ATTACHMENT 1

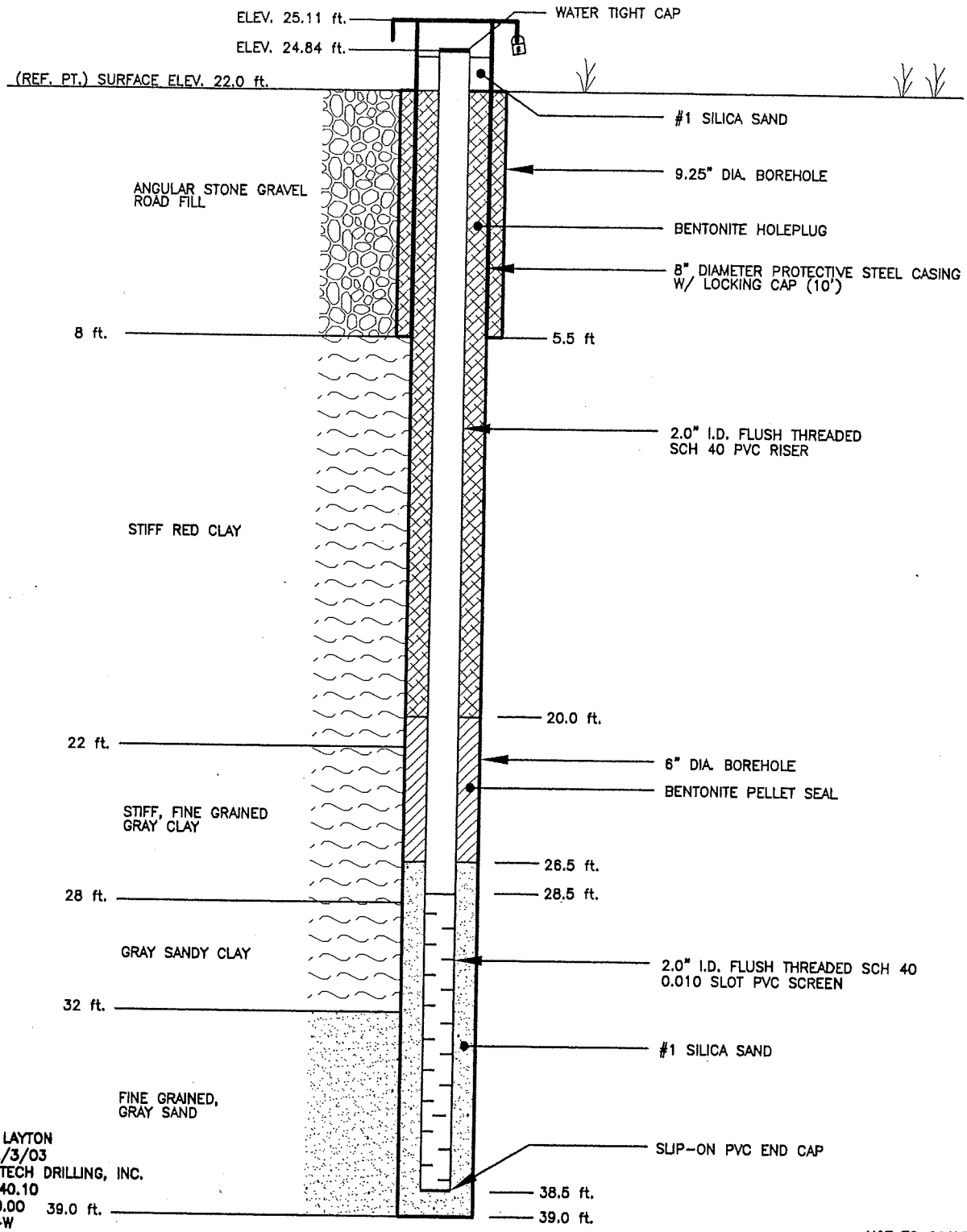
MONITORING WELL CONSTRUCTION DIAGRAMS
AND DRILL LOGS

WASTE MANAGEMENT
DELAWARE RECYCLABLE PRODUCTS, INC.
DRPI INDUSTRIAL WASTE LANDFILL

PROPOSED DISPOSAL CELL 6 EXPANSION
HYDROGEOLOGIC ASSESSMENT SUMMARY

WMI-186A001

12/18/03



LOGGED BY: ED LAYTON
DATE DRILLED: 12/3/03
DRILLED BY: UNITECH DRILLING, INC.
NORTHING: 621740.10
EASTING: 454640.00
PERMIT #197623-W

NOT TO SCALE

BLAZOSKY Associates • Inc.
Balanced Environmental Solutions

DELAWARE RECYCLABLE PRODUCTS, INC.

WASTE MANAGEMENT, INC.

MINQUADALE BOROUGH NEW CASTLE COUNTY DELAWARE

MONITORING WELL MW-101S

BALANCED ENVIRONMENTAL SOLUTIONS

State College, PA.,Telephone:814/238-2060; Delaware Valley, PA.,Telephone:610/783-0125

DELAWARE RECYCLABLE PRODUCTS, INC.
WASTE MANAGEMENT, INC.

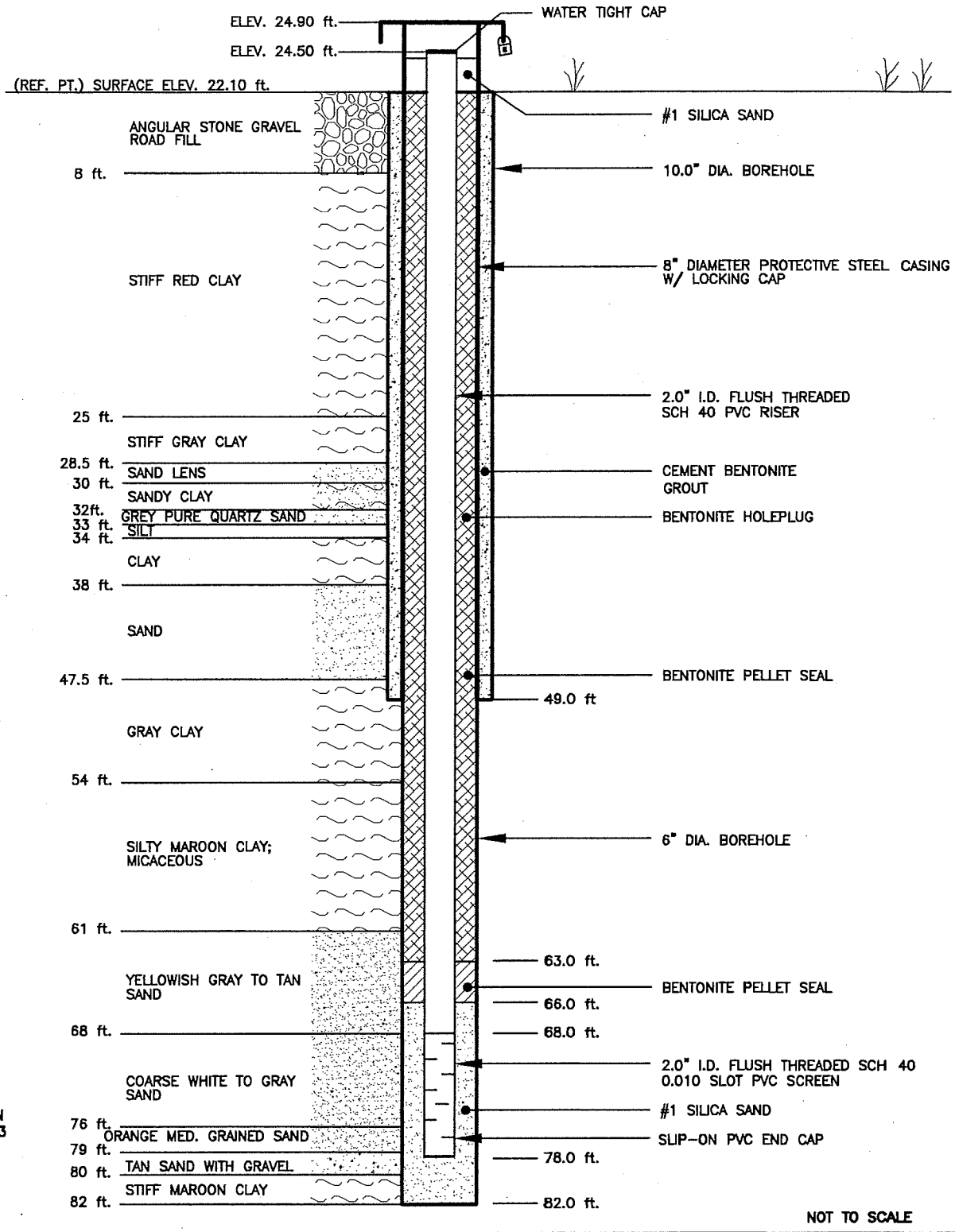
DISPOSAL CELL 6 EXPANSION

Monitoring Well
MW-101(S)

DEPTH (ft.)	DESCRIPTION	ELEV. (ft MSL)
0-2	Drilled from 0' to 2' below ground surface. Blow count 50 over 12". No recovery.	22 -20
5-7	Gravel fill material, angular stone, poorly sorted. Blow count 34 over 12". Recovery=8".	17-15
8-10	3"= light grey gravel fill 9"= dark loam fill 3"= grey clay Blow count= 4/4/6/4 (over 24"). Recovery 15".	14 - 12
12-14	Stiff red clay. Blow count 29 over 18". Recovery= 4".	10 - 8
16-18	Stiff red clay. Recovery=10".	6 - 4
22-24	Stiff grey fine-grained clay. Blow count 21 over 18". Recovery= 16".	0 - -2
28-30	Grey sandy clay. Blow Count =15/14/21 (over 18"). Recovery= 15".	-6 - -8
32-34	Grey very fine sand. Blow Count =75.	-10 - -12
34-36	Grey fine grained sand. Blow Count =100.	-12 - -14

Date Drilled: 11/25/2003
Drilled By: Uni-tech, Malaga, NJ.
Drilling Method: Mud Rotary
Total Drilled Depth: 36ft
Borehole Diameter: 0-36ft, 6-inch
Surface Elevation: 22.0 MSL
Bottom Elevation: -16 ft MSL
Grid Location: N 621740.1 E 454640.0
Logged By: E. Layton, **Blazosky Associates, Inc.**

WMI-186A002 12/18/03



LOGGED BY: ED LAYTON
DATE DRILLED: 11/25/03
DRILLED BY:
UNITECH DRILLING, INC.
NORTHING: 621730.10
EASTING: 454647.50
PERMIT #197624-W

NOT TO SCALE

BLAZOSKY Associates Inc.
Balanced Environmental Solutions

DELAWARE RECYCLABLE PRODUCTS, INC.

WASTE MANAGEMENT, INC.

MINQUADALE BOROUGH NEW CASTLE COUNTY DELAWARE

MONITORING WELL MW-101D

BALANCED ENVIRONMENTAL SOLUTIONS
State College, PA.,Telephone:814/238-2060; Delaware Valley, PA.,Telephone:610/783-0125

DELAWARE RECYCLABLE PRODUCTS, INC.
WASTE MANAGEMENT, INC.

DISPOSAL CELL 6 EXPANSION

Monitoring Well
MW-101 (D)

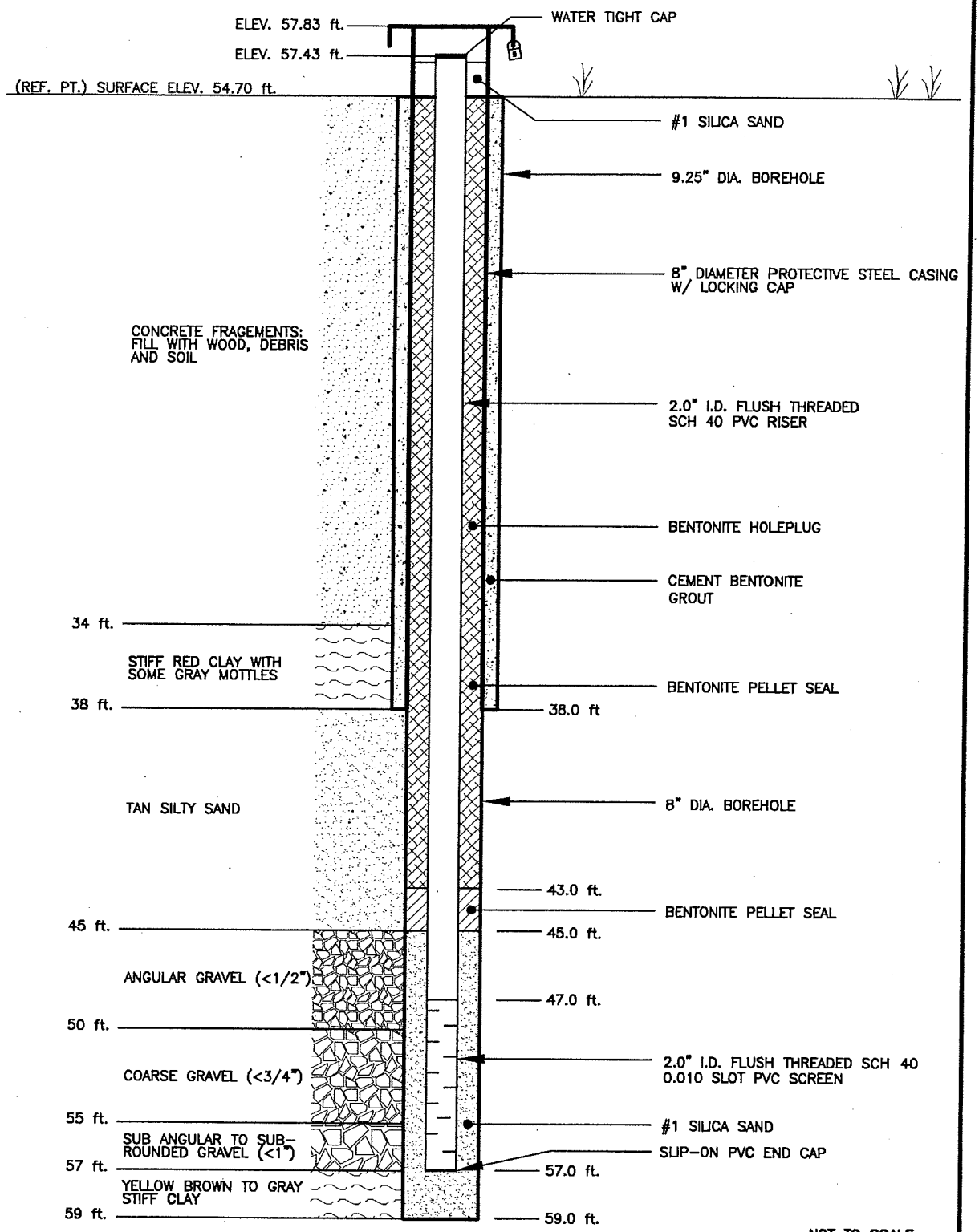
DEPTH (ft.)	DESCRIPTION	ELEV. (ft MSL)
0-25	Drilled from 0' to 25' below ground surface.	22.1 - -2.9
25-27	Stiff grey clay, moist but not saturated. Blow count=12 over 18". Recovery=16".	-2.9 - -4.9
28.5	Sand lens.	-6.4
30-32	Grey sandy clay, sand is very fine. Blow count 75 over 18". Recovery=10".	-7.9 - -9.9
32-34	3"= grey pure quartz sand well sorted. 4"= dark grey poorly sorted clay-like silt with some sand 5"= stiff gray clay Blow count 100 over 16". Recovery= 12"	-9.9 - -11.9
38-40	Grey medium sand. Blow count 100 over 15". Recovery=11".	-15.9 - -17.9
40-42	6"= grey medium to fine silty sand 1"= dark grey coarse sand 0.5"= red sand with clay 2"= yellow sand 0.5"= white sand Blow count 100 over 16". Recovery= 10".	-17.9 - -19.9
42-44	8"= reddish to pink fine to medium sand, 1" oxidized zone 3"= grey medium sand Blow count 59 over 18". Recovery= 11".	-19.9 - -21.9
44-47	Drilled through sand	-21.9 - -24.9

47.5-49.5	Stiff grey clay. Blow count 35 over 18". Recovery=11".	-25.4 - -27.4
52-54	Stiff grey clay. Blow count 24 over 12". Recovery=8".	-29.9 - -31.9
54-56	Red silty micaceous clay. Blow count 70 over 16". Recovery= 16".	-31.9 - -33.9
60-62	2"= red silty, micaceous clay 10"= yellow to tan medium grained sand, some mica and darker minerals. Blow count 40 over 12". Recovery= 12".	-37.9 - -39.9
62-64	4" layer of stiff grey clay. 12" interbedded grey and yellow medium to coarse well-sorted pure sand, grey sand layers contain some mica. Blow count 100 over 18". Recovery= 16".	-39.9 - -41.9
68-70	Coarse white sand grading down the spoon into a grey silt. Bottom of spoon exhibits a 1" coarse sand layer. Blow count 100 over 12". Recovery= 16".	-45.9 - -47.9
76-78	4"= orange medium-grained sand 6"= tan find-grained, well-sorted sand 6"= tan poorly sorted sand with gravel, gravel is angular (<1/8"), qtz fragments) Blow count 65 over 18". Recovery= 16".	-53.1 - -55.1
80-82	Stiff red clay. Recovery= 11".	-57.9 – -59.9

Date Drilled: 11/24/2003-11/25//2003
Drilled By: Uni-tech, Malaga, NJ.
Drilling Method: Mud Rotary
Total Drilled Depth: 82 ft
Borehole Diameter: 0-82 ft, 6-inch and 10-inch
Surface Elevation: 22.1 MSL
Bottom Elevation: -59.9 ft MSL
Grid Location: N 621730.1 E 454647.5
Logged By: E. Layton, **Blazosky Associates, Inc.**

WMI-186A003

12/18/03



LOGGED BY: ED LAYTON
DATE DRILLED: 12/03/03
DRILLED BY:
UNITECH DRILLING, INC.
NORTHING: 620712.30
EASTING: 455949.70
PERMIT #197625-W

NOT TO SCALE

BLAZOSKY Associates Inc.
Balanced Environmental Solutions

DELAWARE RECYCLABLE PRODUCTS, INC.

WASTE MANAGEMENT, INC.

MINQUADALE BOROUGH NEW CASTLE COUNTY DELAWARE

MONITORING WELL MW-102S

BALANCED ENVIRONMENTAL SOLUTIONS

State College, PA.,Telephone:814/238-2060; Delaware Valley, PA.,Telephone:610/783-0125

DELAWARE RECYCLABLE PRODUCTS, INC.
WASTE MANAGEMENT, INC.

DISPOSAL CELL 6 EXPANSION

Monitoring Well
MW-102(S)

DEPTH (ft.)	DESCRIPTION	ELEV. (ft MSL)
0-38	Drilled from 0′ to 38′ below ground surface. Encountered wood, concrete, and clay.	54.7-16.7
45-47	Coarse angular gravel. Blow count= 33/33/33/37. Recovery= 17″	9.7-7.7
50-52	Gravel- impure, poorly sorted, subangular to rounded Tan and white quartz, feldspar, green serpentine Blow count= 12/18/20/3. Recovery= 17″	4.7-2.7
55-57	Gravel- angular to subangular	-0.3 - -2.3
57-59	Tight red clay, weathered green/olive mottling; grey mottling. Recovery= 14″	-2.3 - -4.3

Date Drilled: 11/26/2003, 12/01/2003, 12/02/2003
Drilled By: Uni-tech, Maloga, NJ
Drilling Method: Mud Rotary
Total Drilled Depth: 59 ft
Borehole Diameter: 59 ft, 6-inch
Surface Elevation: 54.7 ft MSL
Bottom Elevation: -4.3 ft MSL
Grid Location: N 620712.3 E 455949.7
Logged By: E. Layton, **Blazosky Associates, Inc.**

ATTACHMENT 2

2004 AQUIFER TEST DATA AND
CALCULATION SHEETS

WASTE MANAGEMENT
DELAWARE RECYCLABLE PRODUCTS, INC.
DRPI INDUSTRIAL WASTE LANDFILL

PROPOSED DISPOSAL CELL 6 EXPANSION
HYDROGEOLOGIC ASSESSMENT SUMMARY

BLAZOSKY ASSOCIATES, INC.
Consultants in Waste Management

WASTE MANAGEMENT, INC.
DELAWARE RECYCLABLE PRODUCTS, INC.

HYDRAULIC PROPERTIES CALCULATION WORKSHEET

Well ID:	**MW-1S**	Hydraulic Gradient*	ft/ft	Transmissivity	gpd/ft
		Porosity (Low)		Hydraulic Conductivity	cm/sec
Date:	2/12/2004	Porosity (High)		Velocity (35% porosity)	ft/day
S.W.L	27.75 ft	Saturated Thickness	45 ft	Velocity (50% porosity)	ft/day
Depth	42 ft	Pumping Rate	2 gpm	Δs (total change in drawdown)	0.01 ft

FIELD DATA

Time	Elapsed Time	Drawdown
10:03:00	0.50	0.00
10:03:30	1.00	0.00
10:04:00	1.50	0.00
10:04:30	2.00	0.00
10:05:00	2.50	0.00
10:05:30	3.00	0.00
10:06:00	3.50	0.00
10:06:30	4.00	0.00
10:07:00	4.50	0.00
10:07:30	5.00	0.00
10:08:00	5.50	0.00
10:08:30	6.00	0.00
10:09:00	6.50	0.00
10:09:30	7.00	0.00
10:10:00	7.50	0.00
10:10:30	8.00	0.01
10:11:00	8.50	0.01
10:12:00	9.50	0.01
10:12:30	10.00	0.01
10:13:00	10.50	0.01
10:14:00	11.00	0.01
10:14:30	11.50	0.01
10:15:30	12.00	0.01
10:16:00	12.50	0.01
10:17:00	13.00	0.01
10:18:00	13.50	0.01
10:19:00	14.00	0.01
10:20:00	14.50	0.01
10:21:00	15.00	0.01
10:22:00	15.50	0.01
10:23:00	16.00	0.01
10:24:00	16.50	0.01
10:25:00	17.00	0.01
10:26:00	17.50	0.01
10:27:00	18.00	0.01
10:28:00	18.50	0.01
10:29:00	19.00	0.01
10:30:00	19.50	0.01
10:35:00	20.00	0.01
10:40:00	20.50	0.01
10:45:00	21.00	0.01
10:50:00	21.50	0.01
10:55:00	22.00	0.01
11:00:00	22.50	0.01
11:10:00	23.00	0.01
11:30:00	23.50	0.01
11:40:00	24.00	0.01
11:50:00	24.50	0.01
12:00:00	25.00	0.01
12:10:00	25.50	0.01
12:20:00	26.00	0.01
12:30:00	26.50	0.01
12:40:00	27.00	0.01
12:50:00	27.50	0.01
13:00:00	28.00	0.01
13:00:30	28.50	0.01
13:01:00	29.00	0.01
13:01:30	29.50	0.01
13:02:00	30.00	0.01

Constants		Equations
T	transmissivity	$T = (264)(Q) / \Delta s$
K	hydraulic conductivity	$K = T / B$
I	hydraulic gradient*	$I = (h_1 - h_2)/L$
V	velocity	$V = (K)(I) / n$
B	saturated interval	as listed
Q	Pumping Rate	as listed
Δs	change in drawdown	as listed
n	porosity	as listed

CALCULATIONS:

T =	Not determinable
K =	Not determinable
I =	Not determinable
V1 =	Not determinable
V2 =	Not determinable

This well exhibited essentially no drawdown at 2 gpm.

BLAZOSKY Associates • inc.

Consultants in Waste Management

WASTE MANAGEMENT, INC.
DELAWARE RECYCLABLE PRODUCTS, INC.

HYDRAULIC PROPERTIES CALCULATION WORKSHEET (Pumping Test)

Well ID:	MW-2D	Hydraulic Gradient*	0.006 ft/ft	Transmissivity	166.04 gpd/ft
		Porosity (Low)	0.35	Hydraulic Conductivity	0.0004 cm/sec
Date:	2/11/2004	Porosity (High)	0.5	Velocity (35% porosity)	0.02 ft/day
S.W.L	33.26 ft	Saturated Thickness	18.74 ft	Velocity (50% porosity)	0.01 ft/day
Depth	52 ft	Pumping Rate	1 gpm	Δs (15.5 min to 22.5 min)	1.59 ft

FIELD DATA

Time	Elapsed Time	Drawdown
10:03:00	0.5	0.01
10:03:30	1	1.90
10:04:00	1.5	2.46
10:04:30	2	2.51
10:05:00	2.5	2.65
10:05:30	3	3.03
10:06:00	3.5	3.22
10:06:30	4	3.49
10:07:00	4.5	3.73
10:07:30	5	3.93
10:08:00	5.5	4.08
10:08:30	6	4.20
10:09:00	6.5	4.30
10:09:30	7	4.38
10:10:00	7.5	4.45
10:10:30	8	4.50
10:11:00	8.5	4.55
10:11:30	9	4.59
10:12:00	9.5	4.63
10:12:30	10	4.65
10:13:00	10.5	4.62
10:14:00	11.5	4.51
10:14:30	12	4.54
10:15:30	13	4.65
10:16:00	13.5	4.68
10:17:00	14.5	4.71
10:18:00	15.5	4.72
10:19:00	16.5	4.74
10:20:00	17.5	4.76
10:21:00	18.5	4.78
10:22:00	19.5	4.80
10:23:00	20.5	4.81
10:24:00	21.5	4.82
10:25:00	22.5	4.83
10:26:00	23.5	4.84
10:27:00	24.5	4.84
10:28:00	25.5	4.83
10:29:00	26.5	4.82
10:30:00	27.5	4.73
10:35:00	32.5	4.41
10:40:00	37.5	4.36
10:45:00	42.5	4.43
10:50:00	47.5	4.45
10:55:00	52.5	4.45
11:00:00	57.5	4.50
11:10:00	67.5	4.47
11:30:00	87.5	4.55
11:40:00	97.5	4.58

Constants		Equations
T	transmissivity	T= (264)(Q) / Δs
K	hydraulic conductivity	K = T / B
I	hydraulic gradient*	$I = (h_1-h_2)/L$
V	velocity	V = (K)(I) / n
B	saturated interval	as listed
Q	Pumping Rate	as listed
Δs	change in drawdown	as listed
n	porosity	as listed

CALCULATIONS:

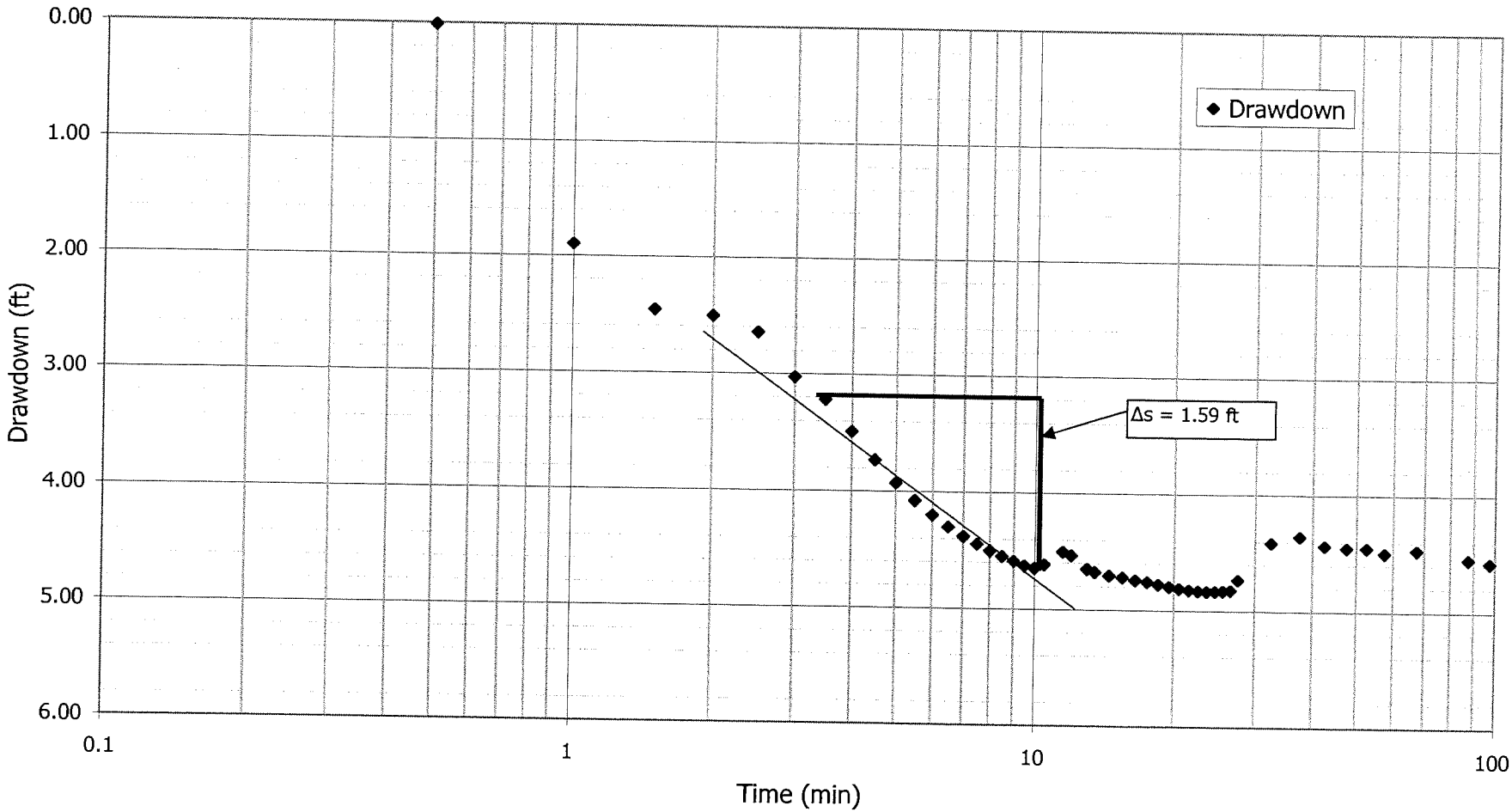
T =	264	*	1	/		1.59	=	166.04	gpd/ft					
K =	166.04	/	18.74	*		0.0000472	=	0.0004	cm/sec	=	4.18E-04	cm/sec		
I =	30.00	-	35.93	/		1060	=	0.0056	ft/ft					
V1 =	0.000004	*	0.0056	/		0.35	=	6.68E-08	m/sec	*	283500	=	0.02	ft/day
V2 =	0.000004	*	0.0056	/		0.5	=	4.68E-08	m/sec	*	283500	=	0.01	ft/day

* Hydraulic gradient was calculated from the water level measured in well MW-1(S) and the 30' groundwater contour divided by the distance between the two (1060ft) as depicted on the January 27, 2004 shallow zone groundwater contour map.

** Transmissivity determined using the Cooper-Jacob Modified Nonequilibrium Equation (1946).

Waste Management
Delaware Recyclable Products, Inc.
Cell 6 Expansion - Aquifer Tests
Well MW-2D - 2/11/2004

Time vs. Drawdown (log)



BLAZOSKY Associates • Inc.

Consultants in Waste Management

WASTE MANAGEMENT, INC.
DELAWARE RECYLABLE PRODUCTS, INC.

HYDRAULIC PROPERTIES CALCULATION WORKSHEET

Well ID:	C1-S1(D)	Hydraulic Gradient*	0.0001 ft/ft	Transmissivity	1109.24 gpd/ft
		Porosity (Low)	0.35	Hydraulic Conductivity	0.0008 cm/sec
Date:	2/12/2004	Porosity (High)	0.5	Velocity (35% porosity)	0.00 ft/day
S.W.L	35.06 ft	Saturated Thicknes	65.94 ft	Velocity (50% porosity)	0.00 ft/day
Depth	101 ft	Pumping Rate	4 gpm	Δs (20 min to 30 min)	0.952 ft

FIELD DATA

Time	Elapsed Time	Drawdown
16:21:37	0.50	4.108
16:22:07	1.00	4.900
16:22:37	1.50	5.710
16:23:07	2.00	6.507
16:23:37	2.50	7.271
16:24:07	3.00	8.000
16:24:37	3.50	8.700
16:25:07	4.00	9.365
16:25:37	4.50	9.995
16:26:07	5.00	10.594
16:26:37	5.50	11.161
16:27:07	6.00	11.705
16:27:37	6.50	12.219
16:28:07	7.00	12.716
16:28:37	7.50	13.177
16:29:07	8.00	13.614
16:29:37	8.50	14.021
16:30:07	9.00	14.401
16:30:37	9.50	14.758
16:31:07	10.00	15.095
16:31:37	10.50	15.413
16:32:07	11.00	15.708
16:33:07	12.00	16.356
16:34:07	13.00	17.085
16:34:37	13.50	17.391
16:35:07	14.00	17.661
16:36:07	15.00	18.111
16:37:07	16.00	18.481
16:38:07	17.00	18.778
16:39:07	18.00	18.997
16:40:07	19.00	19.171
16:41:07	20.00	19.317
16:42:07	21.00	19.453
16:43:07	22.00	19.577
16:44:07	23.00	19.691
16:45:07	24.00	19.794
16:46:07	25.00	19.887
16:47:07	26.00	19.980
16:48:07	27.00	20.061
16:49:07	28.00	20.135
16:49:37	28.50	20.170
16:50:07	29.00	20.205
16:51:07	30.00	20.269
16:53:07	32.00	20.362
16:55:07	34.00	20.393
16:57:07	36.00	20.403
16:59:07	38.00	20.393
17:01:07	40.00	20.147

Constants		Equations
T	transmissivity	T= (264)(Q) / Δs
K	hydraulic conductivity	K = T / B
I	hydraulic gradient*	$I = (h_1-h_2)/L$
V	velocity	V = (K)(I) / n
B	saturated interval	as listed
Q	Pumping Rate	as listed
Δs	change in drawdown	as listed
n	porosity	as listed

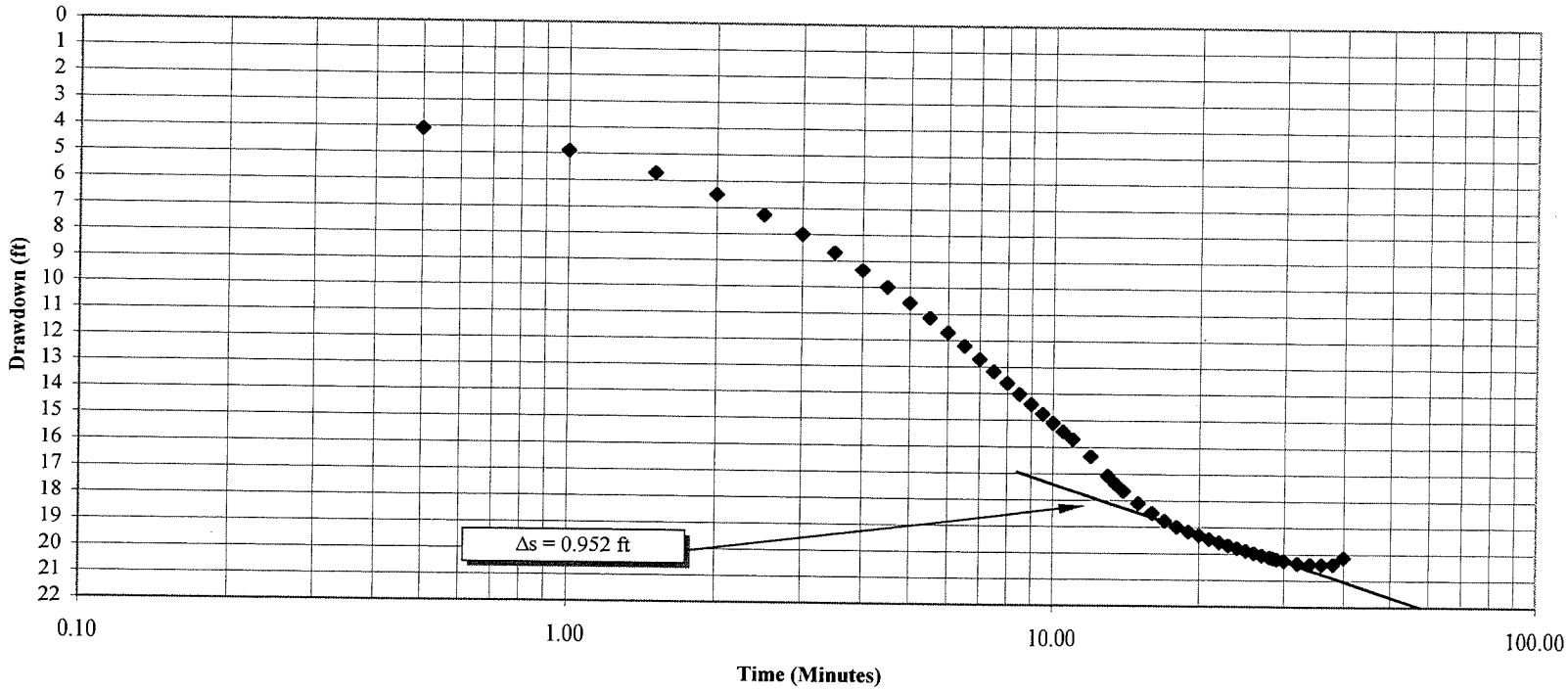
CALCULATIONS:

T =	264	*	4	/		0.95	=	1109.24	gpd/ft					
K =	1109.24	/	65.94	*		0.0000472	=	0.0008	cm/sec	=	7.94E-04	cm/sec		
I =	2.29	-	2.00	/		2000	=	0.0001	ft/ft					
V1 =	0.000008	*	0.0001	/		0.35	=	3.29E-09	m/sec	*	283500 =	0.00	ft/day	
V2 =	0.000008	*	0.0001	/		0.5	=	2.30E-09	m/sec	*	283500 =	0.00	ft/day	

* Hydraulic gradient was calculated from the water level measured in well C1-S1(D) and the 2.0' groundwater contour divided by the distance between the two (2000ft) as depicted on the January 27, 2004 deep zone groundwater contour map.

** Transmissivity determined using the Cooper-Jacob Modified Nonequilibrium Equation (1946).

Waste Management, Inc.
Delaware Recyclable Products, Inc.
Cell 6 Expansion - Aquifer Tests
C1-S1(D) Single Well Pumping Test, 2/11/2004



BLAZOSKY Associates • inc.

Consultants in Waste Management

WASTE MANAGEMENT, INC.
DELAWARE RECYLABLE PRODUCTS, INC.

HYDRAULIC PROPERTIES CALCULATION WORKSHEET (Recovery Test)

Well ID:	C1-S1(D)	Hydraulic Gradient*	0.0001 ft/ft	Transmissivity	122.96 gpd/ft
		Porosity (Low)	0.35	Hydraulic Conductivity	0.0001 cm/sec
Date:	2/12/2004	Porosity (High)	0.5	Velocity (35% porosity)	0.00 ft/day
S.W.L	35.06 ft	Saturated Thicknes	65.94 ft	Velocity (50% porosity)	0.00 ft/day
Depth	101 ft	Pumping Rate	4 gpm	Δs (1.0 min to 2.0 min)	8.588 ft

FIELD DATA

Time	Elapsed Time	Drawdown
16:21:37	0.50	4.081
16:22:07	1.00	8.190
16:22:37	1.50	16.840
16:23:07	2.00	16.778
16:23:37	2.50	16.702
16:24:07	3.00	16.569
16:24:37	3.50	16.425
16:25:07	4.00	16.345
16:25:37	4.50	16.146
16:26:07	5.00	16.528
16:26:37	5.50	16.494
16:27:07	6.00	16.529
16:27:37	6.50	16.506
16:28:07	7.00	16.523
16:28:37	7.50	16.491
16:29:07	8.00	16.477
16:29:37	8.50	16.415
16:30:07	9.00	16.549
16:30:37	9.50	16.481
16:31:07	10.00	16.369
16:31:37	10.50	16.381
16:32:07	11.00	16.396
16:32:37	11.50	16.410
16:33:07	12.00	16.431
16:33:37	12.50	16.325
16:34:07	13.00	16.346
16:34:37	13.50	16.392
16:35:07	14.00	16.470
16:35:37	14.50	16.389
16:36:07	15.00	16.466
16:36:37	15.50	16.387
16:37:07	16.00	16.472
16:37:37	16.50	16.400
16:38:07	17.00	16.530
16:38:37	17.50	16.453
16:39:07	18.00	16.385
16:39:37	18.50	16.468
16:40:07	19.00	16.404
16:40:37	19.50	16.338
16:41:07	20.00	16.464

Constants		Equations
T	transmissivity	T= (264)(Q) / Δs
K	hydraulic conductivity	K = T / B
I	hydraulic gradient*	$I = (h_1-h_2)/L$
V	velocity	V = (K)(I) / n
B	saturated interval	as listed
Q	Pumping Rate	as listed
Δs	change in drawdown	as listed
n	porosity	as listed

CALCULATIONS:

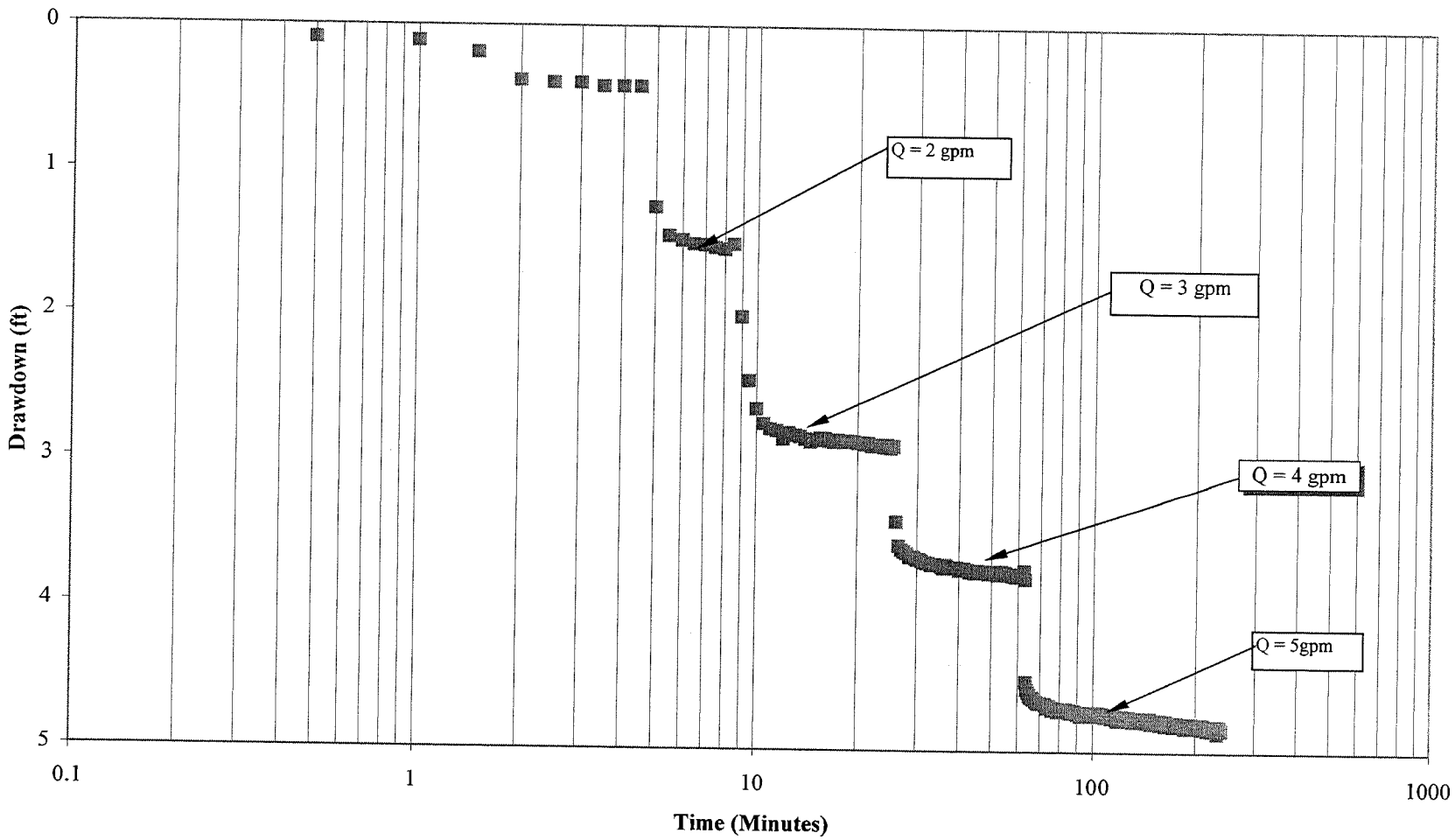
T =	264	*	4	/		8.59	=	122.96	gpd/ft					
K =	122.96	/	65.94	*		0.0000472	=	0.0001	cm/sec	=	8.80E-05	cm/sec		
I =	2.29	-	2.00	/		2000	=	0.0001	ft/ft					
V1 =	0.000001	*	0.0001	/		0.35	=	3.65E-10	m/sec	*	283500 =	0.00	ft/day	
V2 =	0.000001	*	0.0001	/		0.5	=	2.55E-10	m/sec	*	283500 =	0.00	ft/day	

* Hydraulic gradient was calculated from the water level measured in well C1-S1(D) and the 2.0' groundwater contour divided by the distance between the two (2000ft) as depicted on the January 27, 2004 deep zone groundwater contour map.

** Transmissivity determined using the Cooper-Jacob Modified Nonequilibrium Equation (1946).

Waste Management
Delaware Recyclable Products, Inc.
Cell 6 Expansion Aquifer Test

DMW-1 Step Test Graph
Time vs. Drawdown (log)



DRPI INDUSTRIAL WASTE LANDFILL
AQUIFER HYDRAULIC TEST DATA CALCULATION SHEET
PROPOSED CELL 6 EXPANSION

Prepared by: **Taylor GeoServices, Inc.**

938 Lincoln Avenue, Springfield, PA 19064 · Phone: 610-543-1590 · Fax: 610-543-3374

Prepared for: WASTE MANAGEMENT

Well ID:	**DMW-1**	Hydro. Gradient (I)	0.0001 ft/ft	Transmissivity (T)	1066.67 gpd/ft
Date:	6/30/2004	Porosity (Low) (n)	0.35	Hydraulic Conductivity (K)	1.12E-03 cm/sec
S.W.L	60.13 ft	Porosity (High) (n)	0.5	Velocity (35% porosity) (V)	0.00 ft/day
Depth	151.2 ft	Sat. Thickness (B)	45 ft	Velocity (50% porosity) (V)	0.00 ft/day
		Pumping Rate (Q)	4 gpm	Δs (10 min to 100 min)	0.99 ft

FIELD DATA

Time	Elapsed Time (min)	Drawdown (ft)
12:30	0	0.00
12:33	3	1.47
12:34	4	2.22
12:36	6	3.39
12:37	7	3.53
12:38	8	3.63
12:39	9	3.69
12:40	10	3.73
12:41	11	3.78
12:42	12	3.83
12:43	13	3.83
12:44	14	3.85
12:45	15	3.87
12:50	20	3.99
13:00	30	4.16
13:10	40	4.28
13:20	50	4.40
13:30	60	4.48
13:40	70	4.58
13:50	80	4.60
14:00	90	4.68
14:10	100	4.72
14:20	110	4.82
14:30	120	4.84
14:40	130	4.85
14:50	140	4.89
14:52 Pump Failure; end test		

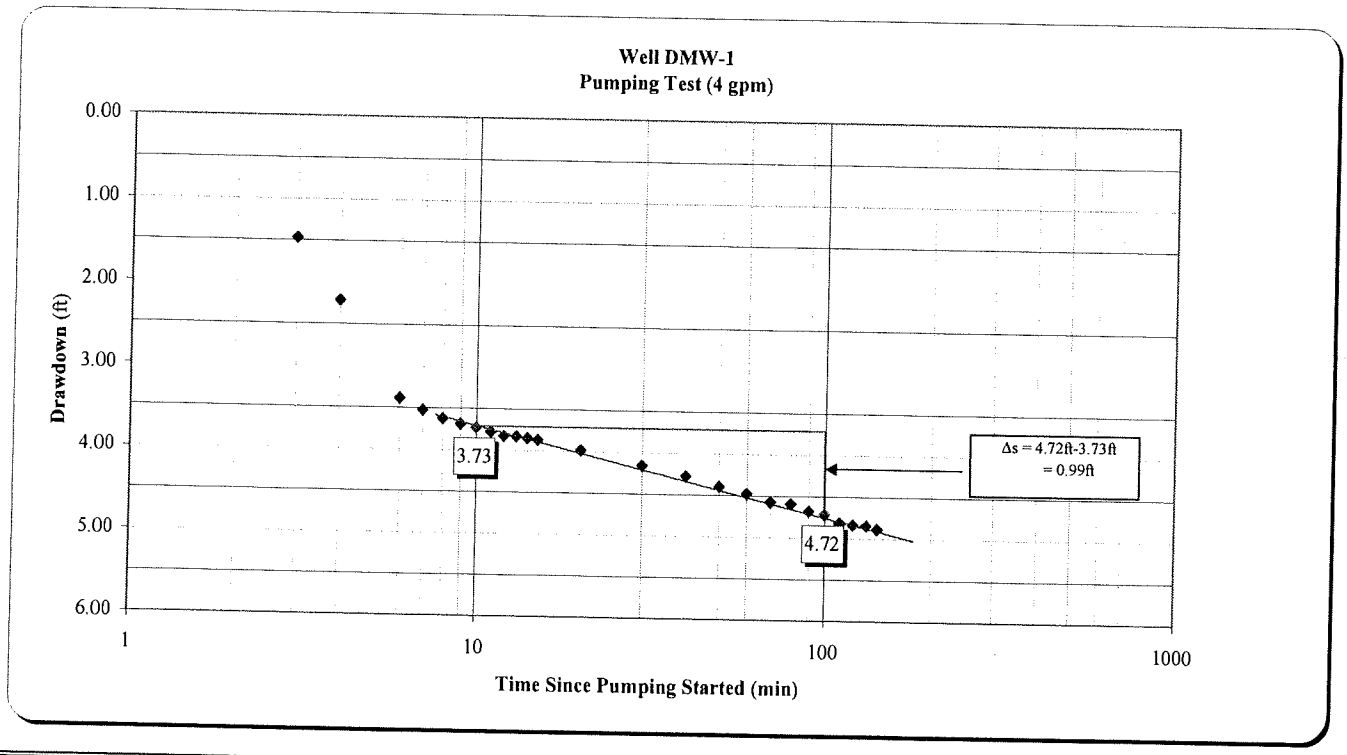
Variables		Equations
T	transmissivity*	$T = (264)(Q) / \Delta s$
K	hydraulic conductivity	$K = T / B$
I	hydraulic gradient**	$I = (h_1 - h_2)/L$
V	velocity	$V = (K)(I) / n$
B	saturated interval	as listed
Q	Pumping Rate	as listed
Δs	change in drawdown	as listed
n	porosity	as listed

CALCULATIONS:

T =	264	*	4	/	0.99	=	1,066.67	gpd/ft				
K =	1066.67	/	45	*	0.0000472	=	0.0011	cm/sec	=	1.12E-03	cm/sec	
I =	2.29	-	2.00	/	2000	=	0.0001	ft/ft				
V1 =	0.000011	*	0.0001	/	0.35	=	4.64E-09	m/sec	*	283500 =	0.00	ft/day
V2 =	0.000011	*	0.0001	/	0.5	=	3.24E-09	m/sec	*	283500 =	0.00	ft/day

* Transmissivity determined using the Cooper-Jacob Modified Nonequilibrium Equation (1946).

** Hydraulic gradient was calculated from the water level measured in well C1-S1(D) and the 2.0' groundwater contour divided by the distance between the two (2000ft) as depicted on the January 27, 2004 deep zone groundwater contour map.



ATTACHMENT 3

LABORATORY ANALYTICAL RESULTS
DECEMBER 2003 SAMPLING EVENT

WASTE MANAGEMENT
DELAWARE RECYCLABLE PRODUCTS, INC.
DRPI INDUSTRIAL WASTE LANDFILL

PROPOSED DISPOSAL CELL 6 EXPANSION
HYDROGEOLOGIC ASSESSMENT SUMMARY

1\60

SEVERN TRENT STL

STL Buffalo
10 Hazelwood Drive, Suite 106
Amherst, NY 14228

Tel: 716 691 2600 Fax: 716 691 7991
www.stl-inc.com

ANALYTICAL REPORT

Job#: A03-C322

STL Project#: NY5A5821.1
Site Name: Delaware
Task: ANNUAL GW - PADER FORM 19

Mr. Matt Williams
DRPI
198 Marsh Lane
New Castle, DE 19720

CC: Mr. Andy Sokol

STL Buffalo

Amy Lynn Haag
Project Manager

03/15/2004

STL Buffalo
Current Certifications

STATE	Program	Cert # / Lab ID
A2LA (ISO 17025)	SDWA, CWA, RCRA	0732-01
Arkansas	SDWA, CWA, RCRA, SOIL	03-054-D/88-0686
California	NELAP CWA, RCRA	01169CA
Canada	GENERAL	SCC 1007-15/10B
Connecticut	SDWA, CWA, RCRA, SOIL	PH-0568
Florida	NELAP CWA, RCRA	E87672
Georgia	SDWA	956
Illinois	NELAP SDWA, CWA, RCRA	200003
Kansas	NELAP SDWA, CWA, RCRA	E-10187
Kentucky	SDWA	90029
Kentucky UST	UST	30
Louisiana	NELAP CWA, RCRA	2031
Maine	SDWA, CWA	NY044
Maryland	SDWA	294
Massachusetts	SDWA, CWA	M-NY044
Michigan	SDWA	9937
Minnesota	SDWA, CWA, RCRA	036-999-337
New Hampshire	NELAP SDWA, CWA	233701
New Jersey	SDWA, CWA, RCRA, CLP	NY455
New York	NELAP, AIR, SDWA, CWA, RCRA	10026
North Carolina	CWA	411
North Dakota	SDWA, CWA, RCRA	R-176
Oklahoma	CWA, RCRA	9421
Pennsylvania	Env. Lab Reg.	68-281
South Carolina	RCRA	91013
Tennessee	SDWA	2970
USDA	FOREIGN SOIL PERMIT	S-4650
Virginia	SDWA	278
Washington	CWA, RCRA	C254
West Virginia	CWA	252
Wisconsin	CWA, RCRA	998310390
Wyoming UST	UST	NA

SAMPLE SUMMARY

LAB SAMPLE ID	CLIENT SAMPLE ID	SAMPLED DATE	SAMPLED TIME	RECEIVED DATE	RECEIVED TIME
A3C32204	FB	12/16/2003	17:45	12/18/2003	10:45
A3C32201	MW101D	12/16/2003	13:15	12/18/2003	10:45
A3C32202	MW101S	12/16/2003	15:36	12/18/2003	10:45
A3C32203	MW102S	12/16/2003	17:30	12/18/2003	10:45
A3C32205	Trip Blank	12/16/2003	12:00	12/18/2003	10:45

METHODS SUMMARY

Job#: A03-C322

STL Project#: NY5A5821.1
Site Name: Delaware

PARAMETER	ANALYTICAL METHOD
METHOD 8260-Quarterly/Annual PADER Volatiles-FULL	SW8463 8260
Arsenic - Soluble	SW8463 6010
Arsenic - Total	SW8463 6010
Barium - Soluble	SW8463 6010
Barium - Total	SW8463 6010
Cadmium - Soluble	SW8463 6010
Cadmium - Total	SW8463 6010
Calcium - Soluble	SW8463 6010
Calcium - Total	SW8463 6010
Chromium - Soluble	SW8463 6010
Chromium - Total	SW8463 6010
Copper - Soluble	SW8463 6010
Copper - Total	SW8463 6010
Iron - Soluble	SW8463 6010
Iron - Total	SW8463 6010
Lead - Soluble	SW8463 6010
Lead - Total	SW8463 6010
Magnesium - Soluble	SW8463 6010
Magnesium - Total	SW8463 6010
Manganese - Soluble	SW8463 6010
Manganese - Total	SW8463 6010
Mercury - Soluble	SW8463 7470
Mercury - Total	SW8463 7470
Potassium - Soluble	SW8463 6010
Potassium - Total	SW8463 6010
Selenium - Soluble	SW8463 6010
Selenium - Total	SW8463 6010
Silver - Soluble	SW8463 6010
Silver - Total	SW8463 6010
Sodium - Soluble	SW8463 6010
Sodium - Total	SW8463 6010
Zinc - Soluble	SW8463 6010
Zinc - Total	SW8463 6010
Ammonia	MCAWW 350.1
Bicarbonate Alkalinity	MCAWW 310.2
Chemical Oxygen Demand	MCAWW 410.4
Chloride	MCAWW 325.2
Fluoride	MCAWW 300.0
Nitrate	MCAWW 353.2
pH	SW8463 9040
Specific Conductance (25 C)	MCAWW 120.1
Sulfate	SW8463 9038
Total Alkalinity	MCAWW 310.2

PARAMETER	ANALYTICAL METHOD
Total Dissolved Solids	MCAWW 160.1
Total Organic Carbon	MCAWW 415.1
Total Recoverable Phenolics	SW8463 9066

References:

MCAWW "Methods for Chemical Analysis of Water and Wastes",EPA/600/4-79-020 (Mar 1983) with updates and supplements EPA/600/4-91-010 (Jun 1991), EPA/600/R-92-129 (Aug 1992) and EPA/600/R-93-100 (Aug 1993)

SW8463 "Test Methods for Evaluating Solid Waste Physical/Chemical Methods (SW846), Third Edition, 9/86; Update I, 7/92; Update IIA, 8/93; Update II, 9/94; Update IIB, 1/95; Update III, 12/96.

NON-CONFORMANCE SUMMARY

Job#: A03-C322

STL Project#: NY5A5821.1
Site Name: Delaware

General Comments

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

Soil, sediment and sludge sample results are reported on "dry weight" basis unless otherwise noted in this data package.

According to 40CFR Part 136.3, pH, Chlorine Residual and Dissolved Oxygen analyses are to be performed immediately after aqueous sample collection. When these parameters are not indicated as field (e.g. pH-Field), they were not analyzed immediately, but as soon as possible after laboratory receipt.

Sample dilutions were performed as indicated on the attached Dilution Log. The rationale for dilution is specified by the 3-digit code and definition.

Sample Receipt Comments

A03-C322
Sample Cooler(s) were received at the following temperature(s); 2.0 °C
All samples were received in good condition.

GC/MS Volatile Data

No deviations from protocol were encountered during the analytical procedures.

Metals Data

No deviations from protocol were encountered during the analytical procedures.

Wet Chemistry Data

No deviations from protocol were encountered during the analytical procedures.

****

The results presented in this report relate only to the analytical testing and condition of the sample at receipt. This report pertains to only those samples actually tested. All pages of this report are integral parts of the analytical data. Therefore, this report should be reproduced only in its entirety.

Dilution Log w/Code Information
For Job A03-C322

7\60

Client Sample ID	Lab Sample ID	Parameter (Inorganic)/Method (Organic)	Dilution	Code
MW101S	A3C32202	Sulfate	5.00	008

Dilution Code Definition:

002 - sample matrix effects
003 - excessive foaming
004 - high levels of non-target compounds
005 - sample matrix resulted in method non-compliance for an Internal Standard
006 - sample matrix resulted in method non-compliance for Surrogate
007 - nature of the TCLP matrix
008 - high concentration of target analyte(s)
009 - sample turbidity
010 - sample color
011 - insufficient volume for lower dilution
012 - sample viscosity
013 - other

DATA COMMENT PAGE

ORGANIC DATA QUALIFIERS

ND or U Indicates compound was analyzed for, but not detected at or above the reporting limit.

J Indicates an estimated value. This flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed, or when the data indicates the presence of a compound that meets the identification criteria but the result is less than the sample quantitation limit but greater than zero.

C This flag applies to pesticide results where the identification has been confirmed by GC/MS.

B This flag is used when the analyte is found in the associated blank, as well as in the sample.

E This flag identifies compounds whose concentrations exceed the calibration range of the instrument for that specific analysis.

D This flag identifies all compounds identified in an analysis at the secondary dilution factor.

N Indicates presumptive evidence of a compound. This flag is used only for tentatively identified compounds, where the identification is based on the Mass Spectral library search. It is applied to all TIC results.

P This flag is used for a pesticide/Aroclor target analyte when there is greater than 25% difference for detected concentrations between the two GC columns. The lower of the two values is reported on the data page and flagged with a "P".

A This flag indicates that a TIC is a suspected aldol-condensation product.

1 Indicates coelution.

* Indicates analysis is not within the quality control limits.

INORGANIC DATA QUALIFIERS

ND or U Indicates element was analyzed for, but not detected at or above the reporting limit.

J or B Indicates a value greater than or equal to the instrument detection limit, but less than the quantitation limit.

N Indicates spike sample recovery is not within the quality control limits.

K Indicates the post digestion spike recovery is not within the quality control limits.

S Indicates value determined by the Method of Standard Addition.

M Indicates duplicate injection results exceeded quality control limits.

W Post digestion spike for Furnace AA analysis is out of quality 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 interferences.

H Indicates analytical holding time exceedance. The value obtained should be considered an estimate.

* Indicates analysis is not within the quality control limits.

+ Indicates the correlation coefficient for the Method of Standard Addition is less than 0.995.

Sample Data Package

Date: 03/15/2004
Time: 10:51:14

DRPI Industrial Waste Landfill
ANNUAL GW - PADER FORM 19
METHOD 8260-QUARTERLY/ANNUAL PADER VOLATILES-FULL

Rept: AN1246

Client ID		FB		MW101D		MW101S		MW102S	
Job No / Lab ID		A03-C322	A3C32204	A03-C322	A3C32201	A03-C322	A3C32202	A03-C322	A3C32203
Sample Date		12/16/2003		12/16/2003		12/16/2003		12/16/2003	
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Benzene	UG/L	ND	5.0	ND	5.0	ND	5.0	ND	5.0
1,2-Dibromoethane (EDB)	UG/L	ND	10	ND	10	ND	10	ND	10
1,1-Dichloroethane	UG/L	ND	5.0	ND	5.0	ND	5.0	ND	5.0
1,1-Dichloroethene	UG/L	ND	5.0	ND	5.0	ND	5.0	ND	5.0
1,2-Dichloroethane	UG/L	ND	5.0	ND	5.0	ND	5.0	ND	5.0
cis-1,2-Dichloroethene	UG/L	ND	10	ND	10	ND	10	ND	10
trans-1,2-Dichloroethene	UG/L	ND	10	ND	10	ND	10	ND	10
Ethylbenzene	UG/L	ND	5.0	ND	5.0	ND	5.0	ND	5.0
Methylene chloride	UG/L	ND	5.0	ND	5.0	ND	5.0	ND	5.0
Tetrachloroethene	UG/L	ND	5.0	ND	5.0	ND	5.0	ND	5.0
Toluene	UG/L	ND	5.0	ND	5.0	ND	5.0	ND	5.0
1,1,1-Trichloroethane	UG/L	ND	5.0	ND	5.0	ND	5.0	ND	5.0
Trichloroethene	UG/L	ND	5.0	ND	5.0	ND	5.0	ND	5.0
Vinyl chloride	UG/L	ND	2.0	ND	2.0	ND	2.0	ND	2.0
Total Xylenes	UG/L	ND	10	ND	10	ND	10	ND	10
Bromoform	UG/L	ND	5.0	ND	5.0	ND	5.0	ND	5.0
Bromomethane	UG/L	ND	10	ND	10	ND	10	ND	10
Carbon Tetrachloride	UG/L	ND	5.0	ND	5.0	ND	5.0	ND	5.0
Chlorobenzene	UG/L	ND	5.0	ND	5.0	ND	5.0	ND	5.0
Chloroethane	UG/L	ND	10	ND	10	ND	10	ND	10
Dibromochloromethane	UG/L	ND	5.0	ND	5.0	ND	5.0	ND	5.0
Chloromethane	UG/L	ND	10	ND	10	ND	10	ND	10
3-Chloropropene	UG/L	ND	10	ND	10	ND	10	ND	10
1,2-Dichlorobenzene	UG/L	ND	10	ND	10	ND	10	ND	10
1,3-Dichlorobenzene	UG/L	ND	10	ND	10	ND	10	ND	10
1,4-Dichlorobenzene	UG/L	ND	10	ND	10	ND	10	ND	10
Dichlorodifluoromethane	UG/L	ND	10	ND	10	ND	10	ND	10
1,2-Dichloropropane	UG/L	ND	5.0	ND	5.0	ND	5.0	ND	5.0
cis-1,3-Dichloropropene	UG/L	ND	5.0	ND	5.0	ND	5.0	ND	5.0
trans-1,3-Dichloropropene	UG/L	ND	5.0	ND	5.0	ND	5.0	ND	5.0
Methyl Ethyl Ketone	UG/L	ND	10	ND	10	ND	10	ND	10
Methyl Isobutyl Ketone	UG/L	ND	10	ND	10	ND	10	ND	10
1,1,1,2-Tetrachloroethane	UG/L	ND	5.0	ND	5.0	ND	5.0	ND	5.0
1,1,2,2-Tetrachloroethane	UG/L	ND	5.0	ND	5.0	ND	5.0	ND	5.0
1,1,2-Trichloroethane	UG/L	ND	5.0	ND	5.0	ND	5.0	ND	5.0
Trichlorofluoromethane	UG/L	ND	10	ND	10	ND	10	ND	10
1,2,3-Trichloropropane	UG/L	ND	10	ND	10	ND	10	ND	10
Acetone	UG/L	ND	5.0	ND	5.0	ND	5.0	ND	5.0
Acrylonitrile	UG/L	ND	20	ND	20	ND	20	ND	20
Bromochloromethane	UG/L	ND	1.0	ND	1.0	ND	1.0	ND	1.0
Dichlorobromomethane	UG/L	ND	1.0	ND	1.0	ND	1.0	ND	1.0
Carbon Disulfide	UG/L	ND	1.0	ND	1.0	ND	1.0	ND	1.0
Chloroform	UG/L	ND	1.0	ND	1.0	ND	1.0	ND	1.0

NA = Not Appl[illegible]ble ND = Not Detected

STL Buffal[illegible]

Date: 03/ 004
Time: 10: 4

DRPI Indus (Waste Landfill
ANNUAL (PADER FORM 19
METHOD 8260-QUARTERLY/ANNUAL PADER VOLATILES-FULL

Rept: AN1246

Client ID Job No Sample Date	Lab ID	FB A03-C322 12/16/2003	A3C32204	MW101D A03-C322 12/16/2003	A3C32201	MW101S A03-C322 12/16/2003	A3C32202	MW102S A03-C322 12/16/2003	A3C32203
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
1,2-Dibromo-3-Chloropropane DB	UG/L	ND	1.0	ND	1.0	ND	1.0	ND	1.0
trans-1,4-Dichloro-2-butene	UG/L	ND	5.0	ND	5.0	ND	5.0	ND	5.0
2-Hexanone	UG/L	ND	5.0	ND	5.0	ND	5.0	ND	5.0
Dibromomethane	UG/L	ND	1.0	ND	1.0	ND	1.0	ND	1.0
Iodomethane	UG/L	ND	1.0	ND	1.0	ND	1.0	ND	1.0
Styrene	UG/L	ND	1.0	ND	1.0	ND	1.0	ND	1.0
Vinyl acetate	UG/L	ND	5.0	ND	5.0	ND	5.0	ND	5.0
Methyl tert butyl ether	UG/L	ND	1.0	ND	1.0	ND	1.0	ND	1.0
==========IS/SURROGATE(S)==========									
Chlorobenzene-D5	%	96	50-200	96	50-200	102	50-200	94	50-200
1,4-Difluorobenzene	%	96	50-200	96	50-200	106	50-200	96	50-200
1,4-Dichlorobenzene-D4	%	88	50-200	91	50-200	97	50-200	89	50-200
Toluene-D8	%	95	76-116	93	76-116	80	76-116	91	76-116
p-Bromofluorobenzene	%	82	73-117	84	73-117	85	73-117	83	73-117
1,2-Dichloroethane-D4	%	99	72-143	98	72-143	102	72-143	100	72-143

NA = Not Applicable ND = Not Detected

STL Buffalo

11\60

Date: 03/15/2004
Time: 10:51:26

DRPI Industrial Waste Landfill
ANNUAL GW - PADER FORM 19
TOTAL METALS - (FE,MN)

Rept: AN1246

Client ID Job No Sample Date	Lab ID	FB A03-C322 12/16/2003	A3C32204	MW101D A03-C322 12/16/2003	A3C32201	MW101S A03-C322 12/16/2003	A3C32202	MW102S A03-C322 12/16/2003	A3C32203
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Iron, Total	UG/L	ND	100	104	100	8300	100	155	100
Manganese, Total	UG/L	ND	15.0	32.5	15.0	104	15.0	77.2	15.0

NA = Not Appl ble ND = Not Detected

STL Buffal

12\60

Date: 03/ 04
Time: 10:5

DRPI Indus. Waste Landfill
ANNUAL G ADER FORM 19
TOTAL METALS

Rept: AN1246

Client ID		FB		MW101D		MW101S		MW102S	
Job No	Lab ID	A03-C322	A3C32204	A03-C322	A3C32201	A03-C322	A3C32202	A03-C322	A3C32203
Sample Date		12/16/2003		12/16/2003		12/16/2003		12/16/2003	
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Arsenic, Total	UG/L	ND	10	ND	10	ND	10	ND	10
Barium, Total	UG/L	ND	200	ND	200	ND	200	ND	200
Cadmium, Total	UG/L	ND	5.0	ND	5.0	ND	5.0	ND	5.0
Calcium, Total	UG/L	ND	5000	ND	5000	13600	5000	22400	5000
Chromium, Total	UG/L	ND	10	ND	10	ND	10	ND	10
Copper, Total	UG/L	ND	25.0	ND	25.0	ND	25.0	ND	25.0
Lead, Total	UG/L	ND	5.0	ND	5.0	ND	5.0	ND	5.0
Magnesium, Total	UG/L	ND	5000	ND	5000	ND	5000	6460	5000
Mercury, Total	UG/L	ND	0.20	ND	0.20	ND	0.20	ND	0.20
Potassium, Total	UG/L	ND	5000	ND	5000	ND	5000	ND	5000
Selenium, Total	UG/L	ND	10	ND	10	ND	10	ND	10
Silver, Total	UG/L	ND	25.0	ND	25.0	ND	25.0	ND	25.0
Zinc, Total	UG/L	ND	20.0	ND	20.0	ND	20.0	ND	20.0

NA = Not Applicable ND = Not Detected

STL Buffalo

Date: 03/15/2004
Time: 10:51:26

DRPI Industrial Waste Landfill
ANNUAL GW - PADER FORM 19
SOLUBLE METALS

Rept: AN1246

Client ID		FB		MW101D		MW101S		MW102S	
Job No	Lab ID	A03-C322	A3C32204	A03-C322	A3C32201	A03-C322	A3C32202	A03-C322	A3C32203
Sample Date		12/16/2003		12/16/2003		12/16/2003		12/16/2003	
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Arsenic, Dissolved	UG/L	ND	10	ND	10	ND	10	ND	10
Magnesium, Dissolved	UG/L	ND	5000	ND	5000	ND	5000	6700	5000

NA = Not Appl ble ND = Not Detected

STL Buffal

Date: 03/ 004
Time: 10:: 5

DRPI Indus ' Waste Landfill
ANNUAL G PADER FORM 19
SOLUBLE METALS

Rept: AN1246

Client ID Job No Sample Date	Lab ID	FB A03-C322 12/16/2003	A3C32204	MW101D A03-C322 12/16/2003	A3C32201	MW101S A03-C322 12/16/2003	A3C32202	MW102S A03-C322 12/16/2003	A3C32203
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Calcium, Dissolved	UG/L	ND	5000	ND	5000	13800	5000	22600	5000
Iron, Dissolved	UG/L	ND	100	ND	100	8190	100	ND	100
Manganese, Dissolved	UG/L	ND	15.0	33.0	15.0	105	15.0	75.6	15.0
Sodium, Dissolved	UG/L	ND	5000	8240	5000	5810	5000	40600	5000

NA = Not Applicable ND = Not Detected

STL Buffalo

Date: 03/15/2004
Time: 10:51:26

DRPI Industrial Waste Landfill
ANNUAL GW - PADER FORM 19
TOTAL METALS - FORM 19 (NA)

Rept: AN1246

Client ID Job No Sample Date	Lab ID	FB A03-C322 12/16/2003	A3C32204	MW101D A03-C322 12/16/2003	A3C32201	MW101S A03-C322 12/16/2003	A3C32202	MW102S A03-C322 12/16/2003	A3C32203
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Sodium, Total	MG/L	ND	5.0	8.8	5.0	5.6	5.0	41.3	5.0

NA = Not Applicable ND = Not Detected

STL Buffalo

Date: 03 2004
Time: 10: 5

DRPI Indu l Waste Landfill
ANNUAL PADER FORM 19
PADER FORM DISSOLVED ADD'L METALS (+ POTASSIUM)

Rept: AN1246

Client ID		FB		MW101D		MW101S		MW102S	
Job No	Lab ID	A03-C322	A3C32204	A03-C322	A3C32201	A03-C322	A3C32202	A03-C322	A3C32203
Sample Date		12/16/2003		12/16/2003		12/16/2003		12/16/2003	
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Barium, Dissolved	MG/L	0.0037	0.0020	0.023	0.0020	0.031	0.0020	0.040	0.0020
Cadmium, Dissolved	MG/L	ND	0.0010	ND	0.0010	ND	0.0010	ND	0.0010
Chromium, Dissolved	MG/L	ND	0.0020	0.0028	0.0020	ND	0.0020	ND	0.0020
Copper, Dissolved	MG/L	ND	0.0050	ND	0.0050	ND	0.0050	ND	0.0050
Lead, Dissolved	MG/L	ND	0.010	ND	0.010	ND	0.010	ND	0.010
Mercury, Dissolved	MG/L	ND	0.00017	ND	0.00017	ND	0.00017	ND	0.00017
Potassium, Dissolved	MG/L	ND	0.50	1.3	0.50	2.0	0.50	4.9	0.50
Selenium, Dissolved	MG/L	ND	0.010	ND	0.010	ND	0.010	ND	0.010
Silver, Dissolved	MG/L	ND	0.0030	ND	0.0030	ND	0.0030	ND	0.0030
Zinc, Dissolved	MG/L	ND	0.020	0.028	0.020	ND	0.020	ND	0.020

NA = Not Applicable ND = Not Detected

STL Buffalo

17\60

Date: 03/15/2004
Time: 10:51:30

DRPI Industrial Waste Landfill
ANNUAL GW - PADER FORM 19
WET CHEMISTRY ANALYSIS

Rept: AN1246

Client ID		FB		MW101D		MW101S		MW102S	
Job No	Lab ID	A03-C322	A3C32204	A03-C322	A3C32201	A03-C322	A3C32202	A03-C322	A3C32203
Sample Date		12/16/2003		12/16/2003		12/16/2003		12/16/2003	
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Ammonia (As N)	MG/L-N	ND	0.020	ND	0.020	ND	0.020	ND	0.020
Alkalinity, Bicarbonate (As Ca	MG/L	ND	10	ND	10	34.0	10	60.9	10
Chemical Oxygen Demand (COD)	MG/L	ND	10	ND	10	ND	10	ND	10
Chloride	MG/L	ND	0.50	5.7	0.50	4.4	0.50	46.1	0.50
Fluoride	MG/L	ND	0.050	ND	0.050	ND	0.050	0.080	0.050
Nitrate (As N)	MG/L-N	ND	0.050	2.4	0.050	ND	0.050	2.9	0.050
Electrical Conductance (25°C)	UMHOS/CM	1.5	1.0	84.0	1.0	1230	1.0	380	1.0
Sulfate	MG/L	ND	5.0	6.7	5.0	41.0	25.0	39.9	5.0
Alkalinity, Total (As CaCO3)	MG/L	ND	10	ND	10	34.0	10	60.9	10
Total Dissolved Solids (TDS)	MG/L	ND	5.0	64.0	5.0	76.0	5.0	222	5.0
Total Organic Carbon (TOC)	MG/L	ND	1.0	ND	1.0	ND	1.0	ND	1.0
Total Organic Carbon (TOC)	MG/L	ND	1.0	ND	1.0	ND	1.0	ND	1.0
Phenolics, Total	UG/L	ND	5.0	ND	5.0	ND	5.0	ND	5.0
pH (Lab Test)	S.U.	5.69	0.0500	6.34	0.0500	6.86	0.0500	6.84	0.0500

NA = Not Applicable ND = Not Detected

STL Buffalo

Chronology and QC Summary Package

Date: 03/15/2004
Time: 10:51:40

DRPI Industrial Waste Landfill
ANNUAL GW - PADER FORM 19
METHOD 8260-QUARTERLY/ANNUAL PADER VOLATILES-FULL

Rept: AN1246

Client ID Job No Sample Date	Lab ID	VBLK45 A03-C322	A3C32206	VBLK46 A03-C322	A3C32208				
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Benzene	UG/L	ND	5.0	ND	5.0	NA		NA	
1,2-Dibromoethane (EDB)	UG/L	ND	10	ND	10	NA		NA	
1,1-Dichloroethane	UG/L	ND	5.0	ND	5.0	NA		NA	
1,1-Dichloroethene	UG/L	ND	5.0	ND	5.0	NA		NA	
1,2-Dichloroethane	UG/L	ND	5.0	ND	5.0	NA		NA	
cis-1,2-Dichloroethene	UG/L	ND	10	ND	10	NA		NA	
trans-1,2-Dichloroethene	UG/L	ND	10	ND	10	NA		NA	
Ethylbenzene	UG/L	ND	5.0	ND	5.0	NA		NA	
Methylene chloride	UG/L	ND	5.0	ND	5.0	NA		NA	
Tetrachloroethene	UG/L	ND	5.0	ND	5.0	NA		NA	
Toluene	UG/L	ND	5.0	ND	5.0	NA		NA	
1,1,1-Trichloroethane	UG/L	ND	5.0	ND	5.0	NA		NA	
Trichloroethene	UG/L	ND	5.0	ND	5.0	NA		NA	
Vinyl chloride	UG/L	ND	2.0	ND	2.0	NA		NA	
Total Xylenes	UG/L	ND	10	ND	10	NA		NA	
Bromoform	UG/L	ND	5.0	ND	5.0	NA		NA	
Bromomethane	UG/L	ND	10	ND	10	NA		NA	
Carbon Tetrachloride	UG/L	ND	5.0	ND	5.0	NA		NA	
Chlorobenzene	UG/L	ND	5.0	ND	5.0	NA		NA	
Chloroethane	UG/L	ND	10	ND	10	NA		NA	
Dibromochloromethane	UG/L	ND	5.0	ND	5.0	NA		NA	
Chloromethane	UG/L	ND	10	ND	10	NA		NA	
3-Chloropropene	UG/L	ND	10	ND	10	NA		NA	
1,2-Dichlorobenzene	UG/L	ND	10	ND	10	NA		NA	
1,3-Dichlorobenzene	UG/L	ND	10	ND	10	NA		NA	
1,4-Dichlorobenzene	UG/L	ND	10	ND	10	NA		NA	
Dichlorodifluoromethane	UG/L	ND	10	ND	10	NA		NA	
1,2-Dichloropropane	UG/L	ND	5.0	ND	5.0	NA		NA	
cis-1,3-Dichloropropene	UG/L	ND	5.0	ND	5.0	NA		NA	
trans-1,3-Dichloropropene	UG/L	ND	5.0	ND	5.0	NA		NA	
Methyl Ethyl Ketone	UG/L	ND	10	ND	10	NA		NA	
Methyl Isobutyl Ketone	UG/L	ND	10	ND	10	NA		NA	
1,1,1,2-Tetrachloroethane	UG/L	ND	5.0	ND	5.0	NA		NA	
1,1,2,2-Tetrachloroethane	UG/L	ND	5.0	ND	5.0	NA		NA	
1,1,2-Trichloroethane	UG/L	ND	5.0	ND	5.0	NA		NA	
Trichlorofluoromethane	UG/L	ND	10	ND	10	NA		NA	
1,2,3-Trichloropropane	UG/L	ND	10	ND	10	NA		NA	
Acetone	UG/L	ND	5.0	ND	5.0	NA		NA	
Acrylonitrile	UG/L	ND	20	ND	20	NA		NA	
Bromochloromethane	UG/L	ND	1.0	ND	1.0	NA		NA	
Dichlorobromomethane	UG/L	ND	1.0	ND	1.0	NA		NA	
Carbon Disulfide	UG/L	ND	1.0	ND	1.0	NA		NA	
Chloroform	UG/L	ND	1.0	ND	1.0	NA		NA	

NA = Not Applicable ND = Not Detected

STL Buffal

Date: 03/ 004
Time: 10: 0

DRPI Indus t Waste Landfill
ANNUAL 6 PADER FORM 19
METHOD 8260-QUARTERLY/ANNUAL PADER VOLATILES-FULL

Rept: AN1246

Client ID Job No Lab ID Sample Date		VBLK45 A03-C322 A3C32206		VBLK46 A03-C322 A3C32208					
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
1,2-Dibromo-3-Chloropropane DB	UG/L	ND	1.0	ND	1.0	NA		NA	
trans-1,4-Dichloro-2-butene	UG/L	ND	5.0	ND	5.0	NA		NA	
2-Hexanone	UG/L	ND	5.0	ND	5.0	NA		NA	
Dibromomethane	UG/L	ND	1.0	ND	1.0	NA		NA	
Iodomethane	UG/L	ND	1.0	ND	1.0	NA		NA	
Styrene	UG/L	ND	1.0	ND	1.0	NA		NA	
Vinyl acetate	UG/L	ND	5.0	ND	5.0	NA		NA	
Methyl tert butyl ether	UG/L	ND	1.0	ND	1.0	NA		NA	
IS/SURROGATE(S)									
Chlorobenzene-D5	%	92	50-200	95	50-200	NA		NA	
1,4-Difluorobenzene	%	93	50-200	98	50-200	NA		NA	
1,4-Dichlorobenzene-D4	%	83	50-200	90	50-200	NA		NA	
Toluene-D8	%	98	76-116	97	76-116	NA		NA	
p-Bromofluorobenzene	%	80	73-117	84	73-117	NA		NA	
1,2-Dichloroethane-D4	%	96	72-143	104	72-143	NA		NA	

NA = Not Applicable ND = Not Detected

STL Buffalo

Date: 03/15/2004
Time: 10:51:40

DRPI Industrial Waste Landfill
ANNUAL GW - PADER FORM 19
METHOD 8260-QUARTERLY/ANNUAL PADER VOLATILES-FULL

Rept: AN1246

Client ID		Trip Blank							
Job No	Lab ID	A03-C322	A3C32205						
Sample Date		12/16/2003							
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Benzene	UG/L	ND	5.0	NA		NA		NA	
1,2-Dibromoethane (EDB)	UG/L	ND	10	NA		NA		NA	
1,1-Dichloroethane	UG/L	ND	5.0	NA		NA		NA	
1,1-Dichloroethene	UG/L	ND	5.0	NA		NA		NA	
1,2-Dichloroethane	UG/L	ND	5.0	NA		NA		NA	
cis-1,2-Dichloroethene	UG/L	ND	10	NA		NA		NA	
trans-1,2-Dichloroethene	UG/L	ND	10	NA		NA		NA	
Ethylbenzene	UG/L	ND	5.0	NA		NA		NA	
Methylene chloride	UG/L	ND	5.0	NA		NA		NA	
Tetrachloroethene	UG/L	ND	5.0	NA		NA		NA	
Toluene	UG/L	ND	5.0	NA		NA		NA	
1,1,1-Trichloroethane	UG/L	ND	5.0	NA		NA		NA	
Trichloroethene	UG/L	ND	5.0	NA		NA		NA	
Vinyl chloride	UG/L	ND	2.0	NA		NA		NA	
Total Xylenes	UG/L	ND	10	NA		NA		NA	
Bromoform	UG/L	ND	5.0	NA		NA		NA	
Bromomethane	UG/L	ND	10	NA		NA		NA	
Carbon Tetrachloride	UG/L	ND	5.0	NA		NA		NA	
Chlorobenzene	UG/L	ND	5.0	NA		NA		NA	
Chloroethane	UG/L	ND	10	NA		NA		NA	
Dibromochloromethane	UG/L	ND	5.0	NA		NA		NA	
Chloromethane	UG/L	ND	10	NA		NA		NA	
3-Chloropropene	UG/L	ND	10	NA		NA		NA	
1,2-Dichlorobenzene	UG/L	ND	10	NA		NA		NA	
1,3-Dichlorobenzene	UG/L	ND	10	NA		NA		NA	
1,4-Dichlorobenzene	UG/L	ND	10	NA		NA		NA	
Dichlorodifluoromethane	UG/L	ND	10	NA		NA		NA	
1,2-Dichloropropane	UG/L	ND	5.0	NA		NA		NA	
cis-1,3-Dichloropropene	UG/L	ND	5.0	NA		NA		NA	
trans-1,3-Dichloropropene	UG/L	ND	5.0	NA		NA		NA	
Methyl Ethyl Ketone	UG/L	ND	10	NA		NA		NA	
Methyl Isobutyl Ketone	UG/L	ND	10	NA		NA		NA	
1,1,1,2-Tetrachloroethane	UG/L	ND	5.0	NA		NA		NA	
1,1,2,2-Tetrachloroethane	UG/L	ND	5.0	NA		NA		NA	
1,1,2-Trichloroethane	UG/L	ND	5.0	NA		NA		NA	
Trichlorofluoromethane	UG/L	ND	10	NA		NA		NA	
1,2,3-Trichloropropane	UG/L	ND	10	NA		NA		NA	
Acetone	UG/L	ND	5.0	NA		NA		NA	
Acrylonitrile	UG/L	ND	20	NA		NA		NA	
Bromochloromethane	UG/L	ND	1.0	NA		NA		NA	
Dichlorobromomethane	UG/L	ND	1.0	NA		NA		NA	
Carbon Disulfide	UG/L	ND	1.0	NA		NA		NA	
Chloroform	UG/L	ND	1.0	NA		NA		NA	

NA = Not Applicable ND = Not Detected

STL Buffalo

22160

Date: 03/ 004
Time: 10: J

DRPI Indus (Waste Landfill
ANNUAL (PADER FORM 19
METHOD 8260-QUARTERLY/ANNUAL PADER VOLATILES-FULL

Rept: AN1246

Client ID		Trip Blank							
Job No	Lab ID	A03-C322	A3C32205						
Sample Date		12/16/2003							
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
1,2-Dibromo-3-Chloropropane DB	UG/L	ND	1.0	NA		NA		NA	
trans-1,4-Dichloro-2-butene	UG/L	ND	5.0	NA		NA		NA	
2-Hexanone	UG/L	ND	5.0	NA		NA		NA	
Dibromomethane	UG/L	ND	1.0	NA		NA		NA	
Iodomethane	UG/L	ND	1.0	NA		NA		NA	
Styrene	UG/L	ND	1.0	NA		NA		NA	
Vinyl acetate	UG/L	ND	5.0	NA		NA		NA	
Methyl tert butyl ether	UG/L	ND	1.0	NA		NA		NA	
==IS/SURROGATE(S)==									
Chlorobenzene-D5	%	93	50-200	NA		NA		NA	
1,4-Difluorobenzene	%	93	50-200	NA		NA		NA	
1,4-Dichlorobenzene-D4	%	82	50-200	NA		NA		NA	
Toluene-D8	%	94	76-116	NA		NA		NA	
p-Bromofluorobenzene	%	79	73-117	NA		NA		NA	
1,2-Dichloroethane-D4	%	100	72-143	NA		NA		NA	

23\60

NA = Not Applicable ND = Not Detected

STL Buffalo

Date: 03/15/2004
Time: 10:51:52

DRPI Industrial Waste Landfill
ANNUAL GW - PADER FORM 19
TOTAL METALS - (FE,MN)

Rept: AN1246

Client ID Job No Sample Date	Lab ID	Method Blank A03-C322	A3B1456802	Method Blank A03-C322	A3B1490602				
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Manganese, Total	UG/L	ND	15.0	NA		NA		NA	
Iron, Total	UG/L	NA		ND	100	NA		NA	

NA = Not Applicable ND = Not Detected

STL Buffalo

Date: 03/ 004
Time: 10:5 2

DRPI Indus Waste Landfill
ANNUAL G PADER FORM 19
TOTAL METALS

Rept: AN1246

Client ID Job No Sample Date	Lab ID	Method Blank A03-C322	A3B1455004	Method Blank A03-C322	A3B1456802	Method Blank A03-C322	A3B1490602		
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Mercury, Total	UG/L	ND	0.20	NA		NA		NA	
Arsenic, Total	UG/L	NA		ND	10	NA		NA	
Zinc, Total	UG/L	NA		NA		ND	20.0	NA	
Barium, Total	UG/L	NA		ND	200	NA		NA	
Cadmium, Total	UG/L	NA		ND	5.0	NA		NA	
Calcium, Total	UG/L	NA		ND	5000	NA		NA	
Chromium, Total	UG/L	NA		ND	10	NA		NA	
Copper, Total	UG/L	NA		ND	25.0	NA		NA	
Lead, Total	UG/L	NA		ND	5.0	NA		NA	
Magnesium, Total	UG/L	NA		ND	5000	NA		NA	
Potassium, Total	UG/L	NA		ND	5000	NA		NA	
Selenium, Total	UG/L	NA		ND	10	NA		NA	
Silver, Total	UG/L	NA		ND	25.0	NA		NA	

NA = Not Applicable ND = Not Detected

STL Buffalo

Date: 03/15/2004
Time: 10:51:52

DRPI Industrial Waste Landfill
ANNUAL GW - PADER FORM 19
SOLUBLE METALS

Rept: AN1246

Client ID Job No Sample Date	Lab ID	Method Blank A03-C322	A3B1458902						
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Calcium, Dissolved	UG/L	ND	5000	NA		NA		NA	
Iron, Dissolved	UG/L	ND	100	NA		NA		NA	
Manganese, Dissolved	UG/L	ND	15.0	NA		NA		NA	
Sodium, Dissolved	UG/L	ND	5000	NA		NA		NA	

NA = Not Applicable ND = Not Detected

STL Buffal

Date: 03/ 004
Time: 10:. 2

DRPI Indus l Waste Landfill
ANNUAL G PADER FORM 19
TOTAL METALS - FORM 19 (NA)

Rept: AN1246

Client ID Job No Sample Date	Lab ID	Method Blank A03-C322	A3B1456802						
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Sodium, Total	MG/L	ND	5.0	NA		NA		NA	

NA = Not Applicable ND = Not Detected

STL Buffalo

27\60

Date: 03/15/2004
Time: 10:51:52

DRPI Industrial Waste Landfill
ANNUAL GW - PADER FORM 19
PADER FORM DISSOLVED ADD'L METALS (+ POTASSIUM)

Rept: AN1246

Client ID Job No Sample Date	Lab ID	Method Blank A03-C322	A3B1455004	Method Blank A03-C322	A3B1458902				
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Mercury, Dissolved	MG/L	ND	0.00017	NA		NA		NA	
Barium, Dissolved	MG/L	NA		ND	0.0020	NA		NA	
Cadmium, Dissolved	MG/L	NA		ND	0.0010	NA		NA	
Chromium, Dissolved	MG/L	NA		ND	0.0020	NA		NA	
Copper, Dissolved	MG/L	NA		ND	0.0050	NA		NA	
Lead, Dissolved	MG/L	NA		ND	0.010	NA		NA	
Potassium, Dissolved	MG/L	NA		ND	0.50	NA		NA	
Selenium, Dissolved	MG/L	NA		ND	0.010	NA		NA	
Silver, Dissolved	MG/L	NA		ND	0.0030	NA		NA	
Zinc, Dissolved	MG/L	NA		ND	0.020	NA		NA	

NA = Not Applicable ND = Not Detected

STL Buffalo

28\60

Date: 03/ 004
Time: 10: 2

DRPI Indus l Waste Landfill
ANNUAL PADER FORM 19
SOLUBLE METALS

Rept: AN1246

Client ID Job No Sample Date	Lab ID	Method Blank A03-C322	A3B1458902						
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Arsenic, Dissolved	UG/L	ND	10	NA		NA		NA	
Magnesium, Dissolved	UG/L	ND	5000	NA		NA		NA	

NA = Not Applicable ND = Not Detected

STL Buffalo

29\60

Date: 03/15/2004
Time: 10:51:57

DRPI Industrial Waste Landfill
ANNUAL GW - PADER FORM 19
WET CHEMISTRY ANALYSIS

Rept: AN1246

Client ID / Job No / Sample Date	Lab ID	Method Blank A03-C322	A3B1456302	Method Blank A03-C322	A3B1465302	Method Blank A03-C322	A3B1469902	Method Blank A03-C322	A3B1485102
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Nitrate (As N)	MG/L-N	ND	0.050	NA		NA		NA	
Total Dissolved Solids (TDS)	MG/L	NA		ND	5.0	NA		NA	
Ammonia (As N)	MG/L-N	NA		NA		ND	0.020	NA	
Alkalinity, Bicarbonate (As Ca	MG/L	NA		NA		NA		ND	10
Alkalinity, Total (As CaCO3)	MG/L	NA		NA		NA		ND	10

Client ID / Job No / Sample Date	Lab ID	Method Blank A03-C322	A3B1488902	Method Blank A03-C322	A3B1490102	Method Blank A03-C322	A3B1496402	Method Blank A03-C322	A4B0430902
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Total Organic Carbon (TOC)	MG/L	ND	1.0	NA		NA		NA	
Chemical Oxygen Demand (COD)	MG/L	NA		ND	10	NA		NA	
Chloride	MG/L	NA		NA		ND	0.50	NA	
Fluoride	MG/L	NA		NA		NA		ND	0.050
Total Organic Carbon (TOC)	MG/L	ND	1.0	NA		NA		NA	

Client ID / Job No / Sample Date	Lab ID	Method Blank A03-C322	A4B0432402	Method Blank A03-C322	A4B0436102	Method Blank A03-C322	A4B0460802		
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Fluoride	MG/L	ND	0.050	NA		NA		NA	
Sulfate	MG/L	NA		ND	5.0	NA		NA	
Phenolics, Total	UG/L	NA		NA		ND	5.0	NA	

30\60

NA = Not Applicable ND = Not Detected

STL Buffalo

Client Sample ID: VBLK45 MSB45
Lab Sample ID: A3C32206 A3C32207

Analyte	Units of Measure	Concentration Blank Spike	Spike Amount	% Recovery Blank Spike	QC LIMITS
METHOD 8260-QUARTERLY/ANNUAL PADER VOLAT					
1,1-Dichloroethene	UG/L	10.7	10.0	107	65-138
Trichloroethene	UG/L	10.0	10.0	100	71-123
Benzene	UG/L	10.4	10.0	104	71-124
Toluene	UG/L	10.0	10.0	100	70-122
Chlorobenzene	UG/L	9.39	10.0	94	72-120

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

Client Sample ID: VBLK46 MSB46
Lab Sample ID: A3C32208 A3C32209

Analyte	Units of Measure	Concentration Blank Spike	Spike Amount	% Recovery Blank Spike	QC LIMITS
METHOD 8260-QUARTERLY/ANNUAL PADER VOLAT					
1,1-Dichloroethene	UG/L	9.95	10.0	100	65-138
Trichloroethene	UG/L	9.36	10.0	94	71-123
Benzene	UG/L	9.58	10.0	96	71-124
Toluene	UG/L	9.05	10.0	90	70-122
Chlorobenzene	UG/L	8.64	10.0	86	72-120

32\60

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

Date : 03, '004 10:52:13
Job No: A03 _2

DRPI INDUS\ _ WASTE LANDFILL
SAMPLE DATE 12/16/2003

Rept: AN0364

Client Sample ID: MW101D — MW101D — MW101D
Lab Sample ID: A3C32201 — A3C32201MS — A3C32201SD

Analyte	Units of Measure	Concentration Sample	Matrix Spike	Spike Duplicate	Spike Amount MS	MSD	% Recovery MS	MSD	Avg	% RPD	QC LIMITS RPD	REC.
PADER FORM DISSOLVED ADD'L METALS (+ POT												
6010 - DISSOLVED ZINC - RL= 0.020 MG/L	MG/L	0.0279	0.240	0.245	0.200	0.200	106	109	108	3	20.0	80-120
6010 SOLUBLE LEAD - RL= 0.01 MG/L	MG/L	0	0.206	0.212	0.200	0.200	103	106	105	3	20.0	80-120
SOLUBLE BARIUM - RL = 1.0 MG/L	MG/L	0.0229	0.226	0.232	0.200	0.200	102	104	103	2	20.0	80-120
SOLUBLE CADMIUM	MG/L	0	0.206	0.210	0.200	0.200	103	105	104	2	20.0	80-120
SOLUBLE CHROMIUM	MG/L	0.00280	0.203	0.208	0.200	0.200	100	103	102	3	20.0	80-120
SOLUBLE COPPER	MG/L	0.00120	0.200	0.206	0.200	0.200	100	103	102	3	20.0	80-120
SOLUBLE MERCURY	MG/L	0	0.00693	0.00673	0.00666	0.00666	104	101	103	3	20.0	80-120
SOLUBLE POTASSIUM	MG/L	1.33	11.71	11.96	10.0	10.0	104	106	105	2	20.0	80-120
SOLUBLE SELENIUM	MG/L	0	0.210	0.212	0.200	0.200	105	106	106	0.	20.0	80-120
SOLUBLE SILVER	MG/L	0.00090	0.0516	0.0520	0.0500	0.0500	101	102	102	1	20.0	80-120
TOTAL METALS												
TOTAL ARSENIC	UG/L	0.200	208.1	201.6	200.0	200.0	104	101	103	3	20.0	75-125
TOTAL BARIUM	UG/L	22.90	233.4	223.8	200.0	200.0	105	100	103	5	20.0	80-120
TOTAL CADMIUM	UG/L	0.100	204.8	197.6	200.0	200.0	102	99	101	3	20.0	80-120
TOTAL CALCIUM	UG/L	4752	15002	14603	10000	10000	102	98	100	4	20.0	80-120
TOTAL CHROMIUM	UG/L	6.80	213.1	206.1	200.0	200.0	103	100	102	3	20.0	80-120
TOTAL COPPER	UG/L	2.20	214.2	204.3	200.0	200.0	106	101	104	5	20.0	80-120
TOTAL LEAD	UG/L	0.400	207.3	201.4	200.0	200.0	103	100	102	3	20.0	80-120
TOTAL MAGNESIUM	UG/L	1208	11495	11189	10000	10000	103	100	102	3	20.0	80-120
TOTAL MERCURY	UG/L	0	6.95	6.81	6.66	6.66	104	102	103	2	20.0	80-120
TOTAL POTASSIUM	UG/L	1401	12466	11808	10000	10000	111	104	108	6	20.0	80-120
TOTAL SELENIUM	UG/L	0	209.1	200.6	200.0	200.0	104	100	102	4	20.0	80-120
TOTAL SILVER	UG/L	0	52.40	49.40	50.00	50.00	105	99	102	6	20.0	75-125
TOTAL ZINC	UG/L	11.60	222.1	222.3	200.0	200.0	105	105	105	0	20.0	80-120

33\60

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

STL Buffalo

Client Sample ID: Method Blank LCS
Lab Sample ID: A3B1455004 A3B1455001

Analyte	Units of Measure	Concentration Blank Spike	Spike Amount	% Recovery Blank Spike	QC LIMITS
PADER FORM DISSOLVED ADD'L METALS (+ POT					
SOLUBLE MERCURY	MG/L	0.00685	0.00666	103	80-120
TOTAL METALS					
TOTAL MERCURY	UG/L	6.85	6.66	103	80-120

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

Client Sample ID: Method Blank LFB
Lab Sample ID: A3B1456802 A3B1456801

Analyte	Units of Measure	Concentration Blank Spike	Spike Amount	% Recovery Blank Spike	QC LIMITS
TOTAL METALS					
TOTAL ARSENIC	UG/L	203.5	200.0	102	80-120
TOTAL BARIUM	UG/L	202.9	200.0	101	80-120
TOTAL CADMIUM	UG/L	200.4	200.0	100	80-120
TOTAL CALCIUM	UG/L	9956	10000	99	80-120
TOTAL CHROMIUM	UG/L	199.6	200.0	100	80-120
TOTAL COPPER	UG/L	205.4	200.0	102	80-120
TOTAL LEAD	UG/L	201.5	200.0	100	80-120
TOTAL MAGNESIUM	UG/L	9928	10000	99	80-120
TOTAL POTASSIUM	UG/L	10382	10000	104	80-120
TOTAL SELENIUM	UG/L	200.8	200.0	100	80-120
TOTAL SILVER	UG/L	50.30	50.00	101	80-120
TOTAL METALS - (FE,MN)					
TOTAL MANGANESE	UG/L	206.7	200.0	103	80-120
TOTAL METALS - FORM 19 (NA)					
6010 - TOTAL SODIUM - RL= 5.0 MG/L	MG/L	9.99	10.0	100	80-120

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

Client Sample ID: Method Blank LFB
Lab Sample ID: A3B1458902 A3B1458901

Analyte	Units of Measure	Concentration Blank Spike	Spike Amount	% Recovery Blank Spike	QC LIMITS
PADER FORM DISSOLVED ADD'L METALS (+ POT					
6010 - DISSOLVED ZINC - RL= 0.020 MG/L	MG/L	0.211	0.200	106	80-120
6010 SOLUBLE LEAD - RL= 0.01 MG/L	MG/L	0.211	0.200	106	80-120
SOLUBLE BARIUM - RL = 1.0 MG/L	MG/L	0.205	0.200	103	80-120
SOLUBLE CADMIUM	MG/L	0.208	0.200	104	80-120
SOLUBLE CHROMIUM	MG/L	0.202	0.200	101	80-120
SOLUBLE COPPER	MG/L	0.203	0.200	101	80-120
SOLUBLE POTASSIUM	MG/L	10.52	10.0	105	80-120
SOLUBLE SELENIUM	MG/L	0.212	0.200	106	80-120
SOLUBLE SILVER	MG/L	0.0517	0.0500	103	80-120
SOLUBLE METALS					
SOLUBLE CALCIUM	UG/L	10391	10000	104	80-120
SOLUBLE IRON	UG/L	393.6	400.0	98	80-120
SOLUBLE MANGANESE	UG/L	207.1	200.0	104	80-120
SOLUBLE SODIUM	UG/L	10173	10000	100	80-120
SOLUBLE METALS ANALYSIS					
SOLUBLE ARSENIC	UG/L	206.3	200.0	103	80-120
SOLUBLE MAGNESIUM	UG/L	10324	10000	103	80-120

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

Client Sample ID: Method Blank LFB
Lab Sample ID: A3B1490602 A3B1490601

Analyte	Units of Measure	Concentration Blank Spike	Spike Amount	% Recovery Blank Spike	QC LIMITS
TOTAL METALS - (FE,MN)					
TOTAL IRON	UG/L	406.5	400.0	102	80-120

37\60

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

Client Sample ID: Method Blank LCS
Lab Sample ID: A3B1456302 A3B1456301

Analyte	Units of Measure	Concentration Blank Spike	Spike Amount	% Recovery Blank Spike	QC LIMITS
WET CHEMISTRY ANALYSIS METHOD 353.2 - NITRATE	MG/L-N	2.31	2.50	93	90-110

38\60

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

Client Sample ID: Method Blank LCS
Lab Sample ID: A3B1465302 A3B1465301

Analyte	Units of Measure	Concentration Blank Spike	Spike Amount	% Recovery Blank Spike	QC LIMITS
WET CHEMISTRY ANALYSIS METHOD 160.1 - TOTAL DISSOLVED SOLIDS	MG/L	493.0	500.0	99	85-115

39\60

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

Client Sample ID: Method Blank LCS
Lab Sample ID: A3B1469902 A3B1469901

Analyte	Units of Measure	Concentration Blank Spike	Spike Amount	% Recovery Blank Spike	QC LIMITS
WET CHEMISTRY ANALYSIS METHOD 350.1 - AMMONIA	MG/L-N	0.772	0.750	103	90-110

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

Client Sample ID: Method Blank LCS
Lab Sample ID: A3B1485102 A3B1485101

Analyte	Units of Measure	Concentration Blank Spike	Spike Amount	% Recovery Blank Spike	QC LIMITS
WET CHEMISTRY ANALYSIS					
METHOD 310.2 - TOTAL ALKALINITY	MG/L	373.9	375.0	97	90-110
METHOD 310.2- BICARBONATE ALKALINITY A	MG/L	373.9	375.0	97	90-110

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

Client Sample ID: Method Blank LCS
Lab Sample ID: A3B1488902 A3B1488901

Analyte	Units of Measure	Concentration Blank Spike	Spike Amount	% Recovery Blank Spike	QC LIMITS
WET CHEMISTRY ANALYSIS					
METHOD 415.1 - TOTAL ORGANIC CARBON	MG/L	54.40	50.00	109	90-110
METHOD 415.1 - TOTAL ORGANIC CARBON	MG/L	54.40	50.00	109	90-110

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

Client Sample ID: Method Blank LCS
Lab Sample ID: A3B1490102 A3B1490101

Analyte	Units of Measure	Concentration Blank Spike	Spike Amount	% Recovery Blank Spike	QC LIMITS
WET CHEMISTRY ANALYSIS					
410.4 CMEMICAL OXYGEN DEMAND, - 10 MG/	MG/L	71.70	75.00	96	90-110

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

Client Sample ID: Method Blank LCS
Lab Sample ID: A3B1496402 A3B1496401

Analyte	Units of Measure	Concentration Blank Spike	Spike Amount	% Recovery Blank Spike	QC LIMITS
WET CHEMISTRY ANALYSIS METHOD 325.2 - CHLORIDE	MG/L	27.01	25.00	107	90-110

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

Client Sample ID: Method Blank LCS
Lab Sample ID: A4B0430902 A4B0430901

Analyte	Units of Measure	Concentration Blank Spike	Spike Amount	% Recovery Blank Spike	QC LIMITS
WET CHEMISTRY ANALYSIS METHOD 300.0 - FLUORIDE	MG/L	0.980	1.00	98	90-110

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

Client Sample ID: Method Blank LCS
Lab Sample ID: A4B0432402 A4B0432401

Analyte	Units of Measure	Concentration Blank Spike	Spike Amount	% Recovery Blank Spike	QC LIMITS
WET CHEMISTRY ANALYSIS METHOD 300.0 - FLUORIDE	MG/L	0.970	1.00	97	90-110

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

Client Sample ID: Method Blank LCS
Lab Sample ID: A4B0436102 A4B0436101

Analyte	Units of Measure	Concentration Blank Spike	Spike Amount	% Recovery Blank Spike	QC LIMITS
WET CHEMISTRY ANALYSIS METHOD 9038 - SULFATE	MG/L	18.21	20.00	91	90-110

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

Client Sample ID: Method Blank LCS
Lab Sample ID: A4B0460802 A4B0460801

Analyte	Units of Measure	Concentration Blank Spike	Concentration Spike Amount	% Recovery Blank Spike	QC LIMITS
WET CHEMISTRY ANALYSIS METHOD 9066 - TOTAL RECOVERABLE PHENOL	UG/L	97.20	100.0	97	90-110

48\60

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

METHOD 8260-QUARTERLY/ANNUAL PADER VOLATILES-FULL

Client Sample ID Job No & Lab Sample ID	FB A03-C322 A3C32204	MW101D A03-C322 A3C32201	MW101S A03-C322 A3C32202	MW102S A03-C322 A3C32203	
Sample Date	12/16/2003 17:45	12/16/2003 13:15	12/16/2003 15:36	12/16/2003 17:30	
Received Date	12/18/2003 10:45	12/18/2003 10:45	12/18/2003 10:45	12/18/2003 10:45	
Extraction Date					
Analysis Date	12/24/2003 18:04	12/24/2003 16:38	12/26/2003 13:43	12/24/2003 17:36	
Extraction HT Met?	-	-	-	-	
Analytical HT Met?	YES	YES	YES	YES	
Sample Matrix	GW	GW	GW	GW	
Dilution Factor	1.0	1.0	1.0	1.0	
Sample wt/vol	0.025 LITERS	0.025 LITERS	0.025 LITERS	0.025 LITERS	
% Dry					

NA = Not Applicable

METHOD 8260-QUARTERLY/ANNUAL PADER VOLATILES-FULL

Client Sample ID Job No & Lab Sample ID	Trip Blank A03-C322 A3C32205				
Sample Date	12/16/2003 12:00				
Received Date	12/18/2003 10:45				
Extraction Date					
Analysis Date	12/24/2003 11:50				
Extraction HT Met?	-				
Analytical HT Met?	YES				
Sample Matrix	WATER				
Dilution Factor	1.0				
Sample wt/vol	0.025 LITERS				
% Dry					

NA = Not Applicable

METHOD 8260-QUARTERLY/ANNUAL PADER VOLATILES-FULL

Client Sample ID Job No & Lab Sample ID	VBLK45 A03-C322 A3C32206	VBLK46 A03-C322 A3C32208			
Sample Date					
Received Date					
Extraction Date					
Analysis Date	12/24/2003 11:21	12/26/2003 11:49			
Extraction HT Met?	-	-			
Analytical HT Met?	-	-			
Sample Matrix	WATER	WATER			
Dilution Factor	1.0	1.0			
Sample wt/vol	0.025 LITERS	0.025 LITERS			
% Dry					

NA = Not Applicable

DRPI INDUSTRIAL WASTE LANDFILL
ANNUAL GW - PADER FORM 19
SAMPLE CHRONOLOGY

Lab ID	Sample ID	Lab	Analyte	Method	DF	Sample wt/vol	g/L	Sample Date	Receive Date	TCLP Date	TH	Analysis Date	ANL INI	AH	Matrix
A3C32204	FB	RECNY	Iron, Total	6010	1.0	0.05	L	12/16/03 17:45	12/18 10:45	NA		12/30	BKL	Y	GW
		RECNY	Manganese, Total	6010	1.0	0.05	L	12/16/03 17:45	12/18 10:45	NA		12/23	BKL	Y	GW
		RECNY	Arsenic, Total	6010	1.0	0.05	L	12/16/03 17:45	12/18 10:45	NA		12/23	BKL	Y	GW
		RECNY	Barium, Total	6010	1.0	0.05	L	12/16/03 17:45	12/18 10:45	NA		12/23	BKL	Y	GW
		RECNY	Cadmium, Total	6010	1.0	0.05	L	12/16/03 17:45	12/18 10:45	NA		12/23	BKL	Y	GW
		RECNY	Chromium, Total	6010	1.0	0.05	L	12/16/03 17:45	12/18 10:45	NA		12/23	BKL	Y	GW
		RECNY	Copper, Total	6010	1.0	0.05	L	12/16/03 17:45	12/18 10:45	NA		12/23	BKL	Y	GW
		RECNY	Lead, Total	6010	1.0	0.05	L	12/16/03 17:45	12/18 10:45	NA		12/23	BKL	Y	GW
		RECNY	Magnesium, Total	6010	1.0	0.05	L	12/16/03 17:45	12/18 10:45	NA		12/23	BKL	Y	GW
		RECNY	Mercury, Total	7470	1.0	0.03	L	12/16/03 17:45	12/18 10:45	NA		12/19	JMB	Y	GW
		RECNY	Potassium, Total	6010	1.0	0.05	L	12/16/03 17:45	12/18 10:45	NA		12/23	BKL	Y	GW
		RECNY	Selenium, Total	6010	1.0	0.05	L	12/16/03 17:45	12/18 10:45	NA		12/23	BKL	Y	GW
		RECNY	Silver, Total	6010	1.0	0.05	L	12/16/03 17:45	12/18 10:45	NA		12/23	BKL	Y	GW
		RECNY	Zinc, Total	6010	1.0	0.05	L	12/16/03 17:45	12/18 10:45	NA		12/30	BKL	Y	GW
		RECNY	Calcium, Total	6010	1.0	0.05	L	12/16/03 17:45	12/18 10:45	NA		12/23	BKL	Y	GW
		RECNY	Arsenic, Dissolved	6010	1.0	0.05	L	12/16/03 17:45	12/18 10:45	NA		12/22	BKL	Y	GW
		RECNY	Magnesium, Dissolved	6010	1.0	0.05	L	12/16/03 17:45	12/18 10:45	NA		12/22	BKL	Y	GW
		RECNY	Calcium, Dissolved	6010	1.0	0.05	L	12/16/03 17:45	12/18 10:45	NA		12/22	BKL	Y	GW
		RECNY	Iron, Dissolved	6010	1.0	0.05	L	12/16/03 17:45	12/18 10:45	NA		12/22	BKL	Y	GW
		RECNY	Manganese, Dissolved	6010	1.0	0.05	L	12/16/03 17:45	12/18 10:45	NA		12/22	BKL	Y	GW
		RECNY	Sodium, Dissolved	6010	1.0	0.05	L	12/16/03 17:45	12/18 10:45	NA		12/22	BKL	Y	GW
		RECNY	Sodium, Total	6010	1.0	0.05	L	12/16/03 17:45	12/18 10:45	NA		12/23	BKL	Y	GW
		RECNY	Potassium, Dissolved	6010	1.0	0.05	L	12/16/03 17:45	12/18 10:45	NA		12/22	BKL	Y	GW
		RECNY	Barium, Dissolved	6010	1.0	0.05	L	12/16/03 17:45	12/18 10:45	NA		12/22	BKL	Y	GW
		RECNY	Cadmium, Dissolved	6010	1.0	0.05	L	12/16/03 17:45	12/18 10:45	NA		12/22	BKL	Y	GW
		RECNY	Chromium, Dissolved	6010	1.0	0.05	L	12/16/03 17:45	12/18 10:45	NA		12/22	BKL	Y	GW
		RECNY	Copper, Dissolved	6010	1.0	0.05	L	12/16/03 17:45	12/18 10:45	NA		12/22	BKL	Y	GW
		RECNY	Lead, Dissolved	6010	1.0	0.05	L	12/16/03 17:45	12/18 10:45	NA		12/22	BKL	Y	GW
		RECNY	Mercury, Dissolved	7470	1.0	0.03	L	12/16/03 17:45	12/18 10:45	NA		12/19	JMB	Y	GW
		RECNY	Selenium, Dissolved	6010	1.0	0.05	L	12/16/03 17:45	12/18 10:45	NA		12/22	BKL	Y	GW
		RECNY	Silver, Dissolved	6010	1.0	0.05	L	12/16/03 17:45	12/18 10:45	NA		12/22	BKL	Y	GW
		RECNY	Zinc, Dissolved	6010	1.0	0.05	L	12/16/03 17:45	12/18 10:45	NA		12/22	BKL	Y	GW
A3C32201	MW101D	RECNY	Iron, Total	6010	1.0	0.05	L	12/16/03 13:15	12/18 10:45	NA		12/30	BKL	Y	GW
		RECNY	Manganese, Total	6010	1.0	0.05	L	12/16/03 13:15	12/18 10:45	NA		12/23	BKL	Y	GW
		RECNY	Arsenic, Total	6010	1.0	0.05	L	12/16/03 13:15	12/18 10:45	NA		12/23	BKL	Y	GW
		RECNY	Barium, Total	6010	1.0	0.05	L	12/16/03 13:15	12/18 10:45	NA		12/23	BKL	Y	GW
		RECNY	Cadmium, Total	6010	1.0	0.05	L	12/16/03 13:15	12/18 10:45	NA		12/23	BKL	Y	GW
		RECNY	Chromium, Total	6010	1.0	0.05	L	12/16/03 13:15	12/18 10:45	NA		12/23	BKL	Y	GW
		RECNY	Copper, Total	6010	1.0	0.05	L	12/16/03 13:15	12/18 10:45	NA		12/23	BKL	Y	GW
		RECNY	Lead, Total	6010	1.0	0.05	L	12/16/03 13:15	12/18 10:45	NA		12/23	BKL	Y	GW
		RECNY	Magnesium, Total	6010	1.0	0.05	L	12/16/03 13:15	12/18 10:45	NA		12/23	BKL	Y	GW
		RECNY	Mercury, Total	7470	1.0	0.03	L	12/16/03 13:15	12/18 10:45	NA		12/19	JMB	Y	GW
		RECNY	Potassium, Total	6010	1.0	0.05	L	12/16/03 13:15	12/18 10:45	NA		12/23	BKL	Y	GW
		RECNY	Selenium, Total	6010	1.0	0.05	L	12/16/03 13:15	12/18 10:45	NA		12/23	BKL	Y	GW
		RECNY	Silver, Total	6010	1.0	0.05	L	12/16/03 13:15	12/18 10:45	NA		12/23	BKL	Y	GW
		RECNY	Zinc, Total	6010	1.0	0.05	L	12/16/03 13:15	12/18 10:45	NA		12/30	BKL	Y	GW
		RECNY	Calcium, Total	6010	1.0	0.05	L	12/16/03 13:15	12/18 10:45	NA		12/23	BKL	Y	GW
		RECNY	Arsenic, Dissolved	6010	1.0	0.05	L	12/16/03 13:15	12/18 10:45	NA		12/22	BKL	Y	GW

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AH = Analysis Holding Time Met
TH = TCLP Holding Time Met
NA = Not Appl[illegible]le

ANL INI = Analyst Initials
DF = Dilution Factor

STL Buffalo

Lab ID	Sample ID	Lab	Analyte	Method	DF	Sample wt/vol	g/L	Sample Date	Receive Date	TCLP Date	TH	Analysis Date	ANL INI	AH	Matri
A3C32201	MW101D	RECNY	Magnesium, Dissolved	6010	1.0	0.05	L	12/16/03 13:15	12/18 10:45	NA		12/22	BKL	Y	GW
		RECNY	Calcium, Dissolved	6010	1.0	0.05	L	12/16/03 13:15	12/18 10:45	NA		12/22	BKL	Y	GW
		RECNY	Iron, Dissolved	6010	1.0	0.05	L	12/16/03 13:15	12/18 10:45	NA		12/22	BKL	Y	GW
		RECNY	Manganese, Dissolved	6010	1.0	0.05	L	12/16/03 13:15	12/18 10:45	NA		12/22	BKL	Y	GW
		RECNY	Sodium, Dissolved	6010	1.0	0.05	L	12/16/03 13:15	12/18 10:45	NA		12/22	BKL	Y	GW
		RECNY	Sodium, Total	6010	1.0	0.05	L	12/16/03 13:15	12/18 10:45	NA		12/23	BKL	Y	GW
		RECNY	Potassium, Dissolved	6010	1.0	0.05	L	12/16/03 13:15	12/18 10:45	NA		12/22	BKL	Y	GW
		RECNY	Barium, Dissolved	6010	1.0	0.05	L	12/16/03 13:15	12/18 10:45	NA		12/22	BKL	Y	GW
		RECNY	Cadmium, Dissolved	6010	1.0	0.05	L	12/16/03 13:15	12/18 10:45	NA		12/22	BKL	Y	GW
		RECNY	Chromium, Dissolved	6010	1.0	0.05	L	12/16/03 13:15	12/18 10:45	NA		12/22	BKL	Y	GW
		RECNY	Copper, Dissolved	6010	1.0	0.05	L	12/16/03 13:15	12/18 10:45	NA		12/22	BKL	Y	GW
		RECNY	Lead, Dissolved	6010	1.0	0.05	L	12/16/03 13:15	12/18 10:45	NA		12/22	BKL	Y	GW
		RECNY	Mercury, Dissolved	7470	1.0	0.03	L	12/16/03 13:15	12/18 10:45	NA		12/19	JMB	Y	GW
		RECNY	Selenium, Dissolved	6010	1.0	0.05	L	12/16/03 13:15	12/18 10:45	NA		12/22	BKL	Y	GW
		RECNY	Silver, Dissolved	6010	1.0	0.05	L	12/16/03 13:15	12/18 10:45	NA		12/22	BKL	Y	GW
		RECNY	Zinc, Dissolved	6010	1.0	0.05	L	12/16/03 13:15	12/18 10:45	NA		12/22	BKL	Y	GW
A3C32202	MW101S	RECNY	Iron, Total	6010	1.0	0.05	L	12/16/03 15:36	12/18 10:45	NA		12/30	BKL	Y	GW
		RECNY	Manganese, Total	6010	1.0	0.05	L	12/16/03 15:36	12/18 10:45	NA		12/23	BKL	Y	GW
		RECNY	Arsenic, Total	6010	1.0	0.05	L	12/16/03 15:36	12/18 10:45	NA		12/23	BKL	Y	GW
		RECNY	Barium, Total	6010	1.0	0.05	L	12/16/03 15:36	12/18 10:45	NA		12/23	BKL	Y	GW
		RECNY	Cadmium, Total	6010	1.0	0.05	L	12/16/03 15:36	12/18 10:45	NA		12/23	BKL	Y	GW
		RECNY	Chromium, Total	6010	1.0	0.05	L	12/16/03 15:36	12/18 10:45	NA		12/23	BKL	Y	GW
		RECNY	Copper, Total	6010	1.0	0.05	L	12/16/03 15:36	12/18 10:45	NA		12/23	BKL	Y	GW
		RECNY	Lead, Total	6010	1.0	0.05	L	12/16/03 15:36	12/18 10:45	NA		12/23	BKL	Y	GW
		RECNY	Magnesium, Total	6010	1.0	0.05	L	12/16/03 15:36	12/18 10:45	NA		12/23	BKL	Y	GW
		RECNY	Mercury, Total	7470	1.0	0.03	L	12/16/03 15:36	12/18 10:45	NA		12/19	JMB	Y	GW
		RECNY	Potassium, Total	6010	1.0	0.05	L	12/16/03 15:36	12/18 10:45	NA		12/23	BKL	Y	GW
		RECNY	Selenium, Total	6010	1.0	0.05	L	12/16/03 15:36	12/18 10:45	NA		12/23	BKL	Y	GW
		RECNY	Silver, Total	6010	1.0	0.05	L	12/16/03 15:36	12/18 10:45	NA		12/23	BKL	Y	GW
		RECNY	Zinc, Total	6010	1.0	0.05	L	12/16/03 15:36	12/18 10:45	NA		12/30	BKL	Y	GW
		RECNY	Calcium, Total	6010	1.0	0.05	L	12/16/03 15:36	12/18 10:45	NA		12/23	BKL	Y	GW
		RECNY	Arsenic, Dissolved	6010	1.0	0.05	L	12/16/03 15:36	12/18 10:45	NA		12/22	BKL	Y	GW
		RECNY	Magnesium, Dissolved	6010	1.0	0.05	L	12/16/03 15:36	12/18 10:45	NA		12/22	BKL	Y	GW
		RECNY	Calcium, Dissolved	6010	1.0	0.05	L	12/16/03 15:36	12/18 10:45	NA		12/22	BKL	Y	GW
		RECNY	Iron, Dissolved	6010	1.0	0.05	L	12/16/03 15:36	12/18 10:45	NA		12/22	BKL	Y	GW
		RECNY	Manganese, Dissolved	6010	1.0	0.05	L	12/16/03 15:36	12/18 10:45	NA		12/22	BKL	Y	GW
		RECNY	Sodium, Dissolved	6010	1.0	0.05	L	12/16/03 15:36	12/18 10:45	NA		12/22	BKL	Y	GW
		RECNY	Sodium, Total	6010	1.0	0.05	L	12/16/03 15:36	12/18 10:45	NA		12/23	BKL	Y	GW
		RECNY	Potassium, Dissolved	6010	1.0	0.05	L	12/16/03 15:36	12/18 10:45	NA		12/22	BKL	Y	GW
		RECNY	Barium, Dissolved	6010	1.0	0.05	L	12/16/03 15:36	12/18 10:45	NA		12/22	BKL	Y	GW
		RECNY	Cadmium, Dissolved	6010	1.0	0.05	L	12/16/03 15:36	12/18 10:45	NA		12/22	BKL	Y	GW
		RECNY	Chromium, Dissolved	6010	1.0	0.05	L	12/16/03 15:36	12/18 10:45	NA		12/22	BKL	Y	GW
		RECNY	Copper, Dissolved	6010	1.0	0.05	L	12/16/03 15:36	12/18 10:45	NA		12/22	BKL	Y	GW
		RECNY	Lead, Dissolved	6010	1.0	0.05	L	12/16/03 15:36	12/18 10:45	NA		12/22	BKL	Y	GW
		RECNY	Mercury, Dissolved	7470	1.0	0.03	L	12/16/03 15:36	12/18 10:45	NA		12/19	JMB	Y	GW
		RECNY	Selenium, Dissolved	6010	1.0	0.05	L	12/16/03 15:36	12/18 10:45	NA		12/22	BKL	Y	GW
		RECNY	Silver, Dissolved	6010	1.0	0.05	L	12/16/03 15:36	12/18 10:45	NA		12/22	BKL	Y	GW
		RECNY	Zinc, Dissolved	6010	1.0	0.05	L	12/16/03 15:36	12/18 10:45	NA		12/22	BKL	Y	GW

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DRPI INDUSTRIAL WASTE LANDFILL
ANNUAL GW - PADER FORM 19
SAMPLE CHRONOLOGY

Lab ID	Sample ID	Lab	Analyte	Method	DF	Sample wt/vol	g/L	Sample Date	Receive Date	TCLP Date	TH	Analysis Date	ANL INI	AH	Matrix
A3C32203	MW102S	RECNY	Iron, Total	6010	1.0	0.05	L	12/16/03 17:30	12/18 10:45	NA		12/30	BKL	Y	GW
		RECNY	Manganese, Total	6010	1.0	0.05	L	12/16/03 17:30	12/18 10:45	NA		12/23	BKL	Y	GW
		RECNY	Arsenic, Total	6010	1.0	0.05	L	12/16/03 17:30	12/18 10:45	NA		12/23	BKL	Y	GW
		RECNY	Barium, Total	6010	1.0	0.05	L	12/16/03 17:30	12/18 10:45	NA		12/23	BKL	Y	GW
		RECNY	Cadmium, Total	6010	1.0	0.05	L	12/16/03 17:30	12/18 10:45	NA		12/23	BKL	Y	GW
		RECNY	Chromium, Total	6010	1.0	0.05	L	12/16/03 17:30	12/18 10:45	NA		12/23	BKL	Y	GW
		RECNY	Copper, Total	6010	1.0	0.05	L	12/16/03 17:30	12/18 10:45	NA		12/23	BKL	Y	GW
		RECNY	Lead, Total	6010	1.0	0.05	L	12/16/03 17:30	12/18 10:45	NA		12/23	BKL	Y	GW
		RECNY	Magnesium, Total	6010	1.0	0.05	L	12/16/03 17:30	12/18 10:45	NA		12/23	BKL	Y	GW
		RECNY	Mercury, Total	7470	1.0	0.03	L	12/16/03 17:30	12/18 10:45	NA		12/19	JMB	Y	GW
		RECNY	Potassium, Total	6010	1.0	0.05	L	12/16/03 17:30	12/18 10:45	NA		12/23	BKL	Y	GW
		RECNY	Selenium, Total	6010	1.0	0.05	L	12/16/03 17:30	12/18 10:45	NA		12/23	BKL	Y	GW
		RECNY	Silver, Total	6010	1.0	0.05	L	12/16/03 17:30	12/18 10:45	NA		12/23	BKL	Y	GW
		RECNY	Zinc, Total	6010	1.0	0.05	L	12/16/03 17:30	12/18 10:45	NA		12/30	BKL	Y	GW
		RECNY	Calcium, Total	6010	1.0	0.05	L	12/16/03 17:30	12/18 10:45	NA		12/23	BKL	Y	GW
		RECNY	Arsenic, Dissolved	6010	1.0	0.05	L	12/16/03 17:30	12/18 10:45	NA		12/22	BKL	Y	GW
		RECNY	Magnesium, Dissolved	6010	1.0	0.05	L	12/16/03 17:30	12/18 10:45	NA		12/22	BKL	Y	GW
		RECNY	Calcium, Dissolved	6010	1.0	0.05	L	12/16/03 17:30	12/18 10:45	NA		12/22	BKL	Y	GW
		RECNY	Iron, Dissolved	6010	1.0	0.05	L	12/16/03 17:30	12/18 10:45	NA		12/22	BKL	Y	GW
		RECNY	Manganese, Dissolved	6010	1.0	0.05	L	12/16/03 17:30	12/18 10:45	NA		12/22	BKL	Y	GW
		RECNY	Sodium, Dissolved	6010	1.0	0.05	L	12/16/03 17:30	12/18 10:45	NA		12/22	BKL	Y	GW
		RECNY	Sodium, Total	6010	1.0	0.05	L	12/16/03 17:30	12/18 10:45	NA		12/23	BKL	Y	GW
		RECNY	Potassium, Dissolved	6010	1.0	0.05	L	12/16/03 17:30	12/18 10:45	NA		12/22	BKL	Y	GW
		RECNY	Barium, Dissolved	6010	1.0	0.05	L	12/16/03 17:30	12/18 10:45	NA		12/22	BKL	Y	GW
		RECNY	Cadmium, Dissolved	6010	1.0	0.05	L	12/16/03 17:30	12/18 10:45	NA		12/22	BKL	Y	GW
		RECNY	Chromium, Dissolved	6010	1.0	0.05	L	12/16/03 17:30	12/18 10:45	NA		12/22	BKL	Y	GW
		RECNY	Copper, Dissolved	6010	1.0	0.05	L	12/16/03 17:30	12/18 10:45	NA		12/22	BKL	Y	GW
		RECNY	Lead, Dissolved	6010	1.0	0.05	L	12/16/03 17:30	12/18 10:45	NA		12/22	BKL	Y	GW
		RECNY	Mercury, Dissolved	7470	1.0	0.03	L	12/16/03 17:30	12/18 10:45	NA		12/19	JMB	Y	GW
		RECNY	Selenium, Dissolved	6010	1.0	0.05	L	12/16/03 17:30	12/18 10:45	NA		12/22	BKL	Y	GW
		RECNY	Silver, Dissolved	6010	1.0	0.05	L	12/16/03 17:30	12/18 10:45	NA		12/22	BKL	Y	GW
		RECNY	Zinc, Dissolved	6010	1.0	0.05	L	12/16/03 17:30	12/18 10:45	NA		12/22	BKL	Y	GW

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AH = Analysis Holding Time Met
TH = TCLP Hol[illegible]g Time Met
NA = Not App[illegible]le

ANL INI = Analyst Initials
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Lab ID	Sample ID	Lab	Analyte	Method	DF	Sample wt/vol g/L	Sample Date	Receive Date	TCLP Date	TH	Analysis Date	ANL INI	AH	Matri
A3B1455004	Method Blank	RECNY	Mercury, Total	7470	1.0	0.03 L	-	-	NA		12/19	JMB	Y	WATER
		RECNY	Mercury, Dissolved	7470	1.0	0.03 L	-	-	NA		12/19	JMB	Y	WATER
A3B1456802	Method Blank	RECNY	Manganese, Total	6010	1.0	0.05 L	-	-	NA		12/23	BKL	Y	WATER
		RECNY	Arsenic, Total	6010	1.0	0.05 L	-	-	NA		12/23	BKL	Y	WATER
		RECNY	Barium, Total	6010	1.0	0.05 L	-	-	NA		12/23	BKL	Y	WATER
		RECNY	Cadmium, Total	6010	1.0	0.05 L	-	-	NA		12/23	BKL	Y	WATER
		RECNY	Chromium, Total	6010	1.0	0.05 L	-	-	NA		12/23	BKL	Y	WATER
		RECNY	Copper, Total	6010	1.0	0.05 L	-	-	NA		12/23	BKL	Y	WATER
		RECNY	Lead, Total	6010	1.0	0.05 L	-	-	NA		12/23	BKL	Y	WATER
		RECNY	Magnesium, Total	6010	1.0	0.05 L	-	-	NA		12/23	BKL	Y	WATER
		RECNY	Potassium, Total	6010	1.0	0.05 L	-	-	NA		12/23	BKL	Y	WATER
		RECNY	Selenium, Total	6010	1.0	0.05 L	-	-	NA		12/23	BKL	Y	WATER
		RECNY	Silver, Total	6010	1.0	0.05 L	-	-	NA		12/23	BKL	Y	WATER
		RECNY	Calcium, Total	6010	1.0	0.05 L	-	-	NA		12/23	BKL	Y	WATER
		RECNY	Sodium, Total	6010	1.0	0.05 L	-	-	NA		12/23	BKL	Y	WATER
A3B1458902	Method Blank	RECNY	Calcium, Dissolved	6010	1.0	0.05 L	-	-	NA		12/22	BKL	Y	WATER
		RECNY	Iron, Dissolved	6010	1.0	0.05 L	-	-	NA		12/22	BKL	Y	WATER
		RECNY	Manganese, Dissolved	6010	1.0	0.05 L	-	-	NA		12/22	BKL	Y	WATER
		RECNY	Sodium, Dissolved	6010	1.0	0.05 L	-	-	NA		12/22	BKL	Y	WATER
		RECNY	Potassium, Dissolved	6010	1.0	0.05 L	-	-	NA		12/22	BKL	Y	WATER
		RECNY	Barium, Dissolved	6010	1.0	0.05 L	-	-	NA		12/22	BKL	Y	WATER
		RECNY	Cadmium, Dissolved	6010	1.0	0.05 L	-	-	NA		12/22	BKL	Y	WATER
		RECNY	Chromium, Dissolved	6010	1.0	0.05 L	-	-	NA		12/22	BKL	Y	WATER
		RECNY	Copper, Dissolved	6010	1.0	0.05 L	-	-	NA		12/22	BKL	Y	WATER
		RECNY	Lead, Dissolved	6010	1.0	0.05 L	-	-	NA		12/22	BKL	Y	WATER
		RECNY	Selenium, Dissolved	6010	1.0	0.05 L	-	-	NA		12/22	BKL	Y	WATER
		RECNY	Silver, Dissolved	6010	1.0	0.05 L	-	-	NA		12/22	BKL	Y	WATER
		RECNY	Zinc, Dissolved	6010	1.0	0.05 L	-	-	NA		12/22	BKL	Y	WATER
		RECNY	Arsenic, Dissolved	6010	1.0	0.05 L	-	-	NA		12/22	BKL	Y	WATER
		RECNY	Magnesium, Dissolved	6010	1.0	0.05 L	-	-	NA		12/22	BKL	Y	WATER
A3B1490602	Method Blank	RECNY	Iron, Total	6010	1.0	0.05 L	-	-	NA		12/30	BKL	Y	WATER
		RECNY	Zinc, Total	6010	1.0	0.05 L	-	-	NA		12/30	BKL	Y	WATER

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DRPI INDUSTRIAL WASTE LANDFILL
ANNUAL GW - PADER FORM 19
SAMPLE CHRONOLOGY

Lab ID	Sample ID	Lab	Analyte	Method	DF	Sample wt/vol g/L	Sample Date	Receive Date	TCLP Date	TH	Analysis Date	ANL INI	AH	Matrix
A3C32204	FB	RECNY	Ammonia (As N)	350.1	1.0		12/16/03 17:45	12/18 10:45	NA		12/22	ERK	Y	GW
		RECNY	Chloride	325.2	1.0		12/16/03 17:45	12/18 10:45	NA		12/31	LRM	Y	GW
		RECNY	Nitrate (As N)	353.2	1.0		12/16/03 17:45	12/18 10:45	NA		12/18	ERK	Y	GW
		RECNY	pH (Lab Test)	9040	1.0		12/16/03 17:45	12/18 10:45	NA		12/19	LRM	Y	GW
		RECNY	Electrical Conductance (25°C) (Lab Test)	120.1	1.0		12/16/03 17:45	12/18 10:45	NA		12/30	BS	Y	GW
		RECNY	Phenolics, Total	9066	1.0		12/16/03 17:45	12/18 10:45	NA		01/12	LRM	Y	GW
		RECNY	Fluoride	300.0	1.0		12/16/03 17:45	12/18 10:45	NA		01/03	GH	Y	GW
		RECNY	Sulfate	9038	1.0		12/16/03 17:45	12/18 10:45	NA		01/05	SL	Y	GW
		RECNY	Total Dissolved Solids (TDS)	160.1	1.0		12/16/03 17:45	12/18 10:45	NA		12/20	SM	Y	GW
		RECNY	Total Organic Carbon (TOC)	415.1	1.0		12/16/03 17:45	12/18 10:45	NA		12/30	GH	Y	GW
		RECNY	Total Organic Carbon (TOC)	415.1	1.0		12/16/03 17:45	12/18 10:45	NA		12/30	GH	Y	GW
		RECNY	Chemical Oxygen Demand (COD)	410.4	1.0		12/16/03 17:45	12/18 10:45	NA		12/30	GH	Y	GW
		RECNY	Alkalinity, Total (As CaCO3)	310.2	1.0		12/16/03 17:45	12/18 10:45	NA		12/29	LRM	Y	GW
		RECNY	Alkalinity, Bicarbonate (As CaCO3)	310.2	1.0		12/16/03 17:45	12/18 10:45	NA		12/29	LRM	Y	GW
A3C32201	MW101D	RECNY	Ammonia (As N)	350.1	1.0		12/16/03 13:15	12/18 10:45	NA		12/22	ERK	Y	GW
		RECNY	Chloride	325.2	1.0		12/16/03 13:15	12/18 10:45	NA		12/31	LRM	Y	GW
		RECNY	Nitrate (As N)	353.2	1.0		12/16/03 13:15	12/18 10:45	NA		12/18	ERK	Y	GW
		RECNY	pH (Lab Test)	9040	1.0		12/16/03 13:15	12/18 10:45	NA		12/19	LRM	Y	GW
		RECNY	Electrical Conductance (25°C) (Lab Test)	120.1	1.0		12/16/03 13:15	12/18 10:45	NA		12/27	BS	Y	GW
		RECNY	Phenolics, Total	9066	1.0		12/16/03 13:15	12/18 10:45	NA		01/12	LRM	Y	GW
		RECNY	Fluoride	300.0	1.0		12/16/03 13:15	12/18 10:45	NA		01/02	GH	Y	GW
		RECNY	Sulfate	9038	1.0		12/16/03 13:15	12/18 10:45	NA		01/05	SL	Y	GW
		RECNY	Total Dissolved Solids (TDS)	160.1	1.0		12/16/03 13:15	12/18 10:45	NA		12/20	SM	Y	GW
		RECNY	Total Organic Carbon (TOC)	415.1	1.0		12/16/03 13:15	12/18 10:45	NA		12/30	GH	Y	GW
		RECNY	Total Organic Carbon (TOC)	415.1	1.0		12/16/03 13:15	12/18 10:45	NA		12/30	GH	Y	GW
		RECNY	Chemical Oxygen Demand (COD)	410.4	1.0		12/16/03 13:15	12/18 10:45	NA		12/30	GH	Y	GW
		RECNY	Alkalinity, Total (As CaCO3)	310.2	1.0		12/16/03 13:15	12/18 10:45	NA		12/29	LRM	Y	GW
		RECNY	Alkalinity, Bicarbonate (As CaCO3)	310.2	1.0		12/16/03 13:15	12/18 10:45	NA		12/29	LRM	Y	GW
A3C32202	MW101S	RECNY	Ammonia (As N)	350.1	1.0		12/16/03 15:36	12/18 10:45	NA		12/22	ERK	Y	GW
		RECNY	Chloride	325.2	1.0		12/16/03 15:36	12/18 10:45	NA		12/31	LRM	Y	GW
		RECNY	Nitrate (As N)	353.2	1.0		12/16/03 15:36	12/18 10:45	NA		12/18	ERK	Y	GW
		RECNY	pH (Lab Test)	9040	1.0		12/16/03 15:36	12/18 10:45	NA		12/19	LRM	Y	GW
		RECNY	Electrical Conductance (25°C) (Lab Test)	120.1	1.0		12/16/03 15:36	12/18 10:45	NA		12/27	BS	Y	GW
		RECNY	Phenolics, Total	9066	1.0		12/16/03 15:36	12/18 10:45	NA		01/12	LRM	Y	GW
		RECNY	Fluoride	300.0	1.0		12/16/03 15:36	12/18 10:45	NA		01/02	GH	Y	GW
		RECNY	Sulfate	9038	5.0		12/16/03 15:36	12/18 10:45	NA		01/05	SL	Y	GW
		RECNY	Total Dissolved Solids (TDS)	160.1	1.0		12/16/03 15:36	12/18 10:45	NA		12/20	SM	Y	GW
		RECNY	Total Organic Carbon (TOC)	415.1	1.0		12/16/03 15:36	12/18 10:45	NA		12/30	GH	Y	GW
		RECNY	Total Organic Carbon (TOC)	415.1	1.0		12/16/03 15:36	12/18 10:45	NA		12/30	GH	Y	GW
		RECNY	Chemical Oxygen Demand (COD)	410.4	1.0		12/16/03 15:36	12/18 10:45	NA		12/30	GH	Y	GW
		RECNY	Alkalinity, Total (As CaCO3)	310.2	1.0		12/16/03 15:36	12/18 10:45	NA		12/29	LRM	Y	GW
		RECNY	Alkalinity, Bicarbonate (As CaCO3)	310.2	1.0		12/16/03 15:36	12/18 10:45	NA		12/29	LRM	Y	GW
A3C32203	MW102S	RECNY	Ammonia (As N)	350.1	1.0		12/16/03 17:30	12/18 10:45	NA		12/22	ERK	Y	GW
		RECNY	Chloride	325.2	1.0		12/16/03 17:30	12/18 10:45	NA		12/31	LRM	Y	GW
		RECNY	Nitrate (As N)	353.2	1.0		12/16/03 17:30	12/18 10:45	NA		12/18	ERK	Y	GW
		RECNY	pH (Lab Test)	9040	1.0		12/16/03 17:30	12/18 10:45	NA		12/19	LRM	Y	GW
		RECNY	Electrical Conductance (25°C) (Lab Test)	120.1	1.0		12/16/03 17:30	12/18 10:45	NA		12/27	BS	Y	GW
		RECNY	Phenolics, Total	9066	1.0		12/16/03 17:30	12/18 10:45	NA		01/12	LRM	Y	GW

AH = Analysis Holding Time Met
TH = TCLP Ho[illegible]ng Time Met
NA = Not Ap[illegible]ble

ANL INI = Analyst Initials
DF = Dilution Factor

STL Buffalo

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DRPI IND IAL WASTE LANDFILL
ANNUAL GW - PADER FORM 19
SAMPLE CHRONOLOGY

Lab ID	Sample ID	Lab	Analyte	Method	DF	Sample wt/vol g/L	Sample Date	Receive Date	TCLP Date	TH	Analysis Date	ANL INI	AH	Matrix
A3C32203	MW102S	RECNY	Fluoride	300.0	1.0		12/16/03 17:30	12/18 10:45	NA		01/02	GH	Y	GW
		RECNY	Sulfate	9038	1.0		12/16/03 17:30	12/18 10:45	NA		01/05	SL	Y	GW
		RECNY	Total Dissolved Solids (TDS)	160.1	1.0		12/16/03 17:30	12/18 10:45	NA		12/20	SM	Y	GW
		RECNY	Total Organic Carbon (TOC)	415.1	1.0		12/16/03 17:30	12/18 10:45	NA		12/30	GH	Y	GW
		RECNY	Total Organic Carbon (TOC)	415.1	1.0		12/16/03 17:30	12/18 10:45	NA		12/30	GH	Y	GW
		RECNY	Chemical Oxygen Demand (COD)	410.4	1.0		12/16/03 17:30	12/18 10:45	NA		12/30	GH	Y	GW
		RECNY	Alkalinity, Total (As CaCO3)	310.2	1.0		12/16/03 17:30	12/18 10:45	NA		12/29	LRM	Y	GW
		RECNY	Alkalinity, Bicarbonate (As CaCO3)	310.2	1.0		12/16/03 17:30	12/18 10:45	NA		12/29	LRM	Y	GW

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AH = Analysis Holding Time Met
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DRPI INDUSTRIAL WASTE LANDFILL
ANNUAL GW - PADER FORM 19
QC CHRONOLOGY

Lab ID	Sample ID	Lab	Analyte	Method	DF	Sample wt/vol g/L	Sample Date	Receive Date	TCLP Date	TH	Analysis Date	ANL INI	AH	Matrix
A3B1456302	Method Blank	RECNY	Nitrate (As N)	353.2	1.0		-	-	NA		12/18	ERK	Y	WATER
A3B1465302	Method Blank	RECNY	Total Dissolved Solids (TDS)	160.1	1.0		-	-	NA		12/20	SM	Y	WATER
A3B1469902	Method Blank	RECNY	Ammonia (As N)	350.1	1.0		-	-	NA		12/22	ERK	Y	WATER
A3B1485102	Method Blank	RECNY	Alkalinity, Total (As CaCO3)	310.2	1.0		-	-	NA		12/29	LRM	Y	WATER
		RECNY	Alkalinity, Bicarbonate (As CaCO3)	310.2	1.0		-	-	NA		12/29	LRM	Y	WATER
A3B1488902	Method Blank	RECNY	Total Organic Carbon (TOC)	415.1	1.0		-	-	NA		12/30	GH	Y	WATER
		RECNY	Total Organic Carbon (TOC)	415.1	1.0		-	-	NA		12/30	GH	Y	WATER
A3B1496402	Method Blank	RECNY	Chloride	325.2	1.0		-	-	NA		12/31	LRM	Y	WATER
A4B0436102	Method Blank	RECNY	Sulfate	9038	1.0		-	-	NA		01/05	SL	Y	WATER
A4B0460802	Method Blank	RECNY	Phenolics, Total	9066	1.0		-	-	NA		01/12	LRM	Y	WATER
A3B1490102	Method Blank	RECNY	Chemical Oxygen Demand (COD)	410.4	1.0		-	-	NA		12/30	GH	Y	WATER
A4B0430902	Method Blank	RECNY	Fluoride	300.0	1.0		-	-	NA		01/02	GH	Y	WATER
A4B0432402	Method Blank	RECNY	Fluoride	300.0	1.0		-	-	NA		01/03	GH	Y	WATER

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