND										
Arsenic	25		U	U	U						
Cadmium	10		U	U	U						
Chromium	50		30	U	7 B						
Lead	25		U	U	2 B						

+ NYSDEC Ambient Water Quality Standards and Guidance Values, September 1990.
* Action levels are from the Long Term Monitoring Plan dated July 1994.
** Results from former upgradient monitoring well OMW-A3
G Guidance value.
J Indicates the value is less than the sample quantification limit but greater than zero.
B Indicates the value is less than the quantification limit but greater than or equal to the instrument detection limit.
U Indicates the value is not detected.

Table 1
Summary of Groundwater Analytical Results - Detected Compounds
(All results in ug/L)

Parameter	ARAR + (ppb)	Action * Level	OMW-C5								
			5/1/96	11/13/96	4/25/97						
1,1-Dichloroethene	5										
1,1-Dichloroethane	5		U	U	U						
1,2-Dichloroethene (Total)	5		U	U	U						
Chloroform	100										
1,1,1-Trichloroethane	5		U	U	U						
Benzene	0.7		U	U	U						
2-Butanone	N		U	U	U						
Acenaphthene	20G										
Fluorene	50										
Pnenanthrene	50										
Anthracene	50										
Dibenzofuran	50										
Total Phenols	1		U	4	U						
4,4'-DDE	ND										
Arsenic	25		U	U	U						
Cadmium	10		U	U	U						
Chromium	50		20	U	24						
Lead	25		U	U	2 B						

\+ NYSDEC Ambient Water Quality Standards and Guidance Values, September 1990.
* Action levels are from the Long Term Monitoring Plan dated July 1994.
** Results from former upgradient monitoring well OMW-A3
G Guidance value.
J Indicates the value is less than the sample quantification limit but greater than zero.
B Indicates the value is less than the quantification limit but greater than or equal to the instrument detection limit.
U Indicates the value is not detected.

Table 1
Summary of Groundwater Analytical Results - Detected Compounds
(All results in ug/L)

Parameter	ARAR + (ppb)	Action * Level	OMW-A4 (DOWNGRADIENT)								
			5/30/91 **	4/28/95	10/4/95	5/1/96	11/13/96	4/25/97			
1,1-Dichloroethene	5										
1,1-Dichloroethane	5					U	U	U			
1,2-Dichloroethene (Total)	5					U	U	U			
Chloroform	100										
1,1,1-Trichloroethane	5					U	U	U			
Benzene	0.7					U	U	U			
2-Butanone	N					U	U	U			
Acenaphthene	20G										
Fluorene	50										
Pnenanthrene	50										
Anthracene	50										
Dibenzofuran	50										
Total Phenols	1				19	U	U	U			
4,4'-DDE	ND										
Arsenic	25		69			U	U	U			
Cadmium	10		330			22	U	U			
Chromium	50		365	4.1 B		20	U	U			
Lead	25		46			U	U	U			

\+ NYSDEC Ambient Water Quality Standards and Guidance Values, September 1990.
* Action levels are from the Long Term Monitoring Plan dated July 1994.
** Results from former upgradient monitoring well OMW-A3
G Guidance value.
J Indicates the value is less than the sample quantification limit but greater than zero.
B Indicates the value is less than the quantification limit but greater than or equal to the instrument detection limit.
U Indicates the value is not detected.

Table 1
Summary of Groundwater Analytical Results - Detected Compounds
(All results in ug/L)

Parameter	ARAR + (ppb)	Action * Level	OMW-B4								
			5/29/91 **	4/28/95	10/4/95	5/1/96	11/13/96	4/25/97			
1,1-Dichloroethene	5										
1,1-Dichloroethane	5	5				U	U	U			
1,2-Dichloroethene (Total)	5	5				U	U	U			
Chloroform	100										
1,1,1-Trichloroethane	5	5				U	U	U			
Benzene	0.7	2	1			U	U	U			
2-Butanone	N					U	U	U			
Acenaphthene	20G										
Fluorene	50										
Pnenanthrene	50										
Anthracene	50										
Dibenzofuran	50										
Total Phenols	1	1			8	U	U	2 B			
4,4'-DDE	ND										
Arsenic	25	25				U	U	U			
Cadmium	10	28	14			U	U	U			
Chromium	50	178	89		1.1 B	20	U	U			
Lead	25	52	26			U	U	U			

\+ NYSDEC Ambient Water Quality Standards and Guidance Values, September 1990.
* Action levels are from the Long Term Monitoring Plan dated July 1994.
** Results from former upgradient monitoring well OMW-A3
G Guidance value.
J Indicates the value is less than the sample quantification limit but greater than zero.
B Indicates the value is less than the quantification limit but greater than or equal to the instrument detection limit.
U Indicates the value is not detected.

Table 1
Summary of Groundwater Analytical Results - Detected Compounds
(All results in ug/L)

Parameter	ARAR + (ppb)	Action * Level	OMW-B3 (DOWNGRADIENT)								
			5/29/91	5/16/95	10/4/95	5/1/96	11/13/96	4/25/97			
1,1-Dichloroethene	5					U					
1,1-Dichloroethane	5					U	U	U			
1,2-Dichloroethene (Total)	5					U	U	U			
Chloroform	100					U					
1,1,1-Trichloroethane	5					U	U	U			
Benzene	0.7					U	U	U			
2-Butanone	N					U	U	U			
Acenaphthene	20G		2 J	3 J	2 J						
Fluorene	50			2 J	1 J						
Pnenanthrene	50			3 J	0.3 J						
Anthracene	50			0.7 J	0.2 J						
Dibenzofuran	50			1 J	0.6 J						
Total Phenols	1			5	17	U	4	2 B			
4,4'-DDE	ND		0.12 J								
Arsenic	25		7 B	2.2 B	8.1 B	6	10	14			
Cadmium	10					U	U	U			
Chromium	50			1.6 B	5 B	U	U	U			
Lead	25		16	3.1	15.3 J	U	U	1 B			

\+ NYSDEC Ambient Water Quality Standards and Guidance Values, September 1990.
* Action levels are from the Long Term Monitoring Plan dated July 1994.
** Results from former upgradient monitoring well OMW-A3
G Guidance value.
J Indicates the value is less than the sample quantification limit but greater than zero.
B Indicates the value is less than the quantification limit but greater than or equal to the instrument detection limit.
U Indicates the value is not detected.

Table 1
Summary of Groundwater Analytical Results - Detected Compounds
(All results in ug/L)

Parameter	ARAR + (ppb)	Action * Level	OMW-B3 (DOWNGRADIENT)								
			5/1/96	11/13/96	4/25/97						
Soluble Arsenic			U		10						
Soluble Cadmium			U		U						
Soluble Chromium			U		U						
Soluble Lead			U		U						

\+ NYSDEC Ambient Water Quality Standards and Guidance Values, September 1990.
* Action levels are from the Long Term Monitoring Plan dated July 1994.
** Results from former upgradient monitoring well OMW-A3
G Guidance value.
J Indicates the value is less than the sample quantification limit but greater than zero.
B Indicates the value is less than the quantification limit but greater than or equal to the instrument detection limit.
U Indicates the value is not detected.

Table 1
Summary of Groundwater Analytical Results - Detected Compounds
(All results in ug/L)

Parameter	ARAR + (ppb)	Action * Level	BLIND DUPLICATE								
			5/1/96	11/13/96	4/25/97						
1,1-Dichloroethene	5										
1,1-Dichloroethane	5		U	U	U						
1,2-Dichloroethene (Total)	5		U	U	U						
Chloroform	100										
1,1,1-Trichloroethane	5		U	U	U						
Benzene	0.7		U	U	U						
2-Butanone	N		U	U	U						
Acenaphthene	20G										
Fluorene	50										
Pnenanthrene	50										
Anthracene	50										
Dibenzofuran	50										
Total Phenols	1		U	U	2 B						
4,4'-DDE	ND										
Arsenic	25		U	90	U						
Cadmium	10		U	6	U						
Chromium	50		40	U	6 B						
Lead	25		U	8	U						

\+ NYSDEC Ambient Water Quality Standards and Guidance Values, September 1990.
* Action levels are from the Long Term Monitoring Plan dated July 1994.
** Results from former upgradient monitoring well OMW-A3
G Guidance value.
J Indicates the value is less than the sample quantification limit but greater than zero.
B Indicates the value is less than the quantification limit but greater than or equal to the instrument detection limit.
U Indicates the value is not detected.

Table 1
Summary of Groundwater Analytical Results - Detected Compounds
(All results in ug/L)

Parameter	ARAR + (ppb)	Action * Level	TRIP BLANK								
			5/1/96	11/13/96	4/25/97						
1,1-Dichloroethene	5										
1,1-Dichloroethane	5		U	U	U						
1,2-Dichloroethene (Total)	5		U	U	U						
Chloroform	100										
1,1,1-Trichloroethane	5		U	U	U						
Benzene	0.7		U	U	U						
2-Butanone	N		U	U	U						
Acenaphthene	20G										
Fluorene	50										
Pnenanthrene	50										
Anthracene	50										
Dibenzofuran	50										
Total Phenols	1										
4,4'-DDE	ND										
Arsenic	25										
Cadmium	10										
Chromium	50										
Lead	25										

\+ NYSDEC Ambient Water Quality Standards and Guidance Values, September 1990.
* Action levels are from the Long Term Monitoring Plan dated July 1994.
** Results from former upgradient monitoring well OMW-A3
G Guidance value.
J Indicates the value is less than the sample quantification limit but greater than zero.
B Indicates the value is less than the quantification limit but greater than or equal to the instrument detection limit.
U Indicates the value is not detected.

Table 1
Summary of Groundwater Analytical Results - Detected Compounds
(All results in ug/L)

Parameter	ARAR + (ppb)	Action * Level	METHOD BLANK								
			5/1/96	11/13/96	4/25/97						
1,1-Dichloroethene	5										
1,1-Dichloroethane	5		U	U	U						
1,2-Dichloroethene (Total)	5		U	U	U						
Chloroform	100		U								
1,1,1-Trichloroethane	5		U	U	U						
Benzene	0.7		U	U	U						
2-Butanone	N		U	U	U						
Acenaphthene	20G										
Fluorene	50										
Pnenanthrene	50										
Anthracene	50										
Dibenzofuran	50										
Total Phenols	1		U	U	U						
4,4'-DDE	ND										
Arsenic	25		U	U	U						
Cadmium	10		U	U	U						
Chromium	50		U	U	U						
Lead	25		U	U	U						

+ NYSDEC Ambient Water Quality Standards and Guidance Values, September 1990.
* Action levels are from the Long Term Monitoring Plan dated July 1994.
** Results from former upgradient monitoring well OMW-A3
G Guidance value.
J Indicates the value is less than the sample quantification limit but greater than zero.
B Indicates the value is less than the quantification limit but greater than or equal to the instrument detection limit.
U Indicates the value is not detected.

Table 1
Summary of Groundwater Analytical Results - Detected Compounds
(All results in ug/L)

Parameter	ARAR + (ppb)	Action * Level	METHOD BLANK								
			5/1/96	11/13/96	4/25/97						
Soluble Arsenic			U		U						
Soluble Cadmium			U		U						
Soluble Chromium			U		U						
Soluble Lead			U		U						

+ NYSDEC Ambient Water Quality Standards and Guidance Values, September 1990.
* Action levels are from the Long Term Monitoring Plan dated July 1994.
** Results from former upgradient monitoring well OMW-A3
G Guidance value.
J Indicates the value is less than the sample quantification limit but greater than zero.
B Indicates the value is less than the quantification limit but greater than or equal to the instrument detection limit.
U Indicates the value is not detected.

DUNLOP
TIRE CORPORATION

GM

EXCELLENCE THROUGH TEAMWORK

November 24, 1997

Glen May
NYS Dept. of Environmental Conservation
270 Michigan Ave.
Buffalo, NY 14203-2999

Dear Mr. May:

Attached find the analytical results of the groundwater samples taken on October 29, 1997, for our three inactive landfill sites following the requested reporting format.

Analytical results continue to confirm that closure of the three inactive landfills have effectively eliminated the migration of contaminants. Again request a copy of the analyticals from your laboratory, run on the split samples taken on the above date.

Per our discussion and review of the Long Term Monitoring Plan for our Landfill wells, we will be sampling only once in the Spring of 1998.

Should any further information be required, call me at 879-8536.

Respectfully,

Daniel T. Parshall
Energy/Environmental Eng.

CC: M. Kaczynski
D. Pyanowski

DUNLOP TIRE

ENVIRONMENTAL MONITORING OF INACTIVE WASTE SITES 915018 A, B, AND C

OCTOBER 1997

Prepared By

ADVANCED ENVIRONMENTAL SERVICES INC.

"A Company Dedicated to Honesty, Quality and Service"

November 20, 1997
REF: GMU735Z/CLOS
Lab ID No. 10233

QA/QC VERIFICATION FOR PROJECT ID 735Z

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.

Metals Department

Inorganic Chemistry

Organic Chemistry

Field Services

W. Joseph McDougall

Quality Control

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
- D - Indicates a dilution was required

Advanced Environmental Services, Inc.
2186 Liberty Drive
Niagara Falls, New York 14304
(716) 283-3120

QUARTERLY GROUNDWATER MONITORING - FIELD PARAMETER INFORMATION
October 29, 1997 thru October 30, 1997

Dunlop Tire

Tonawanda, New York

AES Code: GMU **Project I.D. # 735Z**

Monitoring Well Identification	Sampling Date	Sampling Time	Sampling Elavation (feet)	Turbidity (NTU)	Appearance/Observations
C - 1	10/30/97	9:35 AM	11.21	28.0	Clear to Tan
C - 5	10/30/97	10:15 AM	26.16	27.0	Clear
C - 7	10/30/97	10:00 AM	17.72	28.0	Clear to Tan
OMW - A4	10/30/97	10:55 AM	19.14	25.0	Slightly Cloudy
OMW - A6	10/30/97	10:35 AM	17.70	29.0	Clear
OMW - B3	10/30/97	11:05 AM	13.47	140.0	Tan Tint
OMW - B4	10/30/97	9:07 AM	16.82	25.0	Clear

Weather Conditions: October 29, 1997 - Cloudy 40 F
October 30, 1997 - Sunny 40 F

Field Technician Date

Advanced Environmental Services, Inc.
2186 Liberty Drive
Niagara Falls, New York 14304
(716) 283-3120

QUARTERLY GROUNDWATER MONITORING - WELL INFORMATION
October 29, 1997 thru October 30, 1997

Dunlop Tire

Tonawanda, New York

AES Code: GMU **Project I.D. # 735Z**

Monitoring Well I.D.	Evacuation Date	Monitoring Well Diameter	Water Level (ft.)	Bottom of Well (ft.)	Volume of Standing Water (gallons)	Volume of Evacuated Water (gallons)	Recharge Rate
C - 1	10/29/97	2	3.71	19.52	2.58	5.2 (DRY)	S
C - 5	10/29/97	2	6.51	29.32	3.72	12.00	R
C - 7	10/29/97	2	6.25	23.26	2.78	4.75 (DRY)	S
OMW - A4	10/29/97	2	8.34	25.42	2.79	5.5 (Dry)	S
OMW - A6	10/29/97	2	6.21	23.05	2.75	6.25 (Dry)	S
OMW - B3	10/29/97	2	7.19	16.96	1.59	3.25 (Dry)	S
OMW - B4	10/29/97	2	7.63	22.25	2.39	4.0 (DRY)	S

Abbreviations:

VS = Very Slow ----- Recharge Rate longer than 24 hr period.
S = Slow ---------- Recharge Rate within 24 hr period.
R = Rapid --------- Recharge Rate within 1 hr period.
C = Continuous ---- Recharge Rate immediate.

11-19-97
Field Technician Date

Advanced Environmental Services, Inc.
2186 Liberty Drive
Niagara Falls, New York 14304
(716) 283-3120

QUARTERLY GROUNDWATER MONITORING - FIELD PARAMETER INFORMATION
October 29, 1997 thru October 30, 1997

Dunlop Tire

Tonawanda, New York

AES Code: GMU **Project I.D. # 735Z**

Well Purge Volume Field Parameters

AFETR 1 VOLUME PURGED

WELL	pH	CONDUCTIVITY	TURBIDITY
OMW-C1	7.14	3,870	350
OMW-C7	7.12	3,750	60
OMW-C5	7.02	2,680	89
OMW-B3	6.41	2,050	190
OMW-B4	7.01	3,670	72
OMW-A6	7.21	1,350	120
OMW-A4	7.05	6,820	78

AFETR 2 VOLUMES PURGED

WELL	pH	CONDUCTIVITY	TURBIDITY
OMW-C1	6.91	3,930	480
OMW-C7	7.11	3,830	440
OMW-C5	7.05	2,650	86
OMW-B3	6.49	2,030	290
OMW-A6	7.23	1,320	240
OMW-A4	6.78	7,450	240

AFETR 3 VOLUMES PURGED

WELL	pH	CONDUCTIVITY	TURBIDITY
OMW-C5	7.01	2,610	220

CLIENT: Dunlop Tire
SAMPLE ID: OMW-A6
COLLECTION METHOD: Grab
COLLECTION DATE(S): 10/30/97
SAMPLE TYPE: Wastewater

AES CLIENT ID: DUNLOP
AES SAMPLE ID: 735Z-1
PROJECT ID: 735Z

Analytical Parameters	Analytical Results	Units	Practical Quantifiable Limit	Method
Total Recoverable Phenolics	0.007	mg/L	0.004	EPA 9066
Turbidity *	29	NTU	0.1	EPA 180.1

* Analysis performed in the field.

CLIENT: Dunlop Tire
SAMPLE ID: OMW-C1
COLLECTION METHOD: Grab
COLLECTION DATE(S): 10/30/97
SAMPLE TYPE: Wastewater

AES CLIENT ID: DUNLOP
AES SAMPLE ID: 735Z-2
PROJECT ID: 735Z

Analytical Parameters	Analytical Results	Units	Practical Quantifiable Limit	Method
Total Recoverable Phenolics	ND	mg/L	0.004	EPA 9066
Turbidity *	28	NTU	0.1	EPA 180.1

* Analysis performed in the field.

CLIENT: Dunlop Tire
SAMPLE ID: OMW-C7
COLLECTION METHOD: Grab
COLLECTION DATE(S): 10/30/97
SAMPLE TYPE: Wastewater

AES CLIENT ID: DUNLOP
AES SAMPLE ID: 735Z-3

PROJECT ID: 735Z

Analytical Parameters	Analytical Results	Units	Practical Quantifiable Limit	Method
1,1-Dichloroethane	ND	µg/L	10	SW 846 8240
1,1,1-Trichloroethane	ND	µg/L	10	SW 846 8240
1,2-Dichloroethylene (total)	ND	µg/L	10	SW 846 8240
Benzene	ND	µg/L	10	SW 846 8240
2-Butanone	ND	µg/L	10	SW 846 8240
Total Recoverable Phenolics	ND	mg/L	0.004	EPA 9066
Total Arsenic	ND	mg/L	0.002	EPA 206.2
Total Cadmium	ND	mg/L	0.016	EPA 200.7
Total Chromium	ND	mg/L	0.014	EPA 200.7
Total Lead	ND	mg/L	0.002	EPA 239.2
Turbidity *	28	NTU	0.1	EPA 180.1

* Analysis performed in the field.

CLIENT: Dunlop Tire
SAMPLE ID: OMW-C5
COLLECTION METHOD: Grab
COLLECTION DATE(S): 10/30/97
SAMPLE TYPE: Wastewater

AES CLIENT ID: DUNLOP
AES SAMPLE ID: 7352-4

PROJECT ID: 7352

Analytical Parameters	Analytical Results	Units	Practical Quantifiable Limit	Method
1,1-Dichloroethane	ND	µg/L	10	SW 846 8240
1,1,1-Trichloroethane	ND	µg/L	10	SW 846 8240
1,2-Dichloroethylene (total)	ND	µg/L	10	SW 846 8240
Benzene	ND	µg/L	10	SW 846 8240
2-Butanone	ND	µg/L	10	SW 846 8240
Total Recoverable Phenolics	ND	mg/L	0.004	EPA 9066
Total Arsenic	ND	mg/L	0.002	EPA 206.2
Total Cadmium	ND	mg/L	0.016	EPA 200.7
Total Chromium	0.017	mg/L	0.014	EPA 200.7
Total Lead	0.007	mg/L	0.002	EPA 239.2
Turbidity *	27	NTU	0.1	EPA 180.1

* Analysis performed in the field.

CLIENT: Dunlop Tire
SAMPLE ID: OMW-A4
COLLECTION METHOD: Grab
COLLECTION DATE(S): 10/30/97
SAMPLE TYPE: Wastewater

AES CLIENT ID: DUNLOP
AES SAMPLE ID: 735Z-5

PROJECT ID: 735Z

Analytical Parameters	Analytical Results	Units	Practical Quantifiable Limit	Method
1,1-Dichloroethane	ND	µg/L	10	SW 846 8240
1,1,1-Trichloroethane	ND	µg/L	10	SW 846 8240
1,2-Dichloroethylene (total)	ND	µg/L	10	SW 846 8240
Benzene	ND	µg/L	10	SW 846 8240
2-Butanone	ND	µg/L	10	SW 846 8240
Total Recoverable Phenolics	ND	mg/L	0.004	EPA 9066
Total Arsenic	ND	mg/L	0.002	EPA 206.2
Total Cadmium	ND	mg/L	0.016	EPA 200.7
Total Chromium	ND	mg/L	0.014	EPA 200.7
Total Lead	ND	mg/L	0.002	EPA 239.2
Turbidity *	25	NTU	0.1	EPA 180.1

* Analysis performed in the field.

CLIENT: Dunlop Tire
SAMPLE ID: OMW-B4
COLLECTION METHOD: Grab
COLLECTION DATE(S): 10/30/97
SAMPLE TYPE: Wastewater

AES CLIENT ID: DUNLOP
AES SAMPLE ID: 735Z-6

PROJECT ID: 735Z

Analytical Parameters	Analytical Results	Units	Practical Quantifiable Limit	Method
1,1-Dichloroethane	ND	µg/L	10	SW 846 8240
1,1,1-Trichloroethane	ND	µg/L	10	SW 846 8240
1,2-Dichloroethylene (total)	ND	µg/L	10	SW 846 8240
Benzene	ND	µg/L	10	SW 846 8240
2-Butanone	ND	µg/L	10	SW 846 8240
Total Recoverable Phenolics	ND	mg/L	0.004	EPA 9066
Total Arsenic	ND	mg/L	0.002	EPA 206.2
Total Cadmium	ND	mg/L	0.016	EPA 200.7
Total Chromium	ND	mg/L	0.014	EPA 200.7
Total Lead	ND	mg/L	0.002	EPA 239.2
Turbidity *	25	NTU	0.1	EPA 180.1

* Analysis performed in the field.

CLIENT: Dunlop Tire
SAMPLE ID: OMW-B3
COLLECTION METHOD: Grab
COLLECTION DATE(S): 10/30/97
SAMPLE TYPE: Wastewater

AES CLIENT ID: DUNLOP
AES SAMPLE ID: 735Z-7

PROJECT ID: 735Z

Analytical Parameters	Analytical Results	Units	Practical Quantifiable Limit	Method
1,1-Dichloroethane	ND	µg/L	10	SW 846 8240
1,1,1-Trichloroethane	ND	µg/L	10	SW 846 8240
1,2-Dichloroethylene (total)	ND	µg/L	10	SW 846 8240
Benzene	ND	µg/L	10	SW 846 8240
2-Butanone	ND	µg/L	10	SW 846 8240
Total Recoverable Phenolics	ND	mg/L	0.004	EPA 9066
Total Arsenic	0.014	mg/L	0.002	EPA 206.2
Total Cadmium	ND	mg/L	0.016	EPA 200.7
Total Chromium	ND	mg/L	0.014	EPA 200.7
Total Lead	ND	mg/L	0.002	EPA 239.2
Turbidity *	140	NTU	0.1	EPA 180.1

* Analysis performed in the field.

CLIENT: Dunlop Tire
SAMPLE ID: Blind Duplicate
COLLECTION METHOD: Grab
COLLECTION DATE(S): 10/30/97
SAMPLE TYPE: Wastewater

AES CLIENT ID: DUNLOP
AES SAMPLE ID: 735Z-8

PROJECT ID: 735Z

Analytical Parameters	Analytical Results	Units	Practical Quantifiable Limit	Method
1,1-Dichloroethane	ND	µg/L	10	SW 846 8240
1,1,1-Trichloroethane	ND	µg/L	10	SW 846 8240
1,2-Dichloroethylene (total)	ND	µg/L	10	SW 846 8240
Benzene	ND	µg/L	10	SW 846 8240
2-Butanone	ND	µg/L	10	SW 846 8240
Total Recoverable Phenolics	ND	mg/L	0.004	EPA 9066
Total Arsenic	ND	mg/L	0.002	EPA 206.2
Total Cadmium	ND	mg/L	0.016	EPA 200.7
Total Chromium	0.015	mg/L	0.014	EPA 200.7
Total Lead	0.005	mg/L	0.002	EPA 239.2
Turbidity *	28	NTU	0.1	EPA 180.1

* Analysis performed in the field.

CLIENT: Dunlop Tire
SAMPLE ID: Trip Blank
COLLECTION METHOD:
COLLECTION DATE(S): 10/30/97
SAMPLE TYPE: DI Water

AES CLIENT ID: DUNLOP
AES SAMPLE ID: 735Z-9

PROJECT ID: 735Z

Analytical Parameters	Analytical Results	Units	Practical Quantifiable Limit	Method
1,1-Dichloroethane	ND	µg/L	10	SW 846 8240
1,2-Dichloroethylene (total)	ND	µg/L	10	SW 846 8240
2-Butanone	ND	µg/L	10	SW 846 8240
1,1,1-Trichloroethane	ND	µg/L	10	SW 846 8240
Benzene	ND	µg/L	10	SW 846 8240

CLIENT: Dunlop Tire
SAMPLE ID: METHOD BLANK
COLLECTION METHOD:
COLLECTION DATE(S):
SAMPLE TYPE:

AES CLIENT ID: DUNLOP

PROJECT ID: 735Z

Analytical Parameters	Analytical Results	Units	Practical Quantifiable Limit	Method
1,1-Dichloroethane	ND	µg/L	10	SW 846 8240
1,1,1-Trichloroethane	ND	µg/L	10	SW 846 8240
1,2-Dichloroethylene (total)	ND	µg/L	10	SW 846 8240
Benzene	ND	µg/L	10	SW 846 8240
2-Butanone	ND	µg/L	10	SW 846 8240
Total Recoverable Phenolics	ND	mg/L	0.004	EPA 9066
Total Arsenic	ND	mg/L	0.002	EPA 206.2
Total Cadmium	ND	mg/L	0.016	EPA 200.7
Total Chromium	ND	mg/L	0.014	EPA 200.7
Total Lead	ND	mg/L	0.002	EPA 239.2

APPENDIX A

SUMMARY DATA

Table 1
Summary of Groundwater Analytical Results - Detected Compounds
(All results in ug/L)

Parameter	ARAR + (ppb)	Action * Level	OMW-A6 (UPGRADIENT)								
			5/30/91 **	4/28/95	10/4/95	5/1/96	11/13/96	4/25/97	10/30/97		
1,1-Dichloroethene	5		5								
1,1-Dichloroethane	5		17								
1,2-Dichloroethene (Total)	5										
Chloroform	100		0.6 J								
1,1,1-Trichloroethane	5		80								
Benzene	0.7										
2-Butanone	N										
Acenaphthene	20G										
Fluorene	50										
Pnenanthrene	50										
Anthracene	50										
Dibenzofuran	50										
Total Phenols	1			8	12	U	U	4	7		
4,4'-DDE	ND										
Arsenic	25										
Cadmium	10										
Chromium	50			2.3B	1.4B						
Lead	25		25	3.9	4.4J						

+ NYSDEC Ambient Water Quality Standards and Guidance Values, September 1990.
* Action levels are from the Long Term Monitoring Plan dated July 1994.
** Results from former upgradient monitoring well OMW-A3
G Guidance value.
J Indicates the value is less than the sample quantification limit but greater than zero.
B Indicates the value is less than the quantification limit but greater than or equal to the instrument detection limit.
U Indicates the value is not detected.

Table 1
Summary of Groundwater Analytical Results - Detected Compounds
(All results in ug/L)

Parameter	ARAR + (ppb)	Action * Level	OMW-C1 (UPGRADIENT)								
			5/29/91	4/28/95	10/4/95	5/1/96	11/13/96	4/25/97	10/30/97		
1,1-Dichloroethene	5										
1,1-Dichloroethane	5										
1,2-Dichloroethene (Total)	5										
Chloroform	100										
1,1,1-Trichloroethane	5										
Benzene	0.7										
2-Butanone	N										
Acenaphthene	20G										
Fluorene	50										
Pnenanthrene	50										
Anthracene	50										
Dibenzofuran	50										
Total Phenols	1				15	U	U	U	U		
4,4'-DDE	ND										
Arsenic	25										
Cadmium	10										
Chromium	50			6.6 B	2.1 B						
Lead	25		14								

+ NYSDEC Ambient Water Quality Standards and Guidance Values, September 1990.
* Action levels are from the Long Term Monitoring Plan dated July 1994.
** Results from former upgradient monitoring well OMW-A3
G Guidance value.
J Indicates the value is less than the sample quantification limit but greater than zero.
B Indicates the value is less than the quantification limit but greater than or equal to the instrument detection limit.
U Indicates the value is not detected.

Table 1
Summary of Groundwater Analytical Results - Detected Compounds
(All results in ug/L)

Parameter	ARAR + (ppb)	Action * Level	OMW-C7								
			5/1/96	11/13/96	4/25/97	10/30/97					
1,1-Dichloroethene	5										
1,1-Dichloroethane	5		U	U	U	U					
1,2-Dichloroethene (Total)	5		U	U	U	U					
Chloroform	100										
1,1,1-Trichloroethane	5		U	U	U	U					
Benzene	0.7		U	U	U	U					
2-Butanone	N		U	U	U	U					
Acenaphthene	20G										
Fluorene	50										
Pnenanthrene	50										
Anthracene	50										
Dibenzofuran	50										
Total Phenols	1		U	U	U	U					
4,4'-DDE	ND										
Arsenic	25		U	U	U	U					
Cadmium	10		U	U	U	U					
Chromium	50		30	U	7 B	U					
Lead	25		U	U	2 B	U					

\+ NYSDEC Ambient Water Quality Standards and Guidance Values, September 1990.
* Action levels are from the Long Term Monitoring Plan dated July 1994.
** Results from former upgradient monitoring well OMW-A3
G Guidance value.
J Indicates the value is less than the sample quantification limit but greater than zero.
B Indicates the value is less than the quantification limit but greater than or equal to the instrument detection limit.
U Indicates the value is not detected.

Table 1
Summary of Groundwater Analytical Results - Detected Compounds
(All results in ug/L)

Parameter	ARAR + (ppb)	Action * Level	OMW-C5								
			5/1/96	11/13/96	4/25/97	10/30/97					
1,1-Dichloroethene	5										
1,1-Dichloroethane	5		U	U	U	U					
1,2-Dichloroethene (Total)	5		U	U	U	U					
Chloroform	100										
1,1,1-Trichloroethane	5		U	U	U	U					
Benzene	0.7		U	U	U	U					
2-Butanone	N		U	U	U	U					
Acenaphthene	20G										
Fluorene	50										
Pnenanthrene	50										
Anthracene	50										
Dibenzofuran	50										
Total Phenols	1		U	4	U	U					
4,4'-DDE	ND										
Arsenic	25		U	U	U	U					
Cadmium	10		U	U	U	U					
Chromium	50		20	U	24	17					
Lead	25		U	U	2 B	7					

+ NYSDEC Ambient Water Quality Standards and Guidance Values, September 1990.
* Action levels are from the Long Term Monitoring Plan dated July 1994.
** Results from former upgradient monitoring well OMW-A3
G Guidance value.
J Indicates the value is less than the sample quantification limit but greater than zero.
B Indicates the value is less than the quantification limit but greater than or equal to the instrument detection limit.
U Indicates the value is not detected.

Table 1
Summary of Groundwater Analytical Results - Detected Compounds
(All results in ug/L)

Parameter	ARAR + (ppb)	Action * Level	OMW-A4 (DOWNGRADIENT)								
			5/30/91 **	4/28/95	10/4/95	5/1/96	11/13/96	4/25/97	10/30/97		
1,1-Dichloroethene	5										
1,1-Dichloroethane	5					U	U	U	U		
1,2-Dichloroethene (Total)	5					U	U	U	U		
Chloroform	100										
1,1,1-Trichloroethane	5					U	U	U	U		
Benzene	0.7					U	U	U	U		
2-Butanone	N					U	U	U	U		
Acenaphthene	20G										
Fluorene	50										
Pnenanthrene	50										
Anthracene	50										
Dibenzofuran	50										
Total Phenols	1				19	U	U	U	U		
4,4'-DDE	ND										
Arsenic	25		69			U	U	U	U		
Cadmium	10		330			22	U	U	U		
Chromium	50		365	4.1 B		20	U	U	U		
Lead	25		46			U	U	U	U		

\+ NYSDEC Ambient Water Quality Standards and Guidance Values, September 1990.
* Action levels are from the Long Term Monitoring Plan dated July 1994.
** Results from former upgradient monitoring well OMW-A3
G Guidance value.
J Indicates the value is less than the sample quantification limit but greater than zero.
B Indicates the value is less than the quantification limit but greater than or equal to the instrument detection limit.
U Indicates the value is not detected.

Table 1
Summary of Groundwater Analytical Results - Detected Compounds
(All results in ug/L)

Parameter	ARAR + (ppb)	Action * Level	OMW-B4 (DOWNGRADIENT)								
			5/29/91 **	4/28/95	10/4/95	5/1/96	11/13/96	4/25/97	10/30/97		
1,1-Dichloroethene	5										
1,1-Dichloroethane	5	5				U	U	U	U		
1,2-Dichloroethene (Total)	5	5				U	U	U	U		
Chloroform	100										
1,1,1-Trichloroethane	5	5				U	U	U	U		
Benzene	0.7	2	1			U	U	U	U		
2-Butanone	N					U	U	U	U		
Acenaphthene	20G										
Fluorene	50										
Pnenanthrene	50										
Anthracene	50										
Dibenzofuran	50										
Total Phenols	1	1			8	U	U	2 B	U		
4,4'-DDE	ND										
Arsenic	25	25				U	U	U	U		
Cadmium	10	28	14			U	U	U	U		
Chromium	50	178	89		1.1 B	20	U	U	U		
Lead	25	52	26			U	U	U	U		

\+ NYSDEC Ambient Water Quality Standards and Guidance Values, September 1990.
* Action levels are from the Long Term Monitoring Plan dated July 1994.
** Results from former upgradient monitoring well OMW-A3
G Guidance value.
J Indicates the value is less than the sample quantification limit but greater than zero.
B Indicates the value is less than the quantification limit but greater than or equal to the instrument detection limit.
U Indicates the value is not detected.

Table 1
Summary of Groundwater Analytical Results - Detected Compounds
(All results in ug/L)

Parameter	ARAR + (ppb)	Action * Level	OMW-B3 (DOWNGRADIENT)								
			5/29/91	5/16/95	10/4/95	5/1/96	11/13/96	4/25/97	10/30/97		
1,1-Dichloroethene	5					U					
1,1-Dichloroethane	5					U	U	U	U		
1,2-Dichloroethene (Total)	5					U	U	U	U		
Chloroform	100					U					
1,1,1-Trichloroethane	5					U	U	U	U		
Benzene	0.7					U	U	U	U		
2-Butanone	N					U	U	U	U		
Acenaphthene	20G		2 J	3 J	2 J						
Fluorene	50			2 J	1 J						
Pnenanthrene	50			3 J	0.3 J						
Anthracene	50			0.7 J	0.2 J						
Dibenzofuran	50			1 J	0.6 J						
Total Phenols	1			5	17	U	4	2 B	U		
4,4'-DDE	ND		0.12 J								
Arsenic	25		7 B	2.2 B	8.1 B	6	10	14	14		
Cadmium	10					U	U	U	U		
Chromium	50			1.6 B	5 B	U	U	U	U		
Lead	25		16	3.1	15.3 J	U	U	1 B	U		

+	NYSDEC Ambient Water Quality Standards and Guidance Values, September 1990.
*	Action levels are from the Long Term Monitoring Plan dated July 1994.
**	Results from former upgradient monitoring well OMW-A3
G	Guidance value.
J	Indicates the value is less than the sample quantification limit but greater than zero.
B	Indicates the value is less than the quantification limit but greater than or equal to the instrument detection limit.
U	Indicates the value is not detected.

Table 1
Summary of Groundwater Analytical Results - Detected Compounds
(All results in ug/L)

Parameter	ARAR + (ppb)	Action * Level	OMW-B3 (DOWNGRADIENT)								
			5/1/96	11/13/96	4/25/97	10/30/97					
Soluble Arsenic			U		10						
Soluble Cadmium			U		U						
Soluble Chromium			U		U						
Soluble Lead			U		U						

+ NYSDEC Ambient Water Quality Standards and Guidance Values, September 1990.
* Action levels are from the Long Term Monitoring Plan dated July 1994.
** Results from former upgradient monitoring well OMW-A3
G Guidance value.
J Indicates the value is less than the sample quantification limit but greater than zero.
B Indicates the value is less than the quantification limit but greater than or equal to the instrument detection limit.
U Indicates the value is not detected.

Table 1
Summary of Groundwater Analytical Results - Detected Compounds
(All results in ug/L)

Parameter	ARAR + (ppb)	Action * Level	BLIND DUPLICATE								
			5/1/96	11/13/96	4/25/97	10/30/97					
1,1-Dichloroethene	5										
1,1-Dichloroethane	5		U	U	U	U					
1,2-Dichloroethene (Total)	5		U	U	U	U					
Chloroform	100										
1,1,1-Trichloroethane	5		U	U	U	U					
Benzene	0.7		U	U	U	U					
2-Butanone	N		U	U	U	U					
Acenaphthene	20G										
Fluorene	50										
Pnenanthrene	50										
Anthracene	50										
Dibenzofuran	50										
Total Phenols	1		U	U	2 B	U					
4,4'-DDE	ND										
Arsenic	25		U	90	U	U					
Cadmium	10		U	6	U	U					
Chromium	50		40	U	6 B	15					
Lead	25		U	8	U	5					

+ NYSDEC Ambient Water Quality Standards and Guidance Values, September 1990.
* Action levels are from the Long Term Monitoring Plan dated July 1994.
** Results from former upgradient monitoring well OMW-A3
G Guidance value.
J Indicates the value is less than the sample quantification limit but greater than zero.
B Indicates the value is less than the quantification limit but greater than or equal to the instrument detection limit.
U Indicates the value is not detected.

Table 1
Summary of Groundwater Analytical Results - Detected Compounds
(All results in ug/L)

Parameter	ARAR + (ppb)	Action * Level	TRIP BLANK								
			5/1/96	11/13/96	4/25/97						
1,1-Dichloroethene	5										
1,1-Dichloroethane	5		U	U	U	U					
1,2-Dichloroethene (Total)	5		U	U	U	U					
Chloroform	100										
1,1,1-Trichloroethane	5		U	U	U	U					
Benzene	0.7		U	U	U	U					
2-Butanone	N		U	U	U	U					
Acenaphthene	20G										
Fluorene	50										
Pnenanthrene	50										
Anthracene	50										
Dibenzofuran	50										
Total Phenols	1										
4,4'-DDE	ND										
Arsenic	25										
Cadmium	10										
Chromium	50										
Lead	25										

\+ NYSDEC Ambient Water Quality Standards and Guidance Values, September 1990.
* Action levels are from the Long Term Monitoring Plan dated July 1994.
** Results from former upgradient monitoring well OMW-A3
G Guidance value.
J Indicates the value is less than the sample quantification limit but greater than zero.
B Indicates the value is less than the quantification limit but greater than or equal to the instrument detection limit.
U Indicates the value is not detected.

Table 1
Summary of Groundwater Analytical Results - Detected Compounds
(All results in ug/L)

Parameter	ARAR + (ppb)	Action * Level	METHOD BLANK								
			5/1/96	11/13/96	4/25/97	10/30/97					
1,1-Dichloroethene	5										
1,1-Dichloroethane	5		U	U	U	U					
1,2-Dichloroethene (Total)	5		U	U	U	U					
Chloroform	100		U								
1,1,1-Trichloroethane	5		U	U	U	U					
Benzene	0.7		U	U	U	U					
2-Butanone	N		U	U	U	U					
Acenaphthene	20G										
Fluorene	50										
Pnenanthrene	50										
Anthracene	50										
Dibenzofuran	50										
Total Phenols	1		U	U	U	U					
4,4'-DDE	ND										
Arsenic	25		U	U	U	U					
Cadmium	10		U	U	U	U					
Chromium	50		U	U	U	U					
Lead	25		U	U	U	U					

+ NYSDEC Ambient Water Quality Standards and Guidance Values, September 1990.
* Action levels are from the Long Term Monitoring Plan dated July 1994.
** Results from former upgradient monitoring well OMW-A3
G Guidance value.
J Indicates the value is less than the sample quantification limit but greater than zero.
B Indicates the value is less than the quantification limit but greater than or equal to the instrument detection limit.
U Indicates the value is not detected.

Advanced Environmental Services, Inc.
Sample Traceability Report

Project Identification GMU 735Z

Sample #	Sample Collection	Group #	Run #	Prep Method	Prep Date	Analyst	Analytical Methodology	Analysis Date	Analyst
735Z-1-B	10/30/97	2002	157	9066	11/13/97	MC	9066	11/13/97	MC
735Z-5,7	10/30/97	2002	158A	~~420~~ 9066	11/19/97	MC	9066	11/19/97	MC

Please note: Areas marked by a dash indicate that no sample preparation isrequired under the applied methodology.

Advanced Environmental Services, Inc.
Sample Traceability Report

Project Identification GMU 735Z

Sample #	Sample Collection	Group #	Run #	Prep Method	Prep Date	Analyst	Analytical Methodology	Analysis Date	Analyst
735Z 3-8	10/30/97	—	—	9.3	11/3/97	RP	207.2	11/4/97	RP
1	1	—	—	206.2	11/5/97	JK	206.2	11/6/97	JK
1	1	—	—	4.1.3	11/6/97	JK	239.2	11/13/97	JK

Please note: Areas marked by a dash indicate that no sample preparation isrequired under the applied methodology.

Advanced Environmental Services, Inc.
Sample Traceability Report

Project Identification GMU 735Z

Sample #	Sample Collection	Group #	Run #	Prep Method	Prep Date	Analyst	Analytical Methodology	Analysis Date	Analyst
735Z-3	10-30-97	—	—	—	—	—	8240	11-3-97	MM
-4		—	—	—	—	—			
-5		—	—	—	—	—			
-6		—	—	—	—	—			
-7		—	—	—	—	—			
-8		—	—	—	—	—			
-9		—	—	—	—	—			

Please note: Areas marked by a dash indicate that no sample preparation isrequired under the applied methodology.

CHAIN OF CUSTODY RECORD

ADVANCED ENVIRONMENTAL SERVICES, INC.
2186 Liberty Drive
Niagara Falls, NY 14304
(716) 283-3120
(800) 791-3120
Fax (716) 283-4727

CUSTOMER NAME: DUNLOP TIRE

PROJECT NAME:

SAMPLER'S SIGNATURE:

PROJECT I.D.#: ~~73FZ~~

JOB CODE: ~~AKD~~ GMU 735Z

DATE	TIME	SAMPLE IDENTIFICATION	GRAB	COMP	SAMPLE TYPE	CONTAINER CLASSIFICATION: UNPRESERVED	HNO_3	H_2SO_4	HCL	NaOH	VIAL (PRES.)	VIAL (UNPRES.)	OTHER	TOTAL	PARAMETERS / REMARKS
10-30-97	10:35 AM	OMW-A6	X		GROUNDWATER			1						1	PHENOL
	9:35 AM	OMW-C1	X					1						1	"
	10:15 AM	OMW-C5	X				1	1			3			5	PHENOL, METALS, VOLATILES
	10:00 AM	OMW-C7	X				1	1			3			5	
	11:05 AM	OMW-B3	X				1	1			3			5	
	9:07 AM	OMW-B4	X				1	1			3			5	
	10:55 AM	OMW-A4	X				1	1			3			5	
	—	BLIND DUPLICATE	X				1	1			3			5	
	8:15 AM	TRIP BLANK	X		D.I. WATER						2			2	VOLATILES

TOTAL NUMBER OF CONTAINERS 34

NOTE: Please indicate required analysis, and whom we may contact with questions, if you have not yet done so through your customer service representative.

	DATE	TIME	RECEIVED BY:
1. RELINQUISHED BY:	10-30-97	11 45 AM	
2. RELINQUISHED BY:	DATE	TIME	RECEIVED BY:
3. RELINQUISHED BY:	DATE	TIME	RECEIVED BY:

Dunlop

RECRA LabNet

a division of Recra Environmental, Inc.

Virtual Laboratories Everywhere

November 24, 1997

Analyses only for major cations & anions.

Mr. John Ryan
NYSDEC
50 Wolf Road, Room 305
Albany, NY 12233

RE: Analytical Results

Dear Mr. Ryan:

Please find enclosed results concerning the analyses of the samples recently submitted by your agency. The pertinent information regarding these analyses is listed below:

Case #: SH997
SDG #: 1030
Matrix: Aqueous
Samples Received: 10/30/97
Sample Date: 10/30/97

If you have any questions concerning these data, please contact Mr. Mark A. Nemec, Program Manager, at (716) 691-2600 and refer to the I.D. number listed below. It has been our pleasure to provide the New York State Department of Environmental Conservation with Environmental Testing Services. We look forward to serving you in the future.

Sincerely,

RECRA LABNET, INC.

Mark A. Nemec
Program Manager

Kenneth E. Kasperek
Laboratory Director

MAN/KEK/amk
Enclosure: Diskette

I.D. #A97-3919
#NY7A7260-9

cc: Mr. Glenn May - NYSDEC Region 9

This report contains 449 pages which are individually numbered

SAMPLE DATA SUMMARY PACKAGE

SDG NARRATIVE

Laboratory Name: Recra Labnet, Inc.

Laboratory Code: RECNY

Case Number: SH997

SDG Number: 1030

Sample Identifications:
SH997 1030 B555A4
SH997 1030 B555A6
SH997 1030 B555B3
SH997 1030 B555B4
SH997 1030 B555C1
SH997 1030 B555C5
SH997 1030 B555C7

METHODOLOGY

Analyses were performed in accordance with the 1995 New York State Analytical Services protocol.

METALS DATA/WATER QUALITY DATA

Comments pertain to data on one or all pages of this report.

The enclosed data has been reported utilizing data qualifiers (Q) as defined on the Inorganic Data Comment Page.

No deviations from the protocol were encountered during the analyses.

" I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and electronic deliverable has been authorized by the Laboratory Manager or his designee, as verified by the following signature."

Kenneth E. Kasperek
Laboratory Director

11/24/97
Date

INORGANIC DATA COMMENT PAGE

Laboratory Name: Recra Labnet, Inc.

USEPA Defined Inorganic Data Qualifiers:

B	-	Indicates a value greater than or equal to the instrument detection limit, but less than the contract required detection limit.
U	-	Indicates element was analyzed for but not detected. Report with the detection limit value (e.g., 100).
N	-	Indicates spike sample recovery is not within the control limits.
K	-	Indicates the post digestion spike recovery is not within the control limits.
*	-	Indicates duplicate analysis is not within the control limits.
S	-	Indicates value determined by the Method of Standard Addition.
+	-	Indicates the correlation coefficient for the Method of Standard Addition is less than 0.995.
M	-	Indicates duplicate injection results exceeded control limits.
W	-	Post digestion spike for Furnace AA analysis is out of control limits (85-115%), while sample absorbance is less than 50 % of spike absorbance.
E	-	Indicates a value estimated or not reported due to the presence of interference.

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SAMPLE IDENTIFICATION
AND
ANALYTICAL REQUEST SUMMARY

LAB NAME: RECRA LABNET, INC.

CUSTOMER SAMPLE ID	LABORATORY SAMPLE ID	ANALYTICAL REQUIREMENTS					
		VOA GC/MS	BNA GC/MS	VOA GC	PEST PCB	METALS	WATER QUALITY
B555A4	A7391901	-	-	-	-	ASP95	ASP95
B555A6	A7391902	-	-	-	-	ASP95	ASP95
B555B3	A7391903	-	-	-	-	ASP95	ASP95
B555B4	A7391904	-	-	-	-	ASP95	ASP95
B555C1	A7391905	-	-	-	-	ASP95	ASP95
B555C5	A7391906	-	-	-	-	ASP95	ASP95
B555C7	A7391907	-	-	-	-	ASP95	ASP95

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SAMPLE PREPARATION AND ANALYTICAL SUMMARY
INORGANIC ANALYSIS

LAB NAME: RECRA LABNET, INC.

SAMPLE IDENTIFICATION	MATRIX	METALS REQUESTED	DATE RECEIVED AT LAB	DATE DIGESTED	DATE ANALYZED
B555A4	GW	T-CA,MG,NA,K	10/30/97	11/13/97	11/18,19/97
B555A6	GW	T-CA,MG,NA,K	10/30/97	11/13/97	11/18,19/97
B555B3	GW	T-CA,MG,NA,K	10/30/97	11/13/97	11/18,19/97
B555B4	GW	T-CA,MG,NA,K	10/30/97	11/13/97	11/18,19/97
B555C1	GW	T-CA,MG,NA,K	10/30/97	11/13/97	11/18,19/97
B555C5	GW	T-CA,MG,NA,K	10/30/97	11/13/97	11/18,19/97
B555C7	GW	T-CA,MG,NA,K	10/30/97	11/13/97	11/18,19/97

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SAMPLE PREPARATION AND ANALYSIS SUMMARY
INORGANIC ANALYSIS

LAB NAME: RECRA LABNET, INC.

LABORATORY SAMPLE CODE	MATRIX	ANALYTICAL PROTOCOL	DIGESTION PROCEDURE	MATRIX MODIFIER	DIL/CONC FACTOR
B555A4	GW	ASP95	ASP95	AS REQUIRED	AS REQUIRED
B555A6	GW	ASP95	ASP95	AS REQUIRED	AS REQUIRED
B555B3	GW	ASP95	ASP95	AS REQUIRED	AS REQUIRED
B555B4	GW	ASP95	ASP95	AS REQUIRED	AS REQUIRED
B555C1	GW	ASP95	ASP95	AS REQUIRED	AS REQUIRED
B555C5	GW	ASP95	ASP95	AS REQUIRED	AS REQUIRED
B555C7	GW	ASP95	ASP95	AS REQUIRED	AS REQUIRED

CHAIN OF CUSTODY DOCUMENTATION

74-15-1 (4/91)—9a

Send this sheet with Sample to Contract Lab

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

CONTRACT LAB SAMPLE INFORMATION SHEET

Print legibly

0045

Part 3

CAUTION (check if applicable)

☐ Lab Personnel are expected to use caution when handling DEC samples, however, please use special precautions when handling this sample since it is believed to contain significant concentrations of hazardous and/or toxic material(s).

Place QA Label Here

CHECK THE BOX PRECEDING THE REQUESTED ANALYSIS

PRIORITY POLLUTANTS (Water Part 136)—SPDES

- ☐ 2. 13 PP Metals
- ☐ 3. Volatiles—(USEPA 624 GC/MS)
- ☐ 6. Pesticides/PCB's (USEPA 608-GC)
- ☐ 4. Acids Base/Neutrals (USEPA 625-GC/MS)
- ☐ 5. Cyanide
- ☐ 9. BOD
- ☐ 7. Halogenated Volatiles (USEPA 601-GC)
- ☐ 8. Aromatic Volatiles (USEPA 602-GC)
- ☐ 12. TSS
- ☐ 10. pH
- ☐ 11. COD
- ☐ 15. Ammonia
- ☐ 13. Settleable Solids
- ☐ 14. TKN
- ☐ 18. Reactive Phosphorus
- ☐ 16. Nitrate/Nitrite
- ☐ 17. Total Phosphorus
- ☐ 21. Total Phenols
- ☐ 19. Oil/Grease
- ☐ 20. TOC
- ☐ 60. PCB's congener method
- ☐ 22. Other _____
- ☐ 59. PCB's at 0.065 ug/L
- ☐ 64. Total Solids
- ☐ 62. CBOD
- ☐ 65. Volatiles (USEPA 524.2 GC/MS)

CONTRACT LABORATORY PROTOCOLS

- ☐ 23. (ALL)—Water—Includes 24-28
- ☐ 29. (ALL)— Soil/Sediments—Includes 30-34
- ☐ 24. Base/Neutral/Acid (B/N/A)—Water—GC/MS (ASP #89-2)
- ☐ 30. B/N/A/—Soils/Sediment—GC/MS (ASP #89-2)
- ☐ 25. Volatile Organic Analysis VOA—Water—GC/MS(ASP #89-1)
- ☐ 31. VOA—Soils/Sediments—GC/MS (ASP #89-1)
- ☐ 26. Pesticides/PCB's—Water—GC(ASP #89-3)
- ☐ 32. Pesticides/PCB's—Soils/Sediment—GC (ASP #89-3)
- ☐ 27. Metals—23 in Water
- ☐ 33. Metals—23 inSoil/Sediment
- ☐ 28. Cyanide—Water
- ☐ 34. Cyanide—Soils/Sediment
- ☐ 66. Dioxin-Water (ASP #89-4)
- ☐ 67. Dioxin-Soil/Sediment (ASP #89-4)
- ☒ 35. Other Ca, Mg, Na, K, Total Hardness, Chloride, Sulfate, Alkalinity

HAZARDOUS WASTES/RCRA ANALYSIS SW-846

- ☐ 36. EP Toxicity
- ☐ 37. EP Toxicity (Metals Only)
- ☐ 38. Ignitability
- ☐ 39. Corrosivity
- ☐ 40. VOA—(USEPA 8240-GC/MS)
- ☐ 41. BNA—(USEPA 8270-GC/MS)
- ☐ 42. Pesticides/PCB's (USEPA 8080)
- ☐ 43. TCLP
- ☐ 44. TCLP (Metals Only)
- ☐ 45. Reactivity
- ☐ 46. Dioxin (USEPA 8280)
- ☐ 47. Appendix IX
- ☐ 48. Other _____
- ☐ 63. Percent Solids
- ☐ 68. Metals—17 Hazardous

MUNICIPAL SLUDGE

☐ 49. RSGB-01 ☐ 50. RSSR-01 ☐ 51. RSGR-01 ☐ 52. RSRB-01 ☐ 53. RSRI-01 (EP Toxicity-Metals only + RSRR-01)
☐ 54. RSRO-01 ☐ 55. RSSB-01 ☐ 56. RSRR-01 ☐ 57. RSRR-02 ☐ 58. Other _____

COLLECTED BY:	TELEPHONE NUMBER:	REGION NO:
Glenn M. May	716-851-7220	9

CONTRACT LAB:	COUNTY:	SAMPLING DATE:	MILITARY TIME:
Recra	Erie	10/30/97	1055

SAMPLE MATRIX:
☐ Air ☐ Soil/Sediment ☒ Groundwater ☐ Surface Water ☐ Wastewater ☐ Other (Specify) _____

CASE NUMBER	SDG NUMBER	SAMPLE NUMBER	CHECK FOR MS/MD	TYPE OF SAMPLE:
SH9977	1030	B5554	☐ This Sample	☒ Grab ☐ Composite ☐ Term ____ hrs

☐ Check if there will be more samples with this SDG sent in this calendar week

Report via Catagory B, unless checked ☐

SAMPLING POINT:	Check if field duplicate ☐	Outfall Number	Check if sampling is part of inspection ☐
	SPDES NUMBER/REGISTRY NUMBER		FLOW GPD MGD

74-15-1 (4/91)—9a

Send This Sheet with Sample to Contract Lab

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

CONTRACT LAB SAMPLE INFORMATION SHEET

Print legibly

0046

Part 3

CAUTION (check if applicable)

☐ Lab Personnel are expected to use caution when handling DEC samples, however, please use special precautions when handling this sample since it is believed to contain significant concentrations of hazardous and/or toxic material(s).

Place QA Label Here

CHECK THE BOX PRECEDING THE REQUESTED ANALYSIS

PRIORITY POLLUTANTS (Water Part 136)—SPDES

- ☐ 2. 13 PP Metals
- ☐ 3. Volatiles—(USEPA 624 GC/MS)
- ☐ 6. Pesticides/PCB's (USEPA 608-GC)
- ☐ 4. Acids Base/Neutrals (USEPA 625-GC/MS)
- ☐ 5. Cyanide
- ☐ 9. BOD
- ☐ 7. Halogenated Volatiles (USEPA 601-GC)
- ☐ 8. Aromatic Volatiles (USEPA 602-GC)
- ☐ 12. TSS
- ☐ 10. pH
- ☐ 11. COD
- ☐ 15. Ammonia
- ☐ 13. Settleable Solids
- ☐ 14. TKN
- ☐ 18. Reactive Phosphorus
- ☐ 16. Nitrate/Nitrite
- ☐ 17. Total Phosphorus
- ☐ 21. Total Phenols
- ☐ 19. Oil/Grease
- ☐ 20. TOC
- ☐ 60. PCB's congener method
- ☐ 22. Other _____
- ☐ 59. PCB's at 0.065 ug/L
- ☐ 64. Total Solids
- ☐ 62. CBOD
- ☐ 65. Volatiles (USEPA 524.2 GC/MS)

CONTRACT LABORATORY PROTOCOLS

- ☐ 23. (ALL)—Water—Includes 24-28
- ☐ 29. (ALL)— Soil/Sediments—Includes 30-34
- ☐ 24. Base/Neutral/Acid (B/N/A)—Water—GC/MS (ASP #89-2)
- ☐ 30. B/N/A—Soils/Sediment—GC/MS (ASP #89-2)
- ☐ 25. Volatile Organic Analysis VOA—Water—GC/MS(ASP #89-1)
- ☐ 31. VOA—Soils/Sediments—GC/MS (ASP #89-1)
- ☐ 26. Pesticides/PCB's– Water—GC(ASP #89-3)
- ☐ 32. Pesticides/PCB's—Soils/Sediment—GC (ASP #89-3)
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HAZARDOUS WASTES/RCRA ANALYSIS SW-846

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- ☐ 37. EP Toxicity (Metals Only)
- ☐ 38. Ignitability
- ☐ 39. Corrosivity
- ☐ 40. VOA—(USEPA 8240-GC/MS)
- ☐ 41. BNA—(USEPA 8270-GC/MS)
- ☐ 42. Pesticides/PCB's (USEPA 8080)
- ☐ 43. TCLP
- ☐ 44. TCLP (Metals Only)
- ☐ 45. Reactivity
- ☐ 46. Dioxin (USEPA 8280)
- ☐ 47. Appendix IX
- ☐ 48. Other _____
- ☐ 63. Percent Solids
- ☐ 68. Metals—17 Hazardous

MUNICIPAL SLUDGE

- ☐ 49. RSGB-01 ☐ 50. RSSR-01 ☐ 51. RSGR-01 ☐ 52. RSRB-01 ☐ 53. RSRI-01 (EP Toxicity-Metals only + RSRR-01)
- ☐ 54. RSRO-01 ☐ 55. RSSB-01 ☐ 56. RSRR-01 ☐ 57. RSRR-02 ☐ 58. Other _____

COLLECTED BY:	TELEPHONE NUMBER:	REGION NO:
Glenn M. May	716-851-7220	9

CONTRACT LAB:	COUNTY:	SAMPLING DATE:	MILITARY TIME:
Recra	Erie	10/30/97	1035

SAMPLE MATRIX:

☐ Air ☐ Soil/Sediment ☒ Groundwater ☐ Surface Water ☐ Wastewater ☐ Other (Specify) _____

CASE NUMBER	SDG NUMBER	SAMPLE NUMBER	CHECK FOR MS/MD	TYPE OF SAMPLE:
SH9917	1030	B5555A6	☐ This Sample	☒ Grab ☐ Composite ☐ Term ____ hrs

☐ Check if there will be more samples with this SDG sent in this calendar week

Report via Catagory B, unless checked ☐

SAMPLING POINT:

Check if field duplicate ☐	Outfall Number	Check if sampling is part of Inspection ☐

SPDES NUMBER/REGISTRY NUMBER

FLOW GPD MGD

74.15-1 (4/91)—9a

Send this Sheet with Sample to Contract Lab

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

CONTRACT LAB SAMPLE INFORMATION SHEET

0047

Part 3

Print legibly

CAUTION (check if applicable)

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Place QA Label Here

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- ☐ 9. BOD
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- ☐ 33. Metals—23 inSoil/Sediment
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- ☐ 67. Dioxin-Soil/Sediment (ASP #89-4)
- ☒ 35. Other Ca, Mg, Na, K, Total Hardness, Chloride, Sulfate, Alkalinity

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- ☐ 39. Corrosivity
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- ☐ 41. BNA—(USEPA 8270-GC/MS)
- ☐ 42. Pesticides/PCB's (USEPA 8080)
- ☐ 43. TCLP
- ☐ 44. TCLP (Metals Only)
- ☐ 45. Reactivity
- ☐ 46. Dioxin (USEPA 8280)
- ☐ 47. Appendix IX
- ☐ 48. Other _____
- ☐ 63. Percent Solids
- ☐ 68. Metals—17 Hazardous

MUNICIPAL SLUDGE

☐ 49. RSGB-01 ☐ 50. RSSR-01 ☐ 51. RSGR-01 ☐ 52. RSRB-01 ☐ 53. RSRI-01 (EP Toxicity-Metals only + RSRR-01)
☐ 54. RSRO-01 ☐ 55. RSSB-01 ☐ 56. RSRR-01 ☐ 57. RSRR-02 ☐ 58. Other _____

COLLECTED BY:	TELEPHONE NUMBER:	REGION NO:
Glenn M. May	716-851-7220	9

CONTRACT LAB:	COUNTY:	SAMPLING DATE:	MILITARY TIME:
Recra	Erie	10/30/97	1105

SAMPLE MATRIX:
☐ Air ☐ Soil/Sediment ☒ Groundwater ☐ Surface Water ☐ Wastewater ☐ Other (Specify) _____

CASE NUMBER	SDG NUMBER	SAMPLE NUMBER	CHECK FOR MS/MD	TYPE OF SAMPLE:
SH9907	10301	B5553	☐ This Sample	☒ Grab ☐ Composite ☐ Term ____ hrs

☐ Check if there will be more samples with this SDG sent in this calendar week

Report via Catagory B, unless checked ☐

SAMPLING POINT:	Check if field duplicate ☐	Outfall Number	Check if sampling is part of inspection ☐
	SPDES NUMBER/REGISTRY NUMBER		FLOW GPD MGD

74-15-1 (4/91)—9a

Send this Sheet with Sample to Contract Lab

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

CONTRACT LAB SAMPLE INFORMATION SHEET

Print legibly

PO 0048

CAUTION (check if applicable)

☐ Lab Personnel are expected to use caution when handling DEC samples, however, please use special precautions when handling this sample since it is believed to contain significant concentrations of hazardous and/or toxic material(s).

Place QA Label Here

CHECK THE BOX PRECEDING THE REQUESTED ANALYSIS

PRIORITY POLLUTANTS (Water Part 136)—SPDES

- ☐ 2. 13 PP Metals
- ☐ 3. Volatiles—(USEPA 624 GC/MS)
- ☐ 6. Pesticides/PCB's (USEPA 608-GC)
- ☐ 4. Acids Base/Neutrals (USEPA 625-GC/MS)
- ☐ 5. Cyanide
- ☐ 9. BOD
- ☐ 7. Halogenated Volatiles (USEPA 601-GC)
- ☐ 8. Aromatic Volatiles (USEPA 602-GC)
- ☐ 12. TSS
- ☐ 10. pH
- ☐ 11. COD
- ☐ 15. Ammonia
- ☐ 13. Settleable Solids
- ☐ 14. TKN
- ☐ 18. Reactive Phosphorus
- ☐ 16. Nitrate/Nitrite
- ☐ 17. Total Phosphorus
- ☐ 21. Total Phenols
- ☐ 19. Oil/Grease
- ☐ 20. TOC
- ☐ 60. PCB's congener method
- ☐ 22. Other _____
- ☐ 59. PCB's at 0.065 ug/L
- ☐ 64. Total Solids
- ☐ 61. CBOD
- ☐ 65. Volatiles (USEPA 524.2 GC/MS)

CONTRACT LABORATORY PROTOCOLS

- ☐ 23. (ALL)—Water—Includes 24-28
- ☐ 29. (ALL)—Soil/Sediments—Includes 30-34
- ☐ 24. Base/Neutral/Acid (B/N/A)—Water—GC/MS (ASP #89-2)
- ☐ 30. B/N/A/—Soils/Sediment—GC/MS (ASP #89-2)
- ☐ 25. Volatile Organic Analysis VOA—Water—GC/MS(ASP #89-1)
- ☐ 31. VOA—Soils/Sediments—GC/MS (ASP #89-1)
- ☐ 26. Pesticides/PCB's—Water—GC(ASP #89-3)
- ☐ 32. Pesticides/PCB's—Soils/Sediment—GC (ASP #89-3)
- ☐ 27. Metals—23 in Water
- ☐ 33. Metals—23 inSoil/Sediment
- ☐ 28. Cyanide—Water
- ☐ 34. Cyanide—Soils/Sediment
- ☐ 66. Dioxin-Water (ASP #89-4)
- ☐ 67. Dioxin-Soil/Sediment (ASP #89-4)
- ☒ 35. Other Ca, Mg, Na, K, Total Hardness, Chloride, Sulfate, Alkalinity

HAZARDOUS WASTES/RCRA ANALYSIS SW-846

- ☐ 36. EP Toxicity
- ☐ 37. EP Toxicity (Metals Only)
- ☐ 38. Ignitability
- ☐ 39. Corrosivity
- ☐ 40. VOA—(USEPA 8240-GC/MS)
- ☐ 41. BNA—(USEPA 8270-GC/MS)
- ☐ 42. Pesticides/PCB's (USEPA 8080)
- ☐ 43. TCLP
- ☐ 44. TCLP (Metals Only)
- ☐ 45. Reactivity
- ☐ 46. Dioxin (USEPA 8280)
- ☐ 47. Appendix IX
- ☐ 48. Other _____
- ☐ 63. Percent Solids
- ☐ 68. Metals—17 Hazardous

MUNICIPAL SLUDGE

- ☐ 49. RSGB-01 ☐ 50. RSSR-01 ☐ 51. RSGR-01 ☐ 52. RSRB-01 ☐ 53. RSRI-01 (EP Toxicity-Metals only + RSRR-01)
- ☐ 54. RSRO-01 ☐ 55. RSSB-01 ☐ 56. RSRR-01 ☐ 57. RSRR-02 ☐ 58. Other _____

COLLECTED BY:	TELEPHONE NUMBER:	REGION NO:
Glenn M May	716-851-7220	9

CONTRACT LAB:	COUNTY:	SAMPLING DATE:	MILITARY TIME:
Recra	Erie	10/30/97	0915

SAMPLE MATRIX:

☐ Air ☐ Soil/Sediment ☒ Groundwater ☐ Surface Water ☐ Wastewater ☐ Other (Specify) _____

CASE NUMBER	SDG NUMBER	SAMPLE NUMBER	CHECK FOR MS/MD	TYPE OF SAMPLE:
SH9977	10130	B5554	☐ This Sample	☒ Grab ☐ Composite ☐ Term ____ hrs

☐ Check if there will be more samples with this SDG sent in this calendar week

Report via Catagory B, unless checked ☐

SAMPLING POINT:

Check if field duplicate ☐	Outfall Number	Check if sampling is part of Inspection ☐

SPDES NUMBER/REGISTRY NUMBER	FLOW GPD MGD

74-15-1 (4/91)—9a

Send This Sheet with Sample to Contract Lab

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

CONTRACT LAB SAMPLE INFORMATION SHEET

Part 3 0049

Print legibly

CAUTION (check if applicable)

☐ Lab Personnel are expected to use caution when handling DEC samples, however, please use special precautions when handling this sample since it is believed to contain significant concentrations of hazardous and/or toxic material(s).

Place QA Label Here

CHECK THE BOX PRECEDING THE REQUESTED ANALYSIS

PRIORITY POLLUTANTS (Water Part 136)—SPDES

- ☐ 2. 13 PP Metals
- ☐ 3. Volatiles—(USEPA 624 GC/MS)
- ☐ 6. Pesticides/PCB's (USEPA 608-GC)
- ☐ 4. Acids Base/Neutrals (USEPA 625-GC/MS)
- ☐ 5. Cyanide
- ☐ 9. BOD
- ☐ 7. Halogenated Volatiles (USEPA 601-GC)
- ☐ 8. Aromatic Volatiles (USEPA 602-GC)
- ☐ 12. TSS
- ☐ 10. pH
- ☐ 11. COD
- ☐ 15. Ammonia
- ☐ 13. Settleable Solids
- ☐ 14. TKN
- ☐ 18. Reactive Phosphorus
- ☐ 16. Nitrate/Nitrite
- ☐ 17. Total Phosphorus
- ☐ 21. Total Phenols
- ☐ 19. Oil/Grease
- ☐ 20. TOC
- ☐ 60. PCB's congener method
- ☐ 22. Other _____
- ☐ 59. PCB's at 0.035 ug/L
- ☐ 64. Total Solids
- ☐ 62. CBOD
- ☐ 65. Volatiles (USEPA 524.2 GC/MS)

CONTRACT LABORATORY PROTOCOLS

- ☐ 23. (ALL)—Water—Includes 24-28
- ☐ 29. (ALL)— Soil/Sediments—Includes 30-34
- ☐ 24. Base/Neutral/Acid (B/N/A)—Water—GC/MS (ASP #89-2)
- ☐ 30. B/N/A/—Soils/Sediment—GC/MS (ASP #89-2)
- ☐ 25. Volatile Organic Analysis VOA—Water—GC/MS(ASP #89-1)
- ☐ 31. VOA—Soils/Sediments—GC/MS (ASP #89-1)
- ☐ 26. Pesticides/PCB's—Water—GC(ASP #89-3)
- ☐ 32. Pesticides/PCB's—Soils/Sediment—GC (ASP #89-3)
- ☐ 27. Metals—23 in Water
- ☐ 33. Metals—23 inSoil/Sediment
- ☐ 28. Cyanide—Water
- ☐ 34. Cyanide—Soils/Sediment
- ☐ 66. Dioxin-Water (ASP #89-4)
- ☐ 67. Dioxin-Soil/Sediment (ASP #89-4)
- ☒ 35. Other Ca, Mg, Na, K, total hardness, chloride, sulfate, alkalinity

HAZARDOUS WASTES/RCRA ANALYSIS SW-846

- ☐ 36. EP Toxicity
- ☐ 37. EP Toxicity (Metals Only)
- ☐ 38. Ignitability
- ☐ 39. Corrosivity
- ☐ 40. VOA—(USEPA 8240-GC/MS)
- ☐ 41. BNA—(USEPA 8270-GC/MS)
- ☐ 42. Pesticides/PCB's (USEPA 8080)
- ☐ 43. TCLP
- ☐ 44. TCLP (Metals Only)
- ☐ 45. Reactivity
- ☐ 46. Dioxin (USEPA 8280)
- ☐ 47. Appendix IX
- ☐ 48. Other _____
- ☐ 63. Percent Solids
- ☐ 68. Metals—17 Hazardous

MUNICIPAL SLUDGE

☐ 49. RSGB-01 ☐ 50. RSSR-01 ☐ 51. RSGR-01 ☐ 52. RSRB-01 ☐ 53. RSRI-01 (EP Toxicity-Metals only + RSRR-01)
☐ 54. RSRO-01 ☐ 55. RSSB-01 ☐ 56. RSRR-01 ☐ 57. RSRR-02 ☐ 58. Other _____

COLLECTED BY:	TELEPHONE NUMBER:	REGION NO:
Glenn M. May	716-851-7220	9

CONTRACT LAB:	COUNTY:	SAMPLING DATE:	MILITARY TIME:
Recra	Erie	10/30/97	0940

SAMPLE MATRIX:
☐ Air ☐ Soil/Sediment ☒ Groundwater ☐ Surface Water ☐ Wastewater ☐ Other (Specify) _____

CASE NUMBER	SDG NUMBER	SAMPLE NUMBER	CHECK FOR MS/MD	TYPE OF SAMPLE:
SH9977	1030	B5555C1	☐ This Sample	☒ Grab ☐ Composite ☐ Term ____ hrs

☐ Check if there will be more samples with this SDG sent in this calendar week

Report via Catagory B, unless checked ☐

SAMPLING POINT:	Check if field duplicate ☐	Outfall Number	Check if sampling is part of inspection ☐
	SPDES NUMBER/REGISTRY NUMBER		FLOW GPD MGD

74-15-1 (4/91)—9a

Send This Sheet with Sample to Contract Lab

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

CONTRACT LAB SAMPLE INFORMATION SHEET

Print legibly

0050

Part 3

CAUTION (check if applicable)

☐ Lab Personnel are expected to use caution when handling DEC samples, however, please use special precautions when handling this sample since it is believed to contain significant concentrations of hazardous and/or toxic material(s).

Place QA Label Here

CHECK THE BOX PRECEDING THE REQUESTED ANALYSIS

PRIORITY POLLUTANTS (Water Part 136)—SPDES

- ☐ 2. 13 PP Metals
- ☐ 3. Volatiles—(USEPA 624 GC/MS)
- ☐ 6. Pesticides/PCB's (USEPA 608-GC)
- ☐ 4. Acids Base/Neutrals (USEPA 625-GC/MS)
- ☐ 5. Cyanide
- ☐ 9. BOD
- ☐ 7. Halogenated Volatiles (USEPA 601-GC)
- ☐ 8. Aromatic Volatiles (USEPA 602-GC)
- ☐ 12. TSS
- ☐ 10. pH
- ☐ 11. COD
- ☐ 15. Ammonia
- ☐ 13. Settleable Solids
- ☐ 14. TKN
- ☐ 18. Reactive Phosphorus
- ☐ 16. Nitrate/Nitrite
- ☐ 17. Total Phosphorus
- ☐ 21. Total Phenols
- ☐ 19. Oil/Grease
- ☐ 20. TOC
- ☐ 60. PCB's congener method
- ☐ 22. Other _____
- ☐ 59. PCB's at 0.065 ug/L
- ☐ 64. Total Solids
- ☐ 62. CBOD
- ☐ 65. Volatiles (USEPA 524.2 GC/MS)

CONTRACT LABORATORY PROTOCOLS

- ☐ 23. (ALL)—Water—Includes 24-28
- ☐ 29. (ALL)— Soil/Sediments—Includes 30-34
- ☐ 24. Base/Neutral/Acid (B/N/A)—Water—GC/MS (ASP #89-2)
- ☐ 30. B/N/A/—Soils/Sediment—GC/MS (ASP #89-2)
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- ☐ 31. VOA—Soils/Sediments—GC/MS (ASP #89-1)
- ☐ 26. Pesticides/PCB's—Water—GC(ASP #89-3)
- ☐ 32. Pesticides/PCB's—Soils/Sediment—GC (ASP #89-3)
- ☐ 27. Metals—23 in Water
- ☐ 33. Metals—23 inSoil/Sediment
- ☐ 28. Cyanide—Water
- ☐ 34. Cyanide—Soils/Sediment
- ☐ 66. Dioxin-Water (ASP #89-4)
- ☐ 67. Dioxin-Soil/Sediment (ASP #89-4)
- ☒ 35. Other Ca, Mg, Na, K, total hardness, Chloride, Sulfate, alkalinity

HAZARDOUS WASTES/RCRA ANALYSIS SW-846

- ☐ 36. EP Toxicity
- ☐ 37. EP Toxicity (Metals Only)
- ☐ 38. Ignitability
- ☐ 39. Corrosivity
- ☐ 40. VOA—(USEPA 8240-GC/MS)
- ☐ 41. BNA—(USEPA 8270-GC/MS)
- ☐ 42. Pesticides/PCB's (USEPA 8080)
- ☐ 43. TCLP
- ☐ 44. TCLP (Metals Only)
- ☐ 45. Reactivity
- ☐ 46. Dioxin (USEPA 8280)
- ☐ 47. Appendix IX
- ☐ 48. Other _____
- ☐ 63. Percent Solids
- ☐ 68. Metals—17 Hazardous

MUNICIPAL SLUDGE

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☐ 54. RSRO-01 ☐ 55. RSSB-01 ☐ 56. RSRR-01 ☐ 57. RSRR-02 ☐ 58. Other _____

COLLECTED BY:	TELEPHONE NUMBER:	REGION NO:
Glenn M. May	716-851-7220	9

CONTRACT LAB:	COUNTY:	SAMPLING DATE:	MILITARY TIME:
Recra	Erie	10/30/97	1015

SAMPLE MATRIX:
☐ Air ☐ Soil/Sediment ☒ Groundwater ☐ Surface Water ☐ Wastewater ☐ Other (Specify) _____

CASE NUMBER	SDG NUMBER	SAMPLE NUMBER	CHECK FOR MS/MD	TYPE OF SAMPLE:
SH9917	10310	B5555C5	☐ This Sample	☒ Grab ☐ Composite ☐ Term ____ hrs

☐ Check if there will be more samples with this SDG sent in this calendar week

Report via Catagory B, unless checked ☐

SAMPLING POINT:	Check if field duplicate ☐	Outfall Number	Check if sampling is part of inspection ☐
	SPDES NUMBER/REGISTRY NUMBER		FLOW GPD MGD

74-15-1 (4/91)—9a

Send This Sheet with Sample to Contract Lab

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

CONTRACT LAB SAMPLE INFORMATION SHEET

Print legibly

0051

CAUTION (check if applicable)

☐ Lab Personnel are expected to use caution when handling DEC samples, however, please use special precautions when handling this sample since it is believed to contain significant concentrations of hazardous and/or toxic material(s).

Place QA Label Here

CHECK THE BOX PRECEDING THE REQUESTED ANALYSIS

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- ☐ 4. Acids Base/Neutrals (USEPA 625-GC/MS)
- ☐ 5. Cyanide
- ☐ 9. BOD
- ☐ 7. Halogenated Volatiles (USEPA 601-GC)
- ☐ 8. Aromatic Volatiles (USEPA 602-GC)
- ☐ 12. TSS
- ☐ 10. pH
- ☐ 11. COD
- ☐ 15. Ammonia
- ☐ 13. Settleable Solids
- ☐ 14. TKN
- ☐ 18. Reactive Phosphorus
- ☐ 16. Nitrate/Nitrite
- ☐ 17. Total Phosphorus
- ☐ 21. Total Phenols
- ☐ 19. Oil/Grease
- ☐ 20. TOC
- ☐ 60. PCB's congener method
- ☐ 22. Other _____
- ☐ 59. PCB's at 0.065 ug/L
- ☐ 64. Total Solids
- ☐ 52. CBOD
- ☐ 65. Volatiles (USEPA 524.2 GC/MS)

CONTRACT LABORATORY PROTOCOLS

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- ☐ 29. (ALL)— Soil/Sediments—Includes 30-34
- ☐ 24. Base/Neutral/Acid (B/N/A)—Water—GC/MS (ASP #89-2)
- ☐ 30. B/N/A/—Soils/Sediment—GC/MS (ASP #89-2)
- ☐ 25. Volatile Organic Analysis VOA—Water—GC/MS(ASP #89-1)
- ☐ 31. VOA—Soils/Sediments—GC/MS (ASP #89-1)
- ☐ 26. Pesticides/PCB's—Water—GC(ASP #89-3)
- ☐ 32. Pesticides/PCB's—Soils/Sediment—GC (ASP #89-3)
- ☐ 27. Metals—23 in Water
- ☐ 33. Metals—23 inSoil/Sediment
- ☐ 28. Cyanide—Water
- ☐ 34. Cyanide—Soils/Sediment
- ☐ 66. Dioxin-Water (ASP #89-4)
- ☐ 67. Dioxin-Soil/Sediment (ASP #89-4)
- ☒ 35. Other Ca, Mg, Na, K, Total Hardness, Chloride, Sulfate, Alkalinity

HAZARDOUS WASTES/RCRA ANALYSIS SW-846

- ☐ 36. EP Toxicity
- ☐ 37. EP Toxicity (Metals Only)
- ☐ 38. Ignitability
- ☐ 39. Corrosivity
- ☐ 40. VOA—(USEPA 8240-GC/MS)
- ☐ 41. BNA—(USEPA 8270-GC/MS)
- ☐ 42. Pesticides/PCB's (USEPA 8080)
- ☐ 43. TCLP
- ☐ 44. TCLP (Metals Only)
- ☐ 45. Reactivity
- ☐ 46. Dioxin (USEPA 8280)
- ☐ 47. Appendix IX
- ☐ 48. Other _____
- ☐ 63. Percent Solids
- ☐ 68. Metals—17 Hazardous

MUNICIPAL SLUDGE

- ☐ 49. RSGB-01 ☐ 50. RSSR-01 ☐ 51. RSGR-01 ☐ 52. RSRB-01 ☐ 53. RSRI-01 (EP Toxicity-Metals only + RSRR-01)
- ☐ 54. RSRO-01 ☐ 55. RSSB-01 ☐ 56. RSRR-01 ☐ 57. RSRR-02 ☐ 58. Other _____

COLLECTED BY:	TELEPHONE NUMBER:	REGION NO:
Glenn M. May	716-851-7220	9

CONTRACT LAB:	COUNTY:	SAMPLING DATE:	MILITARY TIME:
Recra	Erie	10/30/97	1000

SAMPLE MATRIX:

☐ Air ☐ Soil/Sediment ☒ Groundwater ☐ Surface Water ☐ Wastewater ☐ Other (Specify) _____

CASE NUMBER	SDG NUMBER	SAMPLE NUMBER	CHECK FOR MS/MD	TYPE OF SAMPLE:
SH9897	10310	B5555C7	☐ This Sample	☒ Grab ☐ Composite ☐ Term ____ hrs

☐ Check if there will be more samples with this SDG sent in this calendar week

Report via Catagory B, unless checked ☐

SAMPLING POINT:

Check if field duplicate ☐ | Outfall Number | Check if sampling is part of inspection ☐

SPDES NUMBER/REGISTRY NUMBER | FLOW GPD MGD

RECRA ENVIRONMENTAL, INC.

CHAIN OF CUSTODY RECORD

PROJECT NO: 915018

SITE NAME: Dunlop Tire

SAMPLERS (SIGNATURE): Glenn M May

STATION NO	DATE	TIME	COMP	GRAB	STATION LOCATION	NO OF CONTAINERS	Ca, Mg, Na, K	Total Hardness / Chloride, Sulfate	Alkalinity				REMARKS
A4	10/30/97	1055		X	SH9971030B555A4	3	1	1	1				
A6	"	1035		X	" " " " A6	3	1	1	1				
B3	"	1105		X	" " " " B3	3	1	1	1				
B4	"	0915		X	" " " " B4	3	1	1	1				
C1	"	0940		X	" " " " C1	3	1	1	1				
C5	"	1015		X	" " " " C5	3	1	1	1				
C7	"	1000		X	SH9971030B555C7	3	1	1	1				

Glenn M May 10/30/97

RELINQUISHED BY (SIGNATURE)	DATE/TIME	RECEIVED BY (SIGNATURE)	RELINQUISHED BY (SIGNATURE)	DATE/TIME	RECEIVED BY (SIGNATURE)
Glenn M May	10/30/97 1436				

RELINQUISHED BY (SIGNATURE)	DATE/TIME	RECEIVED BY (SIGNATURE)	RELINQUISHED BY (SIGNATURE)	DATE/TIME	RECEIVED BY (SIGNATURE)

RELINQUISHED BY (SIGNATURE)	DATE/TIME	RECEIVED FOR LABORATORY BY (SIGNATURE)	DATE/TIME	REMARKS
		[signature]	10/30/97 1436	Samples = 6°C

Distribution: Original accompanies shipment copy to coordinator field files

0052

METALS DATA

NYSDEC ASP

0054

1

INORGANIC ANALYSES DATA SHEET

NYSDEC SAMPLE NO.

B555A4

Lab Name: RECRA_LABNET_INC._____ Contract: NY96-202__

Lab Code: RECNY_ Case No.: SH997 SAS No.: _____ SDG No.: 1030__

Matrix (soil/water): WATER Lab Sample ID: AD718882

Level (low/med): LOW__ Date Received: 10/30/97

% Solids: __0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L_

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum_		_		NR
7440-36-0	Antimony_		_		NR
7440-38-2	Arsenic__		_		NR
7440-39-3	Barium___		_		NR
7440-41-7	Beryllium		_		NR
7440-43-9	Cadmium__		_		NR
7440-70-2	Calcium__	352000_	_		P_
7440-47-3	Chromium_		_		NR
7440-48-4	Cobalt___		_		NR
7440-50-8	Copper___		_		NR
7439-89-6	Iron_____		_		NR
7439-92-1	Lead_____		_		NR
7439-95-4	Magnesium	1280000_	_		P_
7439-96-5	Manganese		_		NR
7439-97-6	Mercury__		_		NR
7440-02-0	Nickel___		_		NR
7440-09-7	Potassium	31900_	_		P_
7782-49-2	Selenium_		_		NR
7440-22-4	Silver___		_		NR
7440-23-5	Sodium___	659000_	_		P_
7440-28-0	Thallium_		_		NR
7440-62-2	Vanadium_		_		NR
7440-66-6	Zinc_____		_		NR
_____	Cyanide__		_		NR
_____	_____	_____	_	_____	__

Color Before: COLORLESS Clarity Before: CLEAR_ Texture: _____

Color After: COLORLESS Clarity After: CLEAR_ Artifacts: ___

Comments:

LAB_SAMPLE_ID:__A7391901-CGA00965_____

1
INORGANIC ANALYSES DATA SHEET

NYSDEC SAMPLE NO.
B555A6

Lab Name: RECRA_LABNET_INC._____ Contract: NY96-202__

Lab Code: RECNY_ Case No.: SH997 SAS No.: _____ SDG No.: 1030__

Matrix (soil/water): WATER Lab Sample ID: AD718883

Level (low/med): LOW__ Date Received: 10/30/97

% Solids: __0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L_

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum_		_		NR
7440-36-0	Antimony_		_		NR
7440-38-2	Arsenic__		_		NR
7440-39-3	Barium___		_		NR
7440-41-7	Beryllium		_		NR
7440-43-9	Cadmium__		_		NR
7440-70-2	Calcium__	64600_	_		P_
7440-47-3	Chromium_		_		NR
7440-48-4	Cobalt___		_		NR
7440-50-8	Copper___		_		NR
7439-89-6	Iron_____		_		NR
7439-92-1	Lead_____		_		NR
7439-95-4	Magnesium	130000_	_		P_
7439-96-5	Manganese		_		NR
7439-97-6	Mercury__		_		NR
7440-02-0	Nickel___		_		NR
7440-09-7	Potassium	5890_	_		P_
7782-49-2	Selenium_		_		NR
7440-22-4	Silver___		_		NR
7440-23-5	Sodium___	48000_	_		P_
7440-28-0	Thallium_		_		NR
7440-62-2	Vanadium_		_		NR
7440-66-6	Zinc_____		_		NR
_____	Cyanide__		_		NR
_____	_____		_		__

Color Before: COLORLESS Clarity Before: CLEAR_ Texture: _____

Color After: COLORLESS Clarity After: CLEAR_ Artifacts: ___

Comments:
LAB_SAMPLE_ID:__A7391902-CGA00965_____

1 NYSDEC SAMPLE NO.

INORGANIC ANALYSES DATA SHEET B555B3

Lab Name: RECRA_LABNET_INC._____ Contract: NY96-202__

Lab Code: RECNY_ Case No.: SH997 SAS No.: _____ SDG No.: 1030__

Matrix (soil/water): WATER Lab Sample ID: AD718884

Level (low/med): LOW__ Date Received: 10/30/97

% Solids: __0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L_

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum_		_		NR
7440-36-0	Antimony_		_		NR
7440-38-2	Arsenic__		_		NR
7440-39-3	Barium___		_		NR
7440-41-7	Beryllium		_		NR
7440-43-9	Cadmium__		_		NR
7440-70-2	Calcium__	208000_	_		P_
7440-47-3	Chromium_		_		NR
7440-48-4	Cobalt___		_		NR
7440-50-8	Copper___		_		NR
7439-89-6	Iron_____		_		NR
7439-92-1	Lead_____		_		NR
7439-95-4	Magnesium	110000_	_		P_
7439-96-5	Manganese		_		NR
7439-97-6	Mercury__		_		NR
7440-02-0	Nickel___		_		NR
7440-09-7	Potassium	9820_	_		P_
7782-49-2	Selenium_		_		NR
7440-22-4	Silver___		_		NR
7440-23-5	Sodium___	66000_	_		P_
7440-28-0	Thallium_		_		NR
7440-62-2	Vanadium_		_		NR
7440-66-6	Zinc_____		_		NR
_____	Cyanide__		_		NR
_____	_____		_		__

Color Before: COLORLESS Clarity Before: CLEAR_ Texture: _____

Color After: COLORLESS Clarity After: CLEAR_ Artifacts: ___

Comments:

LAB_SAMPLE_ID:__A7391903-CGA00965_____

1

NYSDEC SAMPLE NO.

INORGANIC ANALYSES DATA SHEET

B555C1

Lab Name: RECRA_LABNET_INC._____ Contract: NY96-202__

Lab Code: RECNY_ Case No.: SH997 SAS No.: _____ SDG No.: 1030__

Matrix (soil/water): WATER Lab Sample ID: AD718886

Level (low/med): LOW__ Date Received: 10/30/97

% Solids: __0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L_

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum_		_		NR
7440-36-0	Antimony_		_		NR
7440-38-2	Arsenic__		_		NR
7440-39-3	Barium___		_		NR
7440-41-7	Beryllium		_		NR
7440-43-9	Cadmium__		_		NR
7440-70-2	Calcium__	143000_	_		P_
7440-47-3	Chromium_		_		NR
7440-48-4	Cobalt___		_		NR
7440-50-8	Copper___		_		NR
7439-89-6	Iron_____		_		NR
7439-92-1	Lead_____		_		NR
7439-95-4	Magnesium	542000_	_		P_
7439-96-5	Manganese		_		NR
7439-97-6	Mercury__		_		NR
7440-02-0	Nickel___		_		NR
7440-09-7	Potassium	13200_	_		P_
7782-49-2	Selenium_		_		NR
7440-22-4	Silver___		_		NR
7440-23-5	Sodium___	206000_	_		P_
7440-28-0	Thallium_		_		NR
7440-62-2	Vanadium_		_		NR
7440-66-6	Zinc_____		_		NR
_____	Cyanide__		_		NR
_____	_____		_		__

Color Before: COLORLESS Clarity Before: CLEAR_ Texture: _____

Color After: COLORLESS Clarity After: CLEAR_ Artifacts: ___

Comments:

LAB_SAMPLE_ID:__A7391905-CGA00965_____

1

INORGANIC ANALYSES DATA SHEET

NYSDEC SAMPLE NO.

B555C5

Lab Name: RECRA_LABNET_INC._____ Contract: NY96-202__

Lab Code: RECNY_ Case No.: SH997 SAS No.: _____ SDG No.: 1030__

Matrix (soil/water): WATER Lab Sample ID: AD718887

Level (low/med): LOW__ Date Received: 10/30/97

% Solids: __0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L_

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum_				NR
7440-36-0	Antimony_				NR
7440-38-2	Arsenic__				NR
7440-39-3	Barium___				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium__				NR
7440-70-2	Calcium__	128000_			P_
7440-47-3	Chromium_				NR
7440-48-4	Cobalt___				NR
7440-50-8	Copper___				NR
7439-89-6	Iron_____				NR
7439-92-1	Lead_____				NR
7439-95-4	Magnesium	300000_			P_
7439-96-5	Manganese				NR
7439-97-6	Mercury__				NR
7440-02-0	Nickel___				NR
7440-09-7	Potassium	11400_			P_
7782-49-2	Selenium_				NR
7440-22-4	Silver___				NR
7440-23-5	Sodium___	102000_			P_
7440-28-0	Thallium_				NR
7440-62-2	Vanadium_				NR
7440-66-6	Zinc_____				NR
_____	Cyanide__				NR
_____	_____				__

Color Before: COLORLESS Clarity Before: CLEAR_ Texture: _____

Color After: COLORLESS Clarity After: CLEAR_ Artifacts: ___

Comments:

LAB_SAMPLE_ID:__A7391906-CGA00965_____

1
INORGANIC ANALYSES DATA SHEET

NYSDEC SAMPLE NO.
B555C7

Lab Name: RECRA_LABNET_INC._____ Contract: NY96-202__

Lab Code: RECNY_ Case No.: SH997 SAS No.: _____ SDG No.: 1030__

Matrix (soil/water): WATER Lab Sample ID: AD718888

Level (low/med): LOW__ Date Received: 10/30/97

% Solids: __0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L_

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum_		_		NR
7440-36-0	Antimony_		_		NR
7440-38-2	Arsenic__		_		NR
7440-39-3	Barium___		_		NR
7440-41-7	Beryllium		_		NR
7440-43-9	Cadmium__		_		NR
7440-70-2	Calcium__	132000_	_		P_
7440-47-3	Chromium_		_		NR
7440-48-4	Cobalt___		_		NR
7440-50-8	Copper___		_		NR
7439-89-6	Iron_____		_		NR
7439-92-1	Lead_____		_		NR
7439-95-4	Magnesium	508000_	_		P_
7439-96-5	Manganese		_		NR
7439-97-6	Mercury__		_		NR
7440-02-0	Nickel___		_		NR
7440-09-7	Potassium	13900_	_		P_
7782-49-2	Selenium_		_		NR
7440-22-4	Silver___		_		NR
7440-23-5	Sodium___	209000_	_		P_
7440-28-0	Thallium_		_		NR
7440-62-2	Vanadium_		_		NR
7440-66-6	Zinc_____		_		NR
_____	Cyanide__		_		NR
_____	_____		_		__

Color Before: COLORLESS Clarity Before: CLEAR_ Texture: _____

Color After: COLORLESS Clarity After: CLEAR_ Artifacts: ___

Comments:
LAB_SAMPLE_ID:__A7391907-CGA00965_____

1

INORGANIC ANALYSES DATA SHEET

NYSDEC SAMPLE NO.

B55584

Lab Name: RECRA_LABNET_INC._____ Contract: NY96-202__

Lab Code: RECNY_ Case No.: SH997 SAS No.: _____ SDG No.: 1030__

Matrix (soil/water): WATER Lab Sample ID: AD718885

Level (low/med): LOW__ Date Received: 10/30/97

% Solids: __0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L_

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum_				NR
7440-36-0	Antimony_				NR
7440-38-2	Arsenic__				NR
7440-39-3	Barium___				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium__				NR
7440-70-2	Calcium__	108000			P
7440-47-3	Chromium_				NR
7440-48-4	Cobalt___				NR
7440-50-8	Copper___				NR
7439-89-6	Iron_____				NR
7439-92-1	Lead_____				NR
7439-95-4	Magnesium	392000			P
7439-96-5	Manganese				NR
7439-97-6	Mercury__				NR
7440-02-0	Nickel___				NR
7440-09-7	Potassium	12000			P
7782-49-2	Selenium_				NR
7440-22-4	Silver___				NR
7440-23-5	Sodium___	225000			P
7440-28-0	Thallium_				NR
7440-62-2	Vanadium_				NR
7440-66-6	Zinc_____				NR
_____	Cyanide__				NR

Color Before: COLORLESS Clarity Before: CLEAR_ Texture: _____

Color After: COLORLESS Clarity After: CLEAR_ Artifacts: ___

Comments:

LAB_SAMPLE_ID:__A7391904-CGA00965_____

WATER QUALITY RAW DATA

Wet Chemistry Analysis

Client Sample No.

B555A4 0382

Lab Name: Recra LabNet Contract: C003783

Lab Code: RECNY Case No.: SH997 SAS No.: _____ SDG No.: 1030

Matrix (soil/water): WATER Lab Sample ID: A7391901

% Solids: 0.0 Date Samp/Recv: 10/30/97 10/30/97

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Chloride	MG/L	118				325.2	11/10/97
Sulfate	MG/L	7525				375.4	10/31/97
Total Alkalinity	MG/L	882				310.1	11/04/97
Total Hardness	MG/L	6450				130.2	11/06/97

Comments:

Wet Chemistry Analysis

Client Sample No.: 0353

B555A6

Lab Name: Recra LabNet Contract: C003783

Lab Code: RECNY Case No.: SH997 SAS No.: _____ SDG No.: 1030

Matrix (soil/water): WATER Lab Sample ID: A7391902

% Solids: 0.0 Date Samp/Recv: 10/30/97 10/30/97

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Chloride	MG/L	84.7				325.2	11/10/97
Sulfate	MG/L	78.5				375.4	10/31/97
Total Alkalinity	MG/L	551				310.1	11/04/97
Total Hardness	MG/L	601				130.2	11/06/97

Comments:

Wet Chemistry Analysis

Client Sample No.: 0384

B555B3

Lab Name: Recra LabNet Contract: C003783

Lab Code: RECNY Case No.: SH997 SAS No.: _____ SDG No.: 1030

Matrix (soil/water): WATER Lab Sample ID: A7391903

% Solids: 0.0 Date Samp/Recv: 10/30/97 10/30/97

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Chloride	MG/L	27.0				325.2	11/10/97
Sulfate	MG/L	3.4				375.4	10/31/97
Total Alkalinity	MG/L	1110				310.1	11/04/97
Total Hardness	MG/L	941				130.2	11/06/97

Comments:

Wet Chemistry Analysis

Client Sample No.: 0385

B555B3

Lab Name: Recra LabNet Contract: C003783

Lab Code: RECNY Case No.: SH997 SAS No.: _____ SDG No.: 1030

Matrix (soil/water): WATER Lab Sample ID: A7391903MD

% Solids: 0.0 Date Samp/Recv: 10/30/97 10/30/97

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Chloride	MG/L	25.7				325.2	11/10/97

Comments:

Wet Chemistry Analysis

Client Sample No.: 0395

B555B3

Lab Name: Recra LabNet Contract: C003783

Lab Code: RECNY Case No.: SH997 SAS No.: _____ SDG No.: 1030

Matrix (soil/water): WATER Lab Sample ID: A7391903MS

% Solids: 0.0 Date Samp/Recv: 10/30/97 10/30/97

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Chloride	MG/L	48.7				325.2	11/10/97

Comments:

Wet Chemistry Analysis

Client Sample No.: 0387

B555B4

Lab Name: Recra LabNet Contract: C003783

Lab Code: RECNY Case No.: SH997 SAS No.: _____ SDG No.: 1030

Matrix (soil/water): WATER Lab Sample ID: A7391904

% Solids: 0.0 Date Samp/Recv: 10/30/97 10/30/97

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Chloride	MG/L	26.9				325.2	11/10/97
Sulfate	MG/L	1500				375.4	10/31/97
Total Alkalinity	MG/L	785				310.1	11/04/97
Total Hardness	MG/L	1800				130.2	11/06/97

Comments:

Wet Chemistry Analysis

Client Sample No.: B555C1

Lab Name: Recra LabNet Contract: C003783

Lab Code: RECNY Case No.: SH997 SAS No.: _____ SDG No.: 1030

Matrix (soil/water): WATER Lab Sample ID: A7391905

% Solids: 0.0 Date Samp/Recv: 10/30/97 10/30/97

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Chloride	MG/L	31.8				325.2	11/10/97
Sulfate	MG/L	2260				375.4	10/31/97
Total Alkalinity	MG/L	793				310.1	11/04/97
Total Hardness	MG/L	2380				130.2	11/06/97

Comments:

Wet Chemistry Analysis

Client Sample No.: 0383

B555C5

Lab Name: Recra LabNet Contract: C003783

Lab Code: RECNY Case No.: SH997 SAS No.: _____ SDG No.: 1030

Matrix (soil/water): WATER Lab Sample ID: A7391906

% Solids: 0.0 Date Samp/Recv: 10/30/97 10/30/97

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Chloride	MG/L	44.5				325.2	11/10/97
Sulfate	MG/L	1220				375.4	10/31/97
Total Alkalinity	MG/L	777				310.1	11/04/97
Total Hardness	MG/L	1470				130.2	11/06/97

Comments:

Wet Chemistry Analysis

0390

Client Sample No.: B555C7

Lab Name: Recra LabNet Contract: C003783

Lab Code: RECNY Case No.: SH997 SAS No.: _____ SDG No.: 1030

Matrix (soil/water): WATER Lab Sample ID: A7391907

% Solids: 0.0 Date Samp/Recv: 10/30/97 10/30/97

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Chloride	MG/L	35.9				325.2	11/10/97
Sulfate	MG/L	1670				375.4	10/31/97
Total Alkalinity	MG/L	802				310.1	11/04/97
Total Hardness	MG/L	2190				130.2	11/06/97

Comments: