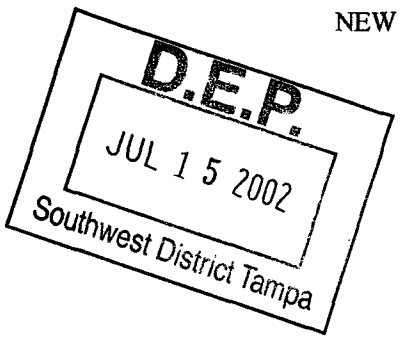
PASCO COUNTY, FLORIDA

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

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

02 July 2002



Mr. John Morris
Waste Management Section
Florida Department of
Environmental Protection
3804 Coconut Palm Drive
Tampa, Florida 33619

RE: West Pasco Class III Landfill
Leachate Monitoring
Semester I, 2002

Dear Mr. Morris:

Enclosed please find the analytical results for the parameters listed in 62-701(8)(c) Florida Administrative Code conducted on the two leachate tanks at the West Pasco Class III Landfill. These results are submitted for the first semester sampling period (Jan-Jun).

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

Sincerely,

Candia E. Mulhern
Laboratory Manager

Enc.: 1
cc: Chongman Lee, Florida Department of Environmental Protection, Waste Management Section, Twin Towers Bldg., 2600 Blair Stone Road, Tallahassee, Florida 32399-2400
Douglas S. Bramlett, Assistant County Administrator (Utilities Services)
Robert J. Sigmond, Utilities Fiscal Services/Special Projects Director
John Power, Solid Waste Facility Manager

PART III ANALYTICAL RESULTS

Facility GMS #: 4051M30035 Sampling Date/Time: 05/21/02 @ 1500

Test Site ID #: NA Report Period: 2002 / Quarter II (year/quarter)

Well Name: Tank #1 Well Purged (Y/N): YES

Classification of Groundwater: NA Well Type: ( ) Background ( ) Intermediate ( ) Compliance ( ) Other

Groundwater Elevation (NGVD): _____

or (MSL): _____

D.E.P. JUL 15 2002 Southwest District Tampa

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	*Analysis Results/Units		Detection Limits/Units	
000620	Nitrate	Well Wiz. Ded. Mon. System	No	SM 4500NO_3F	05/22/02 0830	0.16	mg/L	0.11	mg/L
000940	Chloride	"	"	SM 4500Cl-B	05/28/02 1200	35.5	mg/L	0.15	mg/L
000400	pH-Field	"	"	SM 4500H+B	05/21/02 1500	7.83	Std. Units	0.01	Std. Units
070300	Total Dis. Solids	"	"	SM 2540C	05/22/02 1630	480	mg/L	1	mg/L
000344	Dissolved Oxygen	"	"	SM 4500 O G	05/21/02 1500	0.10	mg/L	0.01	mg/L
000410	Bicarbonate	"	"	SM 2320B	05/28/02 1300	229	mg/L	1	mg/L
000095	Specific Cond. (Field)	"	"	SM 2510B	05/21/02 1500	830	µmhos/cm	0.00	µmhos/cm
000010	Temperature (Field)	"	"	SM 2550B	05/21/02 1500	26.60	°C	0	°C
000610	Ammonia	"	"	SM 4500NH_3B	05/23/02 0800	2.94	mg/L	0.03	mg/L
900216	Color	"	"	SM 2120B	05/21/02 1500	Clear	PCU	0.0	PCU
001045	Iron	"	"	SM 3113B	05/24/02 1200	0.63	mg/L	0.001	mg/L
000929	Sodium	"	"	SM 3111B	05/24/02 1220	44.2	mg/L	0.01	mg/L
071900	Mercury	"	"	SM 3112B	05/29/02 0945	<0.0005	mg/L	0.0002	mg/L
000612	NH_4-N	"	"	DEP SOP	06/05/02 0900	0.147	mg/L	0.02	mg/L

*Attach Laboratory Reports

mo/g071029(1)

FLOWERS CHEMICAL LABORATORIES, INC.

P.O. Box 150-597, Altamonte Springs, FL 32715-0597
(407) 339-5984

Facility GMS#: _____

Test Site ID#: _____

Sample Date: 05-21-02
Sample Time: 1500
Report Period: _____

Well Name: TANK-1

FCL Sample ID: 11749

Well Purged (Y/N): _____

Clasification of Groundwater: G-II

Well Type: [ ] Background
[ ] Intermediate
[ ] Compliance
[ ] Other

Ground Water Elevation (NGVD) or (MSL): _____

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Results/Units		Detection Limits/Units	
00720	Cyanide	G	N	EPA335.2	05/30/2002 12:36	<0.01U	mg/L	0.01	mg/L
00745	Hydrogen Sulfide	G	N	EPA376.1	05/27/2002 12:36	1.55	mg/L	0.5	mg/L
01077	Silver	G	N	EPA6020	05/23/2002 08:00	<0.001U	mg/L	0.001	mg/L
01002	Arsenic	G	N	EPA6020	05/23/2002 08:00	0.0217	mg/L	0.001	mg/L
01007	Barium 2 MSL	G	N	EPA6020	05/23/2002 08:00	0.0432	mg/L	0.002	mg/L
01012	Beryllium	G	N	EPA6020	05/23/2002 08:00	<0.001U	mg/L	0.001	mg/L
01034	Cadmium	G	N	EPA6020	05/23/2002 08:00	<0.001U	mg/L	0.001	mg/L
01042	Cobalt	G	N	EPA6020	05/23/2002 08:00	<0.001U	mg/L	0.001	mg/L
01067	Chromium	G	N	EPA6020	05/23/2002 08:00	0.0163	mg/L	0.001	mg/L
01051	Copper	G	N	EPA6020	05/23/2002 08:00	<0.01U	mg/L	0.01	mg/L
01097	Mercury	G	N	EPA7470	05/28/2002 00:00	<0.0002U	mg/L	0.0002	mg/L
01147	Lead	G	N	EPA6020	05/23/2002 08:00	<0.001U	mg/L	0.001	mg/L
01059	Nickel	G	N	EPA6020	05/23/2002 08:00	<0.001U	mg/L	0.001	mg/L
01087	Antimony	G	N	EPA6020	05/23/2002 08:00	<0.001U	mg/L	0.001	mg/L
01092	Selenium	G	N	EPA6020	05/23/2002 08:00	<0.002U	mg/L	0.002	mg/L
081552	Tin	G	N	EPA6020	05/23/2002 08:00	<0.005U	mg/L	0.005	mg/L
034215	Thallium	G	N	EPA6020	05/23/2002 08:00	<0.001U	mg/L	0.001	mg/L
034030	Vanadium 0.049	G	N	EPA6020	05/23/2002 08:00	0.00269	mg/L	0.001	mg/L
081555	Zinc	G	N	EPA6020	05/23/2002 08:00	<0.01U	mg/L	0.01	mg/L
034506	1,1,1-trichloroethane	G	N	EPA8260	05/29/2002 08:00	<1U	ug/L	1	ug/L
077562	1,1,1,2-tetrachloroethan	G	N	EPA8260	05/29/2002 08:00	<1U	ug/L	1	ug/L
034516	1,1,2,2-tetrachloroethan	G	N	EPA8260	05/29/2002 08:00	<1U	ug/L	1	ug/L
034511	1,1,2-trichloroethane	G	N	EPA8260	05/29/2002 08:00	<1U	ug/L	1	ug/L
034496	1,1-dichloroethane	G	N	EPA8260	05/29/2002 08:00	<1U	ug/L	1	ug/L

FLOWERS CHEMICAL LABORATORIES, INC.

P.O. Box 150-597, Altamonte Springs, FL 32715-0597
(407) 339-5984

Facility GMS#: _____

Test Site ID#: _____

Sample Date: 05-21-02
Sample Time: 1500
Report Period: _____

Well Name: TANK-1

FCL Sample ID: 11749

Well Purged (Y/N): _____

Clasification of Groundwater: G-II

Well Type: [ ] Background
[ ] Intermediate
[ ] Compliance
[ ] Other

Ground Water Elevation (NGVD) or (MSL): _____

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Results/Units	Detection Limits/Units
034501	1,1-dichloroethene	G	N	EPA8260	05/29/2002 08:00	<1U ug/L	1 ug/L
034531	1,2-dichloroethane	G	N	EPA8260	05/29/2002 08:00	<1U ug/L	1 ug/L
034531	1,2-dichloroethene	G	N	EPA8260	05/29/2002 08:00	<1U ug/L	1 ug/L
077093	cis-1,2-dichloroethene	G	N	EPA8260	05/29/2002 08:00	<1U ug/L	1 ug/L
034546	t-1,2-dichloroethene	G	N	EPA8260	05/29/2002 08:00	<1U ug/L	1 ug/L
034561	1,3-dichloropropane	G	N	EPA8260	05/29/2002 08:00	<1U ug/L	1 ug/L
077170	2,2-dichloropropane	G	N	EPA8260	05/29/2002 08:00	<1U ug/L	1 ug/L
034541	1,2-dichloropropane	G	N	EPA8260	05/29/2002 08:00	<1U ug/L	1 ug/L
034551	1,2,4-Trichlorobenzene	G	N	EPA8260	05/29/2002 08:00	<1U ug/L	1 ug/L
077297	Bromochloromethane	G	N	EPA8260	05/29/2002 08:00	<1U ug/L	1 ug/L
032101	Bromodichloromethane	G	N	EPA8260	05/29/2002 08:00	<1U ug/L	1 ug/L
032104	Bromoform	G	N	EPA8260	05/29/2002 08:00	<1U ug/L	1 ug/L
034413	Bromomethane	G	N	EPA8260	05/29/2002 08:00	<1U ug/L	1 ug/L
034704	cis-1,3-dichloropropene	G	N	EPA8260	05/29/2002 08:00	<1U ug/L	1 ug/L
032102	Carbon tetrachloride	G	N	EPA8260	05/29/2002 08:00	<1U ug/L	1 ug/L
034301	Chlorobenzene	G	N	EPA8260	05/29/2002 08:00	<1U ug/L	1 ug/L
034311	Chloroethane	G	N	EPA8260	05/29/2002 08:00	<1U ug/L	1 ug/L
032106	Chloroform	G	N	EPA8260	05/29/2002 08:00	<1U ug/L	1 ug/L
034418	Chloromethane	G	N	EPA8260	05/29/2002 08:00	<1U ug/L	1 ug/L
081521	Dibromochloromethane	G	N	EPA8260	05/29/2002 08:00	<1U ug/L	1 ug/L
034668	Dichlorodifluoromethane	G	N	EPA8260	05/29/2002 08:00	<1U ug/L	1 ug/L
077033	Isobutyl alcohol	G	N	EPA8260	05/29/2002 08:00	<1U ug/L	1 ug/L
034423	Methylene chloride	G	N	EPA8260	05/29/2002 08:00	<1U ug/L	1 ug/L
034699	trans-1,3,-dichloroprope	G	N	EPA8260	05/29/2002 08:00	<1U ug/L	1 ug/L
034475	Tetrachloroethene	G	N	EPA8260	05/29/2002 08:00	<1U ug/L	1 ug/L

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P.O. Box 150-597, Altamonte Springs, FL 32715-0597
(407) 339-5984

Facility GMS#: _____

Test Site ID#: _____

Sample Date: 05-21-02
Sample Time: 1500
Report Period: _____

Well Name: TANK-1
FCL Sample ID: 11749

Well Purged (Y/N): _____

Clasification of Groundwater: G-II

Well Type: [ ] Background
[ ] Intermediate
[ ] Compliance
[ ] Other

Ground Water Elevation (NGVD) or (MSL): _____

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Results/Units	Detection Limits/Units
034488	Trichlorofluoromethane	G	N	EPA8260	05/29/2002 08:00	<1U ug/L	1 ug/L
039180	Trichloroethene	G	N	EPA8260	05/29/2002 08:00	<1U ug/L	1 ug/L
039175	Vinyl chloride	G	N	EPA8260	05/29/2002 08:00	<1U ug/L	1 ug/L
034536	o-dichlorobenzene	G	N	EPA8260	05/29/2002 08:00	<1U ug/L	1 ug/L
034566	m-dichlorobenzene	G	N	EPA8260	05/29/2002 08:00	<1U ug/L	1 ug/L
034571	Para-dichlorobenzene	G	N	EPA8260	05/29/2002 08:00	<1U ug/L	1 ug/L
034030	Benzene	G	N	EPA8260	05/29/2002 08:00	<1U ug/L	1 ug/L
034371	Ethylbenzene	G	N	EPA8260	05/29/2002 08:00	<1U ug/L	1 ug/L
077128	Styrene	G	N	EPA8260	05/29/2002 08:00	<1U ug/L	1 ug/L
034010	Toluene	G	N	EPA8260	05/29/2002 08:00	<1U ug/L	1 ug/L
081551	Xylene	G	N	EPA8260	05/29/2002 08:00	<1U ug/L	1 ug/L
034696	Naphthalene	G	N	EPA8260	05/29/2002 08:00	<1U ug/L	1 ug/L
081552	Acetone	G	N	EPA8260	05/29/2002 08:00	<5U ug/L	5 ug/L
081595	2-butanone	G	N	EPA8260	05/29/2002 08:00	<1U ug/L	1 ug/L
077041	Carbon disulfide	G	N	EPA8260	05/29/2002 08:00	<1U ug/L	1 ug/L
077103	2-Hexanone	G	N	EPA8260	05/29/2002 08:00	<1U ug/L	1 ug/L
077424	Methyl_iodide	G	N	EPA8260	05/29/2002 08:00	<1U ug/L	1 ug/L
081596	4-methlyl-2-pentanone	G	N	EPA8260	05/29/2002 08:00	<1U ug/L	1 ug/L
077057	Vinyl acetate	G	N	EPA8260	05/29/2002 08:00	<5U ug/L	5 ug/L
077443	1,2,3-Trichloropropane	G	N	EPA8260	05/29/2002 08:00	<1U ug/L	1 ug/L
081593	Methacrylonitrile	G	N	EPA8260	05/29/2002 08:00	<5U ug/L	5 ug/L
081520	Chloroprene	G	N	EPA8260	05/29/2002 08:00	<5U ug/L	5 ug/L
073570	Ethyl Methacrylate	G	N	EPA8260	05/29/2002 08:00	<5U ug/L	5 ug/L
081597	Methyl Methacrylate	G	N	EPA8260	05/29/2002 08:00	<2U ug/L	2 ug/L
081522	Methylene bromide	G	N	EPA8260	05/29/2002 08:00	<1U ug/L	1 ug/L

FLOWERS CHEMICAL LABORATORIES, INC.

P.O. Box 150-597, Altamonte Springs, FL 32715-0597
(407) 339-5984

Facility GMS#: _____

Test Site ID#: _____

Well Name: TANK-1

FCL Sample ID: 11749

Clasification of Groundwater: G-II

Ground Water Elevation (NGVD) or (MSL): _____

Sample Date: 05-21-02

Sample Time: 1500

Report Period: _____

Well Purged (Y/N): _____

Well Type: [ ] Background
[ ] Intermediate
[ ] Compliance
[ ] Other

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Results/Units		Detection Limits/Units	
039080	Propionitrile	G	N	EPA8260	05/29/2002 08:00	<10U	ug/L	10	ug/L
073547	t-1,4-dichloro-2-butene	G	N	EPA8260	05/29/2002 08:00	<1U	ug/L	1	ug/L
082625	1,2-dibromo-3-chloropro	G	N	EPA8260	05/29/2002 08:00	<1U	ug/L	1	ug/L
077651	1,2-dibromoethane	G	N	EPA8260	05/29/2002 08:00	<1U	ug/L	1	ug/L
077168	1,1-dichloropropene	G	N	EPA8260	05/29/2002 08:00	<1U	ug/L	1	ug/L
034215	Acetonitrile	G	N	EPA8260	05/29/2002 08:00	<10U	ug/L	10	ug/L
034210	Acrolein	G	N	-	05/29/2002 08:00	-	ug/L	-	ug/L
034215	Acrylonitrile	G	N	-	05/29/2002 08:00	<5U	ug/L	5	ug/L
078109	Allyl chloride	G	N	EPA8260	05/29/2002 08:00	<10U	ug/L	10	ug/L
034591	2-Nitrophenol	G	N	EPA8270	05/28/2002 08:00	<2U	ug/L	2	ug/L
034552	4-Chloro-3-methylpheno	G	N	EPA8270	05/28/2002 08:00	<2U	ug/L	2	ug/L
034621	2,4,6-trichlorophenol	G	N	EPA8270	05/28/2002 08:00	<2U	ug/L	2	ug/L
034601	2,4-Dichlorophenol	G	N	EPA8270	05/28/2002 08:00	<2U	ug/L	2	ug/L
034606	2,4-Dimethylphenol	G	N	EPA8270	05/28/2002 08:00	<2U	ug/L	2	ug/L
034616	2,4-Dinitrophenol	G	N	EPA8270	05/28/2002 08:00	<5U	ug/L	5	ug/L
034586	2-Chlorophenol	G	N	EPA8270	05/28/2002 08:00	<2U	ug/L	2	ug/L
034657	2-methyl-4,6-dinitophen	G	N	EPA8270	05/28/2002 08:00	<2U	ug/L	2	ug/L
034646	4-Nitrophenol	G	N	EPA8270	05/28/2002 08:00	<5U	ug/L	5	ug/L
039032	Pentachlorophenol	G	N	EPA8270	05/28/2002 08:00	<2U	ug/L	2	ug/L
034466	Phenol	G	N	EPA8270	05/28/2002 08:00	<2U	ug/L	2	ug/L
034631	3,3'-Dichlrbenzidene	G	N	EPA8270	05/28/2002 08:00	<2U	ug/L	2	ug/L
039100	Bis(2-ethylhexyl)phthala	G	N	EPA8270	05/28/2002 08:00	<3U	ug/L	3	ug/L
034292	Butyl benzyl phthalate	G	N	EPA8270	05/28/2002 08:00	<3U	ug/L	3	ug/L
039110	Di-n-butylphthalate	G	N	EPA8270	05/28/2002 08:00	<3U	ug/L	3	ug/L
034336	Diethylphthalate	G	N	EPA8270	05/28/2002 08:00	<3U	ug/L	3	ug/L

FLOWERS CHEMICAL LABORATORIES, INC.

P.O. Box 150-597, Altamonte Springs, FL 32715-0597
(407) 339-5984

Facility GMS#: _____

Test Site ID#: _____

Sample Date: 05-21-02
Sample Time: 1500
Report Period: _____

Well Name: TANK-1

FCL Sample ID: 11749

Well Purged (Y/N): _____

Clasification of Groundwater: G-II

Well Type: [ ] Background
[ ] Intermediate
[ ] Compliance
[ ] Other

Ground Water Elevation (NGVD) or (MSL): _____

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Results/Units	Detection Limits/Units
034341	Dimethylphthalate	G	N	EPA8270	05/28/2002 08:00	<3U ug/L	3 ug/L
034596	Dioctylphthalate	G	N	EPA8270	05/28/2002 08:00	<3U ug/L	3 ug/L
034438	N-Nitrsdimethylamine	G	N	EPA8270	05/28/2002 08:00	<2U ug/L	2 ug/L
034433	N-Nitrsdiphenylamine	G	N	EPA8270	05/28/2002 08:00	<2U ug/L	2 ug/L
034428	N-Ntrsdi-n-prpylmine	G	N	EPA8270	05/28/2002 08:00	<2U ug/L	2 ug/L
034611	2,4-Dinitrotoluene	G	N	EPA8270	05/28/2002 08:00	<2U ug/L	2 ug/L
034626	2,6-Dinitrotoluene	G	N	EPA8270	05/28/2002 08:00	<2U ug/L	2 ug/L
034408	Isophorone	G	N	EPA8270	05/28/2002 08:00	<2U ug/L	2 ug/L
034447	Nitrobenzene	G	N	EPA8270	05/28/2002 08:00	<2U ug/L	2 ug/L
034200	Acenaphthylene	G	N	EPA8270	05/28/2002 08:00	<2U ug/L	2 ug/L
034205	Acenaphthene	G	N	EPA8270	05/28/2002 08:00	<2U ug/L	2 ug/L
034220	Anthracene	G	N	EPA8270	05/28/2002 08:00	<2U ug/L	2 ug/L
034320	Chrysene	G	N	EPA8270	05/28/2002 08:00	<2U ug/L	2 ug/L
034376	Fluoranthene	G	N	EPA8270	05/28/2002 08:00	<2U ug/L	2 ug/L
034381	Fluorene	G	N	EPA8270	05/28/2002 08:00	<2U ug/L	2 ug/L
077416	2-Methyl-Naphthalene	G	N	EPA8270	05/28/2002 08:00	<2U ug/L	2 ug/L
034461	Phenanthrene	G	N	EPA8270	05/28/2002 08:00	<2U ug/L	2 ug/L
034469	Pyrene	G	N	EPA8270	05/28/2002 08:00	<2U ug/L	2 ug/L
034636	4-Brmphnl_phnylether	G	N	EPA8270	05/28/2002 08:00	<2U ug/L	2 ug/L
034641	4-Chlrphnlphnylether	G	N	EPA8270	05/28/2002 08:00	<2U ug/L	2 ug/L
034278	B(2-chlrethox)methan	G	N	EPA8270	05/28/2002 08:00	<2U ug/L	2 ug/L
034283	B(2-chlrisprop)ether	G	N	EPA8270	05/28/2002 08:00	<2U ug/L	2 ug/L
034273	b(2-chlorethyl)ether	G	N	EPA8270	05/28/2002 08:00	<2U ug/L	2 ug/L
034581	2-Chloronapthalene	G	N	EPA8270	05/28/2002 08:00	<2U ug/L	2 ug/L
039700	Hexachlorobenzene	G	N	EPA8270	05/28/2002 08:00	<2U ug/L	2 ug/L

FLOWERS CHEMICAL LABORATORIES, INC.

P.O. Box 150-597, Altamonte Springs, FL 32715-0597
(407) 339-5984

Facility GMS#: _____

Test Site ID#: _____

Well Name: TANK-1

FCL Sample ID: 11749

Clasification of Groundwater: G-II

Ground Water Elevation (NGVD) or (MSL): _____

Sample Date: 05-21-02

Sample Time: 1500

Report Period: _____

Well Purged (Y/N): _____

Well Type: [ ] Background
[ ] Intermediate
[ ] Compliance
[ ] Other

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Results/Units	Detection Limits/Units
034391	Hexachlorobutadiene	G	N	EPA8270	05/28/2002 08:00	<2U ug/L	2 ug/L
034396	Hexachloroethane	G	N	EPA8270	05/28/2002 08:00	<2U ug/L	2 ug/L
034386	Hexachlorocyclopentadi	G	N	EPA8270	05/28/2002 08:00	<2U ug/L	2 ug/L
077734	1,2,4,5-Tetrachlorobenz	G	N	EPA8270	05/28/2002 08:00	<10U ug/L	10 ug/L
073599	1,4-Naphthoquinone	G	N	EPA8270	05/28/2002 08:00	<10U ug/L	10 ug/L
073600	1-Naphthylamine	G	N	EPA8270	05/28/2002 08:00	<10U ug/L	10 ug/L
077770	2,3,4,6-Tetrachlorophen	G	N	EPA8270	05/28/2002 08:00	<10U ug/L	10 ug/L
077687	2,4,5-Trichlorophenol	G	N	EPA8270	05/28/2002 08:00	<2U ug/L	2 ug/L
077541	2,6-Dichlorophenol	G	N	EPA8270	05/28/2002 08:00	<20U ug/L	20 ug/L
073501	2-Acetylaminofluorene	G	N	EPA8270	05/28/2002 08:00	<10U ug/L	10 ug/L
073601	2-Naphthylamine	G	N	EPA8270	05/28/2002 08:00	<10U ug/L	10 ug/L
073560	3,3'-Dimethylbenzidine	G	N	EPA8270	05/28/2002 08:00	<10U ug/L	10 ug/L
073691	3-Methylcholanthrene	G	N	EPA8270	05/28/2002 08:00	<10U ug/L	10 ug/L
077581	4-Aminobiphenyl	G	N	EPA8270	05/28/2002 08:00	<10U ug/L	10 ug/L
073559	7,12-dimethylbenz(a)ant	G	N	EPA8270	05/28/2002 08:00	<10U ug/L	10 ug/L
073622	5-Nitro-o-toluidine	G	N	EPA8270	05/28/2002 08:00	<10U ug/L	10 ug/L
081553	Acetophenone	G	N	EPA8270	05/28/2002 08:00	<10U ug/L	10 ug/L
077147	Benzyl alcohol	G	N	EPA8270	05/28/2002 08:00	<5U ug/L	5 ug/L
039460	Chlorobenzilate	G	N	EPA8270	05/28/2002 08:00	<10U ug/L	10 ug/L
073540	Diallate	G	N	EPA8270	05/28/2002 08:00	<10U ug/L	10 ug/L
081302	Dibenzofuran	G	N	EPA8270	05/28/2002 08:00	<5U ug/L	5 ug/L
046314	Dimethoate	G	N	EPA8270	05/28/2002 08:00	<20U ug/L	20 ug/L
077579	Diphenylamine	G	N	EPA8270	05/28/2002 08:00	<10U ug/L	10 ug/L
081888	Disulfoton	G	N	EPA8270	05/28/2002 08:00	<2U ug/L	2 ug/L
073571	Ethyl methanesulfonate	G	N	EPA8270	05/28/2002 08:00	<20U ug/L	20 ug/L

FLOWERS CHEMICAL LABORATORIES, INC.

P.O. Box 150-597, Altamonte Springs, FL 32715-0597
(407) 339-5984

Facility GMS#: _____

Test Site ID#: _____

Well Name: TANK-1

FCL Sample ID: 11749

Clasification of Groundwater: G-II

Ground Water Elevation (NGVD) or (MSL): _____

Sample Date: 05-21-02

Sample Time: 1500

Report Period: _____

Well Purged (Y/N): _____

Well Type: [ ] Background
[ ] Intermediate
[ ] Compliance
[ ] Other

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Results/Units	Detection Limits/Units
038462	Famphur	G	N	EPA8270	05/28/2002 08:00	<20U ug/L	20 ug/L
073576	Hexachloropropene	G	N	EPA8270	05/28/2002 08:00	<10U ug/L	10 ug/L
039430	Isodrin	G	N	EPA8270	05/28/2002 08:00	<20U ug/L	20 ug/L
073582	Isosafrole	G	N	EPA8270	05/28/2002 08:00	<10U ug/L	10 ug/L
039600	Parathion_Methyl	G	N	EPA8270	05/28/2002 08:00	<10U ug/L	10 ug/L
073589	Methapyrilene	G	N	EPA8270	05/28/2002 08:00	<20U ug/L	20 ug/L
073595	Methyl methanesulfonat	G	N	EPA8270	05/28/2002 08:00	<10U ug/L	10 ug/L
034452	Cresol	G	N	EPA8270	05/28/2002 08:00	<2U ug/L	2 ug/L
045622	m-Dinitrobenzene	G	N	EPA8270	05/28/2002 08:00	<10U ug/L	10 ug/L
078300	m-Nitroaniline	G	N	EPA8270	05/28/2002 08:00	<10U ug/L	10 ug/L
078200	N-Nitrosodiethylamine	G	N	EPA8270	05/28/2002 08:00	<5U ug/L	5 ug/L
078207	N-Nitrosodi-n-butylamine	G	N	EPA8270	05/28/2002 08:00	<5U ug/L	5 ug/L
073613	N-Nitrosomethylethylam	G	N	EPA8270	05/28/2002 08:00	<10U ug/L	10 ug/L
073619	N-Nitrosopiperidine	G	N	EPA8270	05/28/2002 08:00	<10U ug/L	10 ug/L
073620	N-Nitrosopyrrolidine	G	N	EPA8270	05/28/2002 08:00	<20U ug/L	20 ug/L
078142	o-Nitroaniline	G	N	EPA8270	05/28/2002 08:00	<10U ug/L	10 ug/L
073652	O,O,O-Triethylphosphor	G	N	EPA8270	05/28/2002 08:00	<10U ug/L	10 ug/L
073553	O,O-diethyl-0,2-pyraziny	G	N	EPA8270	05/28/2002 08:00	<10U ug/L	10 ug/L
077142	o-Toluidine	G	N	EPA8270	05/28/2002 08:00	<10U ug/L	10 ug/L
046315	Parathion	G	N	EPA8270	05/28/2002 08:00	<10U ug/L	10 ug/L
077793	Pentachlorobenzene	G	N	EPA8270	05/28/2002 08:00	<10U ug/L	10 ug/L
081316	Pentachloronitrobenzen	G	N	EPA8270	05/28/2002 08:00	<20U ug/L	20 ug/L
046313	Phorate	G	N	EPA8270	05/28/2002 08:00	<10U ug/L	10 ug/L
073626	Phenacetin	G	N	EPA8270	05/28/2002 08:00	<20U ug/L	20 ug/L
039057	Pronamide	G	N	EPA8270	05/28/2002 08:00	<10U ug/L	10 ug/L

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(407) 339-5984

Facility GMS#: _____

Test Site ID#: _____

Sample Date: 05-21-02
Sample Time: 1500
Report Period: _____

Well Name: TANK-1
FCL Sample ID: 11749

Well Purged (Y/N): _____

Well Type: [ ] Background
[ ] Intermediate
[ ] Compliance
[ ] Other

Clasification of Groundwater: G-II

Ground Water Elevation (NGVD) or (MSL): _____

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Results/Units		Detection Limits/Units	
077954	p-Chloroaniline	G	N	EPA8270	05/28/2002 08:00	<10U	ug/L	10	ug/L
073605	p-Nitroaniline	G	N	EPA8270	05/28/2002 08:00	<20U	ug/L	20	ug/L
073628	p-Phenylenediamine	G	N	EPA8270	05/28/2002 08:00	<10U	ug/L	10	ug/L
073558	p-(Dimethylamino)azobe	G	N	EPA8270	05/28/2002 08:00	<10U	ug/L	10	ug/L
077545	Safrole	G	N	EPA8270	05/28/2002 08:00	<10U	ug/L	10	ug/L
073653	Trinitrobenzene	G	N	EPA8270	05/28/2002 08:00	<10U	ug/L	10	ug/L
034526	Benzo(a)anthracene	G	N	EPA8270	05/28/2002 08:00	<2U	ug/L	2	ug/L
034230	Benzo(b)fluoranthene	G	N	EPA8270	05/28/2002 08:00	<2U	ug/L	2	ug/L
034242	Benzo(k)fluoranthene	G	N	EPA8270	05/28/2002 08:00	<2U	ug/L	2	ug/L
034521	Benzo(g,h,i)perylene	G	N	EPA8270	05/28/2002 08:00	<2U	ug/L	2	ug/L
034247	Benzo(a)pyrene	G	N	EPA8270	05/28/2002 08:00	<2U	ug/L	2	ug/L
034556	Dibnz(a,h)anthracene	G	N	EPA8270	05/28/2002 08:00	<2U	ug/L	2	ug/L
034403	Indn(1,2,3-cd)pyrene	G	N	EPA8270	05/28/2002 08:00	<2U	ug/L	2	ug/L
081281	Kepone	G	N	EPA8270	05/28/2002 08:00	<2U	ug/L	2	ug/L
039730	2,4-D	G	N	EPA8151	06/04/2002 08:00	<0.25U	ug/L	0.25	ug/L
039760	2,4,5-TP(Silvex)	G	N	EPA8151	06/04/2002 08:00	<0.25U	ug/L	0.25	ug/L
039740	2,4,5-T	G	N	EPA8151	06/04/2002 08:00	<0.25U	ug/L	0.25	ug/L
081287	Dinoseb	G	N	EPA8151	06/04/2002 08:00	<0.25U	ug/L	0.25	ug/L
039310	4,4'-DDD	G	N	EPA8081	05/31/2002 08:00	<0.025U	ug/L	0.025	ug/L
039365	4,4'-DDE	G	N	EPA8081	05/31/2002 08:00	<0.025U	ug/L	0.025	ug/L
039379	4,4'-DDT	G	N	EPA8081	05/31/2002 08:00	<0.025U	ug/L	0.025	ug/L
039337	a-BHC	G	N	EPA8081	05/31/2002 08:00	<0.025U	ug/L	0.025	ug/L
039330	Aldrin	G	N	EPA8081	05/31/2002 08:00	<0.025U	ug/L	0.025	ug/L
039338	b-BHC	G	N	EPA8081	05/31/2002 08:00	<0.025U	ug/L	0.025	ug/L

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(407) 339-5984

Facility GMS#: _____

Test Site ID#: _____

Sample Date: 05-21-02
Sample Time: 1500
Report Period: _____

Well Name: TANK-1

FCL Sample ID: 11749

Well Purged (Y/N): _____

Clasification of Groundwater: G-II

Well Type: [ ] Background
[ ] Intermediate
[ ] Compliance
[ ] Other

Ground Water Elevation (NGVD) or (MSL): _____

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Results/Units	Detection Limits/Units
039350	Chlordane	G	N	EPA8081	05/31/2002 08:00	<0.025U ug/L	0.025 ug/L
034259	d-BHC	G	N	EPA8081	05/31/2002 08:00	<0.025U ug/L	0.025 ug/L
039380	Dieldrin	G	N	EPA8081	05/31/2002 08:00	<0.025U ug/L	0.025 ug/L
034361	Endosulfan_I	G	N	EPA8081	05/31/2002 08:00	<0.025U ug/L	0.025 ug/L
034356	Endosulfan_II	G	N	EPA8081	05/31/2002 08:00	<0.025U ug/L	0.025 ug/L
034351	Endosulfan_sulfate	G	N	EPA8081	05/31/2002 08:00	<0.025U ug/L	0.025 ug/L
039390	Endrin	G	N	EPA8081	05/31/2002 08:00	<0.025U ug/L	0.025 ug/L
034366	Endrin_Aldehyde	G	N	EPA8081	05/31/2002 08:00	<0.025U ug/L	0.025 ug/L
039340	g-BHC	G	N	EPA8081	05/31/2002 08:00	<0.025U ug/L	0.025 ug/L
039410	Heptachlor	G	N	EPA8081	05/31/2002 08:00	<0.025U ug/L	0.025 ug/L
039420	Heptachlor_Epoxide	G	N	EPA8081	05/31/2002 08:00	<0.025U ug/L	0.025 ug/L
039480	Methoxychlor	G	N	EPA8081	05/31/2002 08:00	<0.025U ug/L	0.025 ug/L
039400	Toxaphene	G	N	EPA8081	05/31/2002 08:00	<0.5U ug/L	0.5 ug/L
034671	PCB_1016	G	N	EPA8082	05/31/2002 08:00	<0.1U ug/L	0.1 ug/L
039488	PCB_1221	G	N	EPA8082	05/31/2002 08:00	<0.1U ug/L	0.1 ug/L
039492	PCB_1232	G	N	EPA8082	05/31/2002 08:00	<0.1U ug/L	0.1 ug/L
039496	PCB_1242	G	N	EPA8082	05/31/2002 08:00	<0.1U ug/L	0.1 ug/L
039500	PCB_1248	G	N	EPA8082	05/31/2002 08:00	<0.1U ug/L	0.1 ug/L
039504	PCB_1254	G	N	EPA8082	05/31/2002 08:00	<0.1U ug/L	0.1 ug/L
039508	PCB_1260	G	N	EPA8082	05/31/2002 08:00	<0.1U ug/L	0.1 ug/L

PART III ANALYTICAL RESULTS

Facility GMS #: 4051M30035 Sampling Date/Time: 05/21/02 @ 1400

Test Site ID #: NA Report Period: 2002 / Quarter II (year/quarter)

Well Name: Tank #2 Well Purged (Y/N): YES

Classification of Groundwater: NA Well Type: ( ) Background ( ) Intermediate ( ) Compliance ( ) Other

Groundwater Elevation (NGVD): _____

or (MSL): _____

D.E.P. JUL 15 2002 Southwest District Tampa

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	*Analysis Results/Units		Detection Limits/Units	
000620	Nitrate	Well Wiz. Ded. Mon. System	No	SM 4500NO_3F	05/22/02 0830	2.52	mg/L	0.11	mg/L
000940	Chloride	"	"	SM 4500Cl-B	05/28/02 1200	9.58	mg/L	0.15	mg/L
000400	pH-Field	"	"	SM 4500H+B	05/21/02 1400	8.12	Std. Units	0.01	Std. Units
070300	Total Dis. Solids	"	"	SM 2540C	05/22/02 1630	312	mg/L	1	mg/L
000344	Dissolved Oxygen	"	"	SM 4500 O G	05/21/02 1400	3.00	mg/L	0.01	mg/L
000410	Bicarbonate	"	"	SM 2320B	05/28/02 1300	110	mg/L	1	mg/L
000095	Specific Cond. (Field)	"	"	SM 2510B	05/21/02 1400	504	µmhos/cm	0.00	µmhos/cm
000010	Temperature (Field)	"	"	SM 2550B	05/21/02 1400	26.40	°C	0	°C
000610	Ammonia	"	"	SM 4500NH_3B	05/23/02 0800	4.13	mg/L	0.03	mg/L
900216	Color	"	"	SM 2120B	05/21/02 1400	Black	PCU	0.0	PCU
001045	Iron	"	"	SM 3113B	05/24/02 1200	0.72	mg/L	0.001	mg/L
000929	Sodium	"	"	SM 3111B	05/24/02 1220	36.0	mg/L	0.01	mg/L
071900	Mercury	"	"	SM 3112B	05/29/02 0945	<0.0005	mg/L	0.0002	mg/L
000612	NH_4-N	"	"	DEP SOP	06/05/02 0900	0.382	mg/L	0.02	mg/L

*Attach Laboratory Reports

mo/g071029(2)

FLOWERS CHEMICAL LABORATORIES, INC.

P.O. Box 150-597, Altamonte Springs, FL 32715-0597
(407) 339-5984

Facility GMS#: _____

Test Site ID#: _____

Sample Date: 05-21-02
Sample Time: 1400
Report Period: _____

Well Name: TANK-2
FCL Sample ID: 11750

Well Purged (Y/N): _____

Clasification of Groundwater: G-II

Well Type: [ ] Background
[ ] Intermediate
[ ] Compliance
[ ] Other

Ground Water Elevation (NGVD) or (MSL): _____

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Results/Units		Detection Limits/Units	
00720	Cyanide	G	N	EPA335.2	05/30/2002 12:36	<0.01U	mg/L	0.01	mg/L
00745	Hydrogen Sulfide	G	N	EPA376.1	05/27/2002 12:36	<0.5	mg/L	0.5	mg/L
01077	Silver	G	N	EPA6020	05/23/2002 08:00	<0.001U	mg/L	0.001	mg/L
01002	Arsenic	G	N	EPA6020	05/23/2002 08:00	0.0027	mg/L	0.001	mg/L
01007	Barium	G	N	EPA6020	05/23/2002 08:00	0.006	mg/L	0.002	mg/L
01012	Beryllium	G	N	EPA6020	05/23/2002 08:00	<0.001U	mg/L	0.001	mg/L
01034	Cadmium	G	N	EPA6020	05/23/2002 08:00	<0.001U	mg/L	0.001	mg/L
01042	Cobalt	G	N	EPA6020	05/23/2002 08:00	<0.001U	mg/L	0.001	mg/L
01067	Chromium	G	N	EPA6020	05/23/2002 08:00	0.0038	mg/L	0.001	mg/L
01051	Copper	G	N	EPA6020	05/23/2002 08:00	<0.01U	mg/L	0.01	mg/L
01097	Mercury	G	N	EPA7470	05/28/2002 00:00	<0.0002U	mg/L	0.0002	mg/L
01147	Lead	G	N	EPA6020	05/23/2002 08:00	0.0014	mg/L	0.001	mg/L
01059	Nickel	G	N	EPA6020	05/23/2002 08:00	<0.001U	mg/L	0.001	mg/L
01087	Antimony	G	N	EPA6020	05/23/2002 08:00	<0.001U	mg/L	0.001	mg/L
01092	Selenium	G	N	EPA6020	05/23/2002 08:00	<0.002U	mg/L	0.002	mg/L
081552	Tin	G	N	EPA6020	05/23/2002 08:00	<0.005U	mg/L	0.005	mg/L
034215	Thallium	G	N	EPA6020	05/23/2002 08:00	<0.001U	mg/L	0.001	mg/L
034030	Vanadium	G	N	EPA6020	05/23/2002 08:00	0.0044	mg/L	0.001	mg/L
081555	Zinc	G	N	EPA6020	05/23/2002 08:00	<0.01U	mg/L	0.01	mg/L
034506	1,1,1-trichloroethane	G	N	EPA8260	05/29/2002 08:00	<1U	ug/L	1	ug/L
077562	1,1,1,2-tetrachloroethan	G	N	EPA8260	05/29/2002 08:00	<1U	ug/L	1	ug/L
034516	1,1,2,2-tetrachloroethan	G	N	EPA8260	05/29/2002 08:00	<1U	ug/L	1	ug/L
034511	1,1,2-trichloroethane	G	N	EPA8260	05/29/2002 08:00	<1U	ug/L	1	ug/L
034496	1,1-dichloroethane	G	N	EPA8260	05/29/2002 08:00	<1U	ug/L	1	ug/L

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P.O. Box 150-597, Altamonte Springs, FL 32715-0597
(407) 339-5984

Facility GMS#: _____

Test Site ID#: _____

Sample Date: 05-21-02
Sample Time: 1400
Report Period: _____

Well Name: TANK-2
FCL Sample ID: 11750

Well Purged (Y/N): _____

Clasification of Groundwater: G-II

Well Type: [ ] Background
[ ] Intermediate
[ ] Compliance
[ ] Other

Ground Water Elevation (NGVD) or (MSL): _____

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Results/Units	Detection Limits/Units
034501	1,1-dichloroethene	G	N	EPA8260	05/29/2002 08:00	<1U ug/L	1 ug/L
034531	1,2-dichloroethane	G	N	EPA8260	05/29/2002 08:00	<1U ug/L	1 ug/L
034531	1,2-dichloroethene	G	N	EPA8260	05/29/2002 08:00	<1U ug/L	1 ug/L
077093	cis-1,2-dichloroethene	G	N	EPA8260	05/29/2002 08:00	<1U ug/L	1 ug/L
034546	t-1,2-dichloroethene	G	N	EPA8260	05/29/2002 08:00	<1U ug/L	1 ug/L
034561	1,3-dichloropropane	G	N	EPA8260	05/29/2002 08:00	<1U ug/L	1 ug/L
077170	2,2-dichloropropane	G	N	EPA8260	05/29/2002 08:00	<1U ug/L	1 ug/L
034541	1,2-dichloropropane	G	N	EPA8260	05/29/2002 08:00	<1U ug/L	1 ug/L
034551	1,2,4-Trichlorobenzene	G	N	EPA8260	05/29/2002 08:00	<1U ug/L	1 ug/L
077297	Bromochloromethane	G	N	EPA8260	05/29/2002 08:00	<1U ug/L	1 ug/L
032101	Bromodichloromethane	G	N	EPA8260	05/29/2002 08:00	<1U ug/L	1 ug/L
032104	Bromoform	G	N	EPA8260	05/29/2002 08:00	<1U ug/L	1 ug/L
034413	Bromomethane	G	N	EPA8260	05/29/2002 08:00	<1U ug/L	1 ug/L
034704	cis-1,3-dichloropropene	G	N	EPA8260	05/29/2002 08:00	<1U ug/L	1 ug/L
032102	Carbon tetrachloride	G	N	EPA8260	05/29/2002 08:00	<1U ug/L	1 ug/L
034301	Chlorobenzene	G	N	EPA8260	05/29/2002 08:00	<1U ug/L	1 ug/L
034311	Chloroethane	G	N	EPA8260	05/29/2002 08:00	<1U ug/L	1 ug/L
032106	Chloroform	G	N	EPA8260	05/29/2002 08:00	<1U ug/L	1 ug/L
034418	Chloromethane	G	N	EPA8260	05/29/2002 08:00	<1U ug/L	1 ug/L
081521	Dibromochloromethane	G	N	EPA8260	05/29/2002 08:00	<1U ug/L	1 ug/L
034668	Dichlorodifluoromethane	G	N	EPA8260	05/29/2002 08:00	<1U ug/L	1 ug/L
077033	Isobutyl alcohol	G	N	EPA8260	05/29/2002 08:00	<1U ug/L	1 ug/L
034423	Methylene chloride	G	N	EPA8260	05/29/2002 08:00	<1U ug/L	1 ug/L
034699	trans-1,3,-dichloroprope	G	N	EPA8260	05/29/2002 08:00	<1U ug/L	1 ug/L
034475	Tetrachloroethene	G	N	EPA8260	05/29/2002 08:00	<1U ug/L	1 ug/L

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Facility GMS#: _____

Test Site ID#: _____

Sample Date: 05-21-02
Sample Time: 1400
Report Period: _____

Well Name: TANK-2

FCL Sample ID: 11750

Well Purged (Y/N): _____

Clasification of Groundwater: G-II

Well Type: [ ] Background
[ ] Intermediate
[ ] Compliance
[ ] Other

Ground Water Elevation (NGVD) or (MSL): _____

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Results/Units	Detection Limits/Units
034488	Trichlorofluoromethane	G	N	EPA8260	05/29/2002 08:00	<1U ug/L	1 ug/L
039180	Trichloroethene	G	N	EPA8260	05/29/2002 08:00	<1U ug/L	1 ug/L
039175	Vinyl chloride	G	N	EPA8260	05/29/2002 08:00	<1U ug/L	1 ug/L
034536	o-dichlorobenzene	G	N	EPA8260	05/29/2002 08:00	<1U ug/L	1 ug/L
034566	m-dichlorobenzene	G	N	EPA8260	05/29/2002 08:00	<1U ug/L	1 ug/L
034571	Para-dichlorobenzene	G	N	EPA8260	05/29/2002 08:00	<1U ug/L	1 ug/L
034030	Benzene	G	N	EPA8260	05/29/2002 08:00	<1U ug/L	1 ug/L
034371	Ethylbenzene	G	N	EPA8260	05/29/2002 08:00	<1U ug/L	1 ug/L
077128	Styrene	G	N	EPA8260	05/29/2002 08:00	<1U ug/L	1 ug/L
034010	Toluene	G	N	EPA8260	05/29/2002 08:00	<1U ug/L	1 ug/L
081551	Xylene	G	N	EPA8260	05/29/2002 08:00	<1U ug/L	1 ug/L
034696	Naphthalene	G	N	EPA8260	05/29/2002 08:00	<1U ug/L	1 ug/L
081552	Acetone	G	N	EPA8260	05/29/2002 08:00	<5U ug/L	5 ug/L
081595	2-butanone	G	N	EPA8260	05/29/2002 08:00	<1U ug/L	1 ug/L
077041	Carbon disulfide	G	N	EPA8260	05/29/2002 08:00	<1U ug/L	1 ug/L
077103	2-Hexanone	G	N	EPA8260	05/29/2002 08:00	<1U ug/L	1 ug/L
077424	Methyl_iodide	G	N	EPA8260	05/29/2002 08:00	<1U ug/L	1 ug/L
081596	4-methlyl-2-pentanone	G	N	EPA8260	05/29/2002 08:00	<1U ug/L	1 ug/L
077057	Vinyl acetate	G	N	EPA8260	05/29/2002 08:00	<5U ug/L	5 ug/L
077443	1,2,3-Trichloropropane	G	N	EPA8260	05/29/2002 08:00	<1U ug/L	1 ug/L
081593	Methacrylonitrile	G	N	EPA8260	05/29/2002 08:00	<5U ug/L	5 ug/L
081520	Chloroprene	G	N	EPA8260	05/29/2002 08:00	<5U ug/L	5 ug/L
073570	Ethyl Methacrylate	G	N	EPA8260	05/29/2002 08:00	<5U ug/L	5 ug/L
081597	Methyl Methacrylate	G	N	EPA8260	05/29/2002 08:00	<2U ug/L	2 ug/L
081522	Methylene bromide	G	N	EPA8260	05/29/2002 08:00	<1U ug/L	1 ug/L

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FCL Sample ID: 11750

Clasification of Groundwater: G-II

Ground Water Elevation (NGVD) or (MSL): _____

Sample Date: 05-21-02

Sample Time: 1400

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Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Results/Units	Detection Limits/Units
039080	Propionitrile	G	N	EPA8260	05/29/2002 08:00	<10U ug/L	10 ug/L
073547	t-1,4-dichloro-2-butene	G	N	EPA8260	05/29/2002 08:00	<1U ug/L	1 ug/L
082625	1,2-dibromo-3-chloropro	G	N	EPA8260	05/29/2002 08:00	<1U ug/L	1 ug/L
077651	1,2-dibromoethane	G	N	EPA8260	05/29/2002 08:00	<1U ug/L	1 ug/L
077168	1,1-dichloropropene	G	N	EPA8260	05/29/2002 08:00	<1U ug/L	1 ug/L
034215	Acetonitrile	G	N	EPA8260	05/29/2002 08:00	<10U ug/L	10 ug/L
034210	Acrolein	G	N	-	05/29/2002 08:00	- ug/L	- ug/L
034215	Acrylonitrile	G	N	-	05/29/2002 08:00	<5U ug/L	5 ug/L
078109	Allyl chloride	G	N	EPA8260	05/29/2002 08:00	<10U ug/L	10 ug/L
034591	2-Nitrophenol	G	N	EPA8270	05/28/2002 08:00	<2U ug/L	2 ug/L
034552	4-Chloro-3-methylpheno	G	N	EPA8270	05/28/2002 08:00	<2U ug/L	2 ug/L
034621	2,4,6-trichlorophenol	G	N	EPA8270	05/28/2002 08:00	<2U ug/L	2 ug/L
034601	2,4-Dichlorophenol	G	N	EPA8270	05/28/2002 08:00	<2U ug/L	2 ug/L
034606	2,4-Dimethylphenol	G	N	EPA8270	05/28/2002 08:00	<2U ug/L	2 ug/L
034616	2,4-Dinitrophenol	G	N	EPA8270	05/28/2002 08:00	<5U ug/L	5 ug/L
034586	2-Chlorophenol	G	N	EPA8270	05/28/2002 08:00	<2U ug/L	2 ug/L
034657	2-methyl-4,6-dinitophen	G	N	EPA8270	05/28/2002 08:00	<2U ug/L	2 ug/L
034646	4-Nitrophenol	G	N	EPA8270	05/28/2002 08:00	<5U ug/L	5 ug/L
039032	Pentachlorophenol	G	N	EPA8270	05/28/2002 08:00	<2U ug/L	2 ug/L
034466	Phenol	G	N	EPA8270	05/28/2002 08:00	<2U ug/L	2 ug/L
034631	3,3'-Dichlrbenzidene	G	N	EPA8270	05/28/2002 08:00	<2U ug/L	2 ug/L
039100	Bis(2-ethylhexyl)phthala	G	N	EPA8270	05/28/2002 08:00	3.19 ug/L	3 ug/L
034292	Butyl benzyl phthalate	G	N	EPA8270	05/28/2002 08:00	<3U ug/L	3 ug/L
039110	Di-n-butylphthalate	G	N	EPA8270	05/28/2002 08:00	<3U ug/L	3 ug/L
034336	Diethylphthalate	G	N	EPA8270	05/28/2002 08:00	<3U ug/L	3 ug/L

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034341	Dimethylphthalate	G	N	EPA8270	05/28/2002 08:00	<3U ug/L	3 ug/L
034596	Dioctylphthalate	G	N	EPA8270	05/28/2002 08:00	<3U ug/L	3 ug/L
034438	N-Nitrsdimethylamine	G	N	EPA8270	05/28/2002 08:00	<2U ug/L	2 ug/L
034433	N-Nitrsdiphenylamine	G	N	EPA8270	05/28/2002 08:00	<2U ug/L	2 ug/L
034428	N-Ntrsdi-n-prpylmine	G	N	EPA8270	05/28/2002 08:00	<2U ug/L	2 ug/L
034611	2,4-Dinitrotoluene	G	N	EPA8270	05/28/2002 08:00	<2U ug/L	2 ug/L
034626	2,6-Dinitrotoluene	G	N	EPA8270	05/28/2002 08:00	<2U ug/L	2 ug/L
034408	Isophorone	G	N	EPA8270	05/28/2002 08:00	<2U ug/L	2 ug/L
034447	Nitrobenzene	G	N	EPA8270	05/28/2002 08:00	<2U ug/L	2 ug/L
034200	Acenaphthylene	G	N	EPA8270	05/28/2002 08:00	<2U ug/L	2 ug/L
034205	Acenaphthene	G	N	EPA8270	05/28/2002 08:00	<2U ug/L	2 ug/L
034220	Anthracene	G	N	EPA8270	05/28/2002 08:00	<2U ug/L	2 ug/L
034320	Chrysene	G	N	EPA8270	05/28/2002 08:00	<2U ug/L	2 ug/L
034376	Fluoranthene	G	N	EPA8270	05/28/2002 08:00	<2U ug/L	2 ug/L
034381	Fluorene	G	N	EPA8270	05/28/2002 08:00	<2U ug/L	2 ug/L
077416	2-Methyl-Naphthalene	G	N	EPA8270	05/28/2002 08:00	<2U ug/L	2 ug/L
034461	Phenanthrene	G	N	EPA8270	05/28/2002 08:00	<2U ug/L	2 ug/L
034469	Pyrene	G	N	EPA8270	05/28/2002 08:00	<2U ug/L	2 ug/L
034636	4-Brmphnl_phnylether	G	N	EPA8270	05/28/2002 08:00	<2U ug/L	2 ug/L
034641	4-Chlrphnlphnylether	G	N	EPA8270	05/28/2002 08:00	<2U ug/L	2 ug/L
034278	B(2-chlrethox)methan	G	N	EPA8270	05/28/2002 08:00	<2U ug/L	2 ug/L
034283	B(2-chlrisprop)ether	G	N	EPA8270	05/28/2002 08:00	<2U ug/L	2 ug/L
034273	b(2-chlorethyl)ether	G	N	EPA8270	05/28/2002 08:00	<2U ug/L	2 ug/L
034581	2-Chloronapthalene	G	N	EPA8270	05/28/2002 08:00	<2U ug/L	2 ug/L
039700	Hexachlorobenzene	G	N	EPA8270	05/28/2002 08:00	<2U ug/L	2 ug/L

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034391	Hexachlorobutadiene	G	N	EPA8270	05/28/2002 08:00	<2U ug/L	2 ug/L
034396	Hexachloroethane	G	N	EPA8270	05/28/2002 08:00	<2U ug/L	2 ug/L
034386	Hexachlorocyclopentadi	G	N	EPA8270	05/28/2002 08:00	<2U ug/L	2 ug/L
077734	1,2,4,5-Tetrachlorobenz	G	N	EPA8270	05/28/2002 08:00	<10U ug/L	10 ug/L
073599	1,4-Naphthoquinone	G	N	EPA8270	05/28/2002 08:00	<10U ug/L	10 ug/L
073600	1-Naphthylamine	G	N	EPA8270	05/28/2002 08:00	<10U ug/L	10 ug/L
077770	2,3,4,6-Tetrachlorophen	G	N	EPA8270	05/28/2002 08:00	<10U ug/L	10 ug/L
077687	2,4,5-Trichlorophenol	G	N	EPA8270	05/28/2002 08:00	<2U ug/L	2 ug/L
077541	2,6-Dichlorophenol	G	N	EPA8270	05/28/2002 08:00	<20U ug/L	20 ug/L
073501	2-Acetylaminofluorene	G	N	EPA8270	05/28/2002 08:00	<10U ug/L	10 ug/L
073601	2-Naphthylamine	G	N	EPA8270	05/28/2002 08:00	<10U ug/L	10 ug/L
073560	3,3'-Dimethylbenzidine	G	N	EPA8270	05/28/2002 08:00	<10U ug/L	10 ug/L
073691	3-Methylcholanthrene	G	N	EPA8270	05/28/2002 08:00	<10U ug/L	10 ug/L
077581	4-Aminobiphenyl	G	N	EPA8270	05/28/2002 08:00	<10U ug/L	10 ug/L
073559	7,12-dimethylbenz(a)ant	G	N	EPA8270	05/28/2002 08:00	<10U ug/L	10 ug/L
073622	5-Nitro-o-toluidine	G	N	EPA8270	05/28/2002 08:00	<10U ug/L	10 ug/L
081553	Acetophenone	G	N	EPA8270	05/28/2002 08:00	<10U ug/L	10 ug/L
077147	Benzyl alcohol	G	N	EPA8270	05/28/2002 08:00	<5U ug/L	5 ug/L
039460	Chlorobenzilate	G	N	EPA8270	05/28/2002 08:00	<10U ug/L	10 ug/L
073540	Diallate	G	N	EPA8270	05/28/2002 08:00	<10U ug/L	10 ug/L
081302	Dibenzofuran	G	N	EPA8270	05/28/2002 08:00	<5U ug/L	5 ug/L
046314	Dimethoate	G	N	EPA8270	05/28/2002 08:00	<20U ug/L	20 ug/L
077579	Diphenylamine	G	N	EPA8270	05/28/2002 08:00	<10U ug/L	10 ug/L
081888	Disulfoton	G	N	EPA8270	05/28/2002 08:00	<2U ug/L	2 ug/L
073571	Ethyl methanesulfonate	G	N	EPA8270	05/28/2002 08:00	<20U ug/L	20 ug/L

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038462	Famphur	G	N	EPA8270	05/28/2002 08:00	<20U ug/L	20 ug/L
073576	Hexachloropropene	G	N	EPA8270	05/28/2002 08:00	<10U ug/L	10 ug/L
039430	Isodrin	G	N	EPA8270	05/28/2002 08:00	<20U ug/L	20 ug/L
073582	Isosafrole	G	N	EPA8270	05/28/2002 08:00	<10U ug/L	10 ug/L
039600	Parathion_Methyl	G	N	EPA8270	05/28/2002 08:00	<10U ug/L	10 ug/L
073589	Methapyrilene	G	N	EPA8270	05/28/2002 08:00	<20U ug/L	20 ug/L
073595	Methyl methanesulfonat	G	N	EPA8270	05/28/2002 08:00	<10U ug/L	10 ug/L
034452	Cresol	G	N	EPA8270	05/28/2002 08:00	<2U ug/L	2 ug/L
045622	m-Dinitrobenzene	G	N	EPA8270	05/28/2002 08:00	<10U ug/L	10 ug/L
078300	m-Nitroaniline	G	N	EPA8270	05/28/2002 08:00	<10U ug/L	10 ug/L
078200	N-Nitrosodiethylamine	G	N	EPA8270	05/28/2002 08:00	<5U ug/L	5 ug/L
078207	N-Nitrosodi-n-butylamine	G	N	EPA8270	05/28/2002 08:00	<5U ug/L	5 ug/L
073613	N-Nitrosomethylethylam	G	N	EPA8270	05/28/2002 08:00	<10U ug/L	10 ug/L
073619	N-Nitrosopiperidine	G	N	EPA8270	05/28/2002 08:00	<10U ug/L	10 ug/L
073620	N-Nitrosopyrrolidine	G	N	EPA8270	05/28/2002 08:00	<20U ug/L	20 ug/L
078142	o-Nitroaniline	G	N	EPA8270	05/28/2002 08:00	<10U ug/L	10 ug/L
073652	O,O,O-Triethylphosphor	G	N	EPA8270	05/28/2002 08:00	<10U ug/L	10 ug/L
073553	O,O-diethyl-0,2-pyraziny	G	N	EPA8270	05/28/2002 08:00	<10U ug/L	10 ug/L
077142	o-Toluidine	G	N	EPA8270	05/28/2002 08:00	<10U ug/L	10 ug/L
046315	Parathion	G	N	EPA8270	05/28/2002 08:00	<10U ug/L	10 ug/L
077793	Pentachlorobenzene	G	N	EPA8270	05/28/2002 08:00	<10U ug/L	10 ug/L
081316	Pentachloronitrobenzene	G	N	EPA8270	05/28/2002 08:00	<20U ug/L	20 ug/L
046313	Phorate	G	N	EPA8270	05/28/2002 08:00	<10U ug/L	10 ug/L
073626	Phenacetin	G	N	EPA8270	05/28/2002 08:00	<20U ug/L	20 ug/L
039057	Pronamide	G	N	EPA8270	05/28/2002 08:00	<10U ug/L	10 ug/L

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077954	p-Chloroaniline	G	N	EPA8270	05/28/2002 08:00	<10U	ug/L	10	ug/L
073605	p-Nitroaniline	G	N	EPA8270	05/28/2002 08:00	<20U	ug/L	20	ug/L
073628	p-Phenylenediamine	G	N	EPA8270	05/28/2002 08:00	<10U	ug/L	10	ug/L
073558	p-(Dimethylamino)azobe	G	N	EPA8270	05/28/2002 08:00	<10U	ug/L	10	ug/L
077545	Safrole	G	N	EPA8270	05/28/2002 08:00	<10U	ug/L	10	ug/L
073653	Trinitrobenzene	G	N	EPA8270	05/28/2002 08:00	<10U	ug/L	10	ug/L
034526	Benzo(a)anthracene	G	N	EPA8270	05/28/2002 08:00	<2U	ug/L	2	ug/L
034230	Benzo(b)fluoranthene	G	N	EPA8270	05/28/2002 08:00	<2U	ug/L	2	ug/L
034242	Benzo(k)fluoranthene	G	N	EPA8270	05/28/2002 08:00	<2U	ug/L	2	ug/L
034521	Benzo(g,h,i)perylene	G	N	EPA8270	05/28/2002 08:00	<2U	ug/L	2	ug/L
034247	Benzo(a)pyrene	G	N	EPA8270	05/28/2002 08:00	<2U	ug/L	2	ug/L
034556	Dibnz(a,h)anthracene	G	N	EPA8270	05/28/2002 08:00	<2U	ug/L	2	ug/L
034403	Indn(1,2,3-cd)pyrene	G	N	EPA8270	05/28/2002 08:00	<2U	ug/L	2	ug/L
081281	Kepone	G	N	EPA8270	05/28/2002 08:00	<2U	ug/L	2	ug/L
039730	2,4-D	G	N	EPA8151	06/04/2002 08:00	<0.25U	ug/L	0.25	ug/L
039760	2,4,5-TP(Silvex)	G	N	EPA8151	06/04/2002 08:00	<0.25U	ug/L	0.25	ug/L
039740	2,4,5-T	G	N	EPA8151	06/04/2002 08:00	<0.25U	ug/L	0.25	ug/L
081287	Dinoseb	G	N	EPA8151	06/04/2002 08:00	<0.25U	ug/L	0.25	ug/L
039310	4,4'-DDD	G	N	EPA8081	05/31/2002 08:00	<0.025U	ug/L	0.025	ug/L
039365	4,4'-DDE	G	N	EPA8081	05/31/2002 08:00	<0.025U	ug/L	0.025	ug/L
039379	4,4'-DDT	G	N	EPA8081	05/31/2002 08:00	<0.025U	ug/L	0.025	ug/L
039337	a-BHC	G	N	EPA8081	05/31/2002 08:00	<0.025U	ug/L	0.025	ug/L
039330	Aldrin	G	N	EPA8081	05/31/2002 08:00	<0.025U	ug/L	0.025	ug/L
039338	b-BHC	G	N	EPA8081	05/31/2002 08:00	<0.025U	ug/L	0.025	ug/L

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039350	Chlordane	G	N	EPA8081	05/31/2002 08:00	<0.025U	ug/L	0.025	ug/L
034259	d-BHC	G	N	EPA8081	05/31/2002 08:00	<0.025U	ug/L	0.025	ug/L
039380	Dieldrin	G	N	EPA8081	05/31/2002 08:00	<0.025U	ug/L	0.025	ug/L
034361	Endosulfan_I	G	N	EPA8081	05/31/2002 08:00	<0.025U	ug/L	0.025	ug/L
034356	Endosulfan_II	G	N	EPA8081	05/31/2002 08:00	<0.025U	ug/L	0.025	ug/L
034351	Endosulfan_sulfate	G	N	EPA8081	05/31/2002 08:00	<0.025U	ug/L	0.025	ug/L
039390	Endrin	G	N	EPA8081	05/31/2002 08:00	<0.025U	ug/L	0.025	ug/L
034366	Endrin_Aldehyde	G	N	EPA8081	05/31/2002 08:00	<0.025U	ug/L	0.025	ug/L
039340	g-BHC	G	N	EPA8081	05/31/2002 08:00	<0.025U	ug/L	0.025	ug/L
039410	Heptachlor	G	N	EPA8081	05/31/2002 08:00	<0.025U	ug/L	0.025	ug/L
039420	Heptachlor_Epoxide	G	N	EPA8081	05/31/2002 08:00	<0.025U	ug/L	0.025	ug/L
039480	Methoxychlor	G	N	EPA8081	05/31/2002 08:00	<0.025U	ug/L	0.025	ug/L
039400	Toxaphene	G	N	EPA8081	05/31/2002 08:00	<0.5U	ug/L	0.5	ug/L
034671	PCB_1016	G	N	EPA8082	05/31/2002 08:00	<0.1U	ug/L	0.1	ug/L
039488	PCB_1221	G	N	EPA8082	05/31/2002 08:00	<0.1U	ug/L	0.1	ug/L
039492	PCB_1232	G	N	EPA8082	05/31/2002 08:00	<0.1U	ug/L	0.1	ug/L
039496	PCB_1242	G	N	EPA8082	05/31/2002 08:00	<0.1U	ug/L	0.1	ug/L
039500	PCB_1248	G	N	EPA8082	05/31/2002 08:00	<0.1U	ug/L	0.1	ug/L
039504	PCB_1254	G	N	EPA8082	05/31/2002 08:00	<0.1U	ug/L	0.1	ug/L
039508	PCB_1260	G	N	EPA8082	05/31/2002 08:00	<0.1U	ug/L	0.1	ug/L

PASCO COUNTY, FLORIDA

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ENVIRONMENTAL LABORATORY
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DHRS E44123
CompQAP # 870167G

REPORT OF ANALYSES

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

Date: 6/12/02

SAMPLE NUMBER	AA03584	SAMPLE ID	TANK 1 @ WP CLASS III	SAMPLE MATRIX	Leac
DATE SAMPLED	5/21/02			TIME SAMPLED	15:00
DATE RECEIVED	5/21/02	SAMPLER	CSC	RECEIVED BY	MAS
TIME RECEIVED	16:15	DELIVERED BY	CSC	SAMPLE TYPE	Pumped

ANALYSIS	METHOD	ANALYSIS DATE	TIME	BY	RESULT	QUAL.	UNIT	DET. LIMIT
Color by Observation	Observation	5/21/02	15:00	CSC	CLEAR			
Conductivity Field	SM2510B	5/21/02	15:00	CSC	830		umhos/	
Dissolved Oxygen Field	SM4500OG	5/21/02	15:00	CSC	0.10		mg/L	0.00
pH Field	SM4500HB	5/21/02	15:00	CSC	7.83		std unit	
Temperature Field	SM2550B	5/21/02	15:00	CSC	26.60		deg C	
Iron, Total, Flame	SM3111B	5/24/02	12:00	TER	0.63		mg/L	0.03
Mercury, Total, CVAA	SM3112B	5/29/02	9:45	TER	<0.0005		mg/L	0.0005
Sodium, Total, Flame	SM3111B	5/24/02	12:20	TER	44.2		mg/L	0.01
Ammonia	SM4500NH3	5/23/02	8:00	IF	2.94		mg/L	0.03
Nitrate	SM4500NO3	5/22/02	8:30	IF	0.16		mg/L	0.11
Total Dissolved Solids	SM2540C	5/22/02	16:30	JK	480		mg/L	1.00
Bicarbonate Alkalinity	SM2320B	5/28/02	13:00	JK	229		mgCaC	

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PASCO COUNTY, FLORIDA

ENVIRONMENTAL LABORATORY
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DHRS E44123
CompQAP # 870167G

REPORT OF ANALYSES

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

Date: 6/12/02

SAMPLE NUMBER	AA03584	SAMPLE ID	TANK 1 @ WP CLASS III	SAMPLE MATRIX	Leac
DATE SAMPLED	5/21/02			TIME SAMPLED	15:00
DATE RECEIVED	5/21/02	SAMPLER	CSC	RECEIVED BY	MAS
TIME RECEIVED	16:15	DELIVERED BY	CSC	SAMPLE TYPE	Pumped

ANALYSIS	METHOD	ANALYSIS DATE	ANALYSIS TIME	BY	RESULT	QUAL.	UNIT	DET. LIMIT
Chloride	SM4500CLE	5/28/02	12:00	JK	35.5		mg/L	0.62

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PASCO COUNTY, FLORIDA

ENVIRONMENTAL LABORATORY
8864 GOVERNMENT DRIVE
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REPORT OF ANALYSES

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

Date: 6/12/02

SAMPLE NUMBER	AA03585	SAMPLE ID	TANK 2 @ WP CLASS III	SAMPLE MATRIX	Leac
DATE SAMPLED	5/21/02			TIME SAMPLED	14:00
DATE RECEIVED	5/21/02	SAMPLER	CSC	RECEIVED BY	MAS
TIME RECEIVED	16:15	DELIVERED BY	CSC	SAMPLE TYPE	Pumped

ANALYSIS	METHOD	ANALYSIS DATE	TIME	BY	RESULT	QUAL.	UNIT	DET. LIMIT
Color by Observation	Observation	5/21/02	14:00	CSC	BLACK			
Conductivity Field	SM2510B	5/21/02	14:00	CSC	504		umhos/	
Dissolved Oxygen Field	SM4500OG	5/21/02	14:00	CSC	3.00		mg/L	0.00
pH Field	SM4500HB	5/21/02	14:00	CSC	8.12		std unit	
Temperature Field	SM2550B	5/21/02	14:00	CSC	26.40		deg C	
Iron, Total, Flame	SM3111B	5/24/02	12:00	TER	0.72		mg/L	0.03
Mercury, Total, CVAA	SM3112B	5/29/02	9:45	TER	<0.0005		mg/L	0.0005
Sodium, Total, Flame	SM3111B	5/24/02	12:20	TER	36.0		mg/L	0.01
Ammonia	SM4500NH3	5/23/02	8:00	IF	4.13		mg/L	0.03
Nitrate	SM4500NO3	5/22/02	8:30	IF	2.52		mg/L	0.11
Total Dissolved Solids	SM2540C	5/22/02	16:30	JK	312		mg/L	1.00
Bicarbonate Alkalinity	SM2320B	5/28/02	13:00	JK	110		mgCaC	

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REPORT OF ANALYSES

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

Date: 6/12/02

SAMPLE NUMBER	AA03585	SAMPLE ID	TANK 2 @ WP CLASS III	SAMPLE MATRIX	Leac
DATE SAMPLED	5/21/02			TIME SAMPLED	14:00
DATE RECEIVED	5/21/02	SAMPLER	CSC	RECEIVED BY	MAS
TIME RECEIVED	16:15	DELIVERED BY	CSC	SAMPLE TYPE	
				Pumped	

ANALYSIS	METHOD	ANALYSIS DATE	ANALYSIS TIME	BY	RESULT	QUAL.	UNIT	DET. LIMIT
Chloride	SM4500CLE	5/28/02	12:00	JK	9.58		mg/L	0.62

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Date Reported : Jun17 2002
Project Number : WP Class 3 LF
PO Number : Leachate Q-II 2002
FLDOH Number : E83018
NYSDOH Number : 11595
CTDPH Number : 0173
UTDOH Number : FLOW
NJDEP Number : FL015

For: Appendix II(C) Appendix1
Date Received: May23 2002 Lab Numbers: 11749-11750

REPORT OF ANALYSIS

Parameter	Unit	Reportable Detection Limit	%Rec	%RSD	11749 TANK1	11750 TANK2
Dilution_Factor		-	-	-	1.00	1.00
Acrylonitrile	ug/L	5.00	87.1	2.48	<5.00	<5.00
Acetone	ug/L	5.00	94.4	4.65	<5.00	<5.00
Benzene	ug/L	1.00	99.7	1.14	<1.00	<1.00
Bromochloromethane	ug/L	1.00	101.	.170	<1.00	<1.00
Bromodichloromethane	ug/L	1.00	100.	.380	<1.00	<1.00
Bromoform	ug/L	1.00	112.	.060	<1.00	<1.00
Carbon disulfide	ug/L	1.00	132.	1.31	<1.00	<1.00
Carbon tetrachloride	ug/L	1.00	100.	1.98	<1.00	<1.00
Chlorobenzene	ug/L	1.00	97.6	2.64	<1.00	<1.00
Chloroethane	ug/L	1.00	98.7	.250	<1.00	<1.00
Chloroform	ug/L	1.00	100.	.140	<1.00	<1.00
Dibromochloromethane	ug/L	1.00	98.6	1.18	<1.00	<1.00
1,2-dibromo-3-chloro	ug/L	1.00	86.8	2.73	<1.00	<1.00
1,2-dibromoethane	ug/L	1.00	99.2	.100	<1.00	<1.00
o-dichlorobenzene	ug/L	1.00	98.4	1.72	<1.00	<1.00
Para-dichlorobenzene	ug/L	1.00	98.9	.000	<1.00	<1.00
t-1,4-dichloro-2-but	ug/L	1.00			<1.00	<1.00
1,1-dichloroethane	ug/L	1.00	103.	.060	<1.00	<1.00
1,2-dichloroethane	ug/L	1.00	99.9	2.41	<1.00	<1.00
1,1-dichloroethene	ug/L	1.00	101.	.240	<1.00	<1.00
cis-1,2-dichloroethe	ug/L	1.00	103.	1.14	<1.00	<1.00
t-1,2-dichloroethene	ug/L	1.00	98.4	1.11	<1.00	<1.00
1,2-dichloropropane	ug/L	1.00	102.	1.39	<1.00	<1.00
cis-1,3-dichloroprop	ug/L	1.00	101.	2.35	<1.00	<1.00
trans-1,3,-dichlorop	ug/L	1.00	98.3	1.01	<1.00	<1.00

Certificate of Results

Sample integrity certified prior to analysis.Test results meet all requirements of the NELAC Standards, except as noted in the QA Report Section 4. This Report may not be reproduced in part, results relate only to items tested.

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President/Technical Director

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Date Reported : Jun17 2002
Project Number : WP Class 3 LF
PO Number : Leachate Q-II 2002
FLDOH Number : E83018
NYSDOH Number : 11595
CTDPH Number : 0173
UTDOH Number : FLOW
NJDEP Number : FL015

For: Appendix II(C) Appendix1
Date Received: May23 2002 Lab Numbers: 11749-11750

REPORT OF ANALYSIS

Parameter	Unit	Reportable Detection Limit	%Rec	%RSD	11749 TANK1	11750 TANK2
Ethylbenzene	ug/L	1.00	97.8	1.77	<1.00	<1.00
2-Hexanone	ug/L	1.00	101.	3.36	<1.00	<1.00
Bromomethane	ug/L	1.00	98.0	1.66	<1.00	<1.00
Chloromethane	ug/L	1.00	110.	1.67	<1.00	<1.00
Dibromomethane	ug/L	1.00	101.	.870	<1.00	<1.00
Methylene chloride	ug/L	1.00	101.	1.64	<1.00	<1.00
2-butanone	ug/L	1.00	115.	10.3	<1.00	<1.00
Methyl_iodide	ug/L	1.00	131.	.610	<1.00	<1.00
4-methlyl-2-pentanon	ug/L	1.00	95.8	.480	<1.00	<1.00
Styrene	ug/L	1.00	96.8	1.06	<1.00	<1.00
1,1,1,2-tetrachloroe	ug/L	1.00	99.0	.960	<1.00	<1.00
1,1,2,2-tetrachloroe	ug/L	1.00	101.	.690	<1.00	<1.00
Tetrachloroethene	ug/L	1.00	137.	2.39	<1.00	<1.00
Toluene	ug/L	1.00	99.7	.350	<1.00	<1.00
1,1,1-trichloroethan	ug/L	1.00	100.	1.62	<1.00	<1.00
1,1,2-trichloroethan	ug/L	1.00	99.2	.850	<1.00	<1.00
Trichloroethene	ug/L	1.00	102.	1.04	<1.00	<1.00
Trichlorofluorometha	ug/L	1.00	104.	.470	<1.00	<1.00
1,2,3-trichloropropa	ug/L	1.00	137.	.380	<1.00	<1.00
Vinyl chloride	ug/L	1.00	101.	1.40	<1.00	<1.00
Vinyl acetate	ug/L	5.00			<5.00	<5.00
Xylene	ug/L	1.00	97.6	.060	<1.00	<1.00
Spike_1,2-Dichloroet	ug/L	1.00	99.8	.000	30.7	30.6
Spike_Toluene-d8	ug/L	1.00	98.8	.070	31.2	31.0
Spike_Bromofluoroben	ug/L	1.00	99.1	1.05	25.4	23.6
-	-	-	-	-	-	-

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Date Reported : Jun17 2002
Project Number : WP Class 3 LF
PO Number : Leachate Q-II 2002
FLDOH Number : E83018
NYSDOH Number : 11595
CTDPH Number : 0173
UTDOH Number : FLOW
NJDEP Number : FL015

For: Appendix II(C) Appendix1
Date Received: May23 2002 Lab Numbers: 11749-11750

REPORT OF ANALYSIS

Parameter	Unit	Reportable Detection Limit	%Rec	%RSD	11749 TANK1	11750 TANK2
Dilution_Factor		-	-	-	1.00	1.00
1,1,1-trichloroethan	ug/L	1.00	100.	1.62	<1.00	<1.00
1,1,1,2-tetrachloroe	ug/L	1.00	99.0	.960	<1.00	<1.00
1,1,2,2-tetrachloroe	ug/L	1.00	101.	.690	<1.00	<1.00
1,1,2-trichloroethan	ug/L	1.00	99.2	.850	<1.00	<1.00
1,1-dichloroethane	ug/L	1.00	103.	.060	<1.00	<1.00
1,1-dichloroethene	ug/L	1.00	101.	.240	<1.00	<1.00
1,2-dichloroethane	ug/L	1.00	99.9	2.41	<1.00	<1.00
1,2-dichloroethene	ug/L	1.00	101.	1.13	<1.00	<1.00
cis-1,2-dichloroethe	ug/L	1.00	103.	1.14	<1.00	<1.00
t-1,2-dichloroethene	ug/L	1.00	98.4	1.11	<1.00	<1.00
1,3-dichloropropane	ug/L	1.00	99.4	.780	<1.00	<1.00
2,2-dichloropropane	ug/L	1.00	107.	4.43	<1.00	<1.00
1,2-dichloropropane	ug/L	1.00	102.	1.39	<1.00	<1.00
1,2,4-trichlorobenze	ug/L	1.00	71.5	4.20	<1.00	<1.00
Bromochloromethane	ug/L	1.00	101.	.170	<1.00	<1.00
Bromodichloromethane	ug/L	1.00	100.	.380	<1.00	<1.00
Bromoform	ug/L	1.00	112.	.060	<1.00	<1.00
Bromomethane	ug/L	1.00	98.0	1.66	<1.00	<1.00
cis-1,3-dichloroprop	ug/L	1.00	101.	2.35	<1.00	<1.00
Carbon tetrachloride	ug/L	1.00	100.	1.98	<1.00	<1.00
Chlorobenzene	ug/L	1.00	97.6	2.64	<1.00	<1.00
Chloroethane	ug/L	1.00	98.7	.250	<1.00	<1.00
Chloroform	ug/L	1.00	100.	.140	<1.00	<1.00
Chloromethane	ug/L	1.00	110.	1.67	<1.00	<1.00
Dibromochloromethane	ug/L	1.00	98.6	1.18	<1.00	<1.00

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Date Reported : Jun17 2002
Project Number : WP Class 3 LF
PO Number : Leachate Q-II 2002
FLDOH Number : E83018
NYSDOH Number : 11595
CTDPH Number : 0173
UTDOH Number : FLOW
NJDEP Number : FL015

For: Appendix II(C) Appendix1
Date Received: May23 2002 Lab Numbers: 11749-11750

REPORT OF ANALYSIS

Parameter	Unit	Reportable Detection Limit	%Rec	%RSD	11749 TANK1	11750 TANK2
Dichlorodifluorometh	ug/L	1.00	60.9	3.54	<1.00	<1.00
Isobutyl alcohol	ug/L	1.00			<1.00	<1.00
Methylene chloride	ug/L	1.00	101.	1.64	<1.00	<1.00
trans-1,3,-dichlorop	ug/L	1.00	98.3	1.01	<1.00	<1.00
Tetrachloroethene	ug/L	1.00	137.	2.39	<1.00	<1.00
Trichlorofluorometha	ug/L	1.00	104.	.470	<1.00	<1.00
Trichloroethene	ug/L	1.00	102.	1.04	<1.00	<1.00
Vinyl chloride	ug/L	1.00	101.	1.40	<1.00	<1.00
o-dichlorobenzene	ug/L	1.00	98.4	1.72	<1.00	<1.00
m-dichlorobenzene	ug/L	1.00	102.	3.63	<1.00	<1.00
Para-dichlorobenzene	ug/L	1.00	98.9	.000	<1.00	<1.00
Benzene	ug/L	1.00	99.7	1.14	<1.00	<1.00
Ethylbenzene	ug/L	1.00	97.8	1.77	<1.00	<1.00
Styrene	ug/L	1.00	96.8	1.06	<1.00	<1.00
Toluene	ug/L	1.00	99.7	.350	<1.00	<1.00
Xylene	ug/L	1.00	97.6	.060	<1.00	<1.00
Naphthalene	ug/L	1.00	80.6	3.03	<1.00	<1.00
Acetone	ug/L	5.00	94.4	4.65	<5.00	<5.00
2-butanone	ug/L	1.00	115.	10.3	<1.00	<1.00
Carbon disulfide	ug/L	1.00	132.	1.31	<1.00	<1.00
2-Hexanone	ug/L	1.00	101.	3.36	<1.00	<1.00
Methyl_iodide	ug/L	1.00	131.	.610	<1.00	<1.00
4-methlyl-2-pentanon	ug/L	1.00	95.8	.480	<1.00	<1.00
Vinyl acetate	ug/L	5.00			<5.00	<5.00
1,2,3-trichloropropa	ug/L	1.00	137.	.380	<1.00	<1.00
Methacrylonitrile	ug/L	5.00			<5.00	<5.00

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Date Reported : Jun17 2002
Project Number : WP Class 3 LF
PO Number : Leachate Q-II 2002
FLDOH Number : E83018
NYSDOH Number : 11595
CTDPH Number : 0173
UTDOH Number : FLOW
NJDEP Number : FL015

For: Appendix II(C) Appendix1
Date Received: May23 2002 Lab Numbers: 11749-11750

REPORT OF ANALYSIS

Parameter	Unit	Reportable Detection Limit	%Rec	%RSD	11749 TANK1	11750 TANK2
Chloroprene	ug/L	5.00			<5.00	<5.00
Ethyl methacrylate	ug/L	5.00			<5.00	<5.00
Methyl Methacrylate	ug/L	2.00			<2.00	<2.00
Methylene bromide	ug/L	1.00			<1.00	<1.00
Propionitrile	ug/L	10.0			<10.0	<10.0
t-1,4-dichloro-2-but	ug/L	1.00			<1.00	<1.00
1,2-dibromo-3-chloro	ug/L	1.00	86.8	2.73	<1.00	<1.00
1,2-dibromoethane	ug/L	1.00	99.2	.100	<1.00	<1.00
1,1-dichloropropene	ug/L	1.00	102.	2.18	<1.00	<1.00
Acetonitrile	ug/L	10.0			<10.0	<10.0
Allyl chloride	ug/L	10.0			<10.0	<10.0
Spike_1,2-Dichloroet	ug/L	1.00	99.8	.000	30.7	30.6
Spike_Toluene-d8	ug/L	1.00	98.8	.070	31.2	31.0
Spike_Bromofluoroben	ug/L	1.00	99.1	1.05	25.4	23.6
-	-	-	-	-	-	-
Surr_Spike(TBP)	ug/L	1.00			38.4	28.8
Surr_Spike2(PHL)	ug/L	1.00			12.8	9.80
Surr_Spike3(2FB)	ug/L	1.00			16.4	9.00
2-Nitrophenol	ug/L	2.00			<2.00	<2.00
4-Chloro-3-methylphe	ug/L	2.00			<2.00	<2.00
2,4,6-trichloropheno	ug/L	2.00			<2.00	<2.00
2,4-Dichlorophenol	ug/L	2.00			<2.00	<2.00
2,4-Dimethylphenol	ug/L	2.00			<2.00	<2.00
2,4-Dinitrophenol	ug/L	5.00			<5.00	<5.00
2-chlorophenol	ug/L	2.00			<2.00	<2.00
2-methyl-4,6-dinitop	ug/L	2.00			<2.00	<2.00

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Received From:
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8864 Government Dr.
New Port Richey,FL 34654

Date Reported : Jun17 2002
Project Number : WP Class 3 LF
PO Number : Leachate Q-II 2002
FLDOH Number : E83018
NYSDOH Number : 11595
CTDPH Number : 0173
UTDOH Number : FLOW
NJDEP Number : FL015

For: Appendix II(C) Appendix1
Date Received: May23 2002 Lab Numbers: 11749-11750

REPORT OF ANALYSIS

Parameter	Unit	Reportable Detection Limit	%Rec	%RSD	11749 TANK1	11750 TANK2
4-Nitrophenol	ug/L	5.00			<5.00	<5.00
Pentachlorophenol	ug/L	2.00			<2.00	<2.00
Phenol	ug/L	2.00			<2.00	<2.00
3,3'-Dichlrbenzidene	ug/L	2.00			<2.00	<2.00
Bis(2-ethylhexyl)pht	ug/L	3.00			<3.00	3.19
Butyl benzyl phthala	ug/L	3.00			<3.00	<3.00
Di-n-butylphthalate	ug/L	3.00			<3.00	<3.00
Diethylphthalate	ug/L	3.00			<3.00	<3.00
Dimethylphthalate	ug/L	3.00			<3.00	<3.00
Dioctylphthalate	ug/L	3.00			<3.00	<3.00
N-Nitrsdimethylamine	ug/L	2.00			<2.00	<2.00
N-Nitrsdiphenylamine	ug/L	2.00			<2.00	<2.00
N-Ntrsdi-n-prpylmine	ug/L	2.00			<2.00	<2.00
2,4-dinitrotoluene	ug/L	2.00			<2.00	<2.00
2,6-Dinitrotoluene	ug/L	2.00			<2.00	<2.00
Isophorone	ug/L	2.00			<2.00	<2.00
Nitrobenzene	ug/L	2.00			<2.00	<2.00
Acenaphthylene	ug/L	2.00			<2.00	<2.00
Acenaphthene	ug/L	2.00			<2.00	<2.00
Anthracene	ug/L	2.00			<2.00	<2.00
Chrysene	ug/L	2.00			<2.00	<2.00
Fluoranthene	ug/L	2.00			<2.00	<2.00
Fluorene	ug/L	2.00			<2.00	<2.00
2-methyl-Naphthalene	ug/L	2.00			<2.00	<2.00
Phenanthrene	ug/L	2.00			<2.00	<2.00
Pyrene	ug/L	2.00			<2.00	<2.00

Certificate of Results

Sample integrity certified prior to analysis.Test results meet all requirements of the NELAC Standards, except as noted in the QA Report Section 4. This Report may not be reproduced in part, results relate only to items tested.

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Date Reported : Jun17 2002
Project Number : WP Class 3 LF
PO Number : Leachate Q-II 2002
FLDOH Number : E83018
NYSDOH Number : 11595
CTDPH Number : 0173
UTDOH Number : FLOW
NJDEP Number : FL015

For: Appendix II(C) Appendix1
Date Received: May23 2002 Lab Numbers: 11749-11750

REPORT OF ANALYSIS

Parameter	Unit	Reportable Detection Limit	%Rec	%RSD	11749 TANK1	11750 TANK2
Surr_Spike(FBP)	ug/L	1.00			29.1	13.9
4-Brmphnl_phnylether	ug/L	2.00			<2.00	<2.00
4-Chlrphnlphnylether	ug/L	2.00			<2.00	<2.00
B(2-chlrethox)methan	ug/L	2.00			<2.00	<2.00
B(2-chlrisprop)ether	ug/L	2.00			<2.00	<2.00
b(2-chlorethyl)ether	ug/L	2.00			<2.00	<2.00
2-Chloronapthalene	ug/L	2.00			<2.00	<2.00
Hexachlorobenzene	ug/L	2.00			<2.00	<2.00
Hexachlorobutadiene	ug/L	2.00			<2.00	<2.00
Hexachloroethane	ug/L	2.00			<2.00	<2.00
Hexachlorocyclopenta	ug/L	2.00			<2.00	<2.00
Surr_Spike(TPH)	ug/L	1.00			33.0	38.0
1,2,4,5-Tetrachlorob	ug/L	10.0			<10.0	<10.0
1,4-Naphthoquinone	ug/L	10.0			<10.0	<10.0
1-Naphthylamine	ug/L	10.0			<10.0	<10.0
2,3,4,6-Tetrachlorop	ug/L	10.0			<10.0	<10.0
2,4,5-Trichloropheno	ug/L	2.00			<2.00	<2.00
2,6-Dichlorophenol	ug/L	20.0			<20.0	<20.0
2-Acetylaminofluoren	ug/L	10.0			<10.0	<10.0
2-Naphthylamine	ug/L	10.0			<10.0	<10.0
3,3'-Dimethylbenzidi	ug/L	10.0			<10.0	<10.0
3-Methylcholanthrene	ug/L	10.0			<10.0	<10.0
4-Aminobiphenyl	ug/L	10.0			<10.0	<10.0
7,12-dimethylbenz(a)	ug/L	10.0			<10.0	<10.0
5-Nitro-o-toluidine	ug/L	10.0			<10.0	<10.0
Acetophenone	ug/L	10.0			<10.0	<10.0

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Date Reported : Jun17 2002
Project Number : WP Class 3 LF
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FLDOH Number : E83018
NYSDOH Number : 11595
CTDPH Number : 0173
UTDOH Number : FLOW
NJDEP Number : FL015

For: Appendix II(C) Appendix1
Date Received: May23 2002 Lab Numbers: 11749-11750

REPORT OF ANALYSIS

Parameter	Unit	Reportable Detection Limit	%Rec	%RSD	11749 TANK1	11750 TANK2
Benzyl alcohol	ug/L	5.00			<5.00	<5.00
Chlorobenzilate	ug/L	10.0			<10.0	<10.0
Diallate	ug/L	10.0			<10.0	<10.0
Dibenzofuran	ug/L	5.00			<5.00	<5.00
Dimethoate	ug/L	20.0			<20.0	<20.0
Diphenylamine	ug/L	10.0			<10.0	<10.0
Disulfoton	ug/L	2.00			<2.00	<2.00
Ethyl methanesulfona	ug/L	20.0			<20.0	<20.0
Famphur	ug/L	20.0			<20.0	<20.0
Hexachloropropene	ug/L	10.0			<10.0	<10.0
Isodrin	ug/L	20.0			<20.0	<20.0
Isosafrole	ug/L	10.0			<10.0	<10.0
Methylparathion	ug/L	10.0			<10.0	<10.0
Methapyrilene	ug/L	20.0			<20.0	<20.0
Methyl methanesulfon	ug/L	10.0			<10.0	<10.0
Cresol	ug/L	2.00			<2.00	<2.00
m-Dinitrobenzene	ug/L	10.0			<10.0	<10.0
m-Nitroaniline	ug/L	10.0			<10.0	<10.0
N-Nitrosodiethylamin	ug/L	5.00			<5.00	<5.00
N-Nitrosodi-n-butyla	ug/L	5.00			<5.00	<5.00
N-Nitrosomethylethyl	ug/L	10.0			<10.0	<10.0
N-Nitrosopiperidine	ug/L	10.0			<10.0	<10.0
N-Nitrosopyrrolidine	ug/L	20.0			<20.0	<20.0
o-Nitroaniline	ug/L	10.0			<10.0	<10.0
O,O,O-Triethylphosph	ug/L	10.0			<10.0	<10.0
O,O-diethyl-O,2-pyra	ug/L	10.0			<10.0	<10.0

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Date Reported : Jun17 2002
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PO Number : Leachate Q-II 2002
FLDOH Number : E83018
NYSDOH Number : 11595
CTDPH Number : 0173
UTDOH Number : FLOW
NJDEP Number : FL015

For: Appendix II(C) Appendix1
Date Received: May23 2002 Lab Numbers: 11749-11750

REPORT OF ANALYSIS

Parameter	Unit	Reportable Detection Limit	%Rec	%RSD	11749 TANK1	11750 TANK2
o-Toluidine	ug/L	10.0			<10.0	<10.0
Parathion	ug/L	10.0			<10.0	<10.0
Pentachlorobenzene	ug/L	10.0			<10.0	<10.0
Pentachloronitrobenz	ug/L	20.0			<20.0	<20.0
Phorate	ug/L	10.0			<10.0	<10.0
Phenacetin	ug/L	20.0			<20.0	<20.0
Pronamide	ug/L	10.0			<10.0	<10.0
p-Chloroaniline	ug/L	10.0			<10.0	<10.0
p-Nitroaniline	ug/L	20.0			<20.0	<20.0
p-Phenylenediamine	ug/L	10.0			<10.0	<10.0
p-(Dimethylamino)azo	ug/L	10.0			<10.0	<10.0
Safrole	ug/L	10.0			<10.0	<10.0
Trinitrobenzene	ug/L	10.0			<10.0	<10.0
Benzo(a)anthracene	ug/L	2.00			<2.00	<2.00
Benzo(b)fluoranthene	ug/L	2.00			<2.00	<2.00
Benzo(k)fluoranthene	ug/L	2.00			<2.00	<2.00
Benzo(g,h,i)perylene	ug/L	2.00			<2.00	<2.00
Benzo(a)pyrene	ug/L	2.00			<2.00	<2.00
Dibnz(a,h)anthracene	ug/L	2.00			<2.00	<2.00
Indn(1,2,3-cd)pyrene	ug/L	2.00			<2.00	<2.00
Kepone	ug/L	2.00			<2.00	<2.00
Surr_Spike(NBZ)	ug/L	1.00			22.5	15.0
Acid_Base_Extraction	ml	1.00			1000	1000
2,4-D	ug/L	0.250			<0.250	<0.250
2,4,5-TP(Silvex)	ug/L	0.250			<0.250	<0.250
2,4,5-T	ug/L	0.250			<0.250	<0.250

Certificate of Results

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Date Reported : Jun17 2002
Project Number : WP Class 3 LF
PO Number : Leachate Q-II 2002
FLDOH Number : E83018
NYSDOH Number : 11595
CTDPH Number : 0173
UTDOH Number : FLOW
NJDEP Number : FL015

For: Appendix II(C) Appendix1
Date Received: May23 2002 Lab Numbers: 11749-11750

REPORT OF ANALYSIS

Parameter	Unit	Reportable Detection Limit	%Rec	%RSD	11749 TANK1	11750 TANK2
Dinoseb	ug/L	0.250			<0.250	<0.250
Surrogate_Spike	ug/L	0.0100			0.500	1.06
Chlor_Herb_Extractio	ml	1.00			1000	1000
4,4'-DDD	ug/L	0.0250			<.0250	<.0250
4,4'-DDE	ug/L	0.0250			<.0250	<.0250
4,4'-DDT	ug/L	0.0250			<.0250	<.0250
a-BHC	ug/L	0.0250			<.0250	<.0250
Aldrin	ug/L	0.0250			<.0250	<.0250
b-BHC	ug/L	0.0250			<.0250	<.0250
Chlordane	ug/L	0.0250			<.0250	<.0250
d-BHC	ug/L	0.0250			<.0250	<.0250
Dieldrin	ug/L	0.0250			<.0250	<.0250
Endosulfan_I	ug/L	0.0250			<.0250	<.0250
Endosulfan_II	ug/L	0.0250			<.0250	<.0250
Endosulfan_sulfate	ug/L	0.0250			<.0250	<.0250
Endrin	ug/L	0.0250			<.0250	<.0250
Endrin_Aldehyde	ug/L	0.0250			<.0250	<.0250
g-BHC	ug/L	0.0250			<.0250	<.0250
Heptachlor	ug/L	0.0250			<.0250	<.0250
Heptachlor_Epoxide	ug/L	0.0250			<.0250	<.0250
Methoxychlor	ug/L	0.0250			<.0250	<.0250
Toxaphene	ug/L	0.500			<0.500	<0.500
PCB_1016	ug/L	0.100			<0.100	<0.100
PCB_1221	ug/L	0.100			<0.100	<0.100
PCB_1232	ug/L	0.100			<0.100	<0.100
PCB_1242	ug/L	0.100			<0.100	<0.100

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Project Number : WP Class 3 LF
PO Number : Leachate Q-II 2002
FLDOH Number : E83018
NYSDOH Number : 11595
CTDPH Number : 0173
UTDOH Number : FLOW
NJDEP Number : FL015

For: Appendix II(C) Appendix1
Date Received: May23 2002 Lab Numbers: 11749-11750

REPORT OF ANALYSIS

Parameter	Unit	Reportable Detection Limit	%Rec	%RSD	11749 TANK1	11750 TANK2
PCB_1248	ug/L	0.100			<0.100	<0.100
PCB_1254	ug/L	0.100			<0.100	<0.100
PCB_1260	ug/L	0.100			<0.100	<0.100
Intl_QA_Spike(DCB)	ug/L	.00010			0.104	0.137
Chlor_Pest_Extractio	ml	1.00			1000	1000
Cyanide	mg/L	0.0100	77.7	.380	<.0100	<.0100
Hydrogen Sulfide	mg/L	0.500	120.	.000	1.55	<0.500
Silver	mg/L	.00100	116.	2.08	<.0010	<.0010
Arsenic	mg/L	.00100	116.	.240	0.0220	.00300
Barium	mg/L	.00200	129.	2.06	0.0430	.00600
Beryllium	mg/L	.00100			<.0010	<.0010
Cadmium	mg/L	.00100	118.	1.20	<.0010	<.0010
Cobalt	mg/L	.00100	131.	6.70	<.0010	<.0010
Chromium	mg/L	.00100	140.	6.13	0.0160	.00400
Copper	mg/L	0.0100	116.	7.76	<.0100	<.0100
Mercury	mg/L	.00020	98.4	3.99	<.0002	<.0002
Lead	mg/L	.00100	113.	2.77	<.0010	.00100
Nickel	mg/L	.00100	126.	5.36	<.0010	<.0010
Antimony	mg/L	.00100	130.	.620	<.0010	<.0010
Selenium	mg/L	.00200	108.	1.36	<.0020	<.0020
Tin	mg/L	.00500			<.0050	<.0050
Thallium	mg/L	.00100	114.	2.39	<.0010	<.0010
Vanadium	mg/L	.00100			.00300	.00400
Zinc	mg/L	0.0100	104.	6.38	<.0100	<.0100

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Date Reported : Jun12 2002
Project Number : Res. Rec./CC-3
PO Number : n/a
FLDOH Number : E83018
NYSDOH Number : 11595
CTDPH Number : 0173
UTDOH Number : FLOW
NJDEP Number : FL015

For: PHENOLS
Date Received: May31 2002 Lab Numbers: 12010-12012

REPORT OF ANALYSIS

	Phenols mg/L
Accuracy:	79.5
Precision:	3.40
Det.Limit:	.00500
Client ID	
Lab Number	
TANK2	
12010	0.0160
SWPRIM	
12011	<0.00500
SWSEC	
12012	0.0170

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Section 1 of 5

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3609	FLOWERS CHEMICAL LABORATORIES																	
	ANALYTICAL RESULTS FORM												FLDOH Number E83018					
														QA	Section			
Parameter	Symbol	Unit	tank 2	SW-prim.	SW-sec.								Method	MDL	%RSD	%Rec	Analys	Date
Phenols	*	mg/L	0.0163	<0.005U	0.0169								EPA420.1	0.005	3.40	79.5	TRB	06-11-2002 11:37
			Date Received:		05-31-02	10:40	Typed:		06-12-02	Sent:		06-12-02						

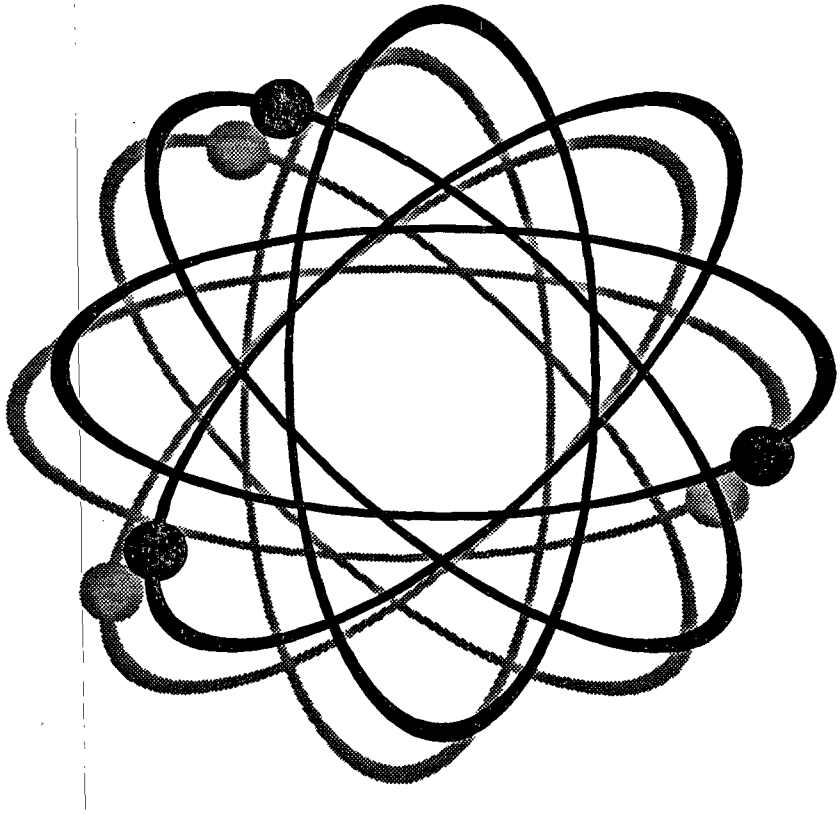
Project Number	Rec. Rec./CC-3	Qualifier Key	
PO Number	n/a	J	One or more QC sample associated with this data value exceeded lab QC limits.
Date Sampled	05-24-02 08:00	L	Off-scale high. Reported concentration exceeds the highest standard.
Date Analyzed	0	Q	Sample held beyond the accepted holding time.
Compacted		U	Indicates that the compound was analyzed for but not detected.
Format	NormL	V	Indicates that the analyte was detected in both the sample and the associated method blank.
Unit Cost	Exted		
PHE	3500 3 *		

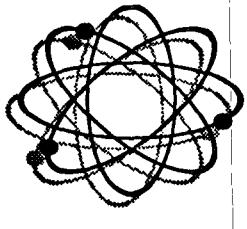
D.E.P.
JUL 15 2002
Southwest District Tampa

Quality Assurance Report

Prepared for: Pasco Co. Utilities Env. Lab
Project Number: Res. Rec./CC-3
Lab Numbers: 12010 - 12012

Report date: 12-Jun-02





FLOWERS CHEMICAL LABORATORIES

FLOWERS CHEMICAL LABORATORIES, INC.

QA SDG Narrative Summary

Client:	Pasco Co. Utilities Env. Lab
Project Number:	Res. Rec./CC-3
P.O. Number:	n/a
Date Sampled:	24-May-02
Lab Numbers:	12010 - 12012

Sample Handling

Sample handling and holding time criteria were met for all samples.

Samples Collected by Submitter. No unusual events occured during analysis.

Surrogate Compound Recoveries:

The requested analytes did not require surrogates.

Accuracy / Precision:

The recovery limits were met for all compounds in the matrix spike as shown in section 2.
The recovery limits were met for all compounds in the matrix spike duplicate as shown in section 2.
The RSD was met for all compounds as shown in section 2.

Method Blanks:

No target compounds were found in the method blank in excess of 5X the MDL as shown in section 3.

LCS Check Sample:

The control limits were met for all compounds as shown in section 4.

Standards Traceability:

The t-test limits were met for all calibration standards as shown in section 5.
The t-test limits were met for all LCS standards as shown in section 5.
The t-test limits were met for all matrix spike standards as shown in section 5.

FLOWERS CHEMICAL LABORATORIES, INC.

QA Section 2

Matrix Spike Recovery

Client: Pasco Co. Utilities Env. Lab
Project Number: Res. Rec./CC-3
P.O. Number: n/a
Date Sampled: 24-May-02

Analyte	Unit	Analysis Method	Date	Spike Added	Sample Conc.	MS Conc.	MS Rec.	MSD Conc.	MSD Rec.	Acceptable Limits	STD Rec.	Acceptable Limits
Phenols	mg/L	EPA420.1	06-11-2002 11:37	0.0400	********	0.0322	0.795	0.0334	0.826	0.018 - 0.059	0.000892	0 - 0.012

FLOWERS CHEMICAL LABORATORIES, INC.

QA Section 3

Method Blank Report

Client: Pasco Co. Utilities Env. Lab
Project Number: Res. Rec./CC-3
P.O. Number: n/a
Date Sampled: 24-May-02
Lab Numbers: 12010 - 12012

Analyte	Unit	Method	Date	Concentration
Phenols	mg/L	EPA420.1	06-11-2002 11:37	<0.005

QA Section 4

LCS Recovery

Client: Pasco Co. Utilities Env. Lab
Project Number: Res. Rec./CC-3
P.O. Number: n/a
Date Sampled: 24-May-02
Lab Numbers: 12010 - 12012

Analyte	Unit	Method	Date	LCS Expected	LCS Measured	Rec. %	Acceptable Limits
Phenols	mg/L	EPA420.1	06-11-2002 11:37	0.0300	0.0303	101%	0.020 - 0.040

3609	FLOWERS CHEMICAL LABORATORIES ANALYTICAL RESULTS FORM												FLDOH Number E83018					
			tank 1	tank 2										QA	Section			
Parameter	Symbol	Unit	11749	11750									Method	MDL	%RSD	%Rec	Analys	Date
Dilution Factor	*	#	1	1									EPA5030/	1			CLS	5/29/2002 08:00
Acrylonitrile	*	ug/L	<5U	<5U									EPA8260	5	2.48	87.1	CLS	5/29/2002 08:00
Acetone	*	ug/L	<5U	<5U									EPA8260	5	4.65	94.4	CLS	5/29/2002 08:00
Benzene	*	ug/L	<1U	<1U									EPA8260	1	1.14	99.7	CLS	5/29/2002 08:00
Bromochloromethane	*	ug/L	<1U	<1U									EPA8260	1	0.175	101	CLS	5/29/2002 08:00
Bromodichloromethane	*	ug/L	<1U	<1U									EPA8260	1	0.389	100	CLS	5/29/2002 08:00
Bromoform	*	ug/L	<1U	<1U									EPA8260	1	0.0630	112	CLS	5/29/2002 08:00
Carbon disulfide	*	ug/L	<1U	<1U									EPA8260	1	1.31	132	CLS	5/29/2002 08:00
Carbon tetrachloride	*	ug/L	<1U	<1U									EPA8260	1	1.98	100	CLS	5/29/2002 08:00
Chlorobenzene	*	ug/L	<1U	<1U									EPA8260	1	2.64	97.6	CLS	5/29/2002 08:00
Chloroethane	*	ug/L	<1U	<1U									EPA8260	1	0.251	98.7	CLS	5/29/2002 08:00
Chloroform	*	ug/L	<1U	<1U									EPA8260	1	0.141	100	CLS	5/29/2002 08:00
Dibromochloromethane	*	ug/L	<1U	<1U									EPA8260	1	1.18	98.6	CLS	5/29/2002 08:00
1,2-dibromo-3-chloroprop	*	ug/L	<1U	<1U									EPA8260	1	2.73	86.8	CLS	5/29/2002 08:00
1,2-dibromoethane	*	ug/L	<1U	<1U									EPA8260	1	0.107	99.2	CLS	5/29/2002 08:00
o-dichlorobenzene	*	ug/L	<1U	<1U									EPA8260	1	1.72	98.4	CLS	5/29/2002 08:00
Para-dichlorobenzene	*	ug/L	<1U	<1U									EPA8260	1	0	98.9	CLS	5/29/2002 08:00
t-1,4-dichloro-2-butene	*	ug/L	<1U	<1U									EPA8260	1			CLS	5/29/2002 08:00
1,1-dichloroethane	*	ug/L	<1U	<1U									EPA8260	1	0.0689	103	CLS	5/29/2002 08:00
1,2-dichloroethane	*	ug/L	<1U	<1U									EPA8260	1	2.41	99.9	CLS	5/29/2002 08:00
1,1-dichloroethene	*	ug/L	<1U	<1U									EPA8260	1	0.245	101	CLS	5/29/2002 08:00
cis-1,2-dichloroethene	*	ug/L	<1U	<1U									EPA8260	1	1.14	103	CLS	5/29/2002 08:00
t-1,2-dichloroethene	*	ug/L	<1U	<1U									EPA8260	1	1.11	98.4	CLS	5/29/2002 08:00
1,2-dichloropropane	*	ug/L	<1U	<1U									EPA8260	1	1.39	102	CLS	5/29/2002 08:00
cis-1,3-dichloropropene	*	ug/L	<1U	<1U									EPA8260	1	2.35	101	CLS	5/29/2002 08:00
trans-1,3,-dichloropropene	*	ug/L	<1U	<1U									EPA8260	1	1.01	98.3	CLS	5/29/2002 08:00
Ethylbenzene	*	ug/L	<1U	<1U									EPA8260	1	1.77	97.8	CLS	5/29/2002 08:00
2-Hexanone	*	ug/L	<1U	<1U									EPA8260	1	3.36	101	CLS	5/29/2002 08:00
Bromomethane	*	ug/L	<1U	<1U									EPA8260	1	1.66	98.0	CLS	5/29/2002 08:00
Chloromethane	*	ug/L	<1U	<1U									EPA8260	1	1.67	110	CLS	5/29/2002 08:00
Dibromomethane	*	ug/L	<1U	<1U									EPA8260	1	0.872	101	CLS	5/29/2002 08:00
Methylene chloride	*	ug/L	<1U	<1U									EPA8260	1	1.64	101	CLS	5/29/2002 08:00
2-butanone	*	ug/L	<1U	<1U									EPA8260	1	10.3	115	CLS	5/29/2002 08:00
Methyl Iodide	*	ug/L	<1U	<1U									EPA8260	1	0.619	131	CLS	5/29/2002 08:00
4-methyl-2-pentanone	*	ug/L	<1U	<1U									EPA8260	1	0.480	95.8	CLS	5/29/2002 08:00
Styrene	*	ug/L	<1U	<1U									EPA8260	1	1.06	96.8	CLS	5/29/2002 08:00
1,1,1,2-tetrachloroethane	*	ug/L	<1U	<1U									EPA8260	1	0.964	99.0	CLS	5/29/2002 08:00
1,1,2,2-tetrachloroethane	*	ug/L	<1U	<1U									EPA8260	1	0.698	101	CLS	5/29/2002 08:00
Tetrachloroethene	*	ug/L	<1U	<1U									EPA8260	1	2.39	137	CLS	5/29/2002 08:00
Toluene	*	ug/L	<1U	<1U									EPA8260	1	0.355	99.7	CLS	5/29/2002 08:00
1,1,1-trichloroethane	*	ug/L	<1U	<1U									EPA8260	1	1.62	100	CLS	5/29/2002 08:00
1,1,2-trichloroethane	*	ug/L	<1U	<1U									EPA8260	1	0.856	99.2	CLS	5/29/2002 08:00
Trichloroethene	*	ug/L	<1U	<1U									EPA8260	1	1.04	102	CLS	5/29/2002 08:00
Trichlorofluoromethane	*	ug/L	<1U	<1U									EPA8260	1	0.478	104	CLS	5/29/2002 08:00
1,2,3-trichloropropane	*	ug/L	<1U	<1U									EPA8260	1	0.388	137	CLS	5/29/2002 08:00
Vinyl chloride	*	ug/L	<1U	<1U									EPA8260	1	1.40	101	CLS	5/29/2002 08:00
Vinyl acetate	*	ug/L	<5U	<5U									EPA8260	5			CLS	5/29/2002 08:00
Xylene	*	ug/L	<1U	<1U									EPA8260	1	0.0604	97.6	CLS	5/29/2002 08:00
Spike 1,2-Dichloroethane	*	ug/L	30.7	30.6									EPA8260	1	0	99.8	CLS	5/29/2002 08:00
Spike Toluene-d8	*	ug/L	31.2	31									EPA8260	1	0.0716	98.8	CLS	5/29/2002 08:00

Spike_Bromofluorobenzer	*	ug/L	25.4	23.6									EPA8260	1	1.05	99.1	CLS	5/29/2002 08:00
-	*	-	-	-									-	0.001				
Dilution_Factor	*	#	1	1									EPA5030/	1			CLS	5/29/2002 08:00
1,1,1-trichloroethane	*	ug/L	<1U	<1U									EPA8260	1	1.62	100	CLS	5/29/2002 08:00
1,1,1,2-tetrachloroethane	*	ug/L	<1U	<1U									EPA8260	1	0.964	99.0	CLS	5/29/2002 08:00
1,1,2,2-tetrachloroethane	*	ug/L	<1U	<1U									EPA8260	1	0.698	101	CLS	5/29/2002 08:00
1,1,2-trichloroethane	*	ug/L	<1U	<1U									EPA8260	1	0.856	99.2	CLS	5/29/2002 08:00
1,1-dichloroethane	*	ug/L	<1U	<1U									EPA8260	1	0.0689	103	CLS	5/29/2002 08:00
1,1-dichloroethene	*	ug/L	<1U	<1U									EPA8260	1	0.245	101	CLS	5/29/2002 08:00
1,2-dichloroethane	*	ug/L	<1U	<1U									EPA8260	1	2.41	99.9	CLS	5/29/2002 08:00
1,2-dichloroethene	*	ug/L	<1U	<1U									EPA8260	1	1.13	101	CLS	5/29/2002 08:00
cis-1,2-dichloroethene	*	ug/L	<1U	<1U									EPA8260	1	1.14	103	CLS	5/29/2002 08:00
t-1,2-dichloroethene	*	ug/L	<1U	<1U									EPA8260	1	1.11	98.4	CLS	5/29/2002 08:00
1,3-dichloropropane	*	ug/L	<1U	<1U									EPA8260	1	0.783	99.4	CLS	5/29/2002 08:00
2,2-dichloropropane	*	ug/L	<1U	<1U									EPA8260	1	4.43	107	CLS	5/29/2002 08:00
1,2-dichloropropane	*	ug/L	<1U	<1U									EPA8260	1	1.39	102	CLS	5/29/2002 08:00
1,2,4-trichlorobenzene	*	ug/L	<1U	<1U									EPA8260	1	4.20	71.5	CLS	5/29/2002 08:00
Bromochloromethane	*	ug/L	<1U	<1U									EPA8260	1	0.175	101	CLS	5/29/2002 08:00
Bromodichloromethane	*	ug/L	<1U	<1U									EPA8260	1	0.389	100	CLS	5/29/2002 08:00
Bromoform	*	ug/L	<1U	<1U									EPA8260	1	0.0630	112	CLS	5/29/2002 08:00
Bromomethane	*	ug/L	<1U	<1U									EPA8260	1	1.66	98.0	CLS	5/29/2002 08:00
cis-1,3-dichloropropene	*	ug/L	<1U	<1U									EPA8260	1	2.35	101	CLS	5/29/2002 08:00
Carbon tetrachloride	*	ug/L	<1U	<1U									EPA8260	1	1.98	100	CLS	5/29/2002 08:00
Chlorobenzene	*	ug/L	<1U	<1U									EPA8260	1	2.64	97.6	CLS	5/29/2002 08:00
Chloroethane	*	ug/L	<1U	<1U									EPA8260	1	0.251	98.7	CLS	5/29/2002 08:00
Chloroform	*	ug/L	<1U	<1U									EPA8260	1	0.141	100	CLS	5/29/2002 08:00
Chloromethane	*	ug/L	<1U	<1U									EPA8260	1	1.67	110	CLS	5/29/2002 08:00
Dibromochloromethane	*	ug/L	<1U	<1U									EPA8260	1	1.18	98.6	CLS	5/29/2002 08:00
Dichlorodifluoromethane	*	ug/L	<1U	<1U									EPA8260	1	3.54	60.9	CLS	5/29/2002 08:00
Isobutyl alcohol	*	ug/L	<1U	<1U									EPA8260	1			CLS	5/29/2002 08:00
Methylene chloride	*	ug/L	<1U	<1U									EPA8260	1	1.64	101	CLS	5/29/2002 08:00
trans-1,3-dichloropropene	*	ug/L	<1U	<1U									EPA8260	1	1.01	98.3	CLS	5/29/2002 08:00
Tetrachloroethene	*	ug/L	<1U	<1U									EPA8260	1	2.39	137	CLS	5/29/2002 08:00
Trichlorofluoromethane	*	ug/L	<1U	<1U									EPA8260	1	0.478	104	CLS	5/29/2002 08:00
Trichloroethene	*	ug/L	<1U	<1U									EPA8260	1	1.04	102	CLS	5/29/2002 08:00
Vinyl chloride	*	ug/L	<1U	<1U									EPA8260	1	1.40	101	CLS	5/29/2002 08:00
o-dichlorobenzene	*	ug/L	<1U	<1U									EPA8260	1	1.72	98.4	CLS	5/29/2002 08:00
m-dichlorobenzene	*	ug/L	<1U	<1U									EPA8260	1	3.63	102	CLS	5/29/2002 08:00
Para-dichlorobenzene	*	ug/L	<1U	<1U									EPA8260	1	0	98.9	CLS	5/29/2002 08:00
Benzene	*	ug/L	<1U	<1U									EPA8260	1	1.14	99.7	CLS	5/29/2002 08:00
Ethylbenzene	*	ug/L	<1U	<1U									EPA8260	1	1.77	97.8	CLS	5/29/2002 08:00
Styrene	*	ug/L	<1U	<1U									EPA8260	1	1.06	96.8	CLS	5/29/2002 08:00
Toluene	*	ug/L	<1U	<1U									EPA8260	1	0.355	99.7	CLS	5/29/2002 08:00
Xylene	*	ug/L	<1U	<1U									EPA8260	1	0.0604	97.6	CLS	5/29/2002 08:00
Naphthalene	*	ug/L	<1U	<1U									EPA8260	1	3.03	80.6	CLS	5/29/2002 08:00
Acetone	*	ug/L	<5U	<5U									EPA8260	5	4.65	94.4	CLS	5/29/2002 08:00
2-butanone	*	ug/L	<1U	<1U									EPA8260	1	10.3	115	CLS	5/29/2002 08:00
Carbon disulfide	*	ug/L	<1U	<1U									EPA8260	1	1.31	132	CLS	5/29/2002 08:00
2-Hexanone	*	ug/L	<1U	<1U									EPA8260	1	3.36	101	CLS	5/29/2002 08:00
Methyl Iodide	*	ug/L	<1U	<1U									EPA8260	1	0.619	131	CLS	5/29/2002 08:00
4-methyl-2-pentanone	*	ug/L	<1U	<1U									EPA8260	1	0.480	95.8	CLS	5/29/2002 08:00
Vinyl acetate	*	ug/L	<5U	<5U									EPA8260	5			CLS	5/29/2002 08:00
1,2,3-trichloropropane	*	ug/L	<1U	<1U									EPA8260	1	0.388	137	CLS	5/29/2002 08:00
Methacrylonitrile	*	ug/L	<5U	<5U									EPA8260	5			CLS	5/29/2002 08:00

Chloroprene	*	ug/L	<5U	<5U									EPA8260	5			CLS	5/29/2002 08:00
Ethyl methacrylate	*	ug/L	<5U	<5U									EPA8260	5			CLS	5/29/2002 08:00
Methyl Methacrylate	*	ug/L	<2U	<2U									EPA8260	2			CLS	5/29/2002 08:00
Methylene bromide	*	ug/L	<1U	<1U									EPA8260	1			CLS	5/29/2002 08:00
Propionitrile	*	ug/L	<10U	<10U									EPA8260	10			CLS	5/29/2002 08:00
t-1,4-dichloro-2-butene	*	ug/L	<1U	<1U									EPA8260	1			CLS	5/29/2002 08:00
1,2-dibromo-3-chloroprop	*	ug/L	<1U	<1U									EPA8260	1	2.73	86.8	CLS	5/29/2002 08:00
1,2-dibromoethane	*	ug/L	<1U	<1U									EPA8260	1	0.107	99.2	CLS	5/29/2002 08:00
1,1-dichloropropene	*	ug/L	<1U	<1U									EPA8260	1	2.18	102	CLS	5/29/2002 08:00
Acetonitrile	*	ug/L	<10U	<10U									EPA8260	10			CLS	5/29/2002 08:00
Allyl chloride	*	ug/L	<10U	<10U									EPA8260	10			CLS	5/29/2002 08:00
Spike 1,2-Dichloroethane	*	ug/L	30.7	30.6									EPA8260	1	0	99.8	CLS	5/29/2002 08:00
Spike Toluene-d8	*	ug/L	31.2	31									EPA8260	1	0.0716	98.8	CLS	5/29/2002 08:00
Spike Bromofluorobenzer	*	ug/L	25.4	23.8									EPA8260	1	1.05	99.1	CLS	5/29/2002 08:00
-	*	-	-	-									-	0.001				
Surr Spike(TBP)	*	ug/L	36.4	28.8									EPA8270	1			CLS	5/28/2002 08:00
Surr Spike2(PHL)	*	ug/L	12.8	9.8									EPA8270	1			CLS	5/28/2002 08:00
Surr Spike3(2FB)	*	ug/L	16.4	9									EPA8270	1			CLS	5/28/2002 08:00
2-Nitrophenol	*	ug/L	<2U	<2U									EPA8270	2			CLS	5/28/2002 08:00
4-Chloro-3-methylphenol	*	ug/L	<2U	<2U									EPA8270	2			CLS	5/28/2002 08:00
2,4,6-trichlorophenol	*	ug/L	<2U	<2U									EPA8270	2			CLS	5/28/2002 08:00
2,4-Dichlorophenol	*	ug/L	<2U	<2U									EPA8270	2			CLS	5/28/2002 08:00
2,4-Dimethylphenol	*	ug/L	<2U	<2U									EPA8270	2			CLS	5/28/2002 08:00
2,4-Dinitrophenol	*	ug/L	<5U	<5U									EPA8270	5			CLS	5/28/2002 08:00
2-Chlorophenol	*	ug/L	<2U	<2U									EPA8270	2			CLS	5/28/2002 08:00
2-methyl-4,6-dinitophenol	*	ug/L	<2U	<2U									EPA8270	2			CLS	5/28/2002 08:00
4-Nitrophenol	*	ug/L	<5U	<5U									EPA8270	5			CLS	5/28/2002 08:00
Pentachlorophenol	*	ug/L	<2U	<2U									EPA8270	2			CLS	5/28/2002 08:00
Phenol	*	ug/L	<2U	<2U									EPA8270	2			CLS	5/28/2002 08:00
3,3'-Dichlrbenzidene	*	ug/L	<2U	<2U									EPA8270	2			CLS	5/28/2002 08:00
Bis(2-ethylhexyl)phthalate	*	ug/L	<3U	3.19J									EPA8270	3			CLS	5/28/2002 08:00
Butyl benzyl phthalate	*	ug/L	<3U	<3U									EPA8270	3			CLS	5/28/2002 08:00
Di-n-butylphthalate	*	ug/L	<3U	<3U									EPA8270	3			CLS	5/28/2002 08:00
Diethylphthalate	*	ug/L	<3U	<3U									EPA8270	3			CLS	5/28/2002 08:00
Dimethylphthalate	*	ug/L	<3U	<3U									EPA8270	3			CLS	5/28/2002 08:00
Dioctylphthalate	*	ug/L	<3U	<3U									EPA8270	3			CLS	5/28/2002 08:00
N-Nitrsdimethylamine	*	ug/L	<2U	<2U									EPA8270	2			CLS	5/28/2002 08:00
N-Nitrsdiphenylamine	*	ug/L	<2U	<2U									EPA8270	2			CLS	5/28/2002 08:00
N-Ntrsdi-n-prpylmine	*	ug/L	<2U	<2U									EPA8270	2			CLS	5/28/2002 08:00
2,4-Dinitrotoluene	*	ug/L	<2U	<2U									EPA8270	2			CLS	5/28/2002 08:00
2,6-Dinitrotoluene	*	ug/L	<2U	<2U									EPA8270	2			CLS	5/28/2002 08:00
Isophorone	*	ug/L	<2U	<2U									EPA8270	2			CLS	5/28/2002 08:00
Nitrobenzene	*	ug/L	<2U	<2U									EPA8270	2			CLS	5/28/2002 08:00
Acenaphthylene	*	ug/L	<2U	<2U									EPA8270	2			CLS	5/28/2002 08:00
Acenaphthene	*	ug/L	<2U	<2U									EPA8270	2			CLS	5/28/2002 08:00
Anthracene	*	ug/L	<2U	<2U									EPA8270	2			CLS	5/28/2002 08:00
Chrysene	*	ug/L	<2U	<2U									EPA8270	2			CLS	5/28/2002 08:00
Fluoranthene	*	ug/L	<2U	<2U									EPA8270	2			CLS	5/28/2002 08:00
Fluorene	*	ug/L	<2U	<2U									EPA8270	2			CLS	5/28/2002 08:00
2-Methyl-Naphthalene	*	ug/L	<2U	<2U									EPA8270	2			CLS	5/28/2002 08:00
Phenanthrene	*	ug/L	<2U	<2U									EPA8270	2			CLS	5/28/2002 08:00
Pyrene	*	ug/L	<2U	<2U									EPA8270	2			CLS	5/28/2002 08:00
Surr Spike(FBP)	*	ug/L	29.1	13.9									EPA8270	1			CLS	5/28/2002 08:00
4-Brmphnl phnylether	*	ug/L	<2U	<2U									EPA8270	2			CLS	5/28/2002 08:00

4-Chlrphniphnylether	*	ug/L	<2U	<2U									EPA8270	2			CLS	5/28/2002 08:00
B(2-chlrethox)methan	*	ug/L	<2U	<2U									EPA8270	2			CLS	5/28/2002 08:00
B(2-chlrisprop)ether	*	ug/L	<2U	<2U									EPA8270	2			CLS	5/28/2002 08:00
b(2-chlorethyl)ether	*	ug/L	<2U	<2U									EPA8270	2			CLS	5/28/2002 08:00
2-Chloronapthalene	*	ug/L	<2U	<2U									EPA8270	2			CLS	5/28/2002 08:00
Hexachlorobenzene	*	ug/L	<2U	<2U									EPA8270	2			CLS	5/28/2002 08:00
Hexachlorobutadiene	*	ug/L	<2U	<2U									EPA8270	2			CLS	5/28/2002 08:00
Hexachloroethane	*	ug/L	<2U	<2U									EPA8270	2			CLS	5/28/2002 08:00
Hexachlorocyclopentadien	*	ug/L	<2U	<2U									EPA8270	2			CLS	5/28/2002 08:00
Surr Spike(TPH)	*	ug/L	33	38									EPA8270	1			CLS	5/28/2002 08:00
1,2,4,5-Tetrachlorobenzen	*	ug/L	<10U	<10U									EPA8270	10			CLS	5/28/2002 08:00
1,4-Naphthoquinone	*	ug/L	<10U	<10U									EPA8270	10			CLS	5/28/2002 08:00
1-Naphthylamine	*	ug/L	<10U	<10U									EPA8270	10			CLS	5/28/2002 08:00
2,3,4,6-Tetrachlorophenol	*	ug/L	<10U	<10U									EPA8270	10			CLS	5/28/2002 08:00
2,4,5-Trichlorophenol	*	ug/L	<2U	<2U									EPA8270	2			CLS	5/28/2002 08:00
2,6-Dichlorophenol	*	ug/L	<20U	<20U									EPA8270	20			CLS	5/28/2002 08:00
2-Acetylaminofluorene	*	ug/L	<10U	<10U									EPA8270	10			CLS	5/28/2002 08:00
2-Naphthylamine	*	ug/L	<10U	<10U									EPA8270	10			CLS	5/28/2002 08:00
3,3'-Dimethylbenzidine	*	ug/L	<10U	<10U									EPA8270	10			CLS	5/28/2002 08:00
3-Methylcholanthrene	*	ug/L	<10U	<10U									EPA8270	10			CLS	5/28/2002 08:00
4-Aminobiphenyl	*	ug/L	<10U	<10U									EPA8270	10			CLS	5/28/2002 08:00
7,12-dimethylbenz(a)anth	*	ug/L	<10U	<10U									EPA8270	10			CLS	5/28/2002 08:00
5-Nitro-o-toluidine	*	ug/L	<10U	<10U									EPA8270	10			CLS	5/28/2002 08:00
Acetophenone	*	ug/L	<10U	<10U									EPA8270	10			CLS	5/28/2002 08:00
Benzyl alcohol	*	ug/L	<5U	<5U									EPA8270	5			CLS	5/28/2002 08:00
Chlorobenzilate	*	ug/L	<10U	<10U									EPA8270	10			CLS	5/28/2002 08:00
Diallate	*	ug/L	<10U	<10U									EPA8270	10			CLS	5/28/2002 08:00
Dibenzofuran	*	ug/L	<5U	<5U									EPA8270	5			CLS	5/28/2002 08:00
Dimethoate	*	ug/L	<20U	<20U									EPA8270	20			CLS	5/28/2002 08:00
Diphenylamine	*	ug/L	<10U	<10U									EPA8270	10			CLS	5/28/2002 08:00
Disulfoton	*	ug/L	<2U	<2U									EPA8270	2			CLS	5/28/2002 08:00
Ethyl methanesulfonate	*	ug/L	<20U	<20U									EPA8270	20			CLS	5/28/2002 08:00
Famphur	*	ug/L	<20U	<20U									EPA8270	20			CLS	5/28/2002 08:00
Hexachloropropene	*	ug/L	<10U	<10U									EPA8270	10			CLS	5/28/2002 08:00
Isodrin	*	ug/L	<20U	<20U									EPA8270	20			CLS	5/28/2002 08:00
Isosafrole	*	ug/L	<10U	<10U									EPA8270	10			CLS	5/28/2002 08:00
Parathion Methyl	*	ug/L	<10U	<10U									EPA8270	10			CLS	5/28/2002 08:00
Methapyrilene	*	ug/L	<20U	<20U									EPA8270	20			CLS	5/28/2002 08:00
Methyl methanesulfonate	*	ug/L	<10U	<10U									EPA8270	10			CLS	5/28/2002 08:00
Cresol	*	ug/L	<2U	<2U									EPA8270	2			CLS	5/28/2002 08:00
m-Dinitrobenzene	*	ug/L	<10U	<10U									EPA8270	10			CLS	5/28/2002 08:00
m-Nitroaniline	*	ug/L	<10U	<10U									EPA8270	10			CLS	5/28/2002 08:00
N-Nitrosodiethylamine	*	ug/L	<5U	<5U									EPA8270	5			CLS	5/28/2002 08:00
N-Nitrosodi-n-butylamine	*	ug/L	<5U	<5U									EPA8270	5			CLS	5/28/2002 08:00
N-Nitrosomethylethylamin	*	ug/L	<10U	<10U									EPA8270	10			CLS	5/28/2002 08:00
N-Nitrosopiperidine	*	ug/L	<10U	<10U									EPA8270	10			CLS	5/28/2002 08:00
N-Nitrosopyrrolidine	*	ug/L	<20U	<20U									EPA8270	20			CLS	5/28/2002 08:00
o-Nitroaniline	*	ug/L	<10U	<10U									EPA8270	10			CLS	5/28/2002 08:00
O,O,O-Triethylphosphorot	*	ug/L	<10U	<10U									EPA8270	10			CLS	5/28/2002 08:00
O,O-diethyl-0,2-pyrazinyl	*	ug/L	<10U	<10U									EPA8270	10			CLS	5/28/2002 08:00
o-Toluidine	*	ug/L	<10U	<10U									EPA8270	10			CLS	5/28/2002 08:00
Parathion	*	ug/L	<10U	<10U									EPA8270	10			CLS	5/28/2002 08:00
Pentachlorobenzene	*	ug/L	<10U	<10U									EPA8270	10			CLS	5/28/2002 08:00
Pentachloronitrobenzene	*	ug/L	<20U	<20U									EPA8270	20			CLS	5/28/2002 08:00

Phorate	*	ug/L	<10U	<10U									EPA8270	10			CLS	5/28/2002 08:00
Phenacetin	*	ug/L	<20U	<20U									EPA8270	20			CLS	5/28/2002 08:00
Pronamide	*	ug/L	<10U	<10U									EPA8270	10			CLS	5/28/2002 08:00
p-Chloroaniline	*	ug/L	<10U	<10U									EPA8270	10			CLS	5/28/2002 08:00
p-Nitroaniline	*	ug/L	<20U	<20U									EPA8270	20			CLS	5/28/2002 08:00
p-Phenylenediamine	*	ug/L	<10U	<10U									EPA8270	10			CLS	5/28/2002 08:00
p-(Dimethylamino)azoben	*	ug/L	<10U	<10U									EPA8270	10			CLS	5/28/2002 08:00
Safrole	*	ug/L	<10U	<10U									EPA8270	10			CLS	5/28/2002 08:00
Trinitrobenzene	*	ug/L	<10U	<10U									EPA8270	10			CLS	5/28/2002 08:00
Benzo(a)anthracene	*	ug/L	<2U	<2U									EPA8270	2			CLS	5/28/2002 08:00
Benzo(b)fluoranthene	*	ug/L	<2U	<2U									EPA8270	2			CLS	5/28/2002 08:00
Benzo(k)fluoranthene	*	ug/L	<2U	<2U									EPA8270	2			CLS	5/28/2002 08:00
Benzo(g,h,i)perylene	*	ug/L	<2U	<2U									EPA8270	2			CLS	5/28/2002 08:00
Benzo(a)pyrene	*	ug/L	<2U	<2U									EPA8270	2			CLS	5/28/2002 08:00
Dibnz(a,h)anthracene	*	ug/L	<2U	<2U									EPA8270	2			CLS	5/28/2002 08:00
Indn(1,2,3-cd)pyrene	*	ug/L	<2U	<2U									EPA8270	2			CLS	5/28/2002 08:00
Kepone	*	ug/L	<2U	<2U									EPA8270	2			CLS	5/28/2002 08:00
Surr Spike(NBZ)	*	ug/L	22.5	15									EPA8270	1			CLS	5/28/2002 08:00
Acid Base Extractions	*	ml	1000	1000									EPA3520	1			DPW	05-23-2002 12:36
2,4-D	*	ug/L	<0.25U	<0.25U									EPA8151	0.25			DOK	6/4/2002 08:00
2,4,5-TP(Silvex)	*	ug/L	<0.25U	<0.25U									EPA8151	0.25			DOK	6/4/2002 08:00
2,4,5-T	*	ug/L	<0.25U	<0.25U									EPA8151	0.25			DOK	6/4/2002 08:00
Dinoseb	*	ug/L	<0.25U	<0.25U									EPA8151	0.25			DOK	6/4/2002 08:00
Surrogate Spike	*	ug/L	0.5	1.06									EPA8151	0.01			DOK	6/4/2002 08:00
Chlor Herb Extraction	*	ml	1000	1000									EPA8151	1			FEA	05-29-2002 12:36
4,4'-DDD	*	ug/L	<0.025U	<0.025U									EPA8081	0.025			DOK	5/31/2002 08:00
4,4'-DDE	*	ug/L	<0.025U	<0.025U									EPA8081	0.025			DOK	5/31/2002 08:00
4,4'-DDT	*	ug/L	<0.025U	<0.025U									EPA8081	0.025			DOK	5/31/2002 08:00
a-BHC	*	ug/L	<0.025U	<0.025U									EPA8081	0.025			DOK	5/31/2002 08:00
Aldrin	*	ug/L	<0.025U	<0.025U									EPA8081	0.025			DOK	5/31/2002 08:00
b-BHC	*	ug/L	<0.025U	<0.025U									EPA8081	0.025			DOK	5/31/2002 08:00
Chlordane	*	ug/L	<0.025U	<0.025U									EPA8081	0.025			DOK	5/31/2002 08:00
d-BHC	*	ug/L	<0.025U	<0.025U									EPA8081	0.025			DOK	5/31/2002 08:00
Dieldrin	*	ug/L	<0.025U	<0.025U									EPA8081	0.025			DOK	5/31/2002 08:00
Endosulfan I	*	ug/L	<0.025U	<0.025U									EPA8081	0.025			DOK	5/31/2002 08:00
Endosulfan II	*	ug/L	<0.025U	<0.025U									EPA8081	0.025			DOK	5/31/2002 08:00
Endosulfan sulfate	*	ug/L	<0.025U	<0.025U									EPA8081	0.025			DOK	5/31/2002 08:00
Endrin	*	ug/L	<0.025U	<0.025U									EPA8081	0.025			DOK	5/31/2002 08:00
Endrin Aldehyde	*	ug/L	<0.025U	<0.025U									EPA8081	0.025			DOK	5/31/2002 08:00
g-BHC	*	ug/L	<0.025U	<0.025U									EPA8081	0.025			DOK	5/31/2002 08:00
Heptachlor	*	ug/L	<0.025U	<0.025U									EPA8081	0.025			DOK	5/31/2002 08:00
Heptachlor Epoxide	*	ug/L	<0.025U	<0.025U									EPA8081	0.025			DOK	5/31/2002 08:00
Methoxychlor	*	ug/L	<0.025U	<0.025U									EPA8081	0.025			DOK	5/31/2002 08:00
Toxaphene	*	ug/L	<0.5U	<0.5U									EPA8081	0.5			DOK	5/31/2002 08:00
PCB 1016	*	ug/L	<0.1U	<0.1U									EPA8082	0.1			DOK	5/31/2002 08:00
PCB 1221	*	ug/L	<0.1U	<0.1U									EPA8082	0.1			DOK	5/31/2002 08:00
PCB 1232	*	ug/L	<0.1U	<0.1U									EPA8082	0.1			DOK	5/31/2002 08:00
PCB 1242	*	ug/L	<0.1U	<0.1U									EPA8082	0.1			DOK	5/31/2002 08:00
PCB 1248	*	ug/L	<0.1U	<0.1U									EPA8082	0.1			DOK	5/31/2002 08:00
PCB 1254	*	ug/L	<0.1U	<0.1U									EPA8082	0.1			DOK	5/31/2002 08:00
PCB 1260	*	ug/L	<0.1U	<0.1U									EPA8082	0.1			DOK	5/31/2002 08:00
Intl QA Spike(DCB)	*	ug/L	0.104	0.137									EPA8081	0.0001			DOK	5/31/2002 08:00
Chlor Pest Extraction	*	ml	1000	1000									EPA3520	1			DPW	05-24-2002 12:36
Cyanide	*	mg/l	<0.01U	<0.01U									EPA335.2	0.01	0.382	77.7	pcw	05-30-2002 12:36

Hydrogen Sulfide	•	mg/L	1.55	<0.5									EPA376.1	0.5		120	TRB	05-27-2002 12:36
Silver	•	mg/L	<0.001U	<0.001U									EPA6020	0.001	2.08	116	EVB	5/23/2002 08:00
Arsenic	•	mg/L	0.0217	0.0027									EPA6020	0.001	0.249	116	EVB	5/23/2002 08:00
Barium	•	mg/L	0.0432	0.006									EPA6020	0.002	2.06	129	EVB	5/23/2002 08:00
Beryllium	•	mg/L	<0.001U	<0.001U									EPA6020	0.001			EVB	5/23/2002 08:00
Cadmium	•	mg/L	<0.001U	<0.001U									EPA6020	0.001	1.20	118	EVB	5/23/2002 08:00
Cobalt	•	mg/L	<0.001U	<0.001U									EPA6020	0.001	6.70	131	EVB	5/23/2002 08:00
Chromium	•	mg/L	0.0163	0.0038									EPA6020	0.001	6.13	140	EVB	5/23/2002 08:00
Copper	•	mg/L	<0.01U	<0.01U									EPA6020	0.01	7.76	116	EVB	5/23/2002 08:00
Mercury	•	mg/L	<0.0002U	<0.0002U									EPA7470	0.0002	3.99	98.4	WJD	05-28-2002 00:00
Lead	•	mg/L	<0.001U	0.0014									EPA6020	0.001	2.77	113	EVB	5/23/2002 08:00
Nickel	•	mg/L	<0.001U	<0.001U									EPA6020	0.001	5.36	126	EVB	5/23/2002 08:00
Antimony	•	mg/L	<0.001U	<0.001U									EPA6020	0.001	0.626	130	EVB	5/23/2002 08:00
Selenium	•	mg/L	<0.002U	<0.002U									EPA6020	0.002	1.36	108	EVB	5/23/2002 08:00
Tin	•	mg/L	<0.005U	<0.005U									EPA6020	0.005			EVB	5/23/2002 08:00
Thallium	•	mg/L	<0.001U	<0.001U									EPA6020	0.001	2.39	114	EVB	5/23/2002 08:00
Vanadium	•	mg/L	0.00269	0.0044									EPA6020	0.001			EVB	5/23/2002 08:00
Zinc	•	mg/L	<0.01U	<0.01U									EPA6020	0.01	6.38	104	EVB	5/23/2002 08:00

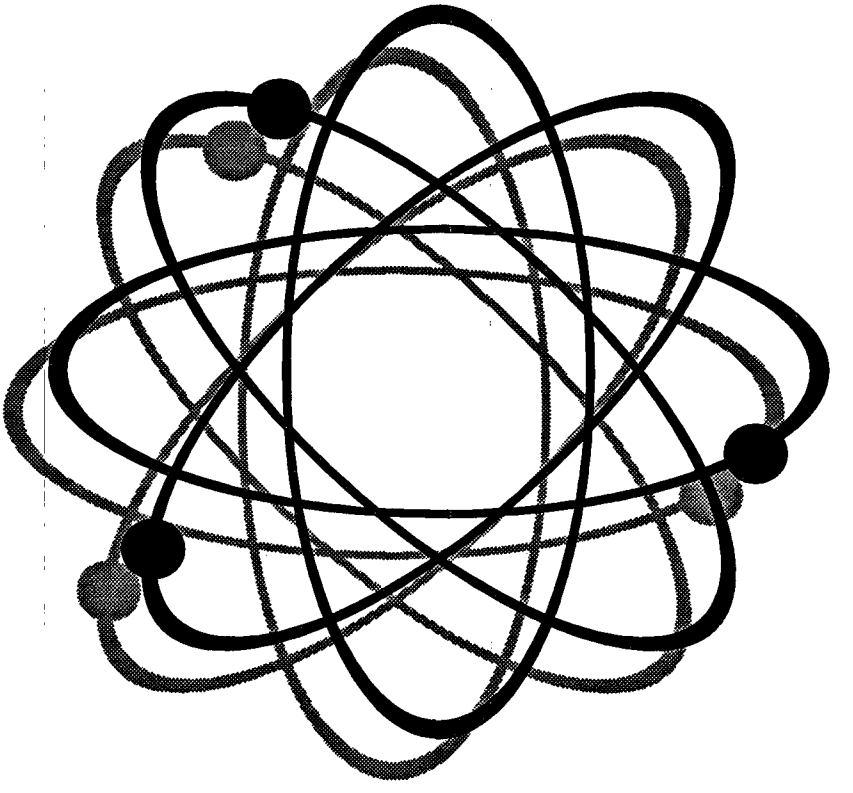
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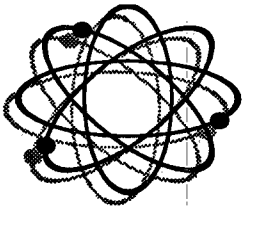
Project Number	WP Class 3 LF	Qualifier Key	
PO Number	Leachate Q-II 2002	J	One or more QC sample associated with this data value exceeded lab QC limits.
Date Sampled	05-21-02 14:00	L	Off-scale high. Reported concentration exceeds the highest standard.
Date Analyzed	0	Q	Sample held beyond the accepted holding time.
Compacted	1	U	Indicates that the compound was analyzed for but not detected.
Format	NormRR	V	Indicates that the analyte was detected in both the sample and the associated method blank.
Unit Cost	Exted		
Appendix II(C)	59500 2 •		
Appendix I	19500 2 •		

Quality Assurance Report

Prepared for: Pasco Co. Utilities Env. Lab
Project Number: WP Class 3 LF
Lab Numbers: 11749 - 11750

Report date: 17-Jun-02





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FLOWERS CHEMICAL LABORATORIES, INC.

QA SDG Narrative Summary

Client:	Pasco Co. Utilities Env. Lab
Project Number:	WP Class 3 LF
P.O. Number:	Leachate Q-II 2002
Date Sampled:	21-May-02
Lab Numbers:	11749 - 11750

Sample Handling

Sample handling and holding time criteria were met for all samples.

Samples Collected by Submitter. No unusual events occured during analysis.

Surrogate Compound Recoveries:

The recovery limits were met for all samples as shown in section 1. This represents complete success.

Accuracy / Precision:

The recovery limits were exceeded for 2 compounds in the matrix spike as shown in section 2. This represents a 98.2% success rate.
The recovery limits were exceeded for 2 compounds in the matrix spike duplicate as shown in section 2. This represents a 98.2% success rate.
The RSD was exceeded for 1 compound as shown in section 2. This represents a 99.1% success rate.

Method Blanks:

No target compounds were found in the method blank in excess of 5X the MDL as shown in section 3.

LCS Check Sample:

The control limits were exceeded for 2 compounds as shown in section 4. This represents a 98.9% success rate.

Standards Traceability:

The t-test limits were met for all calibration standards as shown in section 5.
The t-test limits were exceeded for 77 LCS standards as shown in section 5. This represents a 58.4% success rate.
The t-test limits were exceeded for 76 matrix spike standards as shown in section 5. This represents a 58.9% success rate.

FLOWERS CHEMICAL LABORATORIES, INC.

QA Section 1

Surrogate Compound Recovery

Client: Pasco Co. Utilities Env. Lab
Project Number: WP Class 3 LF
P.O. Number: Leachate Q-II 2002
Date Sampled: 21-May-02
Lab Numbers: 11749 - 11750

Surr_Spike(FBP) for EPA8270
Unit of measure: ug/L

Surrogate Expected: 50
Acceptability Limits: 2.7 - 54.4

Laboratory Number	Site Description	Surrogate Recovered	Percent Recovered
11749	tank 1	29.1	58.2
11750	tank 2	13.9	27.8

FLOWERS CHEMICAL LABORATORIES, INC.

QA Section 1

Surrogate Compound Recovery

Client: Pasco Co. Utilities Env. Lab
Project Number: WP Class 3 LF
P.O. Number: Leachate Q-II 2002
Date Sampled: 21-May-02
Lab Numbers: 11749 - 11750

Surr_Spike(TPH) for EPA8270
Unit of measure: ug/L

Surrogate Expected: 50
Acceptability Limits: 9.82 - 63.3

Laboratory Number	Site Description	Surrogate Recovered	Percent Recovered
11749	tank 1	33.0	66.0
11750	tank 2	38.0	76.0

FLOWERS CHEMICAL LABORATORIES, INC.

QA Section 1

Surrogate Compound Recovery

Client: Pasco Co. Utilities Env. Lab
Project Number: WP Class 3 LF
P.O. Number: Leachate Q-II 2002
Date Sampled: 21-May-02
Lab Numbers: 11749 - 11750

Surr_Spike(NBZ) for EPA8270
Unit of measure: ug/L

Surrogate Expected: 50
Acceptability Limits: 0.129 - 55.9

Laboratory Number	Site Description	Surrogate Recovered	Percent Recovered
11749	tank 1	22.5	45.0
11750	tank 2	15.0	30.0

FLOWERS CHEMICAL LABORATORIES, INC.

QA Section 1

Surrogate Compound Recovery

Client: Pasco Co. Utilities Env. Lab
Project Number: WP Class 3 LF
P.O. Number: Leachate Q-II 2002
Date Sampled: 21-May-02
Lab Numbers: 11749 - 11750

Surrogate_Spike for EPA8151
Unit of measure: ug/L

Surrogate Expected: 1
Acceptability Limits: 0.086 - 1.69

Laboratory Number	Site Description	Surrogate Recovered	Percent Recovered
11749	tank 1	0.500	50.0
11750	tank 2	1.060	106

FLOWERS CHEMICAL LABORATORIES, INC.

QA Section 1

Surrogate Compound Recovery

Client: Pasco Co. Utilities Env. Lab
Project Number: WP Class 3 LF
P.O. Number: Leachate Q-II 2002
Date Sampled: 21-May-02
Lab Numbers: 11749 - 11750

Intl_QA_Spike(DCB) for EPA8081 Surrogate Expected: 0.5
Unit of measure: ug/L Acceptability Limits: 0 - 0.763

Laboratory Number	Site Description	Surrogate Recovered	Percent Recovered
11749	tank 1	0.104	20.8
11750	tank 2	0.137	27.4

FLOWERS CHEMICAL LABORATORIES, INC.

QA Section 1

Surrogate Compound Recovery

Client: Pasco Co. Utilities Env. Lab
Project Number: WP Class 3 LF
P.O. Number: Leachate Q-II 2002
Date Sampled: 21-May-02
Lab Numbers: 11749 - 11750

Spike_1,2-Dichloroethane-d4 for EP/ Surrogate Expected: 30
Unit of measure: ug/L Acceptability Limits: 0 - 0

Laboratory Number	Site Description	Surrogate Recovered	Percent Recovered
11749	tank 1	30.7	102
11750	tank 2	30.6	102

FLOWERS CHEMICAL LABORATORIES, INC.

QA Section 1

Surrogate Compound Recovery

Client: Pasco Co. Utilities Env. Lab
Project Number: WP Class 3 LF
P.O. Number: Leachate Q-II 2002
Date Sampled: 21-May-02
Lab Numbers: 11749 - 11750

Spike_Toluene-d8 for EPA8260 Surrogate Expected: 30
Unit of measure: ug/L Acceptability Limits: 0 - 0

Laboratory Number	Site Description	Surrogate Recovered	Percent Recovered
11749	tank 1	31.2	104
11750	tank 2	31.0	103

FLOWERS CHEMICAL LABORATORIES, INC.

QA Section 1

Surrogate Compound Recovery

Client: Pasco Co. Utilities Env. Lab
Project Number: WP Class 3 LF
P.O. Number: Leachate Q-II 2002
Date Sampled: 21-May-02
Lab Numbers: 11749 - 11750

Spike_Bromofluorobenzene for EPA Surrogate Expected: 30
Unit of measure: ug/L Acceptability Limits: 0 - 0

Laboratory Number	Site Description	Surrogate Recovered	Percent Recovered
11749	tank 1	25.4	84.7
11750	tank 2	23.6	78.7

FLOWERS CHEMICAL LABORATORIES, INC.

QA Section 1

Surrogate Compound Recovery

Client: Pasco Co. Utilities Env. Lab
Project Number: WP Class 3 LF
P.O. Number: Leachate Q-II 2002
Date Sampled: 21-May-02
Lab Numbers: 11749 - 11750

Spike_1,2-Dichloroethane-d4 for EP/Surrogate Expected: 30
Unit of measure: ug/L Acceptability Limits: 0 - 0

Laboratory Number	Site Description	Surrogate Recovered	Percent Recovered
11749	tank 1	30.7	102
11750	tank 2	30.6	102

FLOWERS CHEMICAL LABORATORIES, INC.

QA Section 1

Surrogate Compound Recovery

Client: Pasco Co. Utilities Env. Lab
Project Number: WP Class 3 LF
P.O. Number: Leachate Q-II 2002
Date Sampled: 21-May-02
Lab Numbers: 11749 - 11750

Spike_Toluene-d8 for EPA8260 Surrogate Expected: 30
Unit of measure: ug/L Acceptability Limits: 0 - 0

Laboratory Number	Site Description	Surrogate Recovered	Percent Recovered
11749	tank 1	31.2	104
11750	tank 2	31.0	103

FLOWERS CHEMICAL LABORATORIES, INC.

QA Section 1

Surrogate Compound Recovery

Client: Pasco Co. Utilities Env. Lab
Project Number: WP Class 3 LF
P.O. Number: Leachate Q-II 2002
Date Sampled: 21-May-02
Lab Numbers: 11749 - 11750

Spike_Bromofluorobenzene for EPA Surrogate Expected: 30
Unit of measure: ug/L Acceptability Limits: 0 - 0

Laboratory Number	Site Description	Surrogate Recovered	Percent Recovered
11749	tank 1	25.4	84.7
11750	tank 2	23.6	78.7

FLOWERS CHEMICAL LABORATORIES, INC.

QA Section 1

Surrogate Compound Recovery

Client: Pasco Co. Utilities Env. Lab
Project Number: WP Class 3 LF
P.O. Number: Leachate Q-II 2002
Date Sampled: 21-May-02
Lab Numbers: 11749 - 11750

Surr_Spike(TBP) for EPA8270
Unit of measure: ug/L

Surrogate Expected: 50
Acceptability Limits: 4.87 - 54.6

Laboratory Number	Site Description	Surrogate Recovered	Percent Recovered
11749	tank 1	38.4	76.8
11750	tank 2	28.8	57.6

FLOWERS CHEMICAL LABORATORIES, INC.

QA Section 1

Surrogate Compound Recovery

Client: Pasco Co. Utilities Env. Lab
Project Number: WP Class 3 LF
P.O. Number: Leachate Q-II 2002
Date Sampled: 21-May-02
Lab Numbers: 11749 - 11750

Surr_Spike2(PHL) for EPA8270
Unit of measure: ug/L

Surrogate Expected: 50
Acceptability Limits: 0 - 52.2

Laboratory Number	Site Description	Surrogate Recovered	Percent Recovered
11749	tank 1	12.8	25.6
11750	tank 2	9.800	19.6

FLOWERS CHEMICAL LABORATORIES, INC.

QA Section 1

Surrogate Compound Recovery

Client: Pasco Co. Utilities Env. Lab
Project Number: WP Class 3 LF
P.O. Number: Leachate Q-II 2002
Date Sampled: 21-May-02
Lab Numbers: 11749 - 11750

Surr_Spike3(2FB) for EPA8270 Surrogate Expected: 50
Unit of measure: ug/L Acceptability Limits: 0 - 52.1

Laboratory Number	Site Description	Surrogate Recovered	Percent Recovered
11749	tank 1	16.4	32.8
11750	tank 2	9.000	18.0

QA Section 2

Matrix Spike Recovery

Client: Pasco Co. Utilities Env. Lab
Project Number: WP Class 3 LF
P.O. Number: Leachate Q-II 2002
Date Sampled: 21-May-02

Analyte	Unit	Analysis Method	Date	Spike Added	Sample Conc.	MS Conc.	MS Rec.	MSD Conc.	MSD Rec.	Acceptable Limits	STD Rec.	Acceptable Limits
Acrylonitrile	ug/L	EPA8260	5/29/2002 08:00	20.0	<5	17.1	0.855	17.7	0.885	11.6 - 25.9	0.424	0 - 3.98
Acetone	ug/L	EPA8260	5/29/2002 08:00	20.0	<5	19.5	0.975	18.3	0.915	8.96 - 29.9	0.849	0 - 5.46
Benzene	ug/L	EPA8260	5/29/2002 08:00	20.0	<1	20.1	1.000	19.8	0.990	13.9 - 25.3	0.212	0 - 3.48
Bromochloromethane	ug/L	EPA8260	5/29/2002 08:00	20.0	<1	20.2	1.010	20.2	1.010	13.5 - 26.3	0.000	0 - 3.84
Bromodichloromethane	ug/L	EPA8260	5/29/2002 08:00	20.0	<1	20.1	1.000	20.0	1.000	13.9 - 25.4	0.071	0 - 2.71
Bromoform	ug/L	EPA8260	5/29/2002 08:00	20.0	<1	22.5	1.130	22.5	1.130	11.7 - 26.8	0.000	0 - 3.39
Carbon disulfide	ug/L	EPA8260	5/29/2002 08:00	20.0	<1	26.7	1.340	26.2	1.310	9.45 - 31.6	0.354	0 - 4.88
Carbon tetrachloride	ug/L	EPA8260	5/29/2002 08:00	20.0	<1	20.3	1.010	19.7	0.985	11.7 - 27.7	0.424	0 - 3.81
Chlorobenzene	ug/L	EPA8260	5/29/2002 08:00	20.0	<1	19.9	0.995	19.2	0.960	15.4 - 24.1	0.495	0 - 2.36
Chloroethane	ug/L	EPA8260	5/29/2002 08:00	20.0	<1	19.7	0.985	19.8	0.990	9.55 - 29.5	0.071	0 - 5.35
Chloroform	ug/L	EPA8260	5/29/2002 08:00	20.0	<1	20.0	1.000	20.0	1.000	12.9 - 26.7	0.000	0 - 4.01
Dibromochloromethane	ug/L	EPA8260	5/29/2002 08:00	20.0	<1	19.9	0.995	19.6	0.980	14.0 - 25.4	0.212	0 - 2.87
1,2-dibromo-3-chloropropane	ug/L	EPA8260	5/29/2002 08:00	20.0	<1	17.7	0.885	17.0	0.850	10.6 - 27.3	0.495	0 - 3.60
1,2-dibromoethane	ug/L	EPA8260	5/29/2002 08:00	20.0	<1	19.8	0.990	19.9	0.995	14.7 - 24.9	0.071	0 - 2.93
o-dichlorobenzene	ug/L	EPA8260	5/29/2002 08:00	20.0	<1	19.9	0.995	19.4	0.970	14.7 - 24.7	0.354	0 - 2.20
Para-dichlorobenzene	ug/L	EPA8260	5/29/2002 08:00	20.0	<1	19.8	0.990	19.8	0.990	14.6 - 24.2	0.000	0 - 2.13
1,1-dichloroethane	ug/L	EPA8260	5/29/2002 08:00	20.0	<1	20.5	1.020	20.5	1.020	12.1 - 27.6	0.000	0 - 3.90
1,2-dichloroethane	ug/L	EPA8260	5/29/2002 08:00	20.0	<1	19.6	0.980	20.3	1.010	13.2 - 26.0	0.495	0 - 3.10
1,1-dichloroethene	ug/L	EPA8260	5/29/2002 08:00	20.0	<1	20.2	1.010	20.3	1.010	11.6 - 28.3	0.071	0 - 3.94
cis-1,2-dichloroethene	ug/L	EPA8260	5/29/2002 08:00	20.0	<1	20.7	1.030	20.4	1.020	14.5 - 25.2	0.212	0 - 2.96
t-1,2-dichloroethene	ug/L	EPA8260	5/29/2002 08:00	20.0	<1	19.8	0.990	19.5	0.975	11.9 - 27.0	0.212	0 - 3.69
1,2-dichloropropane	ug/L	EPA8260	5/29/2002 08:00	20.0	<1	20.5	1.020	20.1	1.000	14.1 - 25.2	0.283	0 - 2.88
cis-1,3-dichloropropene	ug/L	EPA8260	5/29/2002 08:00	20.0	<1	20.5	1.020	19.9	0.995	14.3 - 24.9	0.424	0 - 2.85
trans-1,3,-dichloropropene	ug/L	EPA8260	5/29/2002 08:00	20.0	<1	19.8	0.990	19.5	0.975	13.6 - 25.4	0.212	0 - 3.09
Ethylbenzene	ug/L	EPA8260	5/29/2002 08:00	20.0	<1	19.8	0.990	19.3	0.965	13.9 - 25.6	0.354	0 - 3.70
2-Hexanone	ug/L	EPA8260	5/29/2002 08:00	20.0	<1	20.7	1.030	19.7	0.985	11.2 - 27.4	0.707	0 - 3.78
Bromomethane	ug/L	EPA8260	5/29/2002 08:00	20.0	<1	19.4	0.970	19.8	0.990	10.4 - 29.8	0.283	0 - 5.07
Chloromethane	ug/L	EPA8260	5/29/2002 08:00	20.0	<1	22.3	1.120	21.8	1.090	9.60 - 27.5	0.354	0 - 4.21
Dibromomethane	ug/L	EPA8260	5/29/2002 08:00	20.0	<1	20.4	1.020	20.1	1.000	14.7 - 25.2	0.212	0 - 2.77
Methylene chloride	ug/L	EPA8260	5/29/2002 08:00	20.0	<1	20.0	1.000	20.5	1.020	11.3 - 28.8	0.354	0 - 4.26
2-butanone	ug/L	EPA8260	5/29/2002 08:00	20.0	<1	24.7	1.230	21.4	1.070	9.41 - 29.7	2.330	0 - 5.22
Methyl_iodide	ug/L	EPA8260	5/29/2002 08:00	20.0	<1	26.4	1.320	26.1	1.310	10.7 - 30.8	0.212	0 - 4.34
4-methlyl-2-pentanone	ug/L	EPA8260	5/29/2002 08:00	20.0	<1	19.1	0.955	19.2	0.960	8.88 - 27.4	0.071	0 - 3.77
Styrene	ug/L	EPA8260	5/29/2002 08:00	20.0	<1	19.5	0.975	19.2	0.960	12.1 - 29.0	0.212	0 - 4.15
1,1,1,2-tetrachloroethane	ug/L	EPA8260	5/29/2002 08:00	20.0	<1	19.9	0.995	19.7	0.985	15.0 - 25.1	0.141	0 - 2.74

QA Section 2

Matrix Spike Recovery

Client: Pasco Co. Utilities Env. Lab
Project Number: WP Class 3 LF
P.O. Number: Leachate Q-II 2002
Date Sampled: 21-May-02

Analyte	Unit	Analysis Method	Date	Spike Added	Sample Conc.	MS Conc.	MS Rec.	MSD Conc.	MSD Rec.	Acceptable Limits	STD Rec.	Acceptable Limits
1,1,2,2-tetrachloroethane	ug/L	EPA8260	5/29/2002 08:00	20.0	<1	20.2	1.010	20.4	1.020	10.8 - 27.4	0.141	0 - 4.01
Tetrachloroethene	ug/L	EPA8260	5/29/2002 08:00	20.0	<1	28.0	1.400	27.0	1.350	9.63 - 30.2	0.707	0 - 4.75
Toluene	ug/L	EPA8260	5/29/2002 08:00	20.0	<1	20.0	1.000	19.9	0.995	13.4 - 25.7	0.071	0 - 4.01
1,1,1-trichloroethane	ug/L	EPA8260	5/29/2002 08:00	20.0	<1	20.3	1.010	19.8	0.990	13.0 - 26.2	0.354	0 - 3.23
1,1,2-trichloroethane	ug/L	EPA8260	5/29/2002 08:00	20.0	<1	19.7	0.985	20.0	1.000	15.0 - 25.0	0.212	0 - 2.60
Trichloroethene	ug/L	EPA8260	5/29/2002 08:00	20.0	<1	20.6	1.030	20.3	1.010	13.6 - 28.8	0.212	0 - 3.72
Trichlorofluoromethane	ug/L	EPA8260	5/29/2002 08:00	20.0	<1	20.6	1.030	20.8	1.040	9.99 - 29.4	0.141	0 - 4.82
1,2,3-trichloropropane	ug/L	EPA8260	5/29/2002 08:00	20.0	<1	27.4	1.370	27.2	1.360	9.78 - 30.8	0.141	0 - 4.46
Vinyl chloride	ug/L	EPA8260	5/29/2002 08:00	20.0	<1	20.4	1.020	20.0	1.000	10.5 - 28.5	0.283	0 - 4.93
Xylene	ug/L	EPA8260	5/29/2002 08:00	60.0	<1	58.5	0.975	58.6	0.977	40.4 - 78.6	0.071	0 - 11.9
1,1,1-trichloroethane	ug/L	EPA8260	5/29/2002 08:00	20.0	<1	20.3	1.010	19.8	0.990	13.0 - 26.2	0.354	0 - 3.23
1,1,1,2-tetrachloroethane	ug/L	EPA8260	5/29/2002 08:00	20.0	<1	19.9	0.995	19.7	0.985	15.0 - 25.1	0.141	0 - 2.74
1,1,2,2-tetrachloroethane	ug/L	EPA8260	5/29/2002 08:00	20.0	<1	20.2	1.010	20.4	1.020	10.8 - 27.4	0.141	0 - 4.01
1,1,2-trichloroethane	ug/L	EPA8260	5/29/2002 08:00	20.0	<1	19.7	0.985	20.0	1.000	15.0 - 25.0	0.212	0 - 2.60
1,1-dichloroethane	ug/L	EPA8260	5/29/2002 08:00	20.0	<1	20.5	1.020	20.5	1.020	12.1 - 27.6	0.000	0 - 3.90
1,1-dichloroethene	ug/L	EPA8260	5/29/2002 08:00	20.0	<1	20.2	1.010	20.3	1.010	11.6 - 28.3	0.071	0 - 3.94
1,2-dichloroethane	ug/L	EPA8260	5/29/2002 08:00	20.0	<1	19.6	0.980	20.3	1.010	13.2 - 26.0	0.495	0 - 3.10
1,2-dichloroethene	ug/L	EPA8260	5/29/2002 08:00	40.0	<1	40.5	1.010	39.9	0.997	26.2 - 52.5	0.424	0 - 7.74
cis-1,2-dichloroethene	ug/L	EPA8260	5/29/2002 08:00	20.0	<1	20.7	1.030	20.4	1.020	14.5 - 25.2	0.212	0 - 2.96
t-1,2-dichloroethene	ug/L	EPA8260	5/29/2002 08:00	20.0	<1	19.8	0.990	19.5	0.975	11.9 - 27.0	0.212	0 - 3.69
1,3-dichloropropane	ug/L	EPA8260	5/29/2002 08:00	20.0	<1	20.0	1.000	19.8	0.990	14.6 - 25.3	0.141	0 - 2.83
2,2-dichloropropane	ug/L	EPA8260	5/29/2002 08:00	20.0	<1	22.1	1.110	20.7	1.030	8.16 - 27.4	0.990	0 - 5.37
1,2-dichloropropane	ug/L	EPA8260	5/29/2002 08:00	20.0	<1	20.5	1.020	20.1	1.000	14.1 - 25.2	0.283	0 - 2.88
1,2,4-trichlorobenzene	ug/L	EPA8260	5/29/2002 08:00	20.0	<1	14.7	0.735	13.9	0.695	9.96 - 27.0	0.566	0 - 4.09
Bromochloromethane	ug/L	EPA8260	5/29/2002 08:00	20.0	<1	20.2	1.010	20.2	1.010	13.5 - 26.3	0.000	0 - 3.84
Bromodichloromethane	ug/L	EPA8260	5/29/2002 08:00	20.0	<1	20.1	1.000	20.0	1.000	13.9 - 25.4	0.071	0 - 2.71
Bromoform	ug/L	EPA8260	5/29/2002 08:00	20.0	<1	22.5	1.130	22.5	1.130	11.7 - 26.8	0.000	0 - 3.39
Bromomethane	ug/L	EPA8260	5/29/2002 08:00	20.0	<1	19.4	0.970	19.8	0.990	10.4 - 29.8	0.283	0 - 5.07
cis-1,3-dichloropropene	ug/L	EPA8260	5/29/2002 08:00	20.0	<1	20.5	1.020	19.9	0.995	14.3 - 24.9	0.424	0 - 2.85
Carbon tetrachloride	ug/L	EPA8260	5/29/2002 08:00	20.0	<1	20.3	1.010	19.7	0.985	11.7 - 27.7	0.424	0 - 3.81
Chlorobenzene	ug/L	EPA8260	5/29/2002 08:00	20.0	<1	19.9	0.995	19.2	0.960	15.4 - 24.1	0.495	0 - 2.36
Chloroethane	ug/L	EPA8260	5/29/2002 08:00	20.0	<1	19.7	0.985	19.8	0.990	9.55 - 29.5	0.071	0 - 5.35
Chloroform	ug/L	EPA8260	5/29/2002 08:00	20.0	<1	20.0	1.000	20.0	1.000	12.9 - 26.7	0.000	0 - 4.01
Chloromethane	ug/L	EPA8260	5/29/2002 08:00	20.0	<1	22.3	1.120	21.8	1.090	9.60 - 27.5	0.354	0 - 4.21
Dibromochloromethane	ug/L	EPA8260	5/29/2002 08:00	20.0	<1	19.9	0.995	19.6	0.980	14.0 - 25.4	0.212	0 - 2.87

FLOWERS CHEMICAL LABORATORIES, INC.

QA Section 2

Matrix Spike Recovery

Client: Pasco Co. Utilities Env. Lab
Project Number: WP Class 3 LF
P.O. Number: Leachate Q-II 2002
Date Sampled: 21-May-02

Analyte	Unit	Analysis Method	Date	Spike Added	Sample Conc.	MS Conc.	MS Rec.	MSD Conc.	MSD Rec.	Acceptable Limits	STD Rec.	Acceptable Limits
Dichlorodifluoromethane	ug/L	EPA8260	5/29/2002 08:00	20.0	<1	12.5	0.625	11.9	0.595	7.96 - 27.9	0.424	0 - 4.52
Methylene chloride	ug/L	EPA8260	5/29/2002 08:00	20.0	<1	20.0	1.000	20.5	1.020	11.3 - 28.8	0.354	0 - 4.26
trans-1,3,-dichloropropene	ug/L	EPA8260	5/29/2002 08:00	20.0	<1	19.8	0.990	19.5	0.975	13.6 - 25.4	0.212	0 - 3.09
Tetrachloroethene	ug/L	EPA8260	5/29/2002 08:00	20.0	<1	28.0	1.400	27.0	1.350	9.63 - 30.2	0.707	0 - 4.75
Trichlorofluoromethane	ug/L	EPA8260	5/29/2002 08:00	20.0	<1	20.6	1.030	20.8	1.040	9.99 - 29.4	0.141	0 - 4.82
Trichloroethene	ug/L	EPA8260	5/29/2002 08:00	20.0	<1	20.6	1.030	20.3	1.010	13.6 - 28.8	0.212	0 - 3.72
Vinyl chloride	ug/L	EPA8260	5/29/2002 08:00	20.0	<1	20.4	1.020	20.0	1.000	10.5 - 28.5	0.283	0 - 4.93
o-dichlorobenzene	ug/L	EPA8260	5/29/2002 08:00	20.0	<1	19.9	0.995	19.4	0.970	14.7 - 24.7	0.354	0 - 2.20
m-dichlorobenzene	ug/L	EPA8260	5/29/2002 08:00	20.0	<1	21.0	1.050	19.9	0.995	14.6 - 24.4	0.778	0 - 2.21
Para-dichlorobenzene	ug/L	EPA8260	5/29/2002 08:00	20.0	<1	19.8	0.990	19.8	0.990	14.6 - 24.2	0.000	0 - 2.13
Benzene	ug/L	EPA8260	5/29/2002 08:00	20.0	<1	20.1	1.000	19.8	0.990	13.9 - 25.3	0.212	0 - 3.48
Ethylbenzene	ug/L	EPA8260	5/29/2002 08:00	20.0	<1	19.8	0.990	19.3	0.965	13.9 - 25.6	0.354	0 - 3.70
Styrene	ug/L	EPA8260	5/29/2002 08:00	20.0	<1	19.5	0.975	19.2	0.960	12.1 - 29.0	0.212	0 - 4.15
Toluene	ug/L	EPA8260	5/29/2002 08:00	20.0	<1	20.0	1.000	19.9	0.995	13.4 - 25.7	0.071	0 - 4.01
Xylene	ug/L	EPA8260	5/29/2002 08:00	60.0	<1	58.5	0.975	58.6	0.977	40.4 - 78.6	0.071	0 - 11.9
Naphthalene	ug/L	EPA8260	5/29/2002 08:00	20.0	<1	16.5	0.825	15.8	0.790	9.08 - 27.4	0.495	0 - 4.33
Acetone	ug/L	EPA8260	5/29/2002 08:00	20.0	<5	19.5	0.975	18.3	0.915	8.96 - 29.9	0.849	0 - 5.46
2-butanone	ug/L	EPA8260	5/29/2002 08:00	20.0	<1	24.7	1.230	21.4	1.070	9.41 - 29.7	2.330	0 - 5.22
Carbon disulfide	ug/L	EPA8260	5/29/2002 08:00	20.0	<1	26.7	1.340	26.2	1.310	9.45 - 31.6	0.354	0 - 4.88
2-Hexanone	ug/L	EPA8260	5/29/2002 08:00	20.0	<1	20.7	1.030	19.7	0.985	11.2 - 27.4	0.707	0 - 3.78
Methyl_Iodide	ug/L	EPA8260	5/29/2002 08:00	20.0	<1	26.4	1.320	26.1	1.310	10.7 - 30.8	0.212	0 - 4.34
4-methlyl-2-pentanone	ug/L	EPA8260	5/29/2002 08:00	20.0	<1	19.1	0.955	19.2	0.960	8.88 - 27.4	0.071	0 - 3.77
1,2,3-trichloropropane	ug/L	EPA8260	5/29/2002 08:00	20.0	<1	27.4	1.370	27.2	1.360	9.78 - 30.8	0.141	0 - 4.46
1,2-dibromo-3-chloropropane	ug/L	EPA8260	5/29/2002 08:00	20.0	<1	17.7	0.885	17.0	0.850	10.6 - 27.3	0.495	0 - 3.60
1,2-dibromoethane	ug/L	EPA8260	5/29/2002 08:00	20.0	<1	19.8	0.990	19.9	0.995	14.7 - 24.9	0.071	0 - 2.93
1,1-dichloropropene	ug/L	EPA8260	5/29/2002 08:00	20.0	<1	20.8	1.040	20.1	1.000	13.0 - 25.8	0.495	0 - 3.12
Cyanide	mg/L	EPA335.2	05-30-2002 12:36	0.2	<0.01	0.2	0.777	0.2	0.780	0.103 - 0.265	0.000	0 - 0.051
Hydrogen Sulfide	mg/L	EPA376.1	05-27-2002 12:36	1.5	<0.5	1.8	1.200	2.1	1.410	0.857 - 1.69	0.226	0 - 0.220
Silver	mg/L	EPA6020	5/23/2002 08:00	0.2	<0.001	0.2	1.150	0.2	1.180	0.070 - 0.315	0.004	0 - 0.070
Arsenic	mg/L	EPA6020	5/23/2002 08:00	0.2	0.002	0.2	1.160	0.2	1.170	0.106 - 0.323	0.001	0 - 0.057
Barium	mg/L	EPA6020	5/23/2002 08:00	0.2	0.009	0.3	1.280	0.3	1.300	0.168 - 0.303	0.004	0 - 0.031
Beryllium	mg/L	EPA6020	5/23/2002 08:00	0.2	<0.001	0.3	1.740	0.3	1.740	0.180 - 0.309	0.000	0 - 0.032
Cadmium	mg/L	EPA6020	5/23/2002 08:00	0.2	<0.001	0.2	1.170	0.2	1.190	0.154 - 0.275	0.002	0 - 0.031
Cobalt	mg/L	EPA6020	5/23/2002 08:00	0.2	<0.001	0.3	1.350	0.3	1.260	0.165 - 0.299	0.012	0 - 0.036
Chromium	mg/L	EPA6020	5/23/2002 08:00	0.2	<0.001	0.3	1.440	0.3	1.360	0.145 - 0.312	0.012	0 - 0.046

FLOWERS CHEMICAL LABORATORIES, INC.

QA Section 2

Matrix Spike Recovery

Client: Pasco Co. Utilities Env. Lab
Project Number: WP Class 3 LF
P.O. Number: Leachate Q-II 2002
Date Sampled: 21-May-02

Analyte	Unit	Analysis Method	Date	Spike Added	Sample Conc.	MS Conc.	MS Rec.	MSD Conc.	MSD Rec.	Acceptable Limits	STD Rec.	Acceptable Limits
Copper	mg/L	EPA6020	5/23/2002 08:00	0.2	<0.01	0.2	1.210	0.2	1.120	0.105 - 0.295	0.013	0 - 0.060
Mercury	mg/L	EPA7470	05-28-2002 00:00	0.0	<0.0002	0.0	0.984	0.0	1.030	0.004 - 0.006	0.000	0 - 0.001
Lead	mg/L	EPA6020	5/23/2002 08:00	0.2	<0.001	0.2	1.120	0.2	1.150	0.112 - 0.289	0.004	0 - 0.052
Nickel	mg/L	EPA6020	5/23/2002 08:00	0.2	<0.001	0.3	1.300	0.2	1.220	0.099 - 0.321	0.010	0 - 0.080
Antimony	mg/L	EPA6020	5/23/2002 08:00	0.2	<0.001	0.3	1.290	0.3	1.300	0.112 - 0.312	0.001	0 - 0.057
Selenium	mg/L	EPA6020	5/23/2002 08:00	0.2	<0.002	0.2	1.090	0.2	1.070	0.151 - 0.262	0.002	0 - 0.037
Thallium	mg/L	EPA6020	5/23/2002 08:00	0.2	<0.001	0.2	1.130	0.2	1.160	0.170 - 0.276	0.004	0 - 0.027
Vanadium	mg/L	EPA6020	5/23/2002 08:00	0.2	0.005	0.3	1.480	0.3	1.390	0.172 - 0.305	0.013	0 - 0.043
Zinc	mg/L	EPA6020	5/23/2002 08:00	0.2	<0.01	0.2	1.080	0.2	1.010	0.007 - 0.363	0.009	0 - 0.102

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Client: Pasco Co. Utilities Env. Lab
Project Number: WP Class 3 LF
P.O. Number: Leachate Q-II 2002
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Lab Numbers: 11749 - 11750

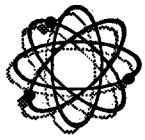
Analyte	Unit	Method	Date	Concentration
Acrylonitrile	ug/L	EPA8260	5/29/2002 08:00	<5
Acetone	ug/L	EPA8260	5/29/2002 08:00	<5
Benzene	ug/L	EPA8260	5/29/2002 08:00	<1
Bromochloromethane	ug/L	EPA8260	5/29/2002 08:00	<1
Bromodichloromethane	ug/L	EPA8260	5/29/2002 08:00	<1
Bromoform	ug/L	EPA8260	5/29/2002 08:00	<1
Carbon disulfide	ug/L	EPA8260	5/29/2002 08:00	<1
Carbon tetrachloride	ug/L	EPA8260	5/29/2002 08:00	<1
Chlorobenzene	ug/L	EPA8260	5/29/2002 08:00	<1
Chloroethane	ug/L	EPA8260	5/29/2002 08:00	<1
Chloroform	ug/L	EPA8260	5/29/2002 08:00	<1
Dibromochloromethane	ug/L	EPA8260	5/29/2002 08:00	<1
1,2-dibromo-3-chloropropane	ug/L	EPA8260	5/29/2002 08:00	<1
1,2-dibromoethane	ug/L	EPA8260	5/29/2002 08:00	<1
o-dichlorobenzene	ug/L	EPA8260	5/29/2002 08:00	<1
Para-dichlorobenzene	ug/L	EPA8260	5/29/2002 08:00	<1
t-1,4-dichloro-2-butene	ug/L	EPA8260	5/29/2002 08:00	<1
1,1-dichloroethane	ug/L	EPA8260	5/29/2002 08:00	<1
1,2-dichloroethane	ug/L	EPA8260	5/29/2002 08:00	<1
1,1-dichloroethene	ug/L	EPA8260	5/29/2002 08:00	<1
cis-1,2-dichloroethene	ug/L	EPA8260	5/29/2002 08:00	<1
t-1,2-dichloroethene	ug/L	EPA8260	5/29/2002 08:00	<1
1,2-dichloropropane	ug/L	EPA8260	5/29/2002 08:00	<1
cis-1,3-dichloropropene	ug/L	EPA8260	5/29/2002 08:00	<1
trans-1,3,-dichloropropene	ug/L	EPA8260	5/29/2002 08:00	<1
Ethylbenzene	ug/L	EPA8260	5/29/2002 08:00	<1
2-Hexanone	ug/L	EPA8260	5/29/2002 08:00	<1
Bromomethane	ug/L	EPA8260	5/29/2002 08:00	<1
Chloromethane	ug/L	EPA8260	5/29/2002 08:00	<1

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Client: Pasco Co. Utilities Env. Lab
Project Number: WP Class 3 LF
P.O. Number: Leachate Q-II 2002
Date Sampled: 21-May-02
Lab Numbers: 11749 - 11750

Analyte	Unit	Method	Date	Concentration
Dibromomethane	ug/L	EPA8260	5/29/2002 08:00	<1
Methylene chloride	ug/L	EPA8260	5/29/2002 08:00	<1
2-butanone	ug/L	EPA8260	5/29/2002 08:00	<1
Methyl_iodide	ug/L	EPA8260	5/29/2002 08:00	<1
4-methlyl-2-pentanone	ug/L	EPA8260	5/29/2002 08:00	<1
Styrene	ug/L	EPA8260	5/29/2002 08:00	<1
1,1,1,2-tetrachloroethane	ug/L	EPA8260	5/29/2002 08:00	<1
1,1,2,2-tetrachloroethane	ug/L	EPA8260	5/29/2002 08:00	<1
Tetrachloroethene	ug/L	EPA8260	5/29/2002 08:00	<1
Toluene	ug/L	EPA8260	5/29/2002 08:00	<1
1,1,1-trichloroethane	ug/L	EPA8260	5/29/2002 08:00	<1
1,1,2-trichloroethane	ug/L	EPA8260	5/29/2002 08:00	<1
Trichloroethene	ug/L	EPA8260	5/29/2002 08:00	<1
Trichlorofluoromethane	ug/L	EPA8260	5/29/2002 08:00	<1
1,2,3-trichloropropane	ug/L	EPA8260	5/29/2002 08:00	<1
Vinyl chloride	ug/L	EPA8260	5/29/2002 08:00	<1
Vinyl acetate	ug/L	EPA8260	5/29/2002 08:00	<5
Xylene	ug/L	EPA8260	5/29/2002 08:00	<1
1,1,1-trichloroethane	ug/L	EPA8260	5/29/2002 08:00	<1
1,1,1,2-tetrachloroethane	ug/L	EPA8260	5/29/2002 08:00	<1
1,1,2,2-tetrachloroethane	ug/L	EPA8260	5/29/2002 08:00	<1
1,1,2-trichloroethane	ug/L	EPA8260	5/29/2002 08:00	<1
1,1-dichloroethane	ug/L	EPA8260	5/29/2002 08:00	<1
1,1-dichloroethene	ug/L	EPA8260	5/29/2002 08:00	<1
1,2-dichloroethane	ug/L	EPA8260	5/29/2002 08:00	<1
1,2-dichloroethene	ug/L	EPA8260	5/29/2002 08:00	<1
cis-1,2-dichloroethene	ug/L	EPA8260	5/29/2002 08:00	<1
t-1,2-dichloroethene	ug/L	EPA8260	5/29/2002 08:00	<1
1,3-dichloropropane	ug/L	EPA8260	5/29/2002 08:00	<1



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Client: Pasco Co. Utilities Env. Lab
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Analyte	Unit	Method	Date	Concentration
2,2-dichloropropane	ug/L	EPA8260	5/29/2002 08:00	<1
1,2-dichloropropane	ug/L	EPA8260	5/29/2002 08:00	<1
1,2,4-trichlorobenzene	ug/L	EPA8260	5/29/2002 08:00	<1
Bromochloromethane	ug/L	EPA8260	5/29/2002 08:00	<1
Bromodichloromethane	ug/L	EPA8260	5/29/2002 08:00	<1
Bromoform	ug/L	EPA8260	5/29/2002 08:00	<1
Bromomethane	ug/L	EPA8260	5/29/2002 08:00	<1
cis-1,3-dichloropropene	ug/L	EPA8260	5/29/2002 08:00	<1
Carbon tetrachloride	ug/L	EPA8260	5/29/2002 08:00	<1
Chlorobenzene	ug/L	EPA8260	5/29/2002 08:00	<1
Chloroethane	ug/L	EPA8260	5/29/2002 08:00	<1
Chloroform	ug/L	EPA8260	5/29/2002 08:00	<1
Chloromethane	ug/L	EPA8260	5/29/2002 08:00	<1
Dibromochloromethane	ug/L	EPA8260	5/29/2002 08:00	<1
Dichlorodifluoromethane	ug/L	EPA8260	5/29/2002 08:00	<1
Isobutyl alcohol	ug/L	EPA8260	5/29/2002 08:00	<1
Methylene chloride	ug/L	EPA8260	5/29/2002 08:00	<1
trans-1,3,-dichloropropene	ug/L	EPA8260	5/29/2002 08:00	<1
Tetrachloroethene	ug/L	EPA8260	5/29/2002 08:00	<1
Trichlorofluoromethane	ug/L	EPA8260	5/29/2002 08:00	<1
Trichloroethene	ug/L	EPA8260	5/29/2002 08:00	<1
Vinyl chloride	ug/L	EPA8260	5/29/2002 08:00	<1
o-dichlorobenzene	ug/L	EPA8260	5/29/2002 08:00	<1
m-dichlorobenzene	ug/L	EPA8260	5/29/2002 08:00	<1
Para-dichlorobenzene	ug/L	EPA8260	5/29/2002 08:00	<1
Benzene	ug/L	EPA8260	5/29/2002 08:00	<1
Ethylbenzene	ug/L	EPA8260	5/29/2002 08:00	<1
Styrene	ug/L	EPA8260	5/29/2002 08:00	<1
Toluene	ug/L	EPA8260	5/29/2002 08:00	<1

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Client: Pasco Co. Utilities Env. Lab
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Date Sampled: 21-May-02
Lab Numbers: 11749 - 11750

Analyte	Unit	Method	Date	Concentration
Xylene	ug/L	EPA8260	5/29/2002 08:00	<1
Naphthalene	ug/L	EPA8260	5/29/2002 08:00	<1
Acetone	ug/L	EPA8260	5/29/2002 08:00	<5
2-butanone	ug/L	EPA8260	5/29/2002 08:00	<1
Carbon disulfide	ug/L	EPA8260	5/29/2002 08:00	<1
2-Hexanone	ug/L	EPA8260	5/29/2002 08:00	<1
Methyl_iodide	ug/L	EPA8260	5/29/2002 08:00	<1
4-methlyl-2-pentanone	ug/L	EPA8260	5/29/2002 08:00	<1
Vinyl acetate	ug/L	EPA8260	5/29/2002 08:00	<5
1,2,3-trichloropropane	ug/L	EPA8260	5/29/2002 08:00	<1
Methacrylonitrile	ug/L	EPA8260	5/29/2002 08:00	<5
Chloroprene	ug/L	EPA8260	5/29/2002 08:00	<5
Ethyl methacrylate	ug/L	EPA8260	5/29/2002 08:00	<5
Methyl Methacrylate	ug/L	EPA8260	5/29/2002 08:00	<2
Methylene bromide	ug/L	EPA8260	5/29/2002 08:00	<1
Propionitrile	ug/L	EPA8260	5/29/2002 08:00	<10
t-1,4-dichloro-2-butene	ug/L	EPA8260	5/29/2002 08:00	<1
1,2-dibromo-3-chloropropane	ug/L	EPA8260	5/29/2002 08:00	<1
1,2-dibromoethane	ug/L	EPA8260	5/29/2002 08:00	<1
1,1-dichloropropene	ug/L	EPA8260	5/29/2002 08:00	<1
Acetonitrile	ug/L	EPA8260	5/29/2002 08:00	<10
Allyl chloride	ug/L	EPA8260	5/29/2002 08:00	<10
2-Nitrophenol	ug/L	EPA8270	5/28/2002 08:00	<2
4-Chloro-3-methylphenol	ug/L	EPA8270	5/28/2002 08:00	<2
2,4,6-trichlorophenol	ug/L	EPA8270	5/28/2002 08:00	<2
2,4-Dichlorophenol	ug/L	EPA8270	5/28/2002 08:00	<2
2,4-Dimethylphenol	ug/L	EPA8270	5/28/2002 08:00	<2
2,4-Dinitrophenol	ug/L	EPA8270	5/28/2002 08:00	<5
2-Chlorophenol	ug/L	EPA8270	5/28/2002 08:00	<2

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Client: Pasco Co. Utilities Env. Lab
Project Number: WP Class 3 LF
P.O. Number: Leachate Q-II 2002
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Lab Numbers: 11749 - 11750

Analyte	Unit	Method	Date	Concentration
2-methyl-4,6-dinitophenol	ug/L	EPA8270	5/28/2002 08:00	<2
4-Nitrophenol	ug/L	EPA8270	5/28/2002 08:00	<5
Pentachlorophenol	ug/L	EPA8270	5/28/2002 08:00	<2
Phenol	ug/L	EPA8270	5/28/2002 08:00	<2
3,3'-Dichlrbenzidene	ug/L	EPA8270	5/28/2002 08:00	<2
Bis(2-ethylhexyl)phthalate	ug/L	EPA8270	5/28/2002 08:00	<3
Butyl benzyl phthalate	ug/L	EPA8270	5/28/2002 08:00	<3
Di-n-butylphthalate	ug/L	EPA8270	5/28/2002 08:00	<3
Diethylphthalate	ug/L	EPA8270	5/28/2002 08:00	<3
Dimethylphthalate	ug/L	EPA8270	5/28/2002 08:00	<3
Dioctylphthalate	ug/L	EPA8270	5/28/2002 08:00	<3
N-Nitrsdimethylamine	ug/L	EPA8270	5/28/2002 08:00	<2
N-Nitrsdiphenylamine	ug/L	EPA8270	5/28/2002 08:00	<2
N-Ntrsdi-n-prpylmine	ug/L	EPA8270	5/28/2002 08:00	<2
2,4-Dinitrotoluene	ug/L	EPA8270	5/28/2002 08:00	<2
2,6-Dinitrotoluene	ug/L	EPA8270	5/28/2002 08:00	<2
Isophorone	ug/L	EPA8270	5/28/2002 08:00	<2
Nitrobenzene	ug/L	EPA8270	5/28/2002 08:00	<2
Acenaphthylene	ug/L	EPA8270	5/28/2002 08:00	<2
Acenaphthene	ug/L	EPA8270	5/28/2002 08:00	<2
Anthracene	ug/L	EPA8270	5/28/2002 08:00	<2
Chrysene	ug/L	EPA8270	5/28/2002 08:00	<2
Fluoranthene	ug/L	EPA8270	5/28/2002 08:00	<2
Fluorene	ug/L	EPA8270	5/28/2002 08:00	<2
2-Methyl-Naphthalene	ug/L	EPA8270	5/28/2002 08:00	<2
Phenanthrene	ug/L	EPA8270	5/28/2002 08:00	<2
Pyrene	ug/L	EPA8270	5/28/2002 08:00	<2
4-Brmphnl_phnylether	ug/L	EPA8270	5/28/2002 08:00	<2
4-Chlrphnlphnylether	ug/L	EPA8270	5/28/2002 08:00	<2

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Client: Pasco Co. Utilities Env. Lab
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P.O. Number: Leachate Q-II 2002
Date Sampled: 21-May-02
Lab Numbers: 11749 - 11750

Analyte	Unit	Method	Date	Concentration
B(2-chlrethox)methan	ug/L	EPA8270	5/28/2002 08:00	<2
B(2-chlrisprop)ether	ug/L	EPA8270	5/28/2002 08:00	<2
b(2-chlorethyl)ether	ug/L	EPA8270	5/28/2002 08:00	<2
2-Chloronapthalene	ug/L	EPA8270	5/28/2002 08:00	<2
Hexachlorobenzene	ug/L	EPA8270	5/28/2002 08:00	<2
Hexachlorobutadiene	ug/L	EPA8270	5/28/2002 08:00	<2
Hexachloroethane	ug/L	EPA8270	5/28/2002 08:00	<2
Hexachlorocyclopentadiene	ug/L	EPA8270	5/28/2002 08:00	<2
1,2,4,5-Tetrachlorobenzene	ug/L	EPA8270	5/28/2002 08:00	<10
1,4-Naphthoquinone	ug/L	EPA8270	5/28/2002 08:00	<10
1-Naphthylamine	ug/L	EPA8270	5/28/2002 08:00	<10
2,3,4,6-Tetrachlorophenol	ug/L	EPA8270	5/28/2002 08:00	<10
2,4,5-Trichlorophenol	ug/L	EPA8270	5/28/2002 08:00	<2
2,6-Dichlorophenol	ug/L	EPA8270	5/28/2002 08:00	<20
2-Acetylaminofluorene	ug/L	EPA8270	5/28/2002 08:00	<10
2-Naphthylamine	ug/L	EPA8270	5/28/2002 08:00	<10
3,3'-Dimethylbenzidine	ug/L	EPA8270	5/28/2002 08:00	<10
3-Methylcholanthrene	ug/L	EPA8270	5/28/2002 08:00	<10
4-Aminobiphenyl	ug/L	EPA8270	5/28/2002 08:00	<10
7,12-dimethylbenz(a)anthracen	ug/L	EPA8270	5/28/2002 08:00	<10
5-Nitro-o-toluidine	ug/L	EPA8270	5/28/2002 08:00	<10
Acetophenone	ug/L	EPA8270	5/28/2002 08:00	<10
Benzyl alcohol	ug/L	EPA8270	5/28/2002 08:00	<5
Chlorobenzilate	ug/L	EPA8270	5/28/2002 08:00	<10
Diallate	ug/L	EPA8270	5/28/2002 08:00	<10
Dibenzofuran	ug/L	EPA8270	5/28/2002 08:00	<5
Dimethoate	ug/L	EPA8270	5/28/2002 08:00	<20
Diphenylamine	ug/L	EPA8270	5/28/2002 08:00	<10
Disulfoton	ug/L	EPA8270	5/28/2002 08:00	<2

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Client: Pasco Co. Utilities Env. Lab
Project Number: WP Class 3 LF
P.O. Number: Leachate Q-II 2002
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Lab Numbers: 11749 - 11750

Analyte	Unit	Method	Date	Concentration
Ethyl methanesulfonate	ug/L	EPA8270	5/28/2002 08:00	<20
Famphur	ug/L	EPA8270	5/28/2002 08:00	<20
Hexachloropropene	ug/L	EPA8270	5/28/2002 08:00	<10
Isodrin	ug/L	EPA8270	5/28/2002 08:00	<20
Isosafrole	ug/L	EPA8270	5/28/2002 08:00	<10
Parathion_Methyl	ug/L	EPA8270	5/28/2002 08:00	<10
Methapyrilene	ug/L	EPA8270	5/28/2002 08:00	<20
Methyl methanesulfonate	ug/L	EPA8270	5/28/2002 08:00	<10
Cresol	ug/L	EPA8270	5/28/2002 08:00	<2
m-Dinitrobenzene	ug/L	EPA8270	5/28/2002 08:00	<10
m-Nitroaniline	ug/L	EPA8270	5/28/2002 08:00	<10
N-Nitrosodiethylamine	ug/L	EPA8270	5/28/2002 08:00	<5
N-Nitrosodi-n-butylamine	ug/L	EPA8270	5/28/2002 08:00	<5
N-Nitrosomethylethylamine	ug/L	EPA8270	5/28/2002 08:00	<10
N-Nitrosopiperidine	ug/L	EPA8270	5/28/2002 08:00	<10
N-Nitrosopyrrolidine	ug/L	EPA8270	5/28/2002 08:00	<20
o-Nitroaniline	ug/L	EPA8270	5/28/2002 08:00	<10
O,O,O-Triethylphosphorothioat	ug/L	EPA8270	5/28/2002 08:00	<10
O,O-diethyl-0,2-pyrazinylphosp	ug/L	EPA8270	5/28/2002 08:00	<10
o-Toluidine	ug/L	EPA8270	5/28/2002 08:00	<10
Parathion	ug/L	EPA8270	5/28/2002 08:00	<10
Pentachlorobenzene	ug/L	EPA8270	5/28/2002 08:00	<10
Pentachloronitrobenzene	ug/L	EPA8270	5/28/2002 08:00	<20
Phorate	ug/L	EPA8270	5/28/2002 08:00	<10
Phenacetin	ug/L	EPA8270	5/28/2002 08:00	<20
Pronamide	ug/L	EPA8270	5/28/2002 08:00	<10
p-Chloroaniline	ug/L	EPA8270	5/28/2002 08:00	<10
p-Nitroaniline	ug/L	EPA8270	5/28/2002 08:00	<20
p-Phenylenediamine	ug/L	EPA8270	5/28/2002 08:00	<10

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Project Number: WP Class 3 LF
P.O. Number: Leachate Q-II 2002
Date Sampled: 21-May-02
Lab Numbers: 11749 - 11750

Analyte	Unit	Method	Date	Concentration
p-(Dimethylamino)azobenzene	ug/L	EPA8270	5/28/2002 08:00	<10
Safrole	ug/L	EPA8270	5/28/2002 08:00	<10
Trinitrobenzene	ug/L	EPA8270	5/28/2002 08:00	<10
Benzo(a)anthracene	ug/L	EPA8270	5/28/2002 08:00	<2
Benzo(b)fluoranthene	ug/L	EPA8270	5/28/2002 08:00	<2
Benzo(k)fluoranthene	ug/L	EPA8270	5/28/2002 08:00	<2
Benzo(g,h,i)perylene	ug/L	EPA8270	5/28/2002 08:00	<2
Benzo(a)pyrene	ug/L	EPA8270	5/28/2002 08:00	<2
Dibnz(a,h)anthracene	ug/L	EPA8270	5/28/2002 08:00	<2
Indn(1,2,3-cd)pyrene	ug/L	EPA8270	5/28/2002 08:00	<2
Kepone	ug/L	EPA8270	5/28/2002 08:00	<2
Acid_Base_Extractions	ml	EPA3520	05-23-2002 12:36	<1
2,4-D	ug/L	EPA8151	6/4/2002 08:00	<0.25
2,4,5-TP(Silvex)	ug/L	EPA8151	6/4/2002 08:00	<0.25
2,4,5-T	ug/L	EPA8151	6/4/2002 08:00	<0.25
Dinoseb	ug/L	EPA8151	6/4/2002 08:00	<0.25
Chlor_Herb_Extraction	ml	EPA8151	05-29-2002 12:36	<1
4,4'-DDD	ug/L	EPA8081	5/31/2002 08:00	<0.025
4,4'-DDE	ug/L	EPA8081	5/31/2002 08:00	<0.025
4,4'-DDT	ug/L	EPA8081	5/31/2002 08:00	<0.025
a-BHC	ug/L	EPA8081	5/31/2002 08:00	<0.025
Aldrin	ug/L	EPA8081	5/31/2002 08:00	<0.025
b-BHC	ug/L	EPA8081	5/31/2002 08:00	<0.025
Chlordane	ug/L	EPA8081	5/31/2002 08:00	<0.025
d-BHC	ug/L	EPA8081	5/31/2002 08:00	<0.025
Dieldrin	ug/L	EPA8081	5/31/2002 08:00	<0.025
Endosulfan_I	ug/L	EPA8081	5/31/2002 08:00	<0.025
Endosulfan_II	ug/L	EPA8081	5/31/2002 08:00	<0.025
Endosulfan_sulfate	ug/L	EPA8081	5/31/2002 08:00	<0.025

FLOWERS CHEMICAL LABORATORIES, INC.

QA Section 3

Method Blank Report

Client: Pasco Co. Utilities Env. Lab
Project Number: WP Class 3 LF
P.O. Number: Leachate Q-II 2002
Date Sampled: 21-May-02
Lab Numbers: 11749 - 11750

Analyte	Unit	Method	Date	Concentration
Endrin	ug/L	EPA8081	5/31/2002 08:00	<0.025
Endrin_Aldehyde	ug/L	EPA8081	5/31/2002 08:00	<0.025
g-BHC	ug/L	EPA8081	5/31/2002 08:00	<0.025
Heptachlor	ug/L	EPA8081	5/31/2002 08:00	<0.025
Heptachlor_Epoxide	ug/L	EPA8081	5/31/2002 08:00	<0.025
Methoxychlor	ug/L	EPA8081	5/31/2002 08:00	<0.025
Toxaphene	ug/L	EPA8081	5/31/2002 08:00	<0.5
PCB_1016	ug/L	EPA8082	5/31/2002 08:00	<0.1
PCB_1221	ug/L	EPA8082	5/31/2002 08:00	<0.1
PCB_1232	ug/L	EPA8082	5/31/2002 08:00	<0.1
PCB_1242	ug/L	EPA8082	5/31/2002 08:00	<0.1
PCB_1248	ug/L	EPA8082	5/31/2002 08:00	<0.1
PCB_1254	ug/L	EPA8082	5/31/2002 08:00	<0.1
PCB_1260	ug/L	EPA8082	5/31/2002 08:00	<0.1
Chlor_Pest_Extraction	ml	EPA3520	05-24-2002 12:36	<1
Cyanide	mg/L	EPA335.2	05-30-2002 12:36	<0.01
Hydrogen Sulfide	mg/L	EPA376.1	05-27-2002 12:36	<0.5
Silver	mg/L	EPA6020	5/23/2002 08:00	<0.001
Arsenic	mg/L	EPA6020	5/23/2002 08:00	<0.001
Barium	mg/L	EPA6020	5/23/2002 08:00	<0.002
Beryllium	mg/L	EPA6020	5/23/2002 08:00	<0.001
Cadmium	mg/L	EPA6020	5/23/2002 08:00	<0.001
Cobalt	mg/L	EPA6020	5/23/2002 08:00	<0.001
Chromium	mg/L	EPA6020	5/23/2002 08:00	<0.001
Copper	mg/L	EPA6020	5/23/2002 08:00	<0.01
Mercury	mg/L	EPA7470	05-28-2002 00:00	<0.0002
Lead	mg/L	EPA6020	5/23/2002 08:00	<0.001
Nickel	mg/L	EPA6020	5/23/2002 08:00	<0.001
Antimony	mg/L	EPA6020	5/23/2002 08:00	<0.001

FLOWERS CHEMICAL LABORATORIES, INC.

QA Section 3

Method Blank Report

Client: Pasco Co. Utilities Env. Lab
Project Number: WP Class 3 LF
P.O. Number: Leachate Q-II 2002
Date Sampled: 21-May-02
Lab Numbers: 11749 - 11750

Analyte	Unit	Method	Date	Concentration
Selenium	mg/L	EPA6020	5/23/2002 08:00	<0.002
Tin	mg/L	EPA6020	5/23/2002 08:00	<0.005
Thallium	mg/L	EPA6020	5/23/2002 08:00	<0.001
Vanadium	mg/L	EPA6020	5/23/2002 08:00	<0.001
Zinc	mg/L	EPA6020	5/23/2002 08:00	<0.01

FLOWERS CHEMICAL LABORATORIES, INC.

QA Section 4

LCS Recovery

Client: Pasco Co. Utilities Env. Lab
Project Number: WP Class 3 LF
P.O. Number: Leachate Q-II 2002
Date Sampled: 21-May-02
Lab Numbers: 11749 - 11750

Analyte	Unit	Method	Date	LCS Expected	LCS Measured	Rec. %	Acceptable Limits
Acrylonitrile	ug/L	EPA8260	5/29/2002 08:00	10.0	7.79	77.9%	4.33 - 13.8
Acetone	ug/L	EPA8260	5/29/2002 08:00	10.0	4.88	48.8%	4.56 - 15.2
Benzene	ug/L	EPA8260	5/29/2002 08:00	10.0	8.69	86.9%	6.27 - 13.5
Bromochloromethane	ug/L	EPA8260	5/29/2002 08:00	10.0	9.03	90.3%	6.85 - 12.8
Bromodichloromethane	ug/L	EPA8260	5/29/2002 08:00	10.0	8.66	86.6%	6.67 - 12.9
Bromoform	ug/L	EPA8260	5/29/2002 08:00	10.0	8.96	89.6%	5.48 - 14.1
Carbon disulfide	ug/L	EPA8260	5/29/2002 08:00	10.0	11.50	115%	4.75 - 16.5
Carbon tetrachloride	ug/L	EPA8260	5/29/2002 08:00	10.0	9.01	90.1%	5.49 - 13.9
Chlorobenzene	ug/L	EPA8260	5/29/2002 08:00	10.0	8.73	87.3%	7.19 - 12.9
Chloroethane	ug/L	EPA8260	5/29/2002 08:00	10.0	8.64	86.4%	4.31 - 15.9
Chloroform	ug/L	EPA8260	5/29/2002 08:00	10.0	9.06	90.6%	6.20 - 14.4
Dibromochloromethane	ug/L	EPA8260	5/29/2002 08:00	10.0	8.51	85.1%	6.68 - 12.7
1,2-dibromo-3-chloropropane	ug/L	EPA8260	5/29/2002 08:00	10.0	7.50	75.0%	4.55 - 13.2
1,2-dibromoethane	ug/L	EPA8260	5/29/2002 08:00	10.0	8.65	86.5%	6.76 - 12.6
o-dichlorobenzene	ug/L	EPA8260	5/29/2002 08:00	10.0	8.54	85.4%	6.59 - 13.5
Para-dichlorobenzene	ug/L	EPA8260	5/29/2002 08:00	10.0	8.75	87.5%	6.68 - 13.1
1,1-dichloroethane	ug/L	EPA8260	5/29/2002 08:00	10.0	9.05	90.5%	5.87 - 14.0
1,2-dichloroethane	ug/L	EPA8260	5/29/2002 08:00	10.0	8.99	89.9%	6.17 - 13.5
1,1-dichloroethene	ug/L	EPA8260	5/29/2002 08:00	10.0	8.77	87.7%	5.69 - 14.6
cis-1,2-dichloroethene	ug/L	EPA8260	5/29/2002 08:00	10.0	9.19	91.9%	6.80 - 13.0
t-1,2-dichloroethene	ug/L	EPA8260	5/29/2002 08:00	10.0	9.05	90.5%	5.86 - 13.6
1,2-dichloropropane	ug/L	EPA8260	5/29/2002 08:00	10.0	8.70	87.0%	6.60 - 13.1
cis-1,3-dichloropropene	ug/L	EPA8260	5/29/2002 08:00	10.0	8.92	89.2%	6.38 - 12.8
trans-1,3,-dichloropropene	ug/L	EPA8260	5/29/2002 08:00	10.0	8.50	85.0%	5.90 - 13.1
Ethylbenzene	ug/L	EPA8260	5/29/2002 08:00	10.0	8.84	88.4%	6.76 - 13.1
2-Hexanone	ug/L	EPA8260	5/29/2002 08:00	10.0	9.86	98.6%	4.77 - 13.8
Bromomethane	ug/L	EPA8260	5/29/2002 08:00	10.0	8.49	84.9%	5.56 - 15.4
Chloromethane	ug/L	EPA8260	5/29/2002 08:00	10.0	9.77	97.7%	4.86 - 14.7
Dibromomethane	ug/L	EPA8260	5/29/2002 08:00	10.0	8.74	87.4%	7.08 - 12.8

FLOWERS CHEMICAL LABORATORIES, INC.

QA Section 4

LCS Recovery

Client: Pasco Co. Utilities Env. Lab
Project Number: WP Class 3 LF
P.O. Number: Leachate Q-II 2002
Date Sampled: 21-May-02
Lab Numbers: 11749 - 11750

Analyte	Unit	Method	Date	LCS Expected	LCS Measured	Rec. %	Acceptable Limits
Methylene chloride	ug/L	EPA8260	5/29/2002 08:00	10.0	9.18	91.8%	5.50 - 15.6
2-butanone	ug/L	EPA8260	5/29/2002 08:00	10.0	12.60	126%	4.73 - 15.3
Methyl_iodide	ug/L	EPA8260	5/29/2002 08:00	10.0	10.80	108%	5.48 - 16.0
4-methlyl-2-pentanone	ug/L	EPA8260	5/29/2002 08:00	10.0	8.44	84.4%	4.06 - 13.6
Styrene	ug/L	EPA8260	5/29/2002 08:00	10.0	8.78	87.8%	6.17 - 14.4
1,1,1,2-tetrachloroethane	ug/L	EPA8260	5/29/2002 08:00	10.0	8.72	87.2%	6.87 - 12.8
1,1,2,2-tetrachloroethane	ug/L	EPA8260	5/29/2002 08:00	10.0	8.38	83.8%	5.36 - 14.4
Tetrachloroethene	ug/L	EPA8260	5/29/2002 08:00	10.0	12.20	122%	4.79 - 15.2
Toluene	ug/L	EPA8260	5/29/2002 08:00	10.0	8.81	88.1%	6.33 - 13.5
1,1,1-trichloroethane	ug/L	EPA8260	5/29/2002 08:00	10.0	9.07	90.7%	6.38 - 13.1
1,1,2-trichloroethane	ug/L	EPA8260	5/29/2002 08:00	10.0	8.61	86.1%	7.11 - 12.7
Trichloroethene	ug/L	EPA8260	5/29/2002 08:00	10.0	9.04	90.4%	7.30 - 14.6
Trichlorofluoromethane	ug/L	EPA8260	5/29/2002 08:00	10.0	8.65	86.5%	4.86 - 14.9
1,2,3-trichloropropane	ug/L	EPA8260	5/29/2002 08:00	10.0	11.40	114%	5.60 - 15.1
Vinyl chloride	ug/L	EPA8260	5/29/2002 08:00	10.0	8.77	87.7%	5.21 - 14.7
Xylene	ug/L	EPA8260	5/29/2002 08:00	30.0	26.40	88.0%	19.6 - 41.5
1,1,1-trichloroethane	ug/L	EPA8260	5/29/2002 08:00	10.0	9.07	90.7%	6.38 - 13.1
1,1,1,2-tetrachloroethane	ug/L	EPA8260	5/29/2002 08:00	10.0	8.72	87.2%	6.87 - 12.8
1,1,2,2-tetrachloroethane	ug/L	EPA8260	5/29/2002 08:00	10.0	8.38	83.8%	5.36 - 14.4
1,1,2-trichloroethane	ug/L	EPA8260	5/29/2002 08:00	10.0	8.61	86.1%	7.11 - 12.7
1,1-dichloroethane	ug/L	EPA8260	5/29/2002 08:00	10.0	9.05	90.5%	5.87 - 14.0
1,1-dichloroethene	ug/L	EPA8260	5/29/2002 08:00	10.0	8.77	87.7%	5.69 - 14.6
1,2-dichloroethane	ug/L	EPA8260	5/29/2002 08:00	10.0	8.99	89.9%	6.17 - 13.5
1,2-dichloroethene	ug/L	EPA8260	5/29/2002 08:00	20.0	18.20	91.0%	13.8 - 26.2
cis-1,2-dichloroethene	ug/L	EPA8260	5/29/2002 08:00	10.0	9.19	91.9%	6.80 - 13.0
t-1,2-dichloroethene	ug/L	EPA8260	5/29/2002 08:00	10.0	9.05	90.5%	5.86 - 13.6
1,3-dichloropropane	ug/L	EPA8260	5/29/2002 08:00	10.0	8.54	85.4%	7.06 - 12.6
2,2-dichloropropane	ug/L	EPA8260	5/29/2002 08:00	10.0	9.73	97.3%	3.68 - 14.4
1,2-dichloropropane	ug/L	EPA8260	5/29/2002 08:00	10.0	8.70	87.0%	6.60 - 13.1

FLOWERS CHEMICAL LABORATORIES, INC.

QA Section 4

LCS Recovery

Client: Pasco Co. Utilities Env. Lab
Project Number: WP Class 3 LF
P.O. Number: Leachate Q-II 2002
Date Sampled: 21-May-02
Lab Numbers: 11749 - 11750

Analyte	Unit	Method	Date	LCS Expected	LCS Measured	Rec. %	Acceptable Limits
1,2,4-trichlorobenzene	ug/L	EPA8260	5/29/2002 08:00	10.0	9.61	96.1%	2.71 - 13.5
Bromochloromethane	ug/L	EPA8260	5/29/2002 08:00	10.0	9.03	90.3%	6.85 - 12.8
Bromodichloromethane	ug/L	EPA8260	5/29/2002 08:00	10.0	8.66	86.6%	6.67 - 12.9
Bromoform	ug/L	EPA8260	5/29/2002 08:00	10.0	8.96	89.6%	5.48 - 14.1
Bromomethane	ug/L	EPA8260	5/29/2002 08:00	10.0	8.49	84.9%	5.56 - 15.4
cis-1,3-dichloropropene	ug/L	EPA8260	5/29/2002 08:00	10.0	8.92	89.2%	6.38 - 12.8
Carbon tetrachloride	ug/L	EPA8260	5/29/2002 08:00	10.0	9.01	90.1%	5.49 - 13.9
Chlorobenzene	ug/L	EPA8260	5/29/2002 08:00	10.0	8.73	87.3%	7.19 - 12.9
Chloroethane	ug/L	EPA8260	5/29/2002 08:00	10.0	8.64	86.4%	4.31 - 15.9
Chloroform	ug/L	EPA8260	5/29/2002 08:00	10.0	9.06	90.6%	6.20 - 14.4
Chloromethane	ug/L	EPA8260	5/29/2002 08:00	10.0	9.77	97.7%	4.86 - 14.7
Dibromochloromethane	ug/L	EPA8260	5/29/2002 08:00	10.0	8.51	85.1%	6.68 - 12.7
Dichlorodifluoromethane	ug/L	EPA8260	5/29/2002 08:00	10.0	5.08	50.8%	3.73 - 14.5
Methylene chloride	ug/L	EPA8260	5/29/2002 08:00	10.0	9.18	91.8%	5.50 - 15.6
trans-1,3,-dichloropropene	ug/L	EPA8260	5/29/2002 08:00	10.0	8.50	85.0%	5.90 - 13.1
Tetrachloroethene	ug/L	EPA8260	5/29/2002 08:00	10.0	12.20	122%	4.79 - 15.2
Trichlorofluoromethane	ug/L	EPA8260	5/29/2002 08:00	10.0	8.65	86.5%	4.86 - 14.9
Trichloroethene	ug/L	EPA8260	5/29/2002 08:00	10.0	9.04	90.4%	7.30 - 14.6
Vinyl chloride	ug/L	EPA8260	5/29/2002 08:00	10.0	8.77	87.7%	5.21 - 14.7
o-dichlorobenzene	ug/L	EPA8260	5/29/2002 08:00	10.0	8.54	85.4%	6.59 - 13.5
m-dichlorobenzene	ug/L	EPA8260	5/29/2002 08:00	10.0	8.92	89.2%	6.62 - 13.3
Para-dichlorobenzene	ug/L	EPA8260	5/29/2002 08:00	10.0	8.75	87.5%	6.68 - 13.1
Benzene	ug/L	EPA8260	5/29/2002 08:00	10.0	8.69	86.9%	6.27 - 13.5
Ethylbenzene	ug/L	EPA8260	5/29/2002 08:00	10.0	8.84	88.4%	6.76 - 13.1
Styrene	ug/L	EPA8260	5/29/2002 08:00	10.0	8.78	87.8%	6.17 - 14.4
Toluene	ug/L	EPA8260	5/29/2002 08:00	10.0	8.81	88.1%	6.33 - 13.5
Xylene	ug/L	EPA8260	5/29/2002 08:00	30.0	26.40	88.0%	19.6 - 41.5
Naphthalene	ug/L	EPA8260	5/29/2002 08:00	10.0	8.47	84.7%	2.70 - 13.5
Acetone	ug/L	EPA8260	5/29/2002 08:00	10.0	4.88	48.8%	4.56 - 15.2

FLOWERS CHEMICAL LABORATORIES, INC.

QA Section 4

LCS Recovery

Client: Pasco Co. Utilities Env. Lab
Project Number: WP Class 3 LF
P.O. Number: Leachate Q-II 2002
Date Sampled: 21-May-02
Lab Numbers: 11749 - 11750

Analyte	Unit	Method	Date	LCS Expected	LCS Measured	Rec. %	Acceptable Limits
2-butanone	ug/L	EPA8260	5/29/2002 08:00	10.0	12.60	126%	4.73 - 15.3
Carbon disulfide	ug/L	EPA8260	5/29/2002 08:00	10.0	11.50	115%	4.75 - 16.5
2-Hexanone	ug/L	EPA8260	5/29/2002 08:00	10.0	9.86	98.6%	4.77 - 13.8
Methyl_iodide	ug/L	EPA8260	5/29/2002 08:00	10.0	10.80	108%	5.48 - 16.0
4-methlyl-2-pentanone	ug/L	EPA8260	5/29/2002 08:00	10.0	8.44	84.4%	4.06 - 13.6
1,2,3-trichloropropane	ug/L	EPA8260	5/29/2002 08:00	10.0	11.40	114%	5.60 - 15.1
1,2-dibromo-3-chloropropane	ug/L	EPA8260	5/29/2002 08:00	10.0	7.50	75.0%	4.55 - 13.2
1,2-dibromoethane	ug/L	EPA8260	5/29/2002 08:00	10.0	8.65	86.5%	6.76 - 12.6
1,1-dichloropropene	ug/L	EPA8260	5/29/2002 08:00	10.0	9.37	93.7%	6.29 - 12.9
2-Nitrophenol	ug/L	EPA8270	5/28/2002 08:00	50.0	11.90	23.8%	7.17 - 55.6
4-Chloro-3-methylphenol	ug/L	EPA8270	5/28/2002 08:00	50.0	19.70	39.4%	7.64 - 53.0
2,4,6-trichlorophenol	ug/L	EPA8270	5/28/2002 08:00	50.0	13.50	27.0%	8.83 - 47.9
2,4-Dichlorophenol	ug/L	EPA8270	5/28/2002 08:00	50.0	9.74	19.5%	7.66 - 51.0
2,4-Dimethylphenol	ug/L	EPA8270	5/28/2002 08:00	50.0	8.37	16.7%	0 - 71.0
2,4-Dinitrophenol	ug/L	EPA8270	5/28/2002 08:00	50.0	22.80	45.6%	1.31 - 70.6
2-Chlorophenol	ug/L	EPA8270	5/28/2002 08:00	50.0	11.60	23.2%	4.31 - 57.3
2-methyl-4,6-dinitophenol	ug/L	EPA8270	5/28/2002 08:00	50.0	31.20	62.4%	11.9 - 55.7
4-Nitrophenol	ug/L	EPA8270	5/28/2002 08:00	50.0	19.50	39.0%	5.50 - 61.1
Pentachlorophenol	ug/L	EPA8270	5/28/2002 08:00	50.0	16.80	33.6%	12.4 - 54.3
Phenol	ug/L	EPA8270	5/28/2002 08:00	50.0	13.20	26.4%	2.25 - 61.6
Bis(2-ethylhexyl)phthalate	ug/L	EPA8270	5/28/2002 08:00	50.0	41.30	82.6%	16.0 - 68.2
Butyl benzyl phthalate	ug/L	EPA8270	5/28/2002 08:00	50.0	40.80	81.6%	8.06 - 64.2
Di-n-butylphthalate	ug/L	EPA8270	5/28/2002 08:00	50.0	36.10	72.2%	13.5 - 56.6
Diethylphthalate	ug/L	EPA8270	5/28/2002 08:00	50.0	31.60	63.2%	13.3 - 55.3
Dimethylphthalate	ug/L	EPA8270	5/28/2002 08:00	50.0	25.40	50.8%	14.2 - 50.6
Dioctylphthalate	ug/L	EPA8270	5/28/2002 08:00	50.0	40.70	81.4%	14.3 - 71.3
N-Nitrsdimethylamine	ug/L	EPA8270	5/28/2002 08:00	50.0	14.60	29.2%	0 - 74.4
N-Nitrsdiphenylamine	ug/L	EPA8270	5/28/2002 08:00	50.0	35.90	71.8%	6.85 - 58.7
N-Ntrsdi-n-prpylmine	ug/L	EPA8270	5/28/2002 08:00	50.0	11.70	23.4%	7.42 - 59.6

FLOWERS CHEMICAL LABORATORIES, INC.

QA Section 4

LCS Recovery

Client: Pasco Co. Utilities Env. Lab
Project Number: WP Class 3 LF
P.O. Number: Leachate Q-II 2002
Date Sampled: 21-May-02
Lab Numbers: 11749 - 11750

Analyte	Unit	Method	Date	LCS Expected	LCS Measured	Rec. %	Acceptable Limits
2,4-Dinitrotoluene	ug/L	EPA8270	5/28/2002 08:00	50.0	36.90	73.8%	12.2 - 60.1
2,6-Dinitrotoluene	ug/L	EPA8270	5/28/2002 08:00	50.0	28.90	57.8%	12.4 - 54.5
Isophorone	ug/L	EPA8270	5/28/2002 08:00	50.0	14.20	28.4%	5.41 - 59.7
Nitrobenzene	ug/L	EPA8270	5/28/2002 08:00	50.0	15.00	30.0%	3.87 - 61.4
Acenaphthylene	ug/L	EPA8270	5/28/2002 08:00	50.0	13.90	27.8%	0 - 57.0
Acenaphthene	ug/L	EPA8270	5/28/2002 08:00	50.0	15.90	31.8%	1.30 - 56.0
Anthracene	ug/L	EPA8270	5/28/2002 08:00	50.0	33.20	66.4%	9.06 - 60.2
Chrysene	ug/L	EPA8270	5/28/2002 08:00	50.0	46.00	92.0%	13.9 - 65.0
Fluoranthene	ug/L	EPA8270	5/28/2002 08:00	50.0	36.30	72.6%	10.5 - 60.7
Fluorene	ug/L	EPA8270	5/28/2002 08:00	50.0	22.10	44.2%	4.78 - 59.0
2-Methyl-Naphthalene	ug/L	EPA8270	5/28/2002 08:00	50.0	15.00	30.0%	0 - 52.3
Phenanthrene	ug/L	EPA8270	5/28/2002 08:00	50.0	31.20	62.4%	9.51 - 55.9
Pyrene	ug/L	EPA8270	5/28/2002 08:00	50.0	36.50	73.0%	12.2 - 67.2
4-Brmphnl_phnylether	ug/L	EPA8270	5/28/2002 08:00	50.0	28.30	56.6%	16.0 - 49.4
4-Chlrphnlphnylether	ug/L	EPA8270	5/28/2002 08:00	50.0	20.90	41.8%	10.6 - 51.2
B(2-chlrethox)methan	ug/L	EPA8270	5/28/2002 08:00	50.0	14.90	29.8%	6.70 - 55.6
B(2-chlrisprop)ether	ug/L	EPA8270	5/28/2002 08:00	50.0	11.90	23.8%	3.24 - 61.7
b(2-chlorethyl)ether	ug/L	EPA8270	5/28/2002 08:00	50.0	15.00	30.0%	4.93 - 57.5
2-Chloronapthalene	ug/L	EPA8270	5/28/2002 08:00	50.0	13.00	26.0%	8.00 - 51.4
Hexachlorobenzene	ug/L	EPA8270	5/28/2002 08:00	50.0	31.90	63.8%	15.6 - 51.1
Hexachlorobutadiene	ug/L	EPA8270	5/28/2002 08:00	50.0	11.80	23.6%	3.92 - 57.4
Hexachloroethane	ug/L	EPA8270	5/28/2002 08:00	50.0	9.27	18.5%	0 - 70.4
Hexachlorocyclopentadiene	ug/L	EPA8270	5/28/2002 08:00	50.0	6.13	12.3%	0 - 67.6
Benzo(a)anthracene	ug/L	EPA8270	5/28/2002 08:00	50.0	40.80	81.6%	14.5 - 61.3
Benzo(b)fluoranthene	ug/L	EPA8270	5/28/2002 08:00	50.0	40.00	80.0%	12.1 - 65.6
Benzo(k)fluoranthene	ug/L	EPA8270	5/28/2002 08:00	50.0	43.50	87.0%	11.5 - 67.7
Benzo(g,h,i)perylene	ug/L	EPA8270	5/28/2002 08:00	50.0	43.10	86.2%	12.2 - 65.5
Benzo(a)pyrene	ug/L	EPA8270	5/28/2002 08:00	50.0	38.70	77.4%	10.7 - 60.6
Dibnz(a,h)anthracene	ug/L	EPA8270	5/28/2002 08:00	50.0	47.20	94.4%	11.8 - 69.9

FLOWERS CHEMICAL LABORATORIES, INC.

QA Section 4

LCS Recovery

Client: Pasco Co. Utilities Env. Lab
Project Number: WP Class 3 LF
P.O. Number: Leachate Q-II 2002
Date Sampled: 21-May-02
Lab Numbers: 11749 - 11750

Analyte	Unit	Method	Date	LCS Expected	LCS Measured	Rec. %	Acceptable Limits
Indn(1,2,3-cd)pyrene	ug/L	EPA8270	5/28/2002 08:00	50.0	54.40	109%	12.2 - 68.6
2,4-D	ug/L	EPA8151	6/4/2002 08:00	1.0	0.24	23.5%	0.067 - 1.78
2,4,5-TP(Silvex)	ug/L	EPA8151	6/4/2002 08:00	1.0	0.25	25.0%	0.192 - 1.61
2,4,5-T	ug/L	EPA8151	6/4/2002 08:00	1.0	0.25	25.0%	0.102 - 1.74
Dinoseb	ug/L	EPA8151	6/4/2002 08:00	1.0	0.18	17.8%	0 - 1.45
4,4'-DDD	ug/L	EPA8081	5/31/2002 08:00	0.1	0.10	79.1%	0.001 - 0.204
4,4'-DDE	ug/L	EPA8081	5/31/2002 08:00	0.1	0.09	69.4%	0.000 - 0.193
4,4'-DDT	ug/L	EPA8081	5/31/2002 08:00	0.1	0.11	86.4%	0 - 0.236
a-BHC	ug/L	EPA8081	5/31/2002 08:00	0.1	0.09	73.3%	0 - 0.142
Aldrin	ug/L	EPA8081	5/31/2002 08:00	0.1	0.08	64.5%	0.016 - 0.126
b-BHC	ug/L	EPA8081	5/31/2002 08:00	0.1	0.12	92.8%	0.036 - 0.144
Chlordane	ug/L	EPA8081	5/31/2002 08:00	0.1	0.20	159%	0.033 - 0.153
d-BHC	ug/L	EPA8081	5/31/2002 08:00	0.1	0.03	25.2%	0 - 0.177
Dieldrin	ug/L	EPA8081	5/31/2002 08:00	0.1	0.10	81.6%	0 - 0.183
Endosulfan_I	ug/L	EPA8081	5/31/2002 08:00	0.1	0.10	76.4%	0.023 - 0.145
Endosulfan_II	ug/L	EPA8081	5/31/2002 08:00	0.1	0.12	95.2%	0.051 - 0.165
Endosulfan_sulfate	ug/L	EPA8081	5/31/2002 08:00	0.1	0.11	84.8%	0.007 - 0.228
Endrin	ug/L	EPA8081	5/31/2002 08:00	0.1	0.11	89.6%	0 - 0.238
Endrin_Aldehyde	ug/L	EPA8081	5/31/2002 08:00	0.1	0.10	79.8%	0.025 - 0.192
g-BHC	ug/L	EPA8081	5/31/2002 08:00	0.1	0.10	76.8%	0.001 - 0.142
Heptachlor	ug/L	EPA8081	5/31/2002 08:00	0.1	0.09	74.6%	0 - 0.135
Heptachlor_Epoxide	ug/L	EPA8081	5/31/2002 08:00	0.1	0.10	80.8%	0.003 - 0.164
Methoxychlor	ug/L	EPA8081	5/31/2002 08:00	0.1	0.12	97.6%	0 - 0.253
PCB_1232	ug/L	EPA8082	5/31/2002 08:00	10.0	5.36	53.6%	7.13 - 12.5
Cyanide	mg/L	EPA335.2	05-30-2002 12:36	0.1	0.07	72.1%	0.069 - 0.122
Hydrogen Sulfide	mg/L	EPA376.1	05-27-2002 12:36	1.5	1.76	120%	0.899 - 2.01
Silver	mg/L	EPA6020	5/23/2002 08:00	0.2	0.22	110%	0.136 - 0.260
Arsenic	mg/L	EPA6020	5/23/2002 08:00	0.2	0.20	100%	0.160 - 0.232
Barium	mg/L	EPA6020	5/23/2002 08:00	0.2	0.24	119%	0.173 - 0.253

FLOWERS CHEMICAL LABORATORIES, INC.

QA Section 4

LCS Recovery

Client: Pasco Co. Utilities Env. Lab
Project Number: WP Class 3 LF
P.O. Number: Leachate Q-II 2002
Date Sampled: 21-May-02
Lab Numbers: 11749 - 11750

Analyte	Unit	Method	Date	LCS Expected	LCS Measured	Rec. %	Acceptable Limits
Beryllium	mg/L	EPA6020	5/23/2002 08:00	0.2	0.24	119%	0.152 - 0.293
Cadmium	mg/L	EPA6020	5/23/2002 08:00	0.2	0.20	102%	0.163 - 0.233
Cobalt	mg/L	EPA6020	5/23/2002 08:00	0.2	0.21	105%	0.151 - 0.248
Chromium	mg/L	EPA6020	5/23/2002 08:00	0.2	0.22	111%	0.151 - 0.241
Copper	mg/L	EPA6020	5/23/2002 08:00	0.2	0.19	95.0%	0.138 - 0.249
Mercury	mg/L	EPA7470	05-28-2002 00:00	0.0	0.00	98.4%	0.005 - 0.006
Lead	mg/L	EPA6020	5/23/2002 08:00	0.2	0.21	105%	0.141 - 0.263
Nickel	mg/L	EPA6020	5/23/2002 08:00	0.2	0.20	101%	0.147 - 0.249
Antimony	mg/L	EPA6020	5/23/2002 08:00	0.2	0.19	97.0%	0.135 - 0.230
Selenium	mg/L	EPA6020	5/23/2002 08:00	0.2	0.19	92.5%	0.149 - 0.229
Thallium	mg/L	EPA6020	5/23/2002 08:00	0.2	0.22	108%	0.155 - 0.259
Vanadium	mg/L	EPA6020	5/23/2002 08:00	0.2	0.22	111%	0.147 - 0.247
Zinc	mg/L	EPA6020	5/23/2002 08:00	0.2	0.17	84.0%	0.128 - 0.254