45799

JRM 3/4/11

PASCO COUNTY, FLORIDA

CITY	(352) 511-4274
LAND O' LAKES	(813) 996-7341
NEW PORT RICHEY	(727) 847-8145

UTILITIES SERVICES BRANCH
PUB. WKS./UTILITIES BLDG. S-213
7530 LITTLE ROAD
NEW PORT RICHEY, FL 34654

Dept. Of Environmental Protection
JAN 03 2011
Southwest District

CI GW
CI LEACHATE
CIII GW
CIII LEACHATE

28 Dec 2010

Mr. John Morris
Environmental Specialist III
Waste Management Section
Florida Department of
Environmental Protection
13051 N. Telecom Pkwy.
Temple Terrace, FL 33637

RE: West Pasco Class I Landfill
Groundwater Monitoring
Semester I, 2010

Dear Mr. Morris

Enclosed please find the analytical results for samples taken from the monitoring wells and leachate tanks at the West Pasco Class I and Class III landfills for the first semester (Jan-Jun) 2010 sampling period. The groundwater wells were analyzed for the parameters listed in 62-701(8)(a) Florida Administrative Code and the leachate samples were analyzed for the parameters listed in 62-701(8)(c) and (d).

Also included in this submittal are all associated Quality Assurance/Quality Control data, Chain of Custodies, field data logs, analyte exceedence table, and groundwater contour maps for this site.

If you have any questions please feel free to contact me.

Sincerely,

Candia E. Mulhern
Laboratory Manager

Enc.: 1

cc: MS 4565 Solid Waste Section, Florida DEP, 2600 Blair Stone Rd., Tallahassee, Fl 32399-2400
Aamode Sonawane, CDM, Westshore Center Suite 875, 1715 North Westshore BLvd., Tampa, Fl 33607
Robert J. Sigmond, Utilities Fiscal Services/Special Projects Director
John Power, Solid Waste Facility Manager

PASCO COUNTY, FLORIDA

ENVIRONMENTAL LABORATORY
8864 GOVERNMENT DRIVE
NEW PORT RICHEY, FL 34654
PHONE 727-847-8902

NELAC E44123
CONTACTS:
GLORIA KRUEGER
CHRIS CHILDRESS

REPORT OF ANALYSES

West Pasco Class III Landfill
Hays Road
Shady Hills, Fl
John Power

Date: 2/22/2010

SAMPLE NUMBER	AB42048	SAMPLE ID	TANK 1 @ WP CLASS III	SAMPLE MATRIX	LC
DATE SAMPLED	2/10/2010			TIME SAMPLED	13:20
DATE RECEIVED	2/10/2010	SAMPLER	WMM	RECEIVED BY	CF
TIME RECEIVED	15:45	DELIVERED BY	WMM	SAMPLE TYPE	PP

ANALYSIS	METHOD	DATE	TIME	BY	RESULT	QUAL.	UNIT	DET. LIMIT
Color by Observation	Observation	2/10/2010	13:20	WM	CLOUDY		ObsColor	0
Conductivity Field	SM2510B	2/10/2010	13:20	WM	2980		umhos/cm	0
Dissolved Oxygen Field	SM 4500 O	2/10/2010	13:20	WM	0.05		mg/L	0
pH Field	SM4500HB	2/10/2010	13:20	WM	6.91		std units	0
Temperature Field	SM2550B	2/10/2010	13:20	WM	19.23		deg C	0
Iron,Total, ICP	EPA 200.7	2/11/2010	10:40	TER	0.002	U	mg/L	0.002
Mercury, Total, CVAA	SM 3112 B	2/12/2010	10:00	TER	0.0002	U	mg/L	).000:
Sodium	EPA 200.7	2/11/2010	10:40	TER	176	XC	mg/L	0.2
Ammonia	SM 4500-NH	2/12/2010	8:30	IF	64.0		mg/L	0.04
Nitrate	SM 4500-N	2/11/2010	8:00	IF	0.02	U	mg/L	0.02
Total Dissolved Solids	SM 2540 C	2/12/2010	16:45	SER	2050	XC	mg/L	15.3
Bicarbonate Alkalinity	SM2320B	2/17/2010	8:30	AS	1386		mgCaCO3/	2.04
Chloride	SM 4500-CL	2/15/2010	12:00	SER	208		mg/L	0.35

ANALYSIS COMMENTS:

LABORATORY DIRECTOR Cynthia E. Thilke

THIS DOCUMENT MEETS NELAC STANDARDS

NELAC Certification # E44123

Pace Analytical Services, Inc.
8 East Tower Circle
Ormond Beach, FL 32174
(386)672-5668

ANALYTICAL RESULTS

Project: West Pasco Class III LF
Pace Project No.: 357280

Sample: LEACHATE TANK #1 **Lab ID: 357280007** Collected: 02/10/10 13:20 Received: 02/12/10 14:00 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011								
1,2-Dibromo-3-chloropropane	**0.0050U**	ug/L	0.020	0.0050	1	02/18/10 15:00	02/20/10 00:52	96-12-8	
1,2-Dibromoethane (EDB)	**0.0063U**	ug/L	0.010	0.0063	1	02/18/10 15:00	02/20/10 00:52	106-93-4	
8081 GCS Pesticides	Analytical Method: EPA 8081 Preparation Method: EPA 3510								
Aldrin	**0.012U**	ug/L	0.24	0.012	25	02/17/10 17:32	03/17/10 03:44	309-00-2	
alpha-BHC	**0.0072U**	ug/L	0.24	0.0072	25	02/17/10 17:32	03/17/10 03:44	319-84-6	
beta-BHC	**0.012U**	ug/L	0.24	0.012	25	02/17/10 17:32	03/17/10 03:44	319-85-7	
delta-BHC	**0.0096U**	ug/L	0.24	0.0096	25	02/17/10 17:32	03/17/10 03:44	319-86-8	
gamma-BHC (Lindane)	**0.0048U**	ug/L	0.24	0.0048	25	02/17/10 17:32	03/17/10 03:44	58-89-9	
Chlordane (Technical)	**1.9U**	ug/L	12.0	1.9	25	02/17/10 17:32	03/17/10 03:44	57-74-9	
Chlorobenzilate	**0.51U**	ug/L	2.4	0.51	25	02/17/10 17:32	03/17/10 03:44	510-15-6	
4,4'-DDD	**0.046U**	ug/L	0.24	0.046	25	02/17/10 17:32	03/17/10 03:44	72-54-8	
4,4'-DDE	**0.022U**	ug/L	0.24	0.022	25	02/17/10 17:32	03/17/10 03:44	72-55-9	
4,4'-DDT	**0.086U**	ug/L	0.24	0.086	25	02/17/10 17:32	03/17/10 03:44	50-29-3	
Dieldrin	**0.012U**	ug/L	0.24	0.012	25	02/17/10 17:32	03/17/10 03:44	60-57-1	
Endosulfan I	**0.017U**	ug/L	0.24	0.017	25	02/17/10 17:32	03/17/10 03:44	959-98-8	
Endosulfan II	**0.017U**	ug/L	0.24	0.017	25	02/17/10 17:32	03/17/10 03:44	33213-65-9	
Endosulfan sulfate	**0.014U**	ug/L	0.24	0.014	25	02/17/10 17:32	03/17/10 03:44	1031-07-8	
Endrin	**0.041U**	ug/L	0.24	0.041	25	02/17/10 17:32	03/17/10 03:44	72-20-8	
Endrin aldehyde	**0.17U**	ug/L	0.24	0.17	25	02/17/10 17:32	03/17/10 03:44	7421-93-4	
Heptachlor	**0.036U**	ug/L	0.24	0.036	25	02/17/10 17:32	03/17/10 03:44	76-44-8	
Heptachlor epoxide	**0.0096U**	ug/L	0.24	0.0096	25	02/17/10 17:32	03/17/10 03:44	1024-57-3	
Methoxychlor	**0.17U**	ug/L	0.24	0.17	25	02/17/10 17:32	03/17/10 03:44	72-43-5	
Pentachloronitrobenzene	**0.36U**	ug/L	2.4	0.36	25	02/17/10 17:32	03/17/10 03:44	82-68-8	
Toxaphene	**6.8U**	ug/L	12.0	6.8	25	02/17/10 17:32	03/17/10 03:44	8001-35-2	
Tetrachloro-m-xylene (S)	70	%	66.5-120.3		25	02/17/10 17:32	03/17/10 03:44	877-09-8	2p,D3
Decachlorobiphenyl (S)	103	%	41.7-109.1		25	02/17/10 17:32	03/17/10 03:44	2051-24-3	
8082 GCS PCB	Analytical Method: EPA 8082 Preparation Method: EPA 3510								
PCB-1016 (Aroclor 1016)	**1.9U**	ug/L	12.0	1.9	25	02/17/10 17:33	03/17/10 03:44	12674-11-2	
PCB-1221 (Aroclor 1221)	**1.9U**	ug/L	12.0	1.9	25	02/17/10 17:33	03/17/10 03:44	11104-28-2	
PCB-1232 (Aroclor 1232)	**2.8U**	ug/L	12.0	2.8	25	02/17/10 17:33	03/17/10 03:44	11141-16-5	
PCB-1242 (Aroclor 1242)	**3.0U**	ug/L	12.0	3.0	25	02/17/10 17:33	03/17/10 03:44	53469-21-9	
PCB-1248 (Aroclor 1248)	**6.6U**	ug/L	12.0	6.6	25	02/17/10 17:33	03/17/10 03:44	12672-29-6	
PCB-1254 (Aroclor 1254)	**3.5U**	ug/L	12.0	3.5	25	02/17/10 17:33	03/17/10 03:44	11097-69-1	
PCB-1260 (Aroclor 1260)	**2.6U**	ug/L	12.0	2.6	25	02/17/10 17:33	03/17/10 03:44	11096-82-5	
Tetrachloro-m-xylene (S)	69	%	48-111		25	02/17/10 17:33	03/17/10 03:44	877-09-8	D3
Decachlorobiphenyl (S)	102	%	63-121		25	02/17/10 17:33	03/17/10 03:44	2051-24-3	
8141 GCS O/P Pesticides	Analytical Method: EPA 8141 Preparation Method: EPA 3510								
Dimethoate	**1.8U**	ug/L	4.8	1.8	10	02/17/10 19:37	03/02/10 11:12	60-51-5	
Disulfoton	**1.5U**	ug/L	4.8	1.5	10	02/17/10 19:37	03/02/10 11:12	298-04-4	
Famphur	**1.4U**	ug/L	4.8	1.4	10	02/17/10 19:37	03/02/10 11:12	52-85-7	
Methyl parathion	**1.9U**	ug/L	4.8	1.9	10	02/17/10 19:37	03/02/10 11:12	298-00-0	

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, Inc.
8 East Tower Circle
Ormond Beach, FL 32174
(386)672-5668

ANALYTICAL RESULTS

Project: West Pasco Class III LF
Pace Project No.: 357280

Sample: LEACHATE TANK #1 **Lab ID: 357280007** Collected: 02/10/10 13:20 Received: 02/12/10 14:00 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8141 GCS O/P Pesticides	Analytical Method: EPA 8141 Preparation Method: EPA 3510								
Parathion (Ethyl parathion)	**3.4U**	ug/L	9.6	3.4	10	02/17/10 19:37	03/02/10 11:12	56-38-2	
Phorate	**3.6U**	ug/L	9.6	3.6	10	02/17/10 19:37	03/02/10 11:12	298-02-2	
4-Chloro3nitrobenzotrifluoride	0	%	34.2-122		10	02/17/10 19:37	03/02/10 11:12		J(S2)
8151 Chlorinated Herbicides	Analytical Method: EPA 8151 Preparation Method: EPA 8151								
2,4-D	**2.1U**	ug/L	9.0	2.1	10	02/17/10 13:30	02/20/10 18:03	94-75-7	
Dinoseb	**0.55U**	ug/L	1.8	0.55	10	02/17/10 13:30	02/20/10 18:03	88-85-7	
Pentachlorophenol	**0.16U**	ug/L	0.27	0.16	10	02/17/10 13:30	02/20/10 18:03	87-86-5	
2,4,5-T	**0.40U**	ug/L	1.8	0.40	10	02/17/10 13:30	02/20/10 18:03	93-76-5	
2,4,5-TP (Silvex)	**0.47U**	ug/L	1.8	0.47	10	02/17/10 13:30	02/20/10 18:03	93-72-1	
2,4-DCPA (S)	0	%	65.5-125.7		10	02/17/10 13:30	02/20/10 18:03	19719-28-9	D3,S4
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**190**	ug/L	10.0	5.0	1	02/19/10 06:40	02/19/10 19:40	7440-38-2	
Barium	**232**	ug/L	10.0	5.0	1	02/19/10 06:40	02/19/10 19:40	7440-39-3	
Beryllium	**0.50U**	ug/L	1.0	0.50	1	02/19/10 06:40	02/19/10 19:40	7440-41-7	
Cadmium	**0.50U**	ug/L	1.0	0.50	1	02/19/10 06:40	02/19/10 19:40	7440-43-9	
Chromium	**63.9**	ug/L	5.0	2.5	1	02/19/10 06:40	02/19/10 19:40	7440-47-3	
Cobalt	**35.6**	ug/L	10.0	5.0	1	02/19/10 06:40	02/19/10 19:40	7440-48-4	
Copper	**2.5U**	ug/L	5.0	2.5	1	02/19/10 06:40	02/19/10 19:40	7440-50-8	
Lead	**5.0U**	ug/L	10.0	5.0	1	02/19/10 06:40	02/19/10 19:40	7439-92-1	
Nickel	**2.5U**	ug/L	5.0	2.5	1	02/19/10 06:40	02/19/10 19:40	7440-02-0	
Selenium	**7.5U**	ug/L	15.0	7.5	1	02/19/10 06:40	02/19/10 19:40	7782-49-2	
Silver	**2.5U**	ug/L	5.0	2.5	1	02/19/10 06:40	02/19/10 19:40	7440-22-4	
Tin	**25.0U**	ug/L	50.0	25.0	1	02/19/10 06:40	02/19/10 19:40	7440-31-5	
Vanadium	**5.0U**	ug/L	10.0	5.0	1	02/19/10 06:40	02/19/10 19:40	7440-62-2	
Zinc	**10.0U**	ug/L	20.0	10.0	1	02/19/10 06:40	02/19/10 19:40	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**0.90 I**	ug/L	1.0	0.50	1	02/19/10 06:40	02/22/10 17:50	7440-36-0	
Thallium	**0.50U**	ug/L	1.0	0.50	1	02/19/10 06:40	02/22/10 17:50	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	**0.10U**	ug/L	0.20	0.10	1	02/16/10 12:15	02/17/10 13:35	7439-97-6	
8270 MSSV SemiVOA App. II	Analytical Method: EPA 8270 Preparation Method: EPA 3510								
Acenaphthene	**8.2U**	ug/L	48.0	8.2	10	02/17/10 21:35	03/13/10 01:38	83-32-9	J(L2)
Acenaphthylene	**9.1U**	ug/L	48.0	9.1	10	02/17/10 21:35	03/13/10 01:38	208-96-8	J(L2)
Acetophenone	**13.9U**	ug/L	48.0	13.9	10	02/17/10 21:35	03/13/10 01:38	98-86-2	
2-Acetylaminofluorene	**6.2U**	ug/L	48.0	6.2	10	02/17/10 21:35	03/13/10 01:38	53-96-3	J(L2)
4-Aminobiphenyl	**27.1U**	ug/L	48.0	27.1	10	02/17/10 21:35	03/13/10 01:38	92-67-1	J(L2)
Anthracene	**5.8U**	ug/L	48.0	5.8	10	02/17/10 21:35	03/13/10 01:38	120-12-7	J(L2)
Benzo(a)anthracene	**6.0U**	ug/L	48.0	6.0	10	02/17/10 21:35	03/13/10 01:38	56-55-3	
Benzo(a)pyrene	**5.6U**	ug/L	9.6	5.6	10	02/17/10 21:35	03/13/10 01:38	50-32-8	J(L2)

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8 East Tower Circle
Ormond Beach, FL 32174
(386)672-5668

ANALYTICAL RESULTS

Project: West Pasco Class III LF
Pace Project No.: 357280

Sample: LEACHATE TANK #1 **Lab ID: 357280007** Collected: 02/10/10 13:20 Received: 02/12/10 14:00 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV SemiVOA App. II	Analytical Method: EPA 8270 Preparation Method: EPA 3510								
Benzo(b)fluoranthene	**5.9U**	ug/L	19.2	5.9	10	02/17/10 21:35	03/13/10 01:38	205-99-2	J(L2)
Benzo(g,h,i)perylene	**6.5U**	ug/L	48.0	6.5	10	02/17/10 21:35	03/13/10 01:38	191-24-2	J(L2)
Benzo(k)fluoranthene	**4.9U**	ug/L	38.4	4.9	10	02/17/10 21:35	03/13/10 01:38	207-08-9	J(L2)
Benzyl alcohol	**9.8U**	ug/L	48.0	9.8	10	02/17/10 21:35	03/13/10 01:38	100-51-6	
4-Bromophenylphenyl ether	**6.4U**	ug/L	48.0	6.4	10	02/17/10 21:35	03/13/10 01:38	101-55-3	J(L2)
Butylbenzylphthalate	**6.9U**	ug/L	48.0	6.9	10	02/17/10 21:35	03/13/10 01:38	85-68-7	J(L2)
4-Chloro-3-methylphenol	**5.9U**	ug/L	192	5.9	10	02/17/10 21:35	03/13/10 01:38	59-50-7	
4-Chloroaniline	**11.6U**	ug/L	48.0	11.6	10	02/17/10 21:35	03/13/10 01:38	106-47-8	
bis(2-Chloroethoxy)methane	**28.3U**	ug/L	48.0	28.3	10	02/17/10 21:35	03/13/10 01:38	111-91-1	
bis(2-Chloroethyl) ether	**7.2U**	ug/L	38.4	7.2	10	02/17/10 21:35	03/13/10 01:38	111-44-4	
bis(2-Chloroisopropyl) ether	**7.0U**	ug/L	48.0	7.0	10	02/17/10 21:35	03/13/10 01:38	108-60-1	
2-Chloronaphthalene	**7.7U**	ug/L	48.0	7.7	10	02/17/10 21:35	03/13/10 01:38	91-58-7	
2-Chlorophenol	**6.5U**	ug/L	48.0	6.5	10	02/17/10 21:35	03/13/10 01:38	95-57-8	
4-Chlorophenylphenyl ether	**6.0U**	ug/L	48.0	6.0	10	02/17/10 21:35	03/13/10 01:38	7005-72-3	J(L2)
Chrysene	**3.5U**	ug/L	48.0	3.5	10	02/17/10 21:35	03/13/10 01:38	218-01-9	
Diallate	**7.0U**	ug/L	48.0	7.0	10	02/17/10 21:35	03/13/10 01:38	2303-16-4	
Dibenz(a,h)anthracene	**6.2U**	ug/L	19.2	6.2	10	02/17/10 21:35	03/13/10 01:38	53-70-3	J(L2)
Dibenzofuran	**6.4U**	ug/L	48.0	6.4	10	02/17/10 21:35	03/13/10 01:38	132-64-9	
1,2-Dichlorobenzene	**6.5U**	ug/L	48.0	6.5	10	02/17/10 21:35	03/13/10 01:38	95-50-1	
1,3-Dichlorobenzene	**7.3U**	ug/L	48.0	7.3	10	02/17/10 21:35	03/13/10 01:38	541-73-1	
1,4-Dichlorobenzene	**7.4U**	ug/L	48.0	7.4	10	02/17/10 21:35	03/13/10 01:38	106-46-7	
3,3'-Dichlorobenzidine	**6.6U**	ug/L	95.9	6.6	10	02/17/10 21:35	03/13/10 01:38	91-94-1	
2,4-Dichlorophenol	**5.4U**	ug/L	19.2	5.4	10	02/17/10 21:35	03/13/10 01:38	120-83-2	
2,6-Dichlorophenol	**5.9U**	ug/L	38.4	5.9	10	02/17/10 21:35	03/13/10 01:38	87-65-0	
Diethylphthalate	**4.9U**	ug/L	48.0	4.9	10	02/17/10 21:35	03/13/10 01:38	84-66-2	J(L2)
P-Dimethylaminoazobenzene	**6.4U**	ug/L	48.0	6.4	10	02/17/10 21:35	03/13/10 01:38	60-11-7	
7,12-Dimethylbenz(a)anthracene	**18.7U**	ug/L	48.0	18.7	10	02/17/10 21:35	03/13/10 01:38	57-97-6	J(L2)
3,3'-Dimethylbenzidine	**30.0U**	ug/L	95.9	30.0	10	02/17/10 21:35	03/13/10 01:38	119-93-7	
2,4-Dimethylphenol	**15.2U**	ug/L	48.0	15.2	10	02/17/10 21:35	03/13/10 01:38	105-67-9	
Dimethylphthalate	**6.1U**	ug/L	48.0	6.1	10	02/17/10 21:35	03/13/10 01:38	131-11-3	
Di-n-butylphthalate	**3.9U**	ug/L	48.0	3.9	10	02/17/10 21:35	03/13/10 01:38	84-74-2	
4,6-Dinitro-2-methylphenol	**12.7U**	ug/L	192	12.7	10	02/17/10 21:35	03/13/10 01:38	534-52-1	
1,3-Dinitrobenzene	**6.5U**	ug/L	76.7	6.5	10	02/17/10 21:35	03/13/10 01:38	99-65-0	
2,4-Dinitrophenol	**15.1U**	ug/L	192	15.1	10	02/17/10 21:35	03/13/10 01:38	51-28-5	
2,4-Dinitrotoluene	**5.1U**	ug/L	19.2	5.1	10	02/17/10 21:35	03/13/10 01:38	121-14-2	
2,6-Dinitrotoluene	**11.7U**	ug/L	19.2	11.7	10	02/17/10 21:35	03/13/10 01:38	606-20-2	
Di-n-octylphthalate	**8.6U**	ug/L	48.0	8.6	10	02/17/10 21:35	03/13/10 01:38	117-84-0	J(L2)
bis(2-Ethylhexyl)phthalate	**7.7U**	ug/L	48.0	7.7	10	02/17/10 21:35	03/13/10 01:38	117-81-7	
Ethyl methanesulfonate	**8.6U**	ug/L	48.0	8.6	10	02/17/10 21:35	03/13/10 01:38	62-50-0	
Fluoranthene	**5.2U**	ug/L	48.0	5.2	10	02/17/10 21:35	03/13/10 01:38	206-44-0	
Fluorene	**5.4U**	ug/L	48.0	5.4	10	02/17/10 21:35	03/13/10 01:38	86-73-7	
Hexachlorobenzene	**7.7U**	ug/L	9.6	7.7	10	02/17/10 21:35	03/13/10 01:38	118-74-1	J(L2)
Hexachlorocyclopentadiene	**12.3U**	ug/L	48.0	12.3	10	02/17/10 21:35	03/13/10 01:38	77-47-4	
Hexachloroethane	**6.8U**	ug/L	48.0	6.8	10	02/17/10 21:35	03/13/10 01:38	67-72-1	
Hexachloropropene	**13.5U**	ug/L	48.0	13.5	10	02/17/10 21:35	03/13/10 01:38	1888-71-7	
Indeno(1,2,3-cd)pyrene	**7.0U**	ug/L	19.2	7.0	10	02/17/10 21:35	03/13/10 01:38	193-39-5	

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(386)672-5668

ANALYTICAL RESULTS

Project: West Pasco Class III LF
Pace Project No.: 357280

Sample: LEACHATE TANK #1 **Lab ID: 357280007** Collected: 02/10/10 13:20 Received: 02/12/10 14:00 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV SemiVOA App. II	Analytical Method: EPA 8270 Preparation Method: EPA 3510								
Isodrin	**5.2U**	ug/L	48.0	5.2	10	02/17/10 21:35	03/13/10 01:38	465-73-6	
Isophorone	**7.0U**	ug/L	48.0	7.0	10	02/17/10 21:35	03/13/10 01:38	78-59-1	
Isosafrole	**5.8U**	ug/L	48.0	5.8	10	02/17/10 21:35	03/13/10 01:38	120-58-1	J(L2)
Kepone	**10.0U**	ug/L	20.0	10.0	10	02/17/10 21:35	03/13/10 01:38	143-50-0	
Methapyrilene	**15.8U**	ug/L	48.0	15.8	10	02/17/10 21:35	03/13/10 01:38	91-80-5	
3-Methylcholanthrene	**10U**	ug/L	48.0	10	10	02/17/10 21:35	03/13/10 01:38	56-49-5	
Methyl methanesulfonate	**9.6U**	ug/L	48.0	9.6	10	02/17/10 21:35	03/13/10 01:38	66-27-3	
2-Methylnaphthalene	**9.5U**	ug/L	48.0	9.5	10	02/17/10 21:35	03/13/10 01:38	91-57-6	
2-Methylphenol(o-Cresol)	**7.0U**	ug/L	48.0	7.0	10	02/17/10 21:35	03/13/10 01:38	95-48-7	
3&4-Methylphenol(m&p Cresol)	**6.3U**	ug/L	95.9	6.3	10	02/17/10 21:35	03/13/10 01:38		
2-Naphthylamine	**21.8U**	ug/L	48.0	21.8	10	02/17/10 21:35	03/13/10 01:38	91-59-8	J(L2)
Naphthalene	**7.5U**	ug/L	48.0	7.5	10	02/17/10 21:35	03/13/10 01:38	91-20-3	
1-Naphthylamine	**9.9U**	ug/L	48.0	9.9	10	02/17/10 21:35	03/13/10 01:38	134-32-7	
1,4-Naphthoquinone	**11.3U**	ug/L	48.0	11.3	10	02/17/10 21:35	03/13/10 01:38	130-15-4	
2-Nitroaniline	**5.8U**	ug/L	48.0	5.8	10	02/17/10 21:35	03/13/10 01:38	88-74-4	J(L2)
3-Nitroaniline	**9.5U**	ug/L	48.0	9.5	10	02/17/10 21:35	03/13/10 01:38	99-09-2	
4-Nitroaniline	**6.6U**	ug/L	38.4	6.6	10	02/17/10 21:35	03/13/10 01:38	100-01-6	
Nitrobenzene	**10.5U**	ug/L	38.4	10.5	10	02/17/10 21:35	03/13/10 01:38	98-95-3	
2-Nitrophenol	**7.8U**	ug/L	48.0	7.8	10	02/17/10 21:35	03/13/10 01:38	88-75-5	
4-Nitrophenol	**10.4U**	ug/L	192	10.4	10	02/17/10 21:35	03/13/10 01:38	100-02-7	
5-Nitro-o-toluidine	**12.4U**	ug/L	48.0	12.4	10	02/17/10 21:35	03/13/10 01:38	99-55-8	
N-Nitrosodiethylamine	**7.0U**	ug/L	38.4	7.0	10	02/17/10 21:35	03/13/10 01:38	55-18-5	
N-Nitrosodimethylamine	**9.3U**	ug/L	19.2	9.3	10	02/17/10 21:35	03/13/10 01:38	62-75-9	
N-Nitroso-di-n-butylamine	**5.3U**	ug/L	38.4	5.3	10	02/17/10 21:35	03/13/10 01:38	924-16-3	
N-Nitroso-di-n-propylamine	**9.0U**	ug/L	38.4	9.0	10	02/17/10 21:35	03/13/10 01:38	621-64-7	
N-Nitrosodiphenylamine	**4.8U**	ug/L	48.0	4.8	10	02/17/10 21:35	03/13/10 01:38	86-30-6	
N-Nitrosomethylethylamine	**7.1U**	ug/L	48.0	7.1	10	02/17/10 21:35	03/13/10 01:38	10595-95-6	
N-Nitrosopiperidine	**6.1U**	ug/L	48.0	6.1	10	02/17/10 21:35	03/13/10 01:38	100-75-4	
N-Nitrosopyrrolidine	**8.4U**	ug/L	48.0	8.4	10	02/17/10 21:35	03/13/10 01:38	930-55-2	J(L2)
O,O,O-Triethylphosphorothioate	**6.6U**	ug/L	48.0	6.6	10	02/17/10 21:35	03/13/10 01:38	126-68-1	J(L2)
Pentachlorobenzene	**7.5U**	ug/L	48.0	7.5	10	02/17/10 21:35	03/13/10 01:38	608-93-5	
Phenacetin	**5.1U**	ug/L	48.0	5.1	10	02/17/10 21:35	03/13/10 01:38	62-44-2	
Phenanthrene	**5.0U**	ug/L	48.0	5.0	10	02/17/10 21:35	03/13/10 01:38	85-01-8	J(L2)
Phenol	**5.2U**	ug/L	48.0	5.2	10	02/17/10 21:35	03/13/10 01:38	108-95-2	D3
p-Phenylenediamine	**10.0U**	ug/L	20.0	10.0	10	02/17/10 21:35	03/13/10 01:38	106-50-3	
Pronamide	**10.8U**	ug/L	48.0	10.8	10	02/17/10 21:35	03/13/10 01:38	23950-58-5	
Pyrene	**6.5U**	ug/L	48.0	6.5	10	02/17/10 21:35	03/13/10 01:38	129-00-0	
Safrole	**8.2U**	ug/L	48.0	8.2	10	02/17/10 21:35	03/13/10 01:38	94-59-7	
1,2,4,5-Tetrachlorobenzene	**6.7U**	ug/L	48.0	6.7	10	02/17/10 21:35	03/13/10 01:38	95-94-3	
2,3,4,6-Tetrachlorophenol	**36.9U**	ug/L	48.0	36.9	10	02/17/10 21:35	03/13/10 01:38	58-90-2	
Thionazin	**5.9U**	ug/L	48.0	5.9	10	02/17/10 21:35	03/13/10 01:38	297-97-2	
O-Toluidine	**10.3U**	ug/L	48.0	10.3	10	02/17/10 21:35	03/13/10 01:38	95-53-4	
2,4,5-Trichlorophenol	**5.0U**	ug/L	38.4	5.0	10	02/17/10 21:35	03/13/10 01:38	95-95-4	
2,4,6-Trichlorophenol	**6.6U**	ug/L	19.2	6.6	10	02/17/10 21:35	03/13/10 01:38	88-06-2	
1,3,5-Trinitrobenzene	**11.7U**	ug/L	48.0	11.7	10	02/17/10 21:35	03/13/10 01:38	99-35-4	
Nitrobenzene-d5 (S)	62	%	10-110		10	02/17/10 21:35	03/13/10 01:38	4165-60-0	

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ANALYTICAL RESULTS

Project: West Pasco Class III LF
Pace Project No.: 357280

Sample: LEACHATE TANK #1 **Lab ID: 357280007** Collected: 02/10/10 13:20 Received: 02/12/10 14:00 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV SemiVOA App. II	Analytical Method: EPA 8270 Preparation Method: EPA 3510								
2-Fluorobiphenyl (S)	76	%	18-110		10	02/17/10 21:35	03/13/10 01:38	321-60-8	
Terphenyl-d14 (S)	89	%	10-123		10	02/17/10 21:35	03/13/10 01:38	1718-51-0	
Phenol-d6 (S)	31	%	10-110		10	02/17/10 21:35	03/13/10 01:38	13127-88-3	
2-Fluorophenol (S)	35	%	18-110		10	02/17/10 21:35	03/13/10 01:38	367-12-4	
2,4,6-Tribromophenol (S)	67	%	10-110		10	02/17/10 21:35	03/13/10 01:38	118-79-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**6.2 I**	ug/L	10.0	5.0	1		02/24/10 21:23	67-64-1	
Acetonitrile	**5.0U**	ug/L	10.0	5.0	1		02/24/10 21:23	75-05-8	
Acrolein	**10.0U**	ug/L	20.0	10.0	1		02/24/10 21:23	107-02-8	J(L1)
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		02/24/10 21:23	107-13-1	
Allyl chloride	**0.50U**	ug/L	1.0	0.50	1		02/24/10 21:23	107-05-1	
Benzene	**5.1**	ug/L	1.0	0.50	1		02/24/10 21:23	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		02/24/10 21:23	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		02/24/10 21:23	75-27-4	
Bromoform	**0.50U**	ug/L	1.0	0.50	1		02/24/10 21:23	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		02/24/10 21:23	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		02/24/10 21:23	78-93-3	
Carbon disulfide	**6.2**	ug/L	1.0	0.50	1		02/24/10 21:23	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		02/24/10 21:23	56-23-5	
Chlorobenzene	**0.50U**	ug/L	1.0	0.50	1		02/24/10 21:23	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		02/24/10 21:23	75-00-3	
2-Chloroethylvinyl ether	**0.50U**	ug/L	1.0	0.50	1		02/24/10 21:23	110-75-8	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		02/24/10 21:23	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		02/24/10 21:23	74-87-3	
Chloroprene	**0.50U**	ug/L	1.0	0.50	1		02/24/10 21:23	126-99-8	
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		02/24/10 21:23	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		02/24/10 21:23	74-95-3	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		02/24/10 21:23	110-57-6	
Dichlorodifluoromethane	**0.50U**	ug/L	1.0	0.50	1		02/24/10 21:23	75-71-8	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		02/24/10 21:23	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		02/24/10 21:23	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		02/24/10 21:23	75-35-4	J(L1)
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		02/24/10 21:23	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		02/24/10 21:23	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		02/24/10 21:23	78-87-5	
1,3-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		02/24/10 21:23	142-28-9	
2,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		02/24/10 21:23	594-20-7	
1,1-Dichloropropene	**0.50U**	ug/L	1.0	0.50	1		02/24/10 21:23	563-58-6	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		02/24/10 21:23	10061-01-5	
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		02/24/10 21:23	10061-02-6	
Ethylbenzene	**9.1**	ug/L	1.0	0.50	1		02/24/10 21:23	100-41-4	
Ethyl methacrylate	**0.50U**	ug/L	1.0	0.50	1		02/24/10 21:23	97-63-2	
Hexachloro-1,3-butadiene	**0.50U**	ug/L	1.0	0.50	1		02/24/10 21:23	87-68-3	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		02/24/10 21:23	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		02/24/10 21:23	74-88-4	

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ANALYTICAL RESULTS

Project: West Pasco Class III LF
Pace Project No.: 357280

Sample: LEACHATE TANK #1 **Lab ID: 357280007** Collected: 02/10/10 13:20 Received: 02/12/10 14:00 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Isobutyl Alcohol	**10.0U**	ug/L	20.0	10.0	1		02/24/10 21:23	78-83-1	
Methacrylonitrile	**5.0U**	ug/L	10.0	5.0	1		02/24/10 21:23	126-98-7	
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		02/24/10 21:23	75-09-2	
Methyl methacrylate	**5.0U**	ug/L	10.0	5.0	1		02/24/10 21:23	80-62-6	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		02/24/10 21:23	108-10-1	
Methyl-tert-butyl ether	**6.8**	ug/L	1.0	0.50	1		02/24/10 21:23	1634-04-4	
Propionitrile	**5.0U**	ug/L	10.0	5.0	1		02/24/10 21:23	107-12-0	
Styrene	**0.50U**	ug/L	1.0	0.50	1		02/24/10 21:23	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		02/24/10 21:23	630-20-6	
1,1,2,2-Tetrachloroethane	**0.18U**	ug/L	0.50	0.18	1		02/24/10 21:23	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		02/24/10 21:23	127-18-4	
Toluene	**9.2**	ug/L	1.0	0.50	1		02/24/10 21:23	108-88-3	
1,2,4-Trichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		02/24/10 21:23	120-82-1	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		02/24/10 21:23	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		02/24/10 21:23	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		02/24/10 21:23	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		02/24/10 21:23	75-69-4	
1,2,3-Trichloropropane	**0.36U**	ug/L	0.50	0.36	1		02/24/10 21:23	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		02/24/10 21:23	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		02/24/10 21:23	75-01-4	
Xylene (Total)	**27.5**	ug/L	1.0	0.50	1		02/24/10 21:23	1330-20-7	
4-Bromofluorobenzene (S)	102	%	70-114		1		02/24/10 21:23	460-00-4	1p
Dibromofluoromethane (S)	100	%	88-117		1		02/24/10 21:23	1868-53-7	
1,2-Dichloroethane-d4 (S)	106	%	86-125		1		02/24/10 21:23	17060-07-0	
Toluene-d8 (S)	106	%	87-113		1		02/24/10 21:23	2037-26-5	
9034 Sulfide Water	Analytical Method: EPA 9034								
Sulfide	**17.0**	mg/L	1.7	1.7	1		02/16/10 11:00		
9012 Cyanide, Total	Analytical Method: EPA 9012 Preparation Method: EPA 9012								
Cyanide	**0.0050U**	mg/L	0.010	0.0050	1	02/22/10 02:45	02/24/10 14:54	57-12-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: W Pasco Cl. III Leachate
Pace Project No.: 357948

Sample: Tank 1 @ W. Pasco Cl. III **Lab ID: 357948001** Collected: 02/23/10 09:55 Received: 02/24/10 13:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
9034 Sulfide Water	Analytical Method: EPA 9034								
Sulfide	**38.5**	mg/L	10.0	10.0	1		03/01/10 12:30		

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: W Pasco Cl. III Leachate
Pace Project No.: 357948

QC Batch: WET/2956
QC Batch Method: EPA 9034
Analysis Method: EPA 9034
Analysis Description: 9034 Sulfide Water
Associated Lab Samples: 357948001

METHOD BLANK: 49506
Matrix: Water
Associated Lab Samples: 357948001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Sulfide	mg/L	1.0U	1.0	03/01/10 12:30	

LABORATORY CONTROL SAMPLE: 49507

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Sulfide	mg/L	6	5.7	95	80-120	

MATRIX SPIKE SAMPLE: 49509

Parameter	Units	357653006 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Sulfide	mg/L	11.6	30	37.6	87	80-120	

SAMPLE DUPLICATE: 49508

Parameter	Units	357653006 Result	Dup Result	RPD	Max RPD	Qualifiers
Sulfide	mg/L	11.6	10.8	7	20	

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QUALIFIERS

Project: W Pasco Cl. III Leachate
Pace Project No.: 357948

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

S - Surrogate

1,2-Diphenylhydrazine (8270 listed analyte) decomposes to Azobenzene.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

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U - Indicates the compound was analyzed for, but not detected.

LABORATORIES

PASI-O Pace Analytical Services - Ormond Beach

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: W Pasco Cl. III Leachate
Pace Project No.: 357948

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
357948001	Tank 1 @ W. Pasco Cl. III	EPA 9034	WET/2956		

REPORT OF LABORATORY ANALYSIS

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PASCO COUNTY, FLORIDA

ENVIRONMENTAL LABORATORY
8864 GOVERNMENT DRIVE
NEW PORT RICHEY, FL 34654
PHONE 727-847-8902

NELAC E44123
CONTACTS:
GLORIA KRUEGER
CHRIS CHILDRESS

REPORT OF ANALYSES

West Pasco Class III Landfill
Hays Road
Shady Hills, Fl
John Power

Date: 2/22/2010

SAMPLE NUMBER	AB42049	SAMPLE ID TANK 2 @ WP CLASS III	SAMPLE MATRIX LC
DATE SAMPLED	2/10/2010		TIME SAMPLED 14:30
DATE RECEIVED	2/10/2010	SAMPLER WMM	RECEIVED BY CF
TIME RECEIVED	15:45	DELIVERED BY WMM	SAMPLE TYPE PP

ANALYSIS	METHOD	DATE	TIME	BY	RESULT	QUAL.	UNIT	DET. LIMIT
Color by Observation	Observation	2/10/2010	14:30	WM	ORANGE		ObsColor	0
Conductivity Field	SM2510B	2/10/2010	14:30	WM	2450		umhos/cm	0
Dissolved Oxygen Field	SM 4500 O	2/10/2010	14:30	WM	3.75		mg/L	0
pH Field	SM4500HB	2/10/2010	14:30	WM	7.31		std units	0
Temperature Field	SM2550B	2/10/2010	14:30	WM	16.40		deg C	0
Iron,Total, ICP	EPA 200.7	2/11/2010	10:40	TER	4.52	XC	mg/L	0.002
Mercury, Total, CVAA	SM 3112 B	2/12/2010	10:00	TER	0.0002	U	mg/L	).000
Sodium	EPA 200.7	2/11/2010	10:40	TER	515	XC	mg/L	0.2
Ammonia	SM 4500-NH	2/12/2010	8:30	IF	97.5		mg/L	0.04
Nitrate	SM 4500-N	2/11/2010	8:00	IF	0.02	U	mg/L	0.02
Total Dissolved Solids	SM 2540 C	2/12/2010	16:45	SER	1740	XC	mg/L	15.3
Bicarbonate Alkalinity	SM2320B	2/17/2010	8:30	AS	1616		mgCaCO3/	2.04
Chloride	SM 4500-CL	2/15/2010	12:00	SER	169		mg/L	0.35

ANALYSIS COMMENTS:

LABORATORY DIRECTOR Cynthia E. Thulke

THIS DOCUMENT MEETS NELAC STANDARDS

NELAC Certification # E44123

Pace Analytical Services, Inc.
8 East Tower Circle
Ormond Beach, FL 32174
(386)672-5668

ANALYTICAL RESULTS

Project: West Pasco Class III LF
Pace Project No.: 357280

Sample: LEACHATE TANK #2 **Lab ID: 357280008** Collected: 02/10/10 14:30 Received: 02/12/10 14:00 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011								
1,2-Dibromo-3-chloropropane	**0.0054U**	ug/L	0.022	0.0054	1	02/22/10 15:00	02/22/10 22:04	96-12-8	
1,2-Dibromoethane (EDB)	**0.0069U**	ug/L	0.011	0.0069	1	02/22/10 15:00	02/22/10 22:04	106-93-4	
8081 GCS Pesticides	Analytical Method: EPA 8081 Preparation Method: EPA 3510								
Aldrin	**0.012U**	ug/L	0.24	0.012	25	02/17/10 17:32	03/17/10 04:01	309-00-2	J(M0)
alpha-BHC	**0.0073U**	ug/L	0.24	0.0073	25	02/17/10 17:32	03/17/10 04:01	319-84-6	J(R1)
beta-BHC	**0.012U**	ug/L	0.24	0.012	25	02/17/10 17:32	03/17/10 04:01	319-85-7	J(M0)
delta-BHC	**0.0097U**	ug/L	0.24	0.0097	25	02/17/10 17:32	03/17/10 04:01	319-86-8	J(M0), J(R1)
gamma-BHC (Lindane)	**0.0049U**	ug/L	0.24	0.0049	25	02/17/10 17:32	03/17/10 04:01	58-89-9	J(M0)
Chlordane (Technical)	**1.9U**	ug/L	12.1	1.9	25	02/17/10 17:32	03/17/10 04:01	57-74-9	
Chlorobenzilate	**0.51U**	ug/L	2.4	0.51	25	02/17/10 17:32	03/17/10 04:01	510-15-6	
4,4'-DDD	**0.046U**	ug/L	0.24	0.046	25	02/17/10 17:32	03/17/10 04:01	72-54-8	J(M0), J(R1)
4,4'-DDE	**0.022U**	ug/L	0.24	0.022	25	02/17/10 17:32	03/17/10 04:01	72-55-9	J(M0)
4,4'-DDT	**0.087U**	ug/L	0.24	0.087	25	02/17/10 17:32	03/17/10 04:01	50-29-3	
Dieldrin	**0.012U**	ug/L	0.24	0.012	25	02/17/10 17:32	03/17/10 04:01	60-57-1	
Endosulfan I	**0.017U**	ug/L	0.24	0.017	25	02/17/10 17:32	03/17/10 04:01	959-98-8	J(M0), J(R1)
Endosulfan II	**0.017U**	ug/L	0.24	0.017	25	02/17/10 17:32	03/17/10 04:01	33213-65-9	
Endosulfan sulfate	**0.015U**	ug/L	0.24	0.015	25	02/17/10 17:32	03/17/10 04:01	1031-07-8	J(M0), J(R1)
Endrin	**0.041U**	ug/L	0.24	0.041	25	02/17/10 17:32	03/17/10 04:01	72-20-8	J(M0), J(R1)
Endrin aldehyde	**0.17U**	ug/L	0.24	0.17	25	02/17/10 17:32	03/17/10 04:01	7421-93-4	J(R1)
Heptachlor	**0.036U**	ug/L	0.24	0.036	25	02/17/10 17:32	03/17/10 04:01	76-44-8	J(R1)
Heptachlor epoxide	**0.0097U**	ug/L	0.24	0.0097	25	02/17/10 17:32	03/17/10 04:01	1024-57-3	J(M0)
Methoxychlor	**0.17U**	ug/L	0.24	0.17	25	02/17/10 17:32	03/17/10 04:01	72-43-5	J(M0)
Pentachloronitrobenzene	**0.36U**	ug/L	2.4	0.36	25	02/17/10 17:32	03/17/10 04:01	82-68-8	
Toxaphene	**6.9U**	ug/L	12.1	6.9	25	02/17/10 17:32	03/17/10 04:01	8001-35-2	
Tetrachloro-m-xylene (S)	59	%	66.5-120.3		25	02/17/10 17:32	03/17/10 04:01	877-09-8	2p,D3, J(S0)
Decachlorobiphenyl (S)	51	%	41.7-109.1		25	02/17/10 17:32	03/17/10 04:01	2051-24-3	
8082 GCS PCB	Analytical Method: EPA 8082 Preparation Method: EPA 3510								
PCB-1016 (Aroclor 1016)	**0.078U**	ug/L	0.49	0.078	1	02/17/10 17:33	03/17/10 04:01	12674-11-2	
PCB-1221 (Aroclor 1221)	**0.079U**	ug/L	0.49	0.079	1	02/17/10 17:33	03/17/10 04:01	11104-28-2	
PCB-1232 (Aroclor 1232)	**0.11U**	ug/L	0.49	0.11	1	02/17/10 17:33	03/17/10 04:01	11141-16-5	
PCB-1242 (Aroclor 1242)	**0.12U**	ug/L	0.49	0.12	1	02/17/10 17:33	03/17/10 04:01	53469-21-9	
PCB-1248 (Aroclor 1248)	**0.27U**	ug/L	0.49	0.27	1	02/17/10 17:33	03/17/10 04:01	12672-29-6	
PCB-1254 (Aroclor 1254)	**0.14U**	ug/L	0.49	0.14	1	02/17/10 17:33	03/17/10 04:01	11097-69-1	
PCB-1260 (Aroclor 1260)	**0.11U**	ug/L	0.49	0.11	1	02/17/10 17:33	03/17/10 04:01	11096-82-5	
Tetrachloro-m-xylene (S)	2	%	48-111		1	02/17/10 17:33	03/17/10 04:01	877-09-8	D3,S4
Decachlorobiphenyl (S)	2	%	63-121		1	02/17/10 17:33	03/17/10 04:01	2051-24-3	J(S0)
8141 GCS O/P Pesticides	Analytical Method: EPA 8141 Preparation Method: EPA 3510								
Dimethoate	**1.8U**	ug/L	4.9	1.8	10	02/17/10 19:37	03/02/10 11:54	60-51-5	

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Pace Analytical Services, Inc.
8 East Tower Circle
Ormond Beach, FL 32174
(386)672-5668

ANALYTICAL RESULTS

Project: West Pasco Class III LF
Pace Project No.: 357280

Sample: LEACHATE TANK #2 **Lab ID: 357280008** Collected: 02/10/10 14:30 Received: 02/12/10 14:00 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8141 GCS O/P Pesticides	Analytical Method: EPA 8141 Preparation Method: EPA 3510								
Disulfoton	**1.5U**	ug/L	4.9	1.5	10	02/17/10 19:37	03/02/10 11:54	298-04-4	
Famphur	**1.4U**	ug/L	4.9	1.4	10	02/17/10 19:37	03/02/10 11:54	52-85-7	
Methyl parathion	**1.9U**	ug/L	4.9	1.9	10	02/17/10 19:37	03/02/10 11:54	298-00-0	
Parathion (Ethyl parathion)	**3.4U**	ug/L	9.7	3.4	10	02/17/10 19:37	03/02/10 11:54	56-38-2	
Phorate	**3.6U**	ug/L	9.7	3.6	10	02/17/10 19:37	03/02/10 11:54	298-02-2	
4-Chloro3nitrobenzotrifluoride	0	%	34.2-122		10	02/17/10 19:37	03/02/10 11:54		J(S2)
8151 Chlorinated Herbicides	Analytical Method: EPA 8151 Preparation Method: EPA 8151								
2,4-D	**2.1U**	ug/L	8.9	2.1	10	02/17/10 13:30	02/20/10 18:30	94-75-7	
Dinoseb	**0.54U**	ug/L	1.8	0.54	10	02/17/10 13:30	02/20/10 18:30	88-85-7	
Pentachlorophenol	**0.16U**	ug/L	0.27	0.16	10	02/17/10 13:30	02/20/10 18:30	87-86-5	
2,4,5-T	**0.40U**	ug/L	1.8	0.40	10	02/17/10 13:30	02/20/10 18:30	93-76-5	
2,4,5-TP (Silvex)	**0.46U**	ug/L	1.8	0.46	10	02/17/10 13:30	02/20/10 18:30	93-72-1	
2,4-DCPA (S)	0	%	65.5-125.7		10	02/17/10 13:30	02/20/10 18:30	19719-28-9	D3,S4
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	**10.7**	ug/L	10.0	5.0	1	02/19/10 06:40	02/19/10 19:44	7440-38-2	
Barium	**47.7**	ug/L	10.0	5.0	1	02/19/10 06:40	02/19/10 19:44	7440-39-3	
Beryllium	**0.50U**	ug/L	1.0	0.50	1	02/19/10 06:40	02/19/10 19:44	7440-41-7	
Cadmium	**0.50U**	ug/L	1.0	0.50	1	02/19/10 06:40	02/19/10 19:44	7440-43-9	
Chromium	**21.0**	ug/L	5.0	2.5	1	02/19/10 06:40	02/19/10 19:44	7440-47-3	
Cobalt	**13.8**	ug/L	10.0	5.0	1	02/19/10 06:40	02/19/10 19:44	7440-48-4	
Copper	**2.5U**	ug/L	5.0	2.5	1	02/19/10 06:40	02/19/10 19:44	7440-50-8	
Lead	**5.0U**	ug/L	10.0	5.0	1	02/19/10 06:40	02/19/10 19:44	7439-92-1	
Nickel	**8.8**	ug/L	5.0	2.5	1	02/19/10 06:40	02/19/10 19:44	7440-02-0	
Selenium	**7.5U**	ug/L	15.0	7.5	1	02/19/10 06:40	02/19/10 19:44	7782-49-2	
Silver	**2.5U**	ug/L	5.0	2.5	1	02/19/10 06:40	02/19/10 19:44	7440-22-4	
Tin	**25.0U**	ug/L	50.0	25.0	1	02/19/10 06:40	02/19/10 19:44	7440-31-5	
Vanadium	**9.0 I**	ug/L	10.0	5.0	1	02/19/10 06:40	02/19/10 19:44	7440-62-2	
Zinc	**10.0U**	ug/L	20.0	10.0	1	02/19/10 06:40	02/19/10 19:44	7440-66-6	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3010								
Antimony	**4.5**	ug/L	1.0	0.50	1	02/19/10 06:40	02/22/10 17:55	7440-36-0	
Thallium	**0.50U**	ug/L	1.0	0.50	1	02/19/10 06:40	02/22/10 17:55	7440-28-0	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	**0.10U**	ug/L	0.20	0.10	1	02/16/10 12:15	02/17/10 13:38	7439-97-6	
8270 MSSV SemiVOA App. II	Analytical Method: EPA 8270 Preparation Method: EPA 3510								
Acenaphthene	**8.4U**	ug/L	48.7	8.4	10	02/17/10 21:35	03/13/10 01:07	83-32-9	J(L2)
Acenaphthylene	**9.3U**	ug/L	48.7	9.3	10	02/17/10 21:35	03/13/10 01:07	208-96-8	J(L2)
Acetophenone	**14.1U**	ug/L	48.7	14.1	10	02/17/10 21:35	03/13/10 01:07	98-86-2	
2-Acetylaminofluorene	**6.3U**	ug/L	48.7	6.3	10	02/17/10 21:35	03/13/10 01:07	53-96-3	J(L2), J(M0)

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, Inc.
8 East Tower Circle
Ormond Beach, FL 32174
(386)672-5668

ANALYTICAL RESULTS

Project: West Pasco Class III LF
Pace Project No.: 357280

Sample: LEACHATE TANK #2 **Lab ID: 357280008** Collected: 02/10/10 14:30 Received: 02/12/10 14:00 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV SemiVOA App. II	Analytical Method: EPA 8270 Preparation Method: EPA 3510								
4-Aminobiphenyl	**27.6U**	ug/L	48.7	27.6	10	02/17/10 21:35	03/13/10 01:07	92-67-1	J(L2), J(M0)
Anthracene	**5.8U**	ug/L	48.7	5.8	10	02/17/10 21:35	03/13/10 01:07	120-12-7	J(L2)
Benzo(a)anthracene	**6.1U**	ug/L	48.7	6.1	10	02/17/10 21:35	03/13/10 01:07	56-55-3	
Benzo(a)pyrene	**5.7U**	ug/L	9.7	5.7	10	02/17/10 21:35	03/13/10 01:07	50-32-8	J(L2)
Benzo(b)fluoranthene	**6.0U**	ug/L	19.5	6.0	10	02/17/10 21:35	03/13/10 01:07	205-99-2	J(L2)
Benzo(g,h,i)perylene	**6.6U**	ug/L	48.7	6.6	10	02/17/10 21:35	03/13/10 01:07	191-24-2	J(L2)
Benzo(k)fluoranthene	**5.0U**	ug/L	39.0	5.0	10	02/17/10 21:35	03/13/10 01:07	207-08-9	J(L2)
Benzyl alcohol	**9.9U**	ug/L	48.7	9.9	10	02/17/10 21:35	03/13/10 01:07	100-51-6	
4-Bromophenylphenyl ether	**6.5U**	ug/L	48.7	6.5	10	02/17/10 21:35	03/13/10 01:07	101-55-3	J(L2)
Butylbenzylphthalate	**7.0U**	ug/L	48.7	7.0	10	02/17/10 21:35	03/13/10 01:07	85-68-7	J(L2)
4-Chloro-3-methylphenol	**6.0U**	ug/L	195	6.0	10	02/17/10 21:35	03/13/10 01:07	59-50-7	
4-Chloroaniline	**11.8U**	ug/L	48.7	11.8	10	02/17/10 21:35	03/13/10 01:07	106-47-8	
bis(2-Chloroethoxy)methane	**28.8U**	ug/L	48.7	28.8	10	02/17/10 21:35	03/13/10 01:07	111-91-1	
bis(2-Chloroethyl) ether	**7.3U**	ug/L	39.0	7.3	10	02/17/10 21:35	03/13/10 01:07	111-44-4	
bis(2-Chloroisopropyl) ether	**7.1U**	ug/L	48.7	7.1	10	02/17/10 21:35	03/13/10 01:07	108-60-1	
2-Chloronaphthalene	**7.8U**	ug/L	48.7	7.8	10	02/17/10 21:35	03/13/10 01:07	91-58-7	
2-Chlorophenol	**6.6U**	ug/L	48.7	6.6	10	02/17/10 21:35	03/13/10 01:07	95-57-8	
4-Chlorophenylphenyl ether	**6.1U**	ug/L	48.7	6.1	10	02/17/10 21:35	03/13/10 01:07	7005-72-3	J(L2)
Chrysene	**3.6U**	ug/L	48.7	3.6	10	02/17/10 21:35	03/13/10 01:07	218-01-9	
Diallate	**7.1U**	ug/L	48.7	7.1	10	02/17/10 21:35	03/13/10 01:07	2303-16-4	
Dibenz(a,h)anthracene	**6.3U**	ug/L	19.5	6.3	10	02/17/10 21:35	03/13/10 01:07	53-70-3	J(L2)
Dibenzofuran	**6.5U**	ug/L	48.7	6.5	10	02/17/10 21:35	03/13/10 01:07	132-64-9	
1,2-Dichlorobenzene	**6.6U**	ug/L	48.7	6.6	10	02/17/10 21:35	03/13/10 01:07	95-50-1	
1,3-Dichlorobenzene	**7.4U**	ug/L	48.7	7.4	10	02/17/10 21:35	03/13/10 01:07	541-73-1	
1,4-Dichlorobenzene	**7.5U**	ug/L	48.7	7.5	10	02/17/10 21:35	03/13/10 01:07	106-46-7	
3,3'-Dichlorobenzidine	**6.7U**	ug/L	97.5	6.7	10	02/17/10 21:35	03/13/10 01:07	91-94-1	J(M0)
2,4-Dichlorophenol	**5.5U**	ug/L	19.5	5.5	10	02/17/10 21:35	03/13/10 01:07	120-83-2	
2,6-Dichlorophenol	**6.0U**	ug/L	39.0	6.0	10	02/17/10 21:35	03/13/10 01:07	87-65-0	
Diethylphthalate	**5.0U**	ug/L	48.7	5.0	10	02/17/10 21:35	03/13/10 01:07	84-66-2	J(L2)
P-Dimethylaminoazobenzene	**6.5U**	ug/L	48.7	6.5	10	02/17/10 21:35	03/13/10 01:07	60-11-7	
7,12-Dimethylbenz(a)anthracene	**19.0U**	ug/L	48.7	19.0	10	02/17/10 21:35	03/13/10 01:07	57-97-6	J(L2), J(M0)
3,3'-Dimethylbenzidine	**30.5U**	ug/L	97.5	30.5	10	02/17/10 21:35	03/13/10 01:07	119-93-7	J(M0)
2,4-Dimethylphenol	**15.4U**	ug/L	48.7	15.4	10	02/17/10 21:35	03/13/10 01:07	105-67-9	
Dimethylphthalate	**6.2U**	ug/L	48.7	6.2	10	02/17/10 21:35	03/13/10 01:07	131-11-3	
Di-n-butylphthalate	**4.0U**	ug/L	48.7	4.0	10	02/17/10 21:35	03/13/10 01:07	84-74-2	
4,6-Dinitro-2-methylphenol	**12.9U**	ug/L	195	12.9	10	02/17/10 21:35	03/13/10 01:07	534-52-1	
1,3-Dinitrobenzene	**6.6U**	ug/L	78.0	6.6	10	02/17/10 21:35	03/13/10 01:07	99-65-0	
2,4-Dinitrophenol	**15.3U**	ug/L	195	15.3	10	02/17/10 21:35	03/13/10 01:07	51-28-5	J(M0)
2,4-Dinitrotoluene	**5.2U**	ug/L	19.5	5.2	10	02/17/10 21:35	03/13/10 01:07	121-14-2	
2,6-Dinitrotoluene	**11.9U**	ug/L	19.5	11.9	10	02/17/10 21:35	03/13/10 01:07	606-20-2	
Di-n-octylphthalate	**8.8U**	ug/L	48.7	8.8	10	02/17/10 21:35	03/13/10 01:07	117-84-0	J(L2)
bis(2-Ethylhexyl)phthalate	**7.8U**	ug/L	48.7	7.8	10	02/17/10 21:35	03/13/10 01:07	117-81-7	
Ethyl methanesulfonate	**8.8U**	ug/L	48.7	8.8	10	02/17/10 21:35	03/13/10 01:07	62-50-0	
Fluoranthene	**5.3U**	ug/L	48.7	5.3	10	02/17/10 21:35	03/13/10 01:07	206-44-0	
Fluorene	**5.5U**	ug/L	48.7	5.5	10	02/17/10 21:35	03/13/10 01:07	86-73-7	

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ANALYTICAL RESULTS

Project: West Pasco Class III LF
Pace Project No.: 357280

Sample: LEACHATE TANK #2 **Lab ID: 357280008** Collected: 02/10/10 14:30 Received: 02/12/10 14:00 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV SemiVOA App. II	Analytical Method: EPA 8270 Preparation Method: EPA 3510								
Hexachlorobenzene	**7.8U**	ug/L	9.7	7.8	10	02/17/10 21:35	03/13/10 01:07	118-74-1	J(L2)
Hexachlorocyclopentadiene	**12.5U**	ug/L	48.7	12.5	10	02/17/10 21:35	03/13/10 01:07	77-47-4	
Hexachloroethane	**6.9U**	ug/L	48.7	6.9	10	02/17/10 21:35	03/13/10 01:07	67-72-1	
Hexachloropropene	**13.7U**	ug/L	48.7	13.7	10	02/17/10 21:35	03/13/10 01:07	1888-71-7	
Indeno(1,2,3-cd)pyrene	**7.1U**	ug/L	19.5	7.1	10	02/17/10 21:35	03/13/10 01:07	193-39-5	
Isodrin	**5.3U**	ug/L	48.7	5.3	10	02/17/10 21:35	03/13/10 01:07	465-73-6	
Isophorone	**7.1U**	ug/L	48.7	7.1	10	02/17/10 21:35	03/13/10 01:07	78-59-1	
Isosafrole	**5.8U**	ug/L	48.7	5.8	10	02/17/10 21:35	03/13/10 01:07	120-58-1	J(L2)
Kepone	**10.0U**	ug/L	20.0	10.0	10	02/17/10 21:35	03/13/10 01:07	143-50-0	
Methapyrilene	**16.1U**	ug/L	48.7	16.1	10	02/17/10 21:35	03/13/10 01:07	91-80-5	
3-Methylcholanthrene	**10.1U**	ug/L	48.7	10.1	10	02/17/10 21:35	03/13/10 01:07	56-49-5	
Methyl methanesulfonate	**9.7U**	ug/L	48.7	9.7	10	02/17/10 21:35	03/13/10 01:07	66-27-3	
2-Methylnaphthalene	**9.6U**	ug/L	48.7	9.6	10	02/17/10 21:35	03/13/10 01:07	91-57-6	
2-Methylphenol(o-Cresol)	**7.1U**	ug/L	48.7	7.1	10	02/17/10 21:35	03/13/10 01:07	95-48-7	
3&4-Methylphenol(m&p Cresol)	**6.4U**	ug/L	97.5	6.4	10	02/17/10 21:35	03/13/10 01:07		
2-Naphthylamine	**22.1U**	ug/L	48.7	22.1	10	02/17/10 21:35	03/13/10 01:07	91-59-8	J(L2), J(M0)
Naphthalene	**7.6U**	ug/L	48.7	7.6	10	02/17/10 21:35	03/13/10 01:07	91-20-3	J(M0)
1-Naphthylamine	**10.0U**	ug/L	48.7	10.0	10	02/17/10 21:35	03/13/10 01:07	134-32-7	J(M0)
1,4-Naphthoquinone	**11.5U**	ug/L	48.7	11.5	10	02/17/10 21:35	03/13/10 01:07	130-15-4	J(M0)
2-Nitroaniline	**5.8U**	ug/L	48.7	5.8	10	02/17/10 21:35	03/13/10 01:07	88-74-4	J(L2)
3-Nitroaniline	**9.6U**	ug/L	48.7	9.6	10	02/17/10 21:35	03/13/10 01:07	99-09-2	
4-Nitroaniline	**6.7U**	ug/L	39.0	6.7	10	02/17/10 21:35	03/13/10 01:07	100-01-6	J(M0)
Nitrobenzene	**10.6U**	ug/L	39.0	10.6	10	02/17/10 21:35	03/13/10 01:07	98-95-3	
2-Nitrophenol	**7.9U**	ug/L	48.7	7.9	10	02/17/10 21:35	03/13/10 01:07	88-75-5	
4-Nitrophenol	**10.5U**	ug/L	195	10.5	10	02/17/10 21:35	03/13/10 01:07	100-02-7	
5-Nitro-o-toluidine	**12.6U**	ug/L	48.7	12.6	10	02/17/10 21:35	03/13/10 01:07	99-55-8	
N-Nitrosodiethylamine	**7.1U**	ug/L	39.0	7.1	10	02/17/10 21:35	03/13/10 01:07	55-18-5	
N-Nitrosodimethylamine	**9.5U**	ug/L	19.5	9.5	10	02/17/10 21:35	03/13/10 01:07	62-75-9	
N-Nitroso-di-n-butylamine	**5.4U**	ug/L	39.0	5.4	10	02/17/10 21:35	03/13/10 01:07	924-16-3	
N-Nitroso-di-n-propylamine	**9.2U**	ug/L	39.0	9.2	10	02/17/10 21:35	03/13/10 01:07	621-64-7	
N-Nitrosodiphenylamine	**4.9U**	ug/L	48.7	4.9	10	02/17/10 21:35	03/13/10 01:07	86-30-6	
N-Nitrosomethylethylamine	**7.2U**	ug/L	48.7	7.2	10	02/17/10 21:35	03/13/10 01:07	10595-95-6	
N-Nitrosopiperidine	**6.2U**	ug/L	48.7	6.2	10	02/17/10 21:35	03/13/10 01:07	100-75-4	
N-Nitrosopyrrolidine	**8.6U**	ug/L	48.7	8.6	10	02/17/10 21:35	03/13/10 01:07	930-55-2	J(L2)
O,O,O-Triethylphosphorothioate	**6.7U**	ug/L	48.7	6.7	10	02/17/10 21:35	03/13/10 01:07	126-68-1	J(L2)
Pentachlorobenzene	**7.6U**	ug/L	48.7	7.6	10	02/17/10 21:35	03/13/10 01:07	608-93-5	
Phenacetin	**5.2U**	ug/L	48.7	5.2	10	02/17/10 21:35	03/13/10 01:07	62-44-2	
Phenanthrene	**5.1U**	ug/L	48.7	5.1	10	02/17/10 21:35	03/13/10 01:07	85-01-8	J(L2)
Phenol	**5.3U**	ug/L	48.7	5.3	10	02/17/10 21:35	03/13/10 01:07	108-95-2	D3
p-Phenylenediamine	**10.0U**	ug/L	20.0	10.0	10	02/17/10 21:35	03/13/10 01:07	106-50-3	
Pronamide	**11.0U**	ug/L	48.7	11.0	10	02/17/10 21:35	03/13/10 01:07	23950-58-5	
Pyrene	**6.6U**	ug/L	48.7	6.6	10	02/17/10 21:35	03/13/10 01:07	129-00-0	
Safrole	**8.3U**	ug/L	48.7	8.3	10	02/17/10 21:35	03/13/10 01:07	94-59-7	
1,2,4,5-Tetrachlorobenzene	**6.8U**	ug/L	48.7	6.8	10	02/17/10 21:35	03/13/10 01:07	95-94-3	
2,3,4,6-Tetrachlorophenol	**37.5U**	ug/L	48.7	37.5	10	02/17/10 21:35	03/13/10 01:07	58-90-2	

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www.pacelabs.com

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8 East Tower Circle
Ormond Beach, FL 32174
(386)672-5668

ANALYTICAL RESULTS

Project: West Pasco Class III LF
Pace Project No.: 357280

Sample: LEACHATE TANK #2 **Lab ID: 357280008** Collected: 02/10/10 14:30 Received: 02/12/10 14:00 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV SemiVOA App. II	Analytical Method: EPA 8270 Preparation Method: EPA 3510								
Thionazin	**5.9U**	ug/L	48.7	5.9	10	02/17/10 21:35	03/13/10 01:07	297-97-2	
O-Toluidine	**10.4U**	ug/L	48.7	10.4	10	02/17/10 21:35	03/13/10 01:07	95-53-4	
2,4,5-Trichlorophenol	**5.1U**	ug/L	39.0	5.1	10	02/17/10 21:35	03/13/10 01:07	95-95-4	
2,4,6-Trichlorophenol	**6.7U**	ug/L	19.5	6.7	10	02/17/10 21:35	03/13/10 01:07	88-06-2	
1,3,5-Trinitrobenzene	**11.9U**	ug/L	48.7	11.9	10	02/17/10 21:35	03/13/10 01:07	99-35-4	J(M0)
Nitrobenzene-d5 (S)	48	%	10-110		10	02/17/10 21:35	03/13/10 01:07	4165-60-0	
2-Fluorobiphenyl (S)	63	%	18-110		10	02/17/10 21:35	03/13/10 01:07	321-60-8	
Terphenyl-d14 (S)	77	%	10-123		10	02/17/10 21:35	03/13/10 01:07	1718-51-0	
Phenol-d6 (S)	23	%	10-110		10	02/17/10 21:35	03/13/10 01:07	13127-88-3	
2-Fluorophenol (S)	28	%	18-110		10	02/17/10 21:35	03/13/10 01:07	367-12-4	
2,4,6-Tribromophenol (S)	65	%	10-110		10	02/17/10 21:35	03/13/10 01:07	118-79-6	
8260 MSV	Analytical Method: EPA 8260								
Acetone	**6.5 I**	ug/L	10.0	5.0	1		02/24/10 21:47	67-64-1	
Acetonitrile	**5.0U**	ug/L	10.0	5.0	1		02/24/10 21:47	75-05-8	
Acrolein	**10.0U**	ug/L	20.0	10.0	1		02/24/10 21:47	107-02-8	J(L1)
Acrylonitrile	**5.0U**	ug/L	10.0	5.0	1		02/24/10 21:47	107-13-1	
Allyl chloride	**0.50U**	ug/L	1.0	0.50	1		02/24/10 21:47	107-05-1	
Benzene	**0.63 I**	ug/L	1.0	0.50	1		02/24/10 21:47	71-43-2	
Bromochloromethane	**0.50U**	ug/L	1.0	0.50	1		02/24/10 21:47	74-97-5	
Bromodichloromethane	**0.27U**	ug/L	0.60	0.27	1		02/24/10 21:47	75-27-4	
Bromoform	**0.50U**	ug/L	1.0	0.50	1		02/24/10 21:47	75-25-2	
Bromomethane	**0.50U**	ug/L	1.0	0.50	1		02/24/10 21:47	74-83-9	
2-Butanone (MEK)	**5.0U**	ug/L	10.0	5.0	1		02/24/10 21:47	78-93-3	
Carbon disulfide	**0.50U**	ug/L	1.0	0.50	1		02/24/10 21:47	75-15-0	
Carbon tetrachloride	**0.50U**	ug/L	1.0	0.50	1		02/24/10 21:47	56-23-5	
Chlorobenzene	**2.8**	ug/L	1.0	0.50	1		02/24/10 21:47	108-90-7	
Chloroethane	**0.50U**	ug/L	1.0	0.50	1		02/24/10 21:47	75-00-3	
2-Chloroethylvinyl ether	**0.50U**	ug/L	1.0	0.50	1		02/24/10 21:47	110-75-8	
Chloroform	**0.50U**	ug/L	1.0	0.50	1		02/24/10 21:47	67-66-3	
Chloromethane	**0.62U**	ug/L	1.0	0.62	1		02/24/10 21:47	74-87-3	
Chloroprene	**0.50U**	ug/L	1.0	0.50	1		02/24/10 21:47	126-99-8	
Dibromochloromethane	**0.26U**	ug/L	0.50	0.26	1		02/24/10 21:47	124-48-1	
Dibromomethane	**0.50U**	ug/L	1.0	0.50	1		02/24/10 21:47	74-95-3	
trans-1,4-Dichloro-2-butene	**5.0U**	ug/L	10.0	5.0	1		02/24/10 21:47	110-57-6	
Dichlorodifluoromethane	**0.50U**	ug/L	1.0	0.50	1		02/24/10 21:47	75-71-8	
1,1-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		02/24/10 21:47	75-34-3	
1,2-Dichloroethane	**0.50U**	ug/L	1.0	0.50	1		02/24/10 21:47	107-06-2	
1,1-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		02/24/10 21:47	75-35-4	J(L1)
cis-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		02/24/10 21:47	156-59-2	
trans-1,2-Dichloroethene	**0.50U**	ug/L	1.0	0.50	1		02/24/10 21:47	156-60-5	
1,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		02/24/10 21:47	78-87-5	
1,3-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		02/24/10 21:47	142-28-9	
2,2-Dichloropropane	**0.50U**	ug/L	1.0	0.50	1		02/24/10 21:47	594-20-7	
1,1-Dichloropropene	**0.50U**	ug/L	1.0	0.50	1		02/24/10 21:47	563-58-6	
cis-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		02/24/10 21:47	10061-01-5	

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Pace Analytical Services, Inc.
8 East Tower Circle
Ormond Beach, FL 32174
(386)672-5668

ANALYTICAL RESULTS

Project: West Pasco Class III LF
Pace Project No.: 357280

Sample: LEACHATE TANK #2 **Lab ID: 357280008** Collected: 02/10/10 14:30 Received: 02/12/10 14:00 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
trans-1,3-Dichloropropene	**0.25U**	ug/L	0.50	0.25	1		02/24/10 21:47	10061-02-6	
Ethylbenzene	**1.0**	ug/L	1.0	0.50	1		02/24/10 21:47	100-41-4	
Ethyl methacrylate	**0.50U**	ug/L	1.0	0.50	1		02/24/10 21:47	97-63-2	
Hexachloro-1,3-butadiene	**0.50U**	ug/L	1.0	0.50	1		02/24/10 21:47	87-68-3	
2-Hexanone	**5.0U**	ug/L	10.0	5.0	1		02/24/10 21:47	591-78-6	
Iodomethane	**0.50U**	ug/L	1.0	0.50	1		02/24/10 21:47	74-88-4	
Isobutyl Alcohol	**10.0U**	ug/L	20.0	10.0	1		02/24/10 21:47	78-83-1	
Methacrylonitrile	**5.0U**	ug/L	10.0	5.0	1		02/24/10 21:47	126-98-7	
Methylene Chloride	**2.5U**	ug/L	5.0	2.5	1		02/24/10 21:47	75-09-2	
Methyl methacrylate	**5.0U**	ug/L	10.0	5.0	1		02/24/10 21:47	80-62-6	
4-Methyl-2-pentanone (MIBK)	**5.0U**	ug/L	10.0	5.0	1		02/24/10 21:47	108-10-1	
Methyl-tert-butyl ether	**0.50U**	ug/L	1.0	0.50	1		02/24/10 21:47	1634-04-4	
Propionitrile	**5.0U**	ug/L	10.0	5.0	1		02/24/10 21:47	107-12-0	
Styrene	**0.50U**	ug/L	1.0	0.50	1		02/24/10 21:47	100-42-5	
1,1,1,2-Tetrachloroethane	**0.50U**	ug/L	1.0	0.50	1		02/24/10 21:47	630-20-6	
1,1,2,2-Tetrachloroethane	**0.18U**	ug/L	0.50	0.18	1		02/24/10 21:47	79-34-5	
Tetrachloroethene	**0.50U**	ug/L	1.0	0.50	1		02/24/10 21:47	127-18-4	
Toluene	**1.6**	ug/L	1.0	0.50	1		02/24/10 21:47	108-88-3	
1,2,4-Trichlorobenzene	**0.50U**	ug/L	1.0	0.50	1		02/24/10 21:47	120-82-1	
1,1,1-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		02/24/10 21:47	71-55-6	
1,1,2-Trichloroethane	**0.50U**	ug/L	1.0	0.50	1		02/24/10 21:47	79-00-5	
Trichloroethene	**0.50U**	ug/L	1.0	0.50	1		02/24/10 21:47	79-01-6	
Trichlorofluoromethane	**0.50U**	ug/L	1.0	0.50	1		02/24/10 21:47	75-69-4	
1,2,3-Trichloropropane	**0.36U**	ug/L	0.50	0.36	1		02/24/10 21:47	96-18-4	
Vinyl acetate	**1.0U**	ug/L	2.0	1.0	1		02/24/10 21:47	108-05-4	
Vinyl chloride	**0.50U**	ug/L	1.0	0.50	1		02/24/10 21:47	75-01-4	
Xylene (Total)	**6.4**	ug/L	1.0	0.50	1		02/24/10 21:47	1330-20-7	
4-Bromofluorobenzene (S)	105	%	70-114		1		02/24/10 21:47	460-00-4	1p
Dibromofluoromethane (S)	104	%	88-117		1		02/24/10 21:47	1868-53-7	
1,2-Dichloroethane-d4 (S)	103	%	86-125		1		02/24/10 21:47	17060-07-0	
Toluene-d8 (S)	105	%	87-113		1		02/24/10 21:47	2037-26-5	
9012 Cyanide, Total	Analytical Method: EPA 9012 Preparation Method: EPA 9012								
Cyanide	**0.022**	mg/L	0.010	0.0050	1	02/22/10 02:45	02/24/10 14:55	57-12-5	

REPORT OF LABORATORY ANALYSIS

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PART III ANALYTICAL RESULTS

Facility GMS #: 4051M30035

Site: West Pasco Class III Landfill Hays Road

Test Site ID #: N/A

Sampling Date/Time: 02/10/2010

Well Name: Tank #2

Report Period: 2010 Quarter I

Classification of Groundwater: NA

Well Purged: YES

Groundwater Elevation (NGVD): N/A

Well Type:

Storet Code	Parameter Monitored	Sampling Method	Field Filtered (Y/N)	Analysis Method	Analysis Date/Time	Analysis Results	Analysis Units	Detection Limits	Detection Units
000620	Nitrate	Well Wizard Ded. Mon. System	No	SM 4500NO_3F	02/11/10 8:00	<0.02	mg/L	0.02	mg/L
000940	Chloride	"	No	SM 4500Cl-B	02/15/10 12:00	169	mg/L	0.15	mg/L
000400	pH-Field	"	No	SM 4500H + B	02/10/10 14:30	7.31	Std. Units	0.01	Std. Units
070300	Total Dis. Solids	"	No	SM 2540C	02/12/10 16:45	1740	mg/L	17.3	mg/L
000344	Dissolved Oxygen	"	No	SM 4500 O G	02/10/10 14:30	3.75	mg/L	0.01	mg/L
000410	Bicarbonate	"	No	SM 2320B	02/17/10 8:30	1616	mg/L	1	mg/L
000095	Specific Cond. (Field)	"	No	SM 2510B	02/10/10 14:30	2450	µmhos/cm	0.00	µmhos/cm
000010	Temperature (Field)	"	No	SM 2550B	02/10/10 14:30	16.40	°C	0	°C
000610	Ammonia	"	No	SM 4500NH_3B	02/12/10 8:30	97.5	mg/L	0.03	mg/L
900216	Color	"	No	SM 2120B	02/10/10 14:30	ORANGE	PCU	0.0	PCU
001045	Iron	"	No	SM 3113B	02/11/10 10:40	4.52	mg/L	0.002	mg/L
000929	Sodium	"	No	SM 3111B	02/11/10 10:40	515	mg/L	0.01	mg/L
071900	Mercury	"	No	SM 3112B	02/12/10 10:00	<0.0002	mg/L	0.0005	mg/L

PART III ANALYTICAL RESULTS

Facility GMS #: 4051M30035

Site: West Pasco Class III Landfill Hays Road

Test Site ID #: N/A

Sampling Date/Time: 02/10/2010 @ 13:20

Well Name: Tank #1

Report Period: 2010 Quarter I

Classification of Groundwater: NA

Well Purged: YES

Groundwater Elevation (NGVD): N/A

Well Type:

Storet Code	Parameter Monitored	Sampling Method	Field Filtered (Y/N)	Analysis Method	Analysis Date/Time	Analysis Results	Analysis Units	Detection Limits	Detection Units
000620	Nitrate	Well Wizard Ded. Mon. System	No	SM 4500NO_3F	02/11/10 8:00	<0.02	mg/L	0.02	mg/L
000940	Chloride	"	No	SM 4500Cl-B	02/15/10 12:00	208	mg/L	0.15	mg/L
000400	pH-Field	"	No	SM 4500H + B	02/10/10 13:20	6.91	Std. Units	0.01	Std. Units
070300	Total Dis. Solids	"	No	SM 2540C	02/12/10 16:45	2050	mg/L	17.3	mg/L
000344	Dissolved Oxygen	"	No	SM 4500 O G	02/10/10 13:20	0.05	mg/L	0.01	mg/L
000410	Bicarbonate	"	No	SM 2320B	02/17/10 8:30	1386	mg/L	1	mg/L
000095	Specific Cond. (Field)	"	No	SM 2510B	02/10/10 13:20	2980	µmhos/cm	0.00	µmhos/cm
000010	Temperature (Field)	"	No	SM 2550B	02/10/10 13:20	19.23	° C	0	° C
000610	Ammonia	"	No	SM 4500NH_3B	02/12/10 8:30	64.0	mg/L	0.03	mg/L
900216	Color	"	No	SM 2120B	02/10/10 13:20	CLOUDY	PCU	0.0	PCU
001045	Iron	"	No	SM 3113B	02/11/10 10:40	<0.002	mg/L	0.002	mg/L
000929	Sodium	"	No	SM 3111B	02/11/10 10:40	176	mg/L	0.01	mg/L
071900	Mercury	"	No	SM 3112B	02/12/10 10:00	<0.0002	mg/L	0.0005	mg/L

357948

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CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Page: of 1317001

Section A Required Client Information:	Section B Required Project Information:	Section C Invoice Information:
Company: Pasco County Env. Lab	Report To: Candia Mulhern	Attention:
Address: 8661 Government Dr.	Copy To:	Company Name:
NPR, FL 34654		Address:
Email To:	Purchase Order No.:	Pace Quote Reference:
Phone: 727-847-8092 Fax:	Project Name: W. Pasco Cl. III Leachate	Pace Project Manager:
Requested Due Date/TAT:	Project Number:	Pace Profile #:

REGULATORY AGENCY

☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER
☐ UST ☐ RCRA ☐ OTHER _____

Site Location STATE:

Section D Required Client Information

SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE

Matrix Codes (MATRIX / CODE): Drinking Water DW; Water WT; Waste Water WW; Product P; Soil/Solid SL; Oil OL; Wipe WP; Air AR; Tissue TS; Other OT

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED: COMPOSITE START DATE	COMPOSITE START TIME	COMPOSITE END/GRAB DATE	COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test: Y/N	Analysis Test: Sulfide	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	Tank 1 @ W. Pasco Cl. III	OT	G	—	—	2/23/10	0955	—	1								X	Y	+		
2																					
3																					
4																					
5																					
6																					
7																					
8																					
9																					
10																					
11																					
12																					

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
	Ken Foote	2/4/10	930		2/23/10	0700	
		2/23/10	15:40	ICS	02/23/10	15:40	
		2-23-10	1610		2-23-10	1610	
		2-24-10	0940		2/24/10	1340	7.8

Temp in °C: 7.8 | Received on Ice (Y/N): Y | Custody Sealed Cooler (Y/N): N | Samples Intact (Y/N): Y

ORIGINAL

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Wilfred Martinez

SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 02/23/10

*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.

PASCO COUNTY ENVIRONMENTAL LAB
FIELD PARAMETER DATA SHEET FOR LEACHATE SAMPLING

PROJECT/SURVEY	SAMPLER(S)	METER #
WEST PASCO CLASS III LANDFILL	Wilfred Martfeld	3

TANK NUMBER	STATION DESCRIPTION	PARAMETER	DATE	TIME	TANK DEPTH	SAMPLE DEPTH	PH	TEMP.	COND	D.O.	TURB	COLOR	SHEENS
		UNIT	DAY-MONTH	24hr	FEET	FEET	STD. UNITS	CELSIOUS	us/cm	MG/L	NTU	(OBS.)	(OBS.)
TANK-2	LEACHATE TANK		02/10/10	1430	UNK	1.0	7.31	16.40	2450	3.75	156.00	AMBER	NONE

REMARKS: APP. I&II SAMPLED.

# CONTAINERS	MATERIAL CODE	VOLUME (ML)	PRESERVATIVE USED	ml ADDED	FINAL PH	INTENDED ANALYSIS and/or METHOD	BOTTLE DATE	BOTTLE SERIES
1	PE	250	NONE	NONE	N/A	CL,TDS,BiCarb, cold	1/15/10	01
1	PE	250	H2SO4	1	<2	NH3-NO3	1/22/10	06
1	PE	500	HNO3	2	<2	METALS	11/25/09	07

NOTE: This sheet is used for recording Sample Data - Calibration Information must also be documented (see FT 1100, sec. 4)

PASCO COUNTY ENVIRONMENTAL LAB
FIELD PARAMETER DATA SHEET FOR LEACHATE SAMPLING

PROJECT/SURVEY	SAMPLER(S)	METER #
WEST PASCO CLASS III LANDFILL	Wilfred Martfeld	3

TANK NUMBER	STATION DESCRIPTION	PARAMETER	DATE	TIME	TANK DEPTH	SAMPLE DEPTH	PH	TEMP	COND.	D.O.	TURB	COLOR	SHEENS
		UNIT	DAY-MONTH	24hr	FEET	FEET	STD. UNITS	CELSIOUS	us/cm	MG/L	NTU	(OBS.)	(OBS.)
TANK-1	LEACHATE TANK		02/10/10	1320	UNK	1.0	6.91	19.23	2980	0.05	102.00	YELLOW	NONE

REMARKS: APP. I&II SAMPLED.

# CONTAINERS	MATERIAL CODE	VOLUME (ML)	PRESERVATIVE USED	ml ADDED	FINAL PH	INTENDED ANALYSIS and/or METHOD	BOTTLE DATE	BOTTLE SERIES
1	PE	250	NONE	NONE	N/A	CL,TDS,BiCarb,colo	1/28/10	01
1	PE	250	H2SO4	1	<2	NH3-NO3	2/3/10	03
1	PE	500	HNO3	2	<2	METALS	2/2/10	03

NOTE: This sheet is used for recording Sample Data - Calibration information must also be documented (see FT 1100, sec. 4)