

RESOURCE RECOVERY FACIL
4051C00030
WAC 45799



PASCO COUNTY, FLORIDA

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

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

06 July 2000

Ms. Allison Amram
Environmental Specialist III
Waste Management Section
Florida Department of
Environmental Protection
3804 Coconut Palm Drive
Tampa, Florida 33619

RE: West Pasco Class I Landfill
Groundwater Monitoring
Semester I, 2000

45920

Dear Ms. Amram:

Enclosed please find the groundwater monitoring analyses from monitoring wells 2MW1, 2MW2, 2MW4, 2MW5, 2MW6, 4MW1, 4MW2, 4MW4, 4MW5 and 4MW6 at the West Pasco Class I landfill for the first semester 2000 (Jan-Jun) sampling period. These wells were analyzed for the parameters listed in 62-701(8)(a) Florida Administrative Code. All associated Quality Assurance/Quality Control data is also included for all analyses.

Groundwater monitoring wells 4MW1 and 4MW-14D exceeded the MCL for various analytes as listed in the attached groundwater exceedence summary table. Finally, a groundwater contour map for this site is included.

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
Vincent Mannella, Solid Waste Facility Manager

RECEIVED

JUL 10 2000

Solid Waste Section

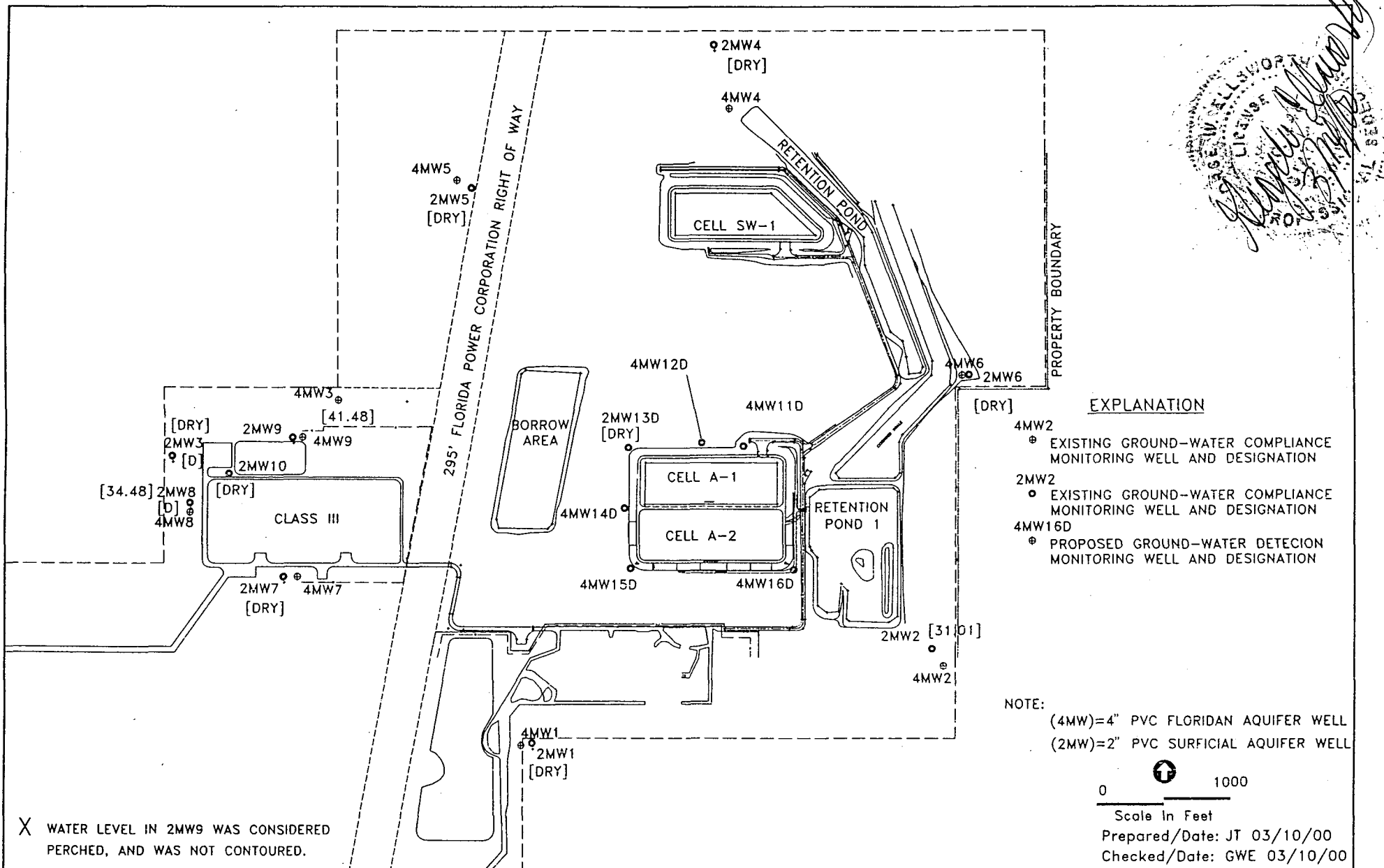
**WEST PASCO CLASS I LANDFILL
EXCEEDED ANALYTES
SEMESTER I - 2000**

WELL	ANALYTE	RESULT (mg/L)	RESAMPLE (mg/L)
4MW-1	CHLORIDE	257	NONE TAKEN
	TDS	980	NONE TAKEN
	THALLIUM	0.00431	NONE TAKEN
4MW-14D	IRON	0.32	NONE TAKEN

RECEIVED

JUL 10 2000

Solid Waste Section



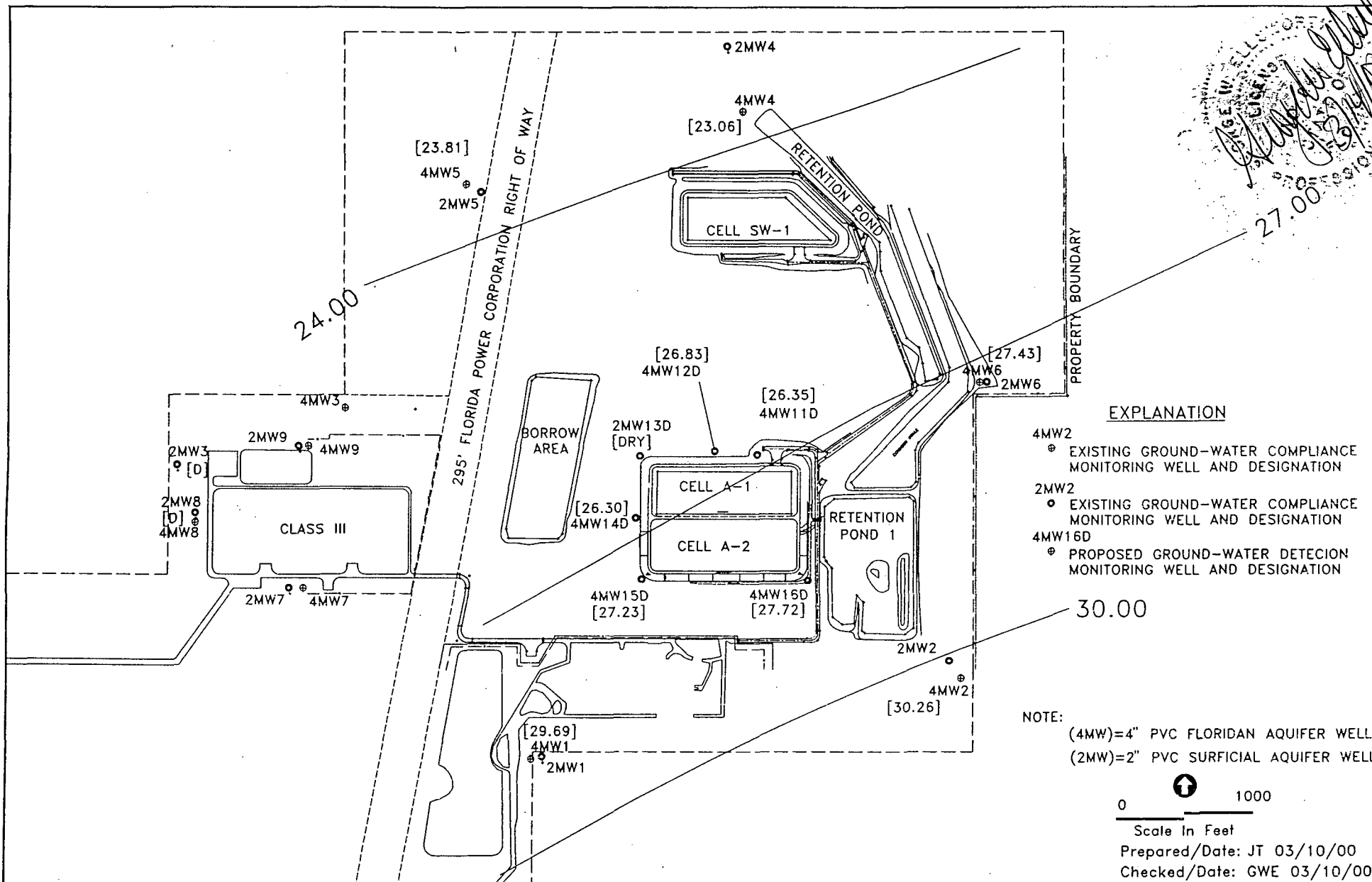
West Pasco Class I Landfill
Pasco County
Board of County Commissioners
Utility Services Branch
Pasco County, Florida

LAW
LAWGIBB Group Member

GROUND WATER MONITORING
SURFACE AQUIFER WATER TABLE
FEBRUARY 2000

Project # 40141-8-0452_1

Figure 1



West Pasco Class I Landfill
 Pasco County
 Board of County Commissioners
 Utility Services Branch
 Pasco County, Florida

LAW
 LAWGIBB Group Member

GROUND WATER MONITORING
 FLORIDAN AQUIFER POTENTIOMETRIC SURFACE
 FEBRUARY 2000

Project #40141-8-0452_1

Figure 2

PART III ANALYTICAL RESULTS

Facility GMS #: 4051C00030 Sampling Date/Time: 02/23/00 @ 0810

Test Site ID #: 4051A16506 Report Period: 2000 / Quarter I
(year/quarter)

Well Name: 2MW-1 Well Purged (Y/N): YES

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

Groundwater 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
000929	Sodium	Wel. Wiz. Ded. Mon. System	No	SM 3111B		Dry mg/L	0.01 mg/L
001045	Iron	"	"	SM 3111B		Dry mg/L	0.02 mg/L
071900	Mercury	"	"	SM 3112B		Dry mg/L	0.0002 mg/L
000400	pH-Field	"	"	SM 4500H+B		Dry Std. Units	0.01 Std. Units
000010	Temperature (Field)	"	"	SM 2550B		Dry °C	0 °C
000095	Specific Cond. (Field)	"	"	SM 2510B		Dry µmhos/cm	0.0 µmhos/cm
000344	D.O. (Field)	"	"	SM 4500G		Dry mg/L	0.0 mg/L
082079	Turbidity	"	"	SM 2130B		Dry NTU	0.01 NTU
000940	Chloride	"	"	SM 4500Cl-B		Dry mg/L	0.15 mg/L
070300	Total Dis. Solids	"	"	SM 2540C		Dry mg/L	1 mg/L
000610	Ammonia	"	"	SM 4500NH ₃ H		Dry mg/L	0.03 mg/L
000620	Nitrate	"	"	SM 4500NO ₃ F		Dry mg/L	0.11 mg/L
072020	Water Level (MSL)	"	"			Dry Feet	Feet

*Attach Laboratory Reports

PART III ANALYTICAL RESULTS

Facility GMS #: 4051C00030 Sampling Date/Time: 02/23/00 @ 0930

Test Site ID #: 4051A16507 Report Period: 2000 / Quarter I
(year/quarter)

Well Name: 2MW-2 (CTRL-ALT-7) Well Purged (Y/N): YES

Classification of Groundwater: Surficial SEMLF Well Type: () Background
() Intermediate
(XXX) Compliance
() Other

Groundwater Elevation (NGVD): _____
or (MSL): 31.01 w 2382

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	*Analysis Results/Units	Detection Limits/Units
000929	Sodium	Wel Wiz. Ded. Mon. System	No	SM 3111B	02/25/00 0930	2.70 mg/L	0.01 mg/L
001045	Iron	"	"	SM 3111B	02/25/00 1015	0.03 mg/L	0.02 mg/L
071900	Mercury	"	"	SM 3112B	02/29/00 1045	0.0005 mg/L	0.0002 mg/L
000400	pH-Field	"	"	SM 4500H+B	02/23/00 0930	6.15 Std. Units	0.01 Std. Units
000010	Temperature (Field)	"	"	SM 2550B	02/23/00 930	23.10 °C	0 °C
000095	Specific Cond. (Field)	"	"	SM 2510B	02/23/00 0930	86 µmhos/cm	0.0 µmhos/cm
000344	D.O. (Field)	"	"	SM 45000G	02/23/00 0930	4.00 mg/L	0.0 mg/L
082079	Turbidity	"	"	SM 2130B	02/23/00 0930	0.0 NTU	0.01 NTU
000940	Chloride	"	"	SM 4500CI-B	02/28/00 1400	3.12 mg/L	0.15 mg/L
070300	Total Dis. Solids	"	"	SM 2540C	02/25/00 0800	142 mg/L	1 mg/L
000610	Ammonia	"	"	SM 4500NH ₃ H	02/24/00 1400	0.07 mg/L	0.03 mg/L
000620	Nitrate	"	"	SM 4500NO ₃ F	02/25/00 1400	8.07 mg/L	0.11 mg/L
072020	Water Level (MSL)	"	"		02/23/00 0930	31.01 Feet	Feet

*Attach Laboratory Reports

FLOWERS CHEMICAL LABORATORIES, INC.

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

Facility GMS#: _____

Sample Date: 02-23-00

Test Site ID#: _____

Sample Time: 0930

Report Period: _____

Well Name: Resource Recovery 2MW-2

Well Purged (Y/N): _____

FCL Sample ID: 7158Well Type ☐ BackgroundClassification of Groundwater: G-II☐ Intermediate☐ Compliance

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

☐ Other

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Results/Units	Detection Limits/Units
01077	Silver	G	N	EPA6020	02-25-00 1153	0.0107 mg/L	0.00005 mg/L
01002	Arsenic	G	N	EPA6020	02-25-00 1153	0.000332 mg/L	0.00005 mg/L
01007	Barium	G	N	EPA6020	02-25-00 1153	0.0856 mg/L	0.00002 mg/L
01012	Beryllium	G	N	EPA6020	02-25-00 1153	<0.00028 mg/L	0.0002 mg/L
01027	Cadmium	G	N	EPA6020	02-25-00 1153	0.000303 mg/L	0.00028 mg/L
01037	Cobalt	G	N	EPA6020	02-25-00 1153	0.000227 mg/L	0.00002 mg/L
01034	Chromium	G	N	EPA6020	02-25-00 1153	<0.00005 mg/L	0.00002 mg/L
01042	Copper	G	N	EPA6020	02-25-00 1153	0.00761 mg/L	0.00005 mg/L
01067	Nickel	G	N	EPA6020	02-25-00 1153	0.000533 mg/L	0.00005 mg/L
01051	Lead	G	N	EPA6020	02-25-00 1153	0.00103 mg/L	0.0004 mg/L
01097	Antimony	G	N	EPA6020	02-25-00 1153	<0.00022 mg/L	0.0001 mg/L
01147	Selenium	G	N	EPA6020	02-25-00 1153	0.000594 mg/L	0.00022 mg/L
01059	Thallium	G	N	EPA6020	02-25-00 1153	<0.00001 mg/L	0.00022 mg/L
01087	Vanadium	G	N	EPA6020	02-25-00 1153	0.000504 mg/L	0.00001 mg/L
01092	Zinc	G	N	EPA6020	02-25-00 1153	0.0193 mg/L	0.00002 mg/L
	Dilution Factor			EPA5030	03-03-00 1544	1	
081552	Acetone	G	N	EPA8260	03-03-00 1544	<1.403 ug/L	1.403 ug/L
034215	Acrylonitrile	G	N	EPA8260	03-03-00 1544	<2.443 ug/L	2.443 ug/L
034030	Benzene	G	N	EPA8260	03-03-00 1544	<0.252 ug/L	0.252 ug/L
081555	Bromobenzene	G	N	EPA8260	03-03-00 1544	<0.171 ug/L	0.171 ug/L
077297	Bromochloromethane	G	N	EPA8260	03-03-00 1544	<0.158 ug/L	0.158 ug/L
032101	Bromodichloromethane	G	N	EPA8260	03-03-00 1544	<0.441 ug/L	0.441 ug/L
032104	Bromoform	G	N	EPA8260	03-03-00 1544	<0.163 ug/L	0.163 ug/L
034413	Bromomethane	G	N	EPA8260	03-03-00 1544	<0.504 ug/L	0.504 ug/L

FLOWERS CHEMICAL LABORATORIES, INC.

P.O. Box 150-597, Altamonte Springs, FL 32715-0597

(407) 339-5984

Facility GMS#: _____

Sample Date: 02-23-00

Sample Time: 0930

Test Site ID#: _____

Report Period: _____

Well Name: Resource Recovery 2MW-2

Well Purged (Y/N): _____

FCL Sample ID: 7158

Well Type ☐ Background

Classification of Groundwater: G-II

☐ Intermediate☐ Compliance

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

☐ Other

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Results/Units	Detection Limits/Units
077342	n-butylbenzene	G	N	EPA8260	03-03-00 1544	<0.404 ug/L	0.404 ug/L
077350	sec-butylbenzene	G	N	EPA8260	03-03-00 1544	<0.381 ug/L	0.381 ug/L
077353	tert-butylbenzene	G	N	EPA8260	03-03-00 1544	<0.313 ug/L	0.313 ug/L
077041	Carbon disulfide	G	N	EPA8260	03-03-00 1544	<0.718 ug/L	0.718 ug/L
032102	Carbon tetrachloride	G	N	EPA8260	03-03-00 1544	<0.39 ug/L	0.39 ug/L
034301	Chlorobenzene	G	N	EPA8260	03-03-00 1544	<0.449 ug/L	0.449 ug/L
034311	Chloroethane	G	N	EPA8260	03-03-00 1544	<0.305 ug/L	0.305 ug/L
032105	Chloroform	G	N	EPA8260	03-03-00 1544	<0.251 ug/L	0.251 ug/L
034418	Chloromethane	G	N	EPA8260	03-03-00 1544	<0.537 ug/L	0.537 ug/L
077725	2-chlorotoluene	G	N	EPA8260	03-03-00 1544	<0.434 ug/L	0.434 ug/L
077277	4-chlorotoluene	G	N	EPA8260	03-03-00 1544	<0.335 ug/L	0.335 ug/L
081521	Dibromochloromethane	G	N	EPA8260	03-03-00 1544	<0.285 ug/L	0.285 ug/L
082625	1,2-dibromo-3-chloropropane	G	N	EPA8260	03-03-00 1544	<0.285 ug/L	0.285 ug/L
077651	1,2-dibromoethane	G	N	EPA8260	03-03-00 1544	<0.364 ug/L	0.364 ug/L
081522	Dibromomethane	G	N	EPA8260	03-03-00 1544	<0.402 ug/L	0.402 ug/L
034536	o-dichlorobenzene	G	N	EPA8260	03-03-00 1544	<0.212 ug/L	0.212 ug/L
034566	m-dichlorobenzene	G	N	EPA8260	03-03-00 1544	<0.249 ug/L	0.249 ug/L
034571	Para-dichlorobenzene	G	N	EPA8260	03-03-00 1544	<0.375 ug/L	0.375 ug/L
034668	Dichlorodifluoromethane	G	N	EPA8260	03-03-00 1544	<0.226 ug/L	0.226 ug/L
073547	t-1,4-dichloro-2-butene	G	N	EPA8260	03-03-00 1544	<0.321 ug/L	0.321 ug/L
034496	1,1-dichloroethane	G	N	EPA8260	03-03-00 1544	<0.54 ug/L	0.54 ug/L
034531	1,2-dichloroethane	G	N	EPA8260	03-03-00 1544	<0.202 ug/L	0.202 ug/L
034501	1,1-dichloroethene	G	N	EPA8260	03-03-00 1544	<0.535 ug/L	0.535 ug/L
077093	cis-1,2-dichloroethene	G	N	EPA8260	03-03-00 1544	<0.307 ug/L	0.307 ug/L
034546	t-1,2-dichloroethene	G	N	EPA8260	03-03-00 1544	<0.538 ug/L	0.538 ug/L

FLOWERS CHEMICAL LABORATORIES, INC.

P.O. Box 150-597, Altamonte Springs, FL 32715-0597

(407) 339-5984

Facility GMS#: _____

Sample Date: 02-23-00

Sample Time: 0930

Test Site ID#: _____

Report Period: _____

Well Name: Resource Recovery 2MW-2

Well Purged (Y/N): _____

FCL Sample ID: 7158

Well Type ☐ Background

Classification of Groundwater: G-II

☐ Intermediate☐ Compliance

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

☐ Other

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Results/Units	Detection Limits/Units
034531	1,2-dichloroethene	G	N	EPA8260	03-03-00 1544	<0.743 ug/L	0.743 ug/L
034541	1,2-dichloropropane	G	N	EPA8260	03-03-00 1544	<0.434 ug/L	0.434 ug/L
034561	1,3-dichloropropane	G	N	EPA8260	03-03-00 1544	<0.326 ug/L	0.326 ug/L
077170	2,2-dichloropropane	G	N	EPA8260	03-03-00 1544	<0.701 ug/L	0.701 ug/L
077168	1,1-dichloropropene	G	N	EPA8260	03-03-00 1544	<0.218 ug/L	0.218 ug/L
034704	cis-1,3-dichloropropene	G	N	EPA8260	03-03-00 1544	<0.433 ug/L	0.433 ug/L
034699	trans-1,3-dichloropropene	G	N	EPA8260	03-03-00 1544	<0.544 ug/L	0.544 ug/L
034371	Ethylbenzene	G	N	EPA8260	03-03-00 1544	<0.452 ug/L	0.452 ug/L
039702	Hexachlorobutadiene	G	N	EPA8260	03-03-00 1544	<0.388 ug/L	0.388 ug/L
077103	2-Hexanone	G	N	EPA8260	03-03-00 1544	<0.347 ug/L	0.347 ug/L
034396	Hexachloroethane	G	N	EPA8260	03-03-00 1544	<1 ug/L	1 ug/L
077223	Isopropylbenzene	G	N	EPA8260	03-03-00 1544	<0.309 ug/L	0.309 ug/L
077356	4-isopropyltoluene	G	N	EPA8260	03-03-00 1544	<0.303 ug/L	0.303 ug/L
034423	Methylene chloride	G	N	EPA8260	03-03-00 1544	<0.241 ug/L	0.241 ug/L
078032	Methyl-tert-butylether	G	N	EPA8260	03-03-00 1544	<0.563 ug/L	0.563 ug/L
081595	2-butanone	G	N	EPA8260	03-03-00 1544	<0.884 ug/L	0.884 ug/L
077424	Methyl iodide	G	N	EPA8260	03-03-00 1544	<0.411 ug/L	0.411 ug/L
081596	4-methyl-2-pentanone	G	N	EPA8260	03-03-00 1544	<0.938 ug/L	0.938 ug/L
034696	Naphthalene	G	N	EPA8260	03-03-00 1544	<0.718 ug/L	0.718 ug/L
077224	Propylbenzene	G	N	EPA8260	03-03-00 1544	<0.317 ug/L	0.317 ug/L
077128	Styrene	G	N	EPA8260	03-03-00 1544	<0.382 ug/L	0.382 ug/L
077562	1,1,1,2-tetrachloroethane	G	N	EPA8260	03-03-00 1544	<0.405 ug/L	0.405 ug/L
034516	1,1,2,2-tetrachloroethane	G	N	EPA8260	03-03-00 1544	<0.499 ug/L	0.499 ug/L
034475	Tetrachloroethene	G	N	EPA8260	03-03-00 1544	<0.458 ug/L	0.458 ug/L
034010	Toluene	G	N	EPA8260	03-03-00 1544	<0.457 ug/L	0.457 ug/L

FLOWERS CHEMICAL LABORATORIES, INC.

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

Facility GMS#: _____

Sample Date: 02-23-00

Test Site ID#: _____

Sample Time: 0930

Report Period: _____

Well Name: Resource Recovery 2MW-2

Well Purged (Y/N): _____

FCL Sample ID: 7158Classification of Groundwater: G-IIWell Type ☐ Background☐ Intermediate☐ Compliance

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

☐ Other

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Results/Units	Detection Limits/Units
077613	1,2,3-trichlorobenzene	G	N	EPA8260	03-03-00 1544	<0.531 ug/L	0.531 ug/L
034551	1,2,4-trichlorobenzene	G	N	EPA8260	03-03-00 1544	<0.514 ug/L	0.514 ug/L
034506	1,1,1-trichloroethane	G	N	EPA8260	03-03-00 1544	<0.181 ug/L	0.181 ug/L
034511	1,1,2-trichloroethane	G	N	EPA8260	03-03-00 1544	<0.443 ug/L	0.443 ug/L
039180	Trichloroethene	G	N	EPA8260	03-03-00 1544	<0.537 ug/L	0.537 ug/L
034488	Trichlorofluoromethane	G	N	EPA8260	03-03-00 1544	<0.421 ug/L	0.421 ug/L
077443	1,2,3-trichloropropane	G	N	EPA8260	03-03-00 1544	<0.519 ug/L	0.519 ug/L
077222	1,2,4-trimethylbenzene	G	N	EPA8260	03-03-00 1544	<0.255 ug/L	0.255 ug/L
077226	1,3,5-trimethylbenzene	G	N	EPA8260	03-03-00 1544	<0.295 ug/L	0.295 ug/L
077057	Vinyl acetate	G	N	EPA8260	03-03-00 1544	<1.36 ug/L	1.36 ug/L
039175	Vinyl chloride	G	N	EPA8260	03-03-00 1544	<0.459 ug/L	0.459 ug/L
081551	Xylene	G	N	EPA8260	03-03-00 1544	<0.805 ug/L	0.805 ug/L

PART III ANALYTICAL RESULTS

Facility GMS #: 4051C00030 Sampling Date/Time: 02/23/00 @ 0845

Test Site ID #: 4051A16511 Report Period: 2000 / Quarter I
(year/quarter)

Well Name: 4MW-1 Well Purged (Y/N): YES

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

Groundwater Elevation (NGVD): W 2386
or (MSL): 29.69

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	*Analysis Results/Units	Detection Limits/Units
000929	Sodium	Wel Wiz. Ded. Mon. System	No	SM 3111B	02/25/00 0930	80.7 mg/L	0.01 mg/L
001045	Iron	"	"	SM 3111B	02/25/00 1015	0.03 mg/L	0.02 mg/L
071900	Mercury	"	"	SM 3112B	02/29/00 1045	<0.0002 mg/L	0.0002 mg/L
000400	pH-Field	"	"	SM 4500H+B	02/23/00 0845	7.02 Std. Units	0.01 Std. Units
000010	Temperature (Field)	"	"	SM 2550B	02/23/00 0845	23.00 °C	0 °C
000095	Specific Cond. (Field)	"	"	SM 2510B	02/23/00 0845	1,080 µmhos/cm	0.0 µmhos/cm
000344	D.O. (Field)	"	"	SM 4500G	02/23/00 0845	1.00 mg/L	0.0 mg/L
082079	Turbidity	"	"	SM 2130B	02/23/00 0845	0.0 NTU	0.01 NTU
000940	Chloride	"	"	SM 4500Cl-B	02/28/00 1400	257 mg/L	0.15 mg/L
070300	Total Dis. Solids	"	"	SM 2540C	02/25/00 0800	980 mg/L	1 mg/L
000610	Ammonia	"	"	SM 4500NH ₃ H	02/24/00 1400	<0.03 mg/L	0.03 mg/L
000620	Nitrate	"	"	SM 4500NO ₃ F	02/25/00 1400	0.46 mg/L	0.11 mg/L
072020	Water Level (MSL)	"	"		02/23/00 0845	29.69 Feet	Feet

*Attach Laboratory Reports

FLOWERS CHEMICAL LABORATORIES, INC.

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

Facility GMS#: _____

Sample Date: 02-23-00

Test Site ID#: _____

Sample Time: 0845

Report Period: _____

Well Name: Resource Recovery 4MW-1

Well Purged (Y/N): _____

FCL Sample ID: 7157Well Type ☐ BackgroundClassification of Groundwater: G-II☐ Intermediate☐ Compliance

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

☐ Other

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Results/Units	Detection Limits/Units
01077	Silver	G	N	EPA6020	02-25-00 1153	0.000177 mg/L	0.00005 mg/L
01002	Arsenic	G	N	EPA6020	02-25-00 1153	0.00141 mg/L	0.00005 mg/L
01007	Barium	G	N	EPA6020	02-25-00 1153	0.0466 mg/L	0.00002 mg/L
01012	Beryllium	G	N	EPA6020	02-25-00 1153	<0.00028 mg/L	0.0002 mg/L
01027	Cadmium	G	N	EPA6020	02-25-00 1153	0.000326 mg/L	0.00028 mg/L
01037	Cobalt	G	N	EPA6020	02-25-00 1153	0.00122 mg/L	0.00002 mg/L
01034	Chromium	G	N	EPA6020	02-25-00 1153	0.000617 mg/L	0.00002 mg/L
01042	Copper	G	N	EPA6020	02-25-00 1153	0.00689 mg/L	0.00005 mg/L
01067	Nickel	G	N	EPA6020	02-25-00 1153	0.00750 mg/L	0.00005 mg/L
01051	Lead	G	N	EPA6020	02-25-00 1153	0.000556 mg/L	0.0004 mg/L
01097	Antimony	G	N	EPA6020	02-25-00 1153	<0.00022 mg/L	0.0001 mg/L
01147	Selenium	G	N	EPA6020	02-25-00 1153	0.0119 mg/L	0.00022 mg/L
01059	Thallium	G	N	EPA6020	02-25-00 1153	0.00431 mg/L	0.00022 mg/L
01087	Vanadium	G	N	EPA6020	02-25-00 1153	0.00403 mg/L	0.00001 mg/L
01092	Zinc	G	N	EPA6020	02-25-00 1153	0.0521 mg/L	0.00002 mg/L
	Dilution Factor			EPA5030	03-03-00 1500	1	
081552	Acetone	G	N	EPA8260	03-03-00 1500	<1.403 ug/L	1.403 ug/L
034215	Acrylonitrile	G	N	EPA8260	03-03-00 1500	<2.443 ug/L	2.443 ug/L
034030	Benzene	G	N	EPA8260	03-03-00 1500	<0.252 ug/L	0.252 ug/L
081555	Bromobenzene	G	N	EPA8260	03-03-00 1500	<0.171 ug/L	0.171 ug/L
077297	Bromochloromethane	G	N	EPA8260	03-03-00 1500	<0.158 ug/L	0.158 ug/L
032101	Bromodichloromethane	G	N	EPA8260	03-03-00 1500	<0.441 ug/L	0.441 ug/L
032104	Bromoform	G	N	EPA8260	03-03-00 1500	<0.163 ug/L	0.163 ug/L
034413	Bromomethane	G	N	EPA8260	03-03-00 1500	<0.504 ug/L	0.504 ug/L

FLOWERS CHEMICAL LABORATORIES, INC.

P.O. Box 150-597, Altamonte Springs, FL 32715-0597

(407) 339-5984

Facility GMS#: _____

Sample Date: 02-23-00

Sample Time: 0845

Test Site ID#: _____

Report Period: _____

Well Name: Resource Recovery 4MW-1

Well Purged (Y/N): _____

FCL Sample ID: 7157

Well Type ☐ Background

Clasification of Groundwater: G-II

☐ Intermediate☐ Compliance

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

☐ Other

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Results/Units	Detection Limits/Units
077342	n-butylbenzene	G	N	EPA8260	03-03-00 1500	<0.404 ug/L	0.404 ug/L
077350	sec-butylbenzene	G	N	EPA8260	03-03-00 1500	<0.381 ug/L	0.381 ug/L
077353	tert-butylbenzene	G	N	EPA8260	03-03-00 1500	<0.313 ug/L	0.313 ug/L
077041	Carbon disulfide	G	N	EPA8260	03-03-00 1500	<0.718 ug/L	0.718 ug/L
032102	Carbon tetrachloride	G	N	EPA8260	03-03-00 1500	<0.39 ug/L	0.39 ug/L
034301	Chlorobenzene	G	N	EPA8260	03-03-00 1500	<0.449 ug/L	0.449 ug/L
034311	Chloroethane	G	N	EPA8260	03-03-00 1500	<0.305 ug/L	0.305 ug/L
032105	Chloroform	G	N	EPA8260	03-03-00 1500	<0.251 ug/L	0.251 ug/L
034418	Chloromethane	G	N	EPA8260	03-03-00 1500	<0.537 ug/L	0.537 ug/L
077725	2-chlorotoluene	G	N	EPA8260	03-03-00 1500	<0.434 ug/L	0.434 ug/L
077277	4-chlorotoluene	G	N	EPA8260	03-03-00 1500	<0.335 ug/L	0.335 ug/L
081521	Dibromochloromethane	G	N	EPA8260	03-03-00 1500	<0.285 ug/L	0.285 ug/L
082625	1,2-dibromo-3-chloropropane	G	N	EPA8260	03-03-00 1500	<0.285 ug/L	0.285 ug/L
077651	1,2-dibromoethane	G	N	EPA8260	03-03-00 1500	<0.364 ug/L	0.364 ug/L
081522	Dibromomethane	G	N	EPA8260	03-03-00 1500	<0.402 ug/L	0.402 ug/L
034536	o-dichlorobenzene	G	N	EPA8260	03-03-00 1500	<0.212 ug/L	0.212 ug/L
034566	m-dichlorobenzene	G	N	EPA8260	03-03-00 1500	<0.249 ug/L	0.249 ug/L
034571	Para-dichlorobenzene	G	N	EPA8260	03-03-00 1500	<0.375 ug/L	0.375 ug/L
034668	Dichlorodifluoromethane	G	N	EPA8260	03-03-00 1500	<0.226 ug/L	0.226 ug/L
073547	trans-1,4-dichloro-2-butene	G	N	EPA8260	03-03-00 1500	<0.321 ug/L	0.321 ug/L
034496	1,1-dichloroethane	G	N	EPA8260	03-03-00 1500	<0.54 ug/L	0.54 ug/L
034531	1,2-dichloroethane	G	N	EPA8260	03-03-00 1500	<0.202 ug/L	0.202 ug/L
034501	1,1-dichloroethene	G	N	EPA8260	03-03-00 1500	<0.535 ug/L	0.535 ug/L
077093	cis-1,2-dichloroethene	G	N	EPA8260	03-03-00 1500	<0.307 ug/L	0.307 ug/L
034546	trans-1,2-dichloroethene	G	N	EPA8260	03-03-00 1500	<0.538 ug/L	0.538 ug/L

FLOWERS CHEMICAL LABORATORIES, INC.

P.O. Box 150-597, Altamonte Springs, FL 32715-0597

(407) 339-5984

Facility GMS#: _____

Sample Date: 02-23-00

Sample Time: 0845

Test Site ID#: _____

Report Period: _____

Well Name: Resource Recovery 4MW-1

Well Purged (Y/N): _____

FCL Sample ID: 7157

Clasification of Groundwater: G-II

Well Type ☐ Background☐ Intermediate☐ Compliance

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

☐ Other

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Results/Units	Detection Limits/Units
034531	1,2-dichloroethene	G	N	EPA8260	03-03-00 1500	<0.743 ug/L	0.743 ug/L
034541	1,2-dichloropropane	G	N	EPA8260	03-03-00 1500	<0.434 ug/L	0.434 ug/L
034561	1,3-dichloropropane	G	N	EPA8260	03-03-00 1500	<0.326 ug/L	0.326 ug/L
077170	2,2-dichloropropane	G	N	EPA8260	03-03-00 1500	<0.701 ug/L	0.701 ug/L
077168	1,1-dichloropropene	G	N	EPA8260	03-03-00 1500	<0.218 ug/L	0.218 ug/L
034704	cis-1,3-dichloropropene	G	N	EPA8260	03-03-00 1500	<0.433 ug/L	0.433 ug/L
034699	trans-1,3-dichloropropene	G	N	EPA8260	03-03-00 1500	<0.544 ug/L	0.544 ug/L
034371	Ethylbenzene	G	N	EPA8260	03-03-00 1500	<0.452 ug/L	0.452 ug/L
039702	Hexachlorobutadiene	G	N	EPA8260	03-03-00 1500	<0.388 ug/L	0.388 ug/L
077103	2-Hexanone	G	N	EPA8260	03-03-00 1500	<0.347 ug/L	0.347 ug/L
034396	Hexachloroethane	G	N	EPA8260	03-03-00 1500	<1 ug/L	1 ug/L
077223	Isopropylbenzene	G	N	EPA8260	03-03-00 1500	<0.309 ug/L	0.309 ug/L
077356	4-isopropyltoluene	G	N	EPA8260	03-03-00 1500	<0.303 ug/L	0.303 ug/L
034423	Methylene chloride	G	N	EPA8260	03-03-00 1500	1.04 ug/L	0.241 ug/L
078032	Methyl-tert-butylether	G	N	EPA8260	03-03-00 1500	<0.563 ug/L	0.563 ug/L
081595	2-butanone	G	N	EPA8260	03-03-00 1500	<0.884 ug/L	0.884 ug/L
077424	Methyl iodide	G	N	EPA8260	03-03-00 1500	<0.411 ug/L	0.411 ug/L
081596	4-methyl-2-pentanone	G	N	EPA8260	03-03-00 1500	<0.938 ug/L	0.938 ug/L
034696	Naphthalene	G	N	EPA8260	03-03-00 1500	<0.718 ug/L	0.718 ug/L
077224	Propylbenzene	G	N	EPA8260	03-03-00 1500	<0.317 ug/L	0.317 ug/L
077128	Styrene	G	N	EPA8260	03-03-00 1500	<0.382 ug/L	0.382 ug/L
077562	1,1,1,2-tetrachloroethane	G	N	EPA8260	03-03-00 1500	<0.405 ug/L	0.405 ug/L
034516	1,1,2,2-tetrachloroethane	G	N	EPA8260	03-03-00 1500	<0.499 ug/L	0.499 ug/L
034475	Tetrachloroethene	G	N	EPA8260	03-03-00 1500	<0.458 ug/L	0.458 ug/L
034010	Toluene	G	N	EPA8260	03-03-00 1500	<0.457 ug/L	0.457 ug/L

FLOWERS CHEMICAL LABORATORIES, INC.

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

Facility GMS#: _____

Sample Date: 02-23-00

Test Site ID#: _____

Sample Time: 0845

Report Period: _____

Well Name: Resource Recovery 4MW-1

Well Purged (Y/N): _____

FCL Sample ID: 7157Classification of Groundwater: G-IIWell Type ☐ Background☐ Intermediate☐ Compliance

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

☐ Other

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Results/Units	Detection Limits/Units
077613	1,2,3-trichlorobenzene	G	N	EPA8260	03-03-00 1500	<0.531 ug/L	0.531 ug/L
034551	1,2,4-trichlorobenzene	G	N	EPA8260	03-03-00 1500	<0.514 ug/L	0.514 ug/L
034506	1,1,1-trichloroethane	G	N	EPA8260	03-03-00 1500	<0.181 ug/L	0.181 ug/L
034511	1,1,2-trichloroethane	G	N	EPA8260	03-03-00 1500	<0.443 ug/L	0.443 ug/L
039180	Trichloroethene	G	N	EPA8260	03-03-00 1500	<0.537 ug/L	0.537 ug/L
034488	Trichlorofluoromethane	G	N	EPA8260	03-03-00 1500	<0.421 ug/L	0.421 ug/L
077443	1,2,3-trichloropropane	G	N	EPA8260	03-03-00 1500	<0.519 ug/L	0.519 ug/L
077222	1,2,4-trimethylbenzene	G	N	EPA8260	03-03-00 1500	<0.255 ug/L	0.255 ug/L
077226	1,3,5-trimethylbenzene	G	N	EPA8260	03-03-00 1500	<0.295 ug/L	0.295 ug/L
077057	Vinyl acetate	G	N	EPA8260	03-03-00 1500	<1.36 ug/L	1.36 ug/L
039175	Vinyl chloride	G	N	EPA8260	03-03-00 1500	<0.459 ug/L	0.459 ug/L
081551	Xylene	G	N	EPA8260	03-03-00 1500	<0.805 ug/L	0.805 ug/L

PART III ANALYTICAL RESULTS

Facility GMS #: 4051C00030 Sampling Date/Time: 02/23/00 @ 1050
 Test Site ID #: 4051A16512 Report Period: 2000 / Quarter I
 (year/quarter)
 Well Name: 4MW-2 Well Purged (Y/N): YES
 Classification of Groundwater: Floridan Well Type: () Background
 () Intermediate
 Groundwater Elevation (NGVD): _____ (XXX) Compliance
 () Other
 or (MSL): 30.26 *W 2387*

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	*Analysis Results/Units	Detection Limits/Units
000929	Sodium	Wel Wiz. Ded. Mon. System	No	SM 3111B	02/25/00 0930	2.80 mg/L	0.01 mg/L
001045	Iron	"	"	SM 3111B	02/25/00 1015	0.02 mg/L	0.02 mg/L
071900	Mercury	"	"	SM 3112B	02/29/00 1045	<0.0002 mg/L	0.0002 mg/L
000400	pH-Field	"	"	SM 4500H+B	02/23/00 1050	7.75 Std. Units	0.01 Std. Units
000010	Temperature (Field)	"	"	SM 2550B	02/23/00 1050	23.20 °C	0 °C
000095	Specific Cond. (Field)	"	"	SM 2510B	02/23/00 1050	167 µmhos/cm	0.0 µmhos/cm
000344	D.O. (Field)	"	"	SM 45000G	02/23/00 1050	1.36 mg/L	0.0 mg/L
082079	Turbidity	"	"	SM 2130B	02/23/00 1050	0.0 NTU	0.01 NTU
000940	Chloride	"	"	SM 4500CI-B	02/28/00 1400	3.15 mg/L	0.15 mg/L
070300	Total Dis. Solids	"	"	SM 2540C	02/25/00 0800	101 mg/L	1 mg/L
000610	Ammonia	"	"	SM 4500NH ₃ H	02/24/00 1400	0.21 mg/L	0.03 mg/L
000620	Nitrate	"	"	SM 4500NO ₃ F	02/25/00 1400	2.07 mg/L	0.11 mg/L
072020	Water Level (MSL)	"	"		02/23/00 1050	30.26 Feet	Feet

*Attach Laboratory Reports

FLOWERS CHEMICAL LABORATORIES, INC.

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

Facility GMS#: _____

Sample Date: 02-23-00

Test Site ID#: _____

Sample Time: 1050

Report Period: _____

Well Name: Resource Recovery 4MW-2

Well Purged (Y/N): _____

FCL Sample ID: 7159Classification of Groundwater: G-IIWell Type ☐ Background☐ Intermediate☐ Compliance

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

☐ Other

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Results/Units	Detection Limits/Units
01077	Silver	G	N	EPA6020	02-25-00 1153	0.000202 mg/L	0.00005 mg/L
01002	Arsenic	G	N	EPA6020	02-25-00 1153	0.00118 mg/L	0.00005 mg/L
01007	Barium	G	N	EPA6020	02-25-00 1153	0.00572 mg/L	0.00002 mg/L
01012	Beryllium	G	N	EPA6020	02-25-00 1153	<0.00028 mg/L	0.0002 mg/L
01027	Cadmium	G	N	EPA6020	02-25-00 1153	0.0000422 mg/L	0.00028 mg/L
01037	Cobalt	G	N	EPA6020	02-25-00 1153	0.000247 mg/L	0.00002 mg/L
01034	Chromium	G	N	EPA6020	02-25-00 1153	0.000656 mg/L	0.00002 mg/L
01042	Copper	G	N	EPA6020	02-25-00 1153	0.00728 mg/L	0.00005 mg/L
01067	Nickel	G	N	EPA6020	02-25-00 1153	0.00159 mg/L	0.00005 mg/L
01051	Lead	G	N	EPA6020	02-25-00 1153	0.00126 mg/L	0.0004 mg/L
01097	Antimony	G	N	EPA6020	02-25-00 1153	<0.00022 mg/L	0.0001 mg/L
01147	Selenium	G	N	EPA6020	02-25-00 1153	0.000321 mg/L	0.00022 mg/L
01059	Thallium	G	N	EPA6020	02-25-00 1153	<0.00001 mg/L	0.00022 mg/L
01087	Vanadium	G	N	EPA6020	02-25-00 1153	0.00578 mg/L	0.00001 mg/L
01092	Zinc	G	N	EPA6020	02-25-00 1153	0.000817 mg/L	0.00002 mg/L
	Dilution Factor			EPA5030	03-03-00 1626	1	
081552	Acetone	G	N	EPA8260	03-03-00 1626	<1.403 ug/L	1.403 ug/L
034215	Acrylonitrile	G	N	EPA8260	03-03-00 1626	<2.443 ug/L	2.443 ug/L
034030	Benzene	G	N	EPA8260	03-03-00 1626	<0.252 ug/L	0.252 ug/L
081555	Bromobenzene	G	N	EPA8260	03-03-00 1626	<0.171 ug/L	0.171 ug/L
077297	Bromochloromethane	G	N	EPA8260	03-03-00 1626	<0.158 ug/L	0.158 ug/L
032101	Bromodichloromethane	G	N	EPA8260	03-03-00 1626	<0.441 ug/L	0.441 ug/L
032104	Bromoform	G	N	EPA8260	03-03-00 1626	<0.163 ug/L	0.163 ug/L
034413	Bromomethane	G	N	EPA8260	03-03-00 1626	<0.504 ug/L	0.504 ug/L

FLOWERS CHEMICAL LABORATORIES, INC.

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

Facility GMS#: _____

Sample Date: 02-23-00Sample Time: 1050

Test Site ID#: _____

Report Period: _____

Well Name: Resource Recovery 4MW-2

Well Purged (Y/N): _____

FCL Sample ID: 7159Well Type ☐ BackgroundClassification of Groundwater: G-II☐ Intermediate☐ Compliance

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

☐ Other

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Results/Units	Detection Limits/Units
077342	n-butylbenzene	G	N	EPA8260	03-03-00 1626	<0.404 ug/L	0.404 ug/L
077350	sec-butylbenzene	G	N	EPA8260	03-03-00 1626	<0.381 ug/L	0.381 ug/L
077353	tert-butylbenzene	G	N	EPA8260	03-03-00 1626	<0.313 ug/L	0.313 ug/L
077041	Carbon disulfide	G	N	EPA8260	03-03-00 1626	<0.718 ug/L	0.718 ug/L
032102	Carbon tetrachloride	G	N	EPA8260	03-03-00 1626	<0.39 ug/L	0.39 ug/L
034301	Chlorobenzene	G	N	EPA8260	03-03-00 1626	<0.449 ug/L	0.449 ug/L
034311	Chloroethane	G	N	EPA8260	03-03-00 1626	<0.305 ug/L	0.305 ug/L
032105	Chloroform	G	N	EPA8260	03-03-00 1626	<0.251 ug/L	0.251 ug/L
034418	Chloromethane	G	N	EPA8260	03-03-00 1626	<0.537 ug/L	0.537 ug/L
077725	2-chlorotoluene	G	N	EPA8260	03-03-00 1626	<0.434 ug/L	0.434 ug/L
077277	4-chlorotoluene	G	N	EPA8260	03-03-00 1626	<0.335 ug/L	0.335 ug/L
081521	Dibromochloromethane	G	N	EPA8260	03-03-00 1626	<0.285 ug/L	0.285 ug/L
082625	1,2-dibromo-3-chloropropane	G	N	EPA8260	03-03-00 1626	<0.285 ug/L	0.285 ug/L
077651	1,2-dibromoethane	G	N	EPA8260	03-03-00 1626	<0.364 ug/L	0.364 ug/L
081522	Dibromomethane	G	N	EPA8260	03-03-00 1626	<0.402 ug/L	0.402 ug/L
034536	o-dichlorobenzene	G	N	EPA8260	03-03-00 1626	<0.212 ug/L	0.212 ug/L
034566	m-dichlorobenzene	G	N	EPA8260	03-03-00 1626	<0.249 ug/L	0.249 ug/L
034571	Para-dichlorobenzene	G	N	EPA8260	03-03-00 1626	<0.375 ug/L	0.375 ug/L
034668	Dichlorodifluoromethane	G	N	EPA8260	03-03-00 1626	<0.226 ug/L	0.226 ug/L
073547	t-1,4-dichloro-2-butene	G	N	EPA8260	03-03-00 1626	<0.321 ug/L	0.321 ug/L
034496	1,1-dichloroethane	G	N	EPA8260	03-03-00 1626	<0.54 ug/L	0.54 ug/L
034531	1,2-dichloroethane	G	N	EPA8260	03-03-00 1626	<0.202 ug/L	0.202 ug/L
034501	1,1-dichloroethene	G	N	EPA8260	03-03-00 1626	<0.535 ug/L	0.535 ug/L
077093	cis-1,2-dichloroethene	G	N	EPA8260	03-03-00 1626	<0.307 ug/L	0.307 ug/L
034546	t-1,2-dichloroethene	G	N	EPA8260	03-03-00 1626	<0.538 ug/L	0.538 ug/L

FLOWERS CHEMICAL LABORATORIES, INC.

P.O. Box 150-597, Altamonte Springs, FL 32715-0597

(407) 339-5984

Facility GMS#: _____

Sample Date: 02-23-00Sample Time: 1050

Test Site ID#: _____

Report Period: _____

Well Name: Resource Recovery 4MW-2

Well Purged (Y/N): _____

FCL Sample ID: 7159Well Type ☐ BackgroundClassification of Groundwater: G-II☐ Intermediate☐ Compliance

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

☐ Other

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Results/Units	Detection Limits/Units
034531	1,2-dichloroethene	G	N	EPA8260	03-03-00 1626	<0.743 ug/L	0.743 ug/L
034541	1,2-dichloropropane	G	N	EPA8260	03-03-00 1626	<0.434 ug/L	0.434 ug/L
034561	1,3-dichloropropane	G	N	EPA8260	03-03-00 1626	<0.326 ug/L	0.326 ug/L
077170	2,2-dichloropropane	G	N	EPA8260	03-03-00 1626	<0.701 ug/L	0.701 ug/L
077168	1,1-dichloropropene	G	N	EPA8260	03-03-00 1626	<0.218 ug/L	0.218 ug/L
034704	cis-1,3-dichloropropene	G	N	EPA8260	03-03-00 1626	<0.433 ug/L	0.433 ug/L
034699	trans-1,3-dichloropropene	G	N	EPA8260	03-03-00 1626	<0.544 ug/L	0.544 ug/L
034371	Ethylbenzene	G	N	EPA8260	03-03-00 1626	<0.452 ug/L	0.452 ug/L
039702	Hexachlorobutadiene	G	N	EPA8260	03-03-00 1626	<0.388 ug/L	0.388 ug/L
077103	2-Hexanone	G	N	EPA8260	03-03-00 1626	<0.347 ug/L	0.347 ug/L
034396	Hexachloroethane	G	N	EPA8260	03-03-00 1626	<1 ug/L	1 ug/L
077223	Isopropylbenzene	G	N	EPA8260	03-03-00 1626	<0.309 ug/L	0.309 ug/L
077356	4-isopropyltoluene	G	N	EPA8260	03-03-00 1626	<0.303 ug/L	0.303 ug/L
034423	Methylene chloride	G	N	EPA8260	03-03-00 1626	<0.241 ug/L	0.241 ug/L
078032	Methyl-tert-butylether	G	N	EPA8260	03-03-00 1626	<0.563 ug/L	0.563 ug/L
081595	2-butanone	G	N	EPA8260	03-03-00 1626	<0.884 ug/L	0.884 ug/L
077424	Methyl iodide	G	N	EPA8260	03-03-00 1626	<0.411 ug/L	0.411 ug/L
081596	4-methyl-2-pentanone	G	N	EPA8260	03-03-00 1626	<0.938 ug/L	0.938 ug/L
034696	Naphthalene	G	N	EPA8260	03-03-00 1626	<0.718 ug/L	0.718 ug/L
077224	Propylbenzene	G	N	EPA8260	03-03-00 1626	<0.317 ug/L	0.317 ug/L
077128	Styrene	G	N	EPA8260	03-03-00 1626	<0.382 ug/L	0.382 ug/L
077562	1,1,1,2-tetrachloroethane	G	N	EPA8260	03-03-00 1626	<0.405 ug/L	0.405 ug/L
034516	1,1,2,2-tetrachloroethane	G	N	EPA8260	03-03-00 1626	<0.499 ug/L	0.499 ug/L
034475	Tetrachloroethene	G	N	EPA8260	03-03-00 1626	<0.458 ug/L	0.458 ug/L
034010	Toluene	G	N	EPA8260	03-03-00 1626	<0.457 ug/L	0.457 ug/L

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Facility GMS#: _____

Sample Date: 02-23-00

Test Site ID#: _____

Sample Time: 1050

Report Period: _____

Well Name: Resource Recovery 4MW-2

Well Purged (Y/N): _____

FCL Sample ID: 7159Classification of Groundwater: G-IIWell Type ☐ Background☐ Intermediate☐ Compliance

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

☐ Other

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Results/Units	Detection Limits/Units
077613	1,2,3-trichlorobenzene	G	N	EPA8260	03-03-00 1626	<0.531 ug/L	0.531 ug/L
034551	1,2,4-trichlorobenzene	G	N	EPA8260	03-03-00 1626	<0.514 ug/L	0.514 ug/L
034506	1,1,1-trichloroethane	G	N	EPA8260	03-03-00 1626	<0.181 ug/L	0.181 ug/L
034511	1,1,2-trichloroethane	G	N	EPA8260	03-03-00 1626	<0.443 ug/L	0.443 ug/L
039180	Trichloroethene	G	N	EPA8260	03-03-00 1626	<0.537 ug/L	0.537 ug/L
034488	Trichlorofluoromethane	G	N	EPA8260	03-03-00 1626	<0.421 ug/L	0.421 ug/L
077443	1,2,3-trichloropropane	G	N	EPA8260	03-03-00 1626	<0.519 ug/L	0.519 ug/L
077222	1,2,4-trimethylbenzene	G	N	EPA8260	03-03-00 1626	<0.255 ug/L	0.255 ug/L
077226	1,3,5-trimethylbenzene	G	N	EPA8260	03-03-00 1626	<0.295 ug/L	0.295 ug/L
077057	Vinyl acetate	G	N	EPA8260	03-03-00 1626	<1.36 ug/L	1.36 ug/L
039175	Vinyl chloride	G	N	EPA8260	03-03-00 1626	<0.459 ug/L	0.459 ug/L
081551	Xylene	G	N	EPA8260	03-03-00 1626	<0.805 ug/L	0.805 ug/L

PART III ANALYTICAL RESULTS

Facility GMS #: 4051C00030 Sampling Date/Time: 02/23/00 @ 1230

Test Site ID #: 4051A16508 Report Period: 2000 / Quarter I
(year/quarter)

Well Name: 2MW-4 Well Purged (Y/N): YES

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

Groundwater Elevation (NGVD): _____
or (MSL): _____ 2383

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	*Analysis Results/Units	Detection Limits/Units
000929	Sodium	Wel Wiz. Ded. Mon. System	No	SM 3111B		Dry mg/L	0.01 mg/L
001045	Iron	"	"	SM 3111B		Dry mg/L	0.02 mg/L
071900	Mercury	"	"	SM 3112B		Dry mg/L	0.0002 mg/L
000400	pH-Field	"	"	SM 4500H+B		Dry Std. Units	0.01 Std. Units
000010	Temperature (Field)	"	"	SM 2550B		Dry °C	0 °C
000095	Specific Cond. (Field)	"	"	SM 2510B		Dry µmhos/cm	0.0 µmhos/cm
000344	D.O. (Field)	"	"	SM 4500G		Dry mg/L	0.0 mg/L
082079	Turbidity	"	"	SM 2130B		Dry NTU	0.01 NTU
000940	Chloride	"	"	SM 4500Cl-B		Dry mg/L	0.15 mg/L
070300	Total Dis. Solids	"	"	SM 2540C		Dry mg/L	1 mg/L
000610	Ammonia	"	"	SM 4500NH ₃ H		Dry mg/L	0.03 mg/L
000620	Nitrate	"	"	SM 4500N ₃ F		Dry mg/L	0.11 mg/L
072020	Water Level (MSL)	"	"			Dry Feet	Feet

*Attach Laboratory Reports

PART III ANALYTICAL RESULTS

Facility GMS #: 4051C00030 Sampling Date/Time: 02/23/00 @ 1215

Test Site ID #: 4051A16513 Report Period: 2000 / Quarter I
(year/quarter)

Well Name: 4MW-4 Well Purged (Y/N): YES

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

Groundwater Elevation (NGVD): 23.88
or (MSL): 23.06

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	*Analysis Results/Units	Detection Limits/Units
000929	Sodium	Wel Wiz. Ded. Mon. System	No	SM 3111B	02/25/00 0930	3.35 mg/L	0.01 mg/L
001045	Iron	"	"	SM 3111B	02/25/00 1015	0.03 mg/L	0.02 mg/L
071900	Mercury	"	"	SM 3112B	02/29/00 1045	<0.0002 mg/L	0.0002 mg/L
000400	pH-Field	"	"	SM 4500H+B	02/23/00 1215	7.37 Std. Units	0.01 Std. Units
000010	Temperature (Field)	"	"	SM 2550B	02/23/00 1215	24.00 °C	0 °C
000095	Specific Cond. (Field)	"	"	SM 2510B	02/23/00 1215	290 µmhos/cm	0.0 µmhos/cm
000344	D.O. (Field)	"	"	SM 45000G	02/23/00 1215	2.00 mg/L	0.0 mg/L
082079	Turbidity	"	"	SM 2130B	02/23/00 1215	0.0 NTU	0.01 NTU
000940	Chloride	"	"	SM 4500Cl-B	02/28/00 1400	11.2 mg/L	0.15 mg/L
070300	Total Dis. Solids	"	"	SM 2540C	02/25/00 0800	144 mg/L	1 mg/L
000610	Ammonia	"	"	SM 4500NH ₃ H	02/24/00 1400	<0.03 mg/L	0.03 mg/L
000620	Nitrate	"	"	SM 4500NO ₃ F	02/25/00 1400	0.49 mg/L	0.11 mg/L
072020	Water Level (MSL)	"	"		02/23/00 1215	23.06 Feet	Feet

*Attach Laboratory Reports

FLOWERS CHEMICAL LABORATORIES, INC.

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(407) 339-5984

Facility GMS#: _____

Sample Date: 02-23-00

Test Site ID#: _____

Sample Time: 1215

Report Period: _____

Well Name: Resource Recovery 4MW-4

Well Purged (Y/N): _____

FCL Sample ID: 7160

Classification of Groundwater: G-II

Well Type ☐ Background☐ Intermediate☐ Compliance

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

☐ Other

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Results/Units	Detection Limits/Units
01077	Silver	G	N	EPA6020	02-25-00 1153	0.000484 mg/L	0.00005 mg/L
01002	Arsenic	G	N	EPA6020	02-25-00 1153	0.000956 mg/L	0.00005 mg/L
01007	Barium	G	N	EPA6020	02-25-00 1153	0.0136 mg/L	0.00002 mg/L
01012	Beryllium	G	N	EPA6020	02-25-00 1153	<0.00028 mg/L	0.0002 mg/L
01027	Cadmium	G	N	EPA6020	02-25-00 1153	0.000222 mg/L	0.00028 mg/L
01037	Cobalt	G	N	EPA6020	02-25-00 1153	0.000789 mg/L	0.00002 mg/L
01034	Chromium	G	N	EPA6020	02-25-00 1153	0.000861 mg/L	0.00002 mg/L
01042	Copper	G	N	EPA6020	02-25-00 1153	0.00543 mg/L	0.00005 mg/L
01067	Nickel	G	N	EPA6020	02-25-00 1153	0.00258 mg/L	0.00005 mg/L
01051	Lead	G	N	EPA6020	02-25-00 1153	0.00119 mg/L	0.0004 mg/L
01097	Antimony	G	N	EPA6020	02-25-00 1153	0.000956 mg/L	0.0001 mg/L
01147	Selenium	G	N	EPA6020	02-25-00 1153	0.00187 mg/L	0.00022 mg/L
01059	Thallium	G	N	EPA6020	02-25-00 1153	0.000298 mg/L	0.00022 mg/L
01087	Vanadium	G	N	EPA6020	02-25-00 1153	0.00399 mg/L	0.00001 mg/L
01092	Zinc	G	N	EPA6020	02-25-00 1153	0.0239 mg/L	0.00002 mg/L
	Dilution Factor			EPA5030	03-03-00 1709	1	
081552	Acetone	G	N	EPA8260	03-03-00 1709	<1.403 ug/L	1.403 ug/L
034215	Acrylonitrile	G	N	EPA8260	03-03-00 1709	<2.443 ug/L	2.443 ug/L
034030	Benzene	G	N	EPA8260	03-03-00 1709	<0.252 ug/L	0.252 ug/L
081555	Bromobenzene	G	N	EPA8260	03-03-00 1709	<0.171 ug/L	0.171 ug/L
077297	Bromochloromethane	G	N	EPA8260	03-03-00 1709	<0.158 ug/L	0.158 ug/L
032101	Bromodichloromethane	G	N	EPA8260	03-03-00 1709	<0.441 ug/L	0.441 ug/L
032104	Bromoform	G	N	EPA8260	03-03-00 1709	<0.163 ug/L	0.163 ug/L
034413	Bromomethane	G	N	EPA8260	03-03-00 1709	<0.504 ug/L	0.504 ug/L

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Facility GMS#: _____

Sample Date: 02-23-00

Test Site ID#: _____

Sample Time: 1215

Report Period: _____

Well Name: Resource Recovery 4MW-4

Well Purged (Y/N): _____

FCL Sample ID: 7160Well Type ☐ BackgroundClassification of Groundwater: G-II☐ Intermediate☐ Compliance

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

☐ Other

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Results/Units	Detection Limits/Units
077342	n-butylbenzene	G	N	EPA8260	03-03-00 1709	<0.404 ug/L	0.404 ug/L
077350	sec-butylbenzene	G	N	EPA8260	03-03-00 1709	<0.381 ug/L	0.381 ug/L
077353	tert-butylbenzene	G	N	EPA8260	03-03-00 1709	<0.313 ug/L	0.313 ug/L
077041	Carbon disulfide	G	N	EPA8260	03-03-00 1709	<0.718 ug/L	0.718 ug/L
032102	Carbon tetrachloride	G	N	EPA8260	03-03-00 1709	<0.39 ug/L	0.39 ug/L
034301	Chlorobenzene	G	N	EPA8260	03-03-00 1709	<0.449 ug/L	0.449 ug/L
034311	Chloroethane	G	N	EPA8260	03-03-00 1709	<0.305 ug/L	0.305 ug/L
032105	Chloroform	G	N	EPA8260	03-03-00 1709	<0.251 ug/L	0.251 ug/L
034418	Chloromethane	G	N	EPA8260	03-03-00 1709	<0.537 ug/L	0.537 ug/L
077725	2-chlorotoluene	G	N	EPA8260	03-03-00 1709	<0.434 ug/L	0.434 ug/L
077277	4-chlorotoluene	G	N	EPA8260	03-03-00 1709	<0.335 ug/L	0.335 ug/L
081521	Dibromochloromethane	G	N	EPA8260	03-03-00 1709	<0.285 ug/L	0.285 ug/L
082625	1,2-dibromo-3-chloropropane	G	N	EPA8260	03-03-00 1709	<0.285 ug/L	0.285 ug/L
077651	1,2-dibromoethane	G	N	EPA8260	03-03-00 1709	<0.364 ug/L	0.364 ug/L
081522	Dibromomethane	G	N	EPA8260	03-03-00 1709	<0.402 ug/L	0.402 ug/L
034536	o-dichlorobenzene	G	N	EPA8260	03-03-00 1709	<0.212 ug/L	0.212 ug/L
034566	m-dichlorobenzene	G	N	EPA8260	03-03-00 1709	<0.249 ug/L	0.249 ug/L
034571	Para-dichlorobenzene	G	N	EPA8260	03-03-00 1709	<0.375 ug/L	0.375 ug/L
034668	Dichlorodifluoromethane	G	N	EPA8260	03-03-00 1709	<0.226 ug/L	0.226 ug/L
073547	t-1,4-dichloro-2-butene	G	N	EPA8260	03-03-00 1709	<0.321 ug/L	0.321 ug/L
034496	1,1-dichloroethane	G	N	EPA8260	03-03-00 1709	<0.54 ug/L	0.54 ug/L
034531	1,2-dichloroethane	G	N	EPA8260	03-03-00 1709	<0.202 ug/L	0.202 ug/L
034501	1,1-dichloroethene	G	N	EPA8260	03-03-00 1709	<0.535 ug/L	0.535 ug/L
077093	cis-1,2-dichloroethene	G	N	EPA8260	03-03-00 1709	<0.307 ug/L	0.307 ug/L
034546	t-1,2-dichloroethene	G	N	EPA8260	03-03-00 1709	<0.538 ug/L	0.538 ug/L

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Facility GMS#: _____

Sample Date: 02-23-00

Sample Time: 1215

Test Site ID#: _____

Report Period: _____

Well Name: Resource Recovery 4MW-4

Well Purged (Y/N): _____

FCL Sample ID: 7160

Classification of Groundwater: G-II

Well Type ☐ Background☐ Intermediate☐ Compliance

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

☐ Other

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Results/Units	Detection Limits/Units
034531	1,2-dichloroethene	G	N	EPA8260	03-03-00 1709	<0.743 ug/L	0.743 ug/L
034541	1,2-dichloropropane	G	N	EPA8260	03-03-00 1709	<0.434 ug/L	0.434 ug/L
034561	1,3-dichloropropane	G	N	EPA8260	03-03-00 1709	<0.326 ug/L	0.326 ug/L
077170	2,2-dichloropropane	G	N	EPA8260	03-03-00 1709	<0.701 ug/L	0.701 ug/L
077168	1,1-dichloropropene	G	N	EPA8260	03-03-00 1709	<0.218 ug/L	0.218 ug/L
034704	cis-1,3-dichloropropene	G	N	EPA8260	03-03-00 1709	<0.433 ug/L	0.433 ug/L
034699	trans-1,3-dichloropropene	G	N	EPA8260	03-03-00 1709	<0.544 ug/L	0.544 ug/L
034371	Ethylbenzene	G	N	EPA8260	03-03-00 1709	<0.452 ug/L	0.452 ug/L
039702	Hexachlorobutadiene	G	N	EPA8260	03-03-00 1709	<0.388 ug/L	0.388 ug/L
077103	2-Hexanone	G	N	EPA8260	03-03-00 1709	<0.347 ug/L	0.347 ug/L
034396	Hexachloroethane	G	N	EPA8260	03-03-00 1709	<1 ug/L	1 ug/L
077223	Isopropylbenzene	G	N	EPA8260	03-03-00 1709	<0.309 ug/L	0.309 ug/L
077356	4-isopropyltoluene	G	N	EPA8260	03-03-00 1709	<0.303 ug/L	0.303 ug/L
034423	Methylene chloride	G	N	EPA8260	03-03-00 1709	<0.241 ug/L	0.241 ug/L
078032	Methyl-tert-butylether	G	N	EPA8260	03-03-00 1709	<0.563 ug/L	0.563 ug/L
081595	2-butanone	G	N	EPA8260	03-03-00 1709	<0.884 ug/L	0.884 ug/L
077424	Methyl iodide	G	N	EPA8260	03-03-00 1709	<0.411 ug/L	0.411 ug/L
081596	4-methyl-2-pentanone	G	N	EPA8260	03-03-00 1709	<0.938 ug/L	0.938 ug/L
034696	Naphthalene	G	N	EPA8260	03-03-00 1709	<0.718 ug/L	0.718 ug/L
077224	Propylbenzene	G	N	EPA8260	03-03-00 1709	<0.317 ug/L	0.317 ug/L
077128	Styrene	G	N	EPA8260	03-03-00 1709	<0.382 ug/L	0.382 ug/L
077562	1,1,1,2-tetrachloroethane	G	N	EPA8260	03-03-00 1709	<0.405 ug/L	0.405 ug/L
034516	1,1,2,2-tetrachloroethane	G	N	EPA8260	03-03-00 1709	<0.499 ug/L	0.499 ug/L
034475	Tetrachloroethene	G	N	EPA8260	03-03-00 1709	<0.458 ug/L	0.458 ug/L
034010	Toluene	G	N	EPA8260	03-03-00 1709	<0.457 ug/L	0.457 ug/L

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Facility GMS#: _____

Sample Date: 02-23-00

Test Site ID#: _____

Sample Time: 1215

Report Period: _____

Well Name: Resource Recovery 4MW-4

Well Purged (Y/N): _____

FCL Sample ID: 7160Classification of Groundwater: G-IIWell Type ☐ Background☐ Intermediate☐ Compliance

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

☐ Other

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Results/Units	Detection Limits/Units
077613	1,2,3-trichlorobenzene	G	N	EPA8260	03-03-00 1709	<0.531 ug/L	0.531 ug/L
034551	1,2,4-trichlorobenzene	G	N	EPA8260	03-03-00 1709	<0.514 ug/L	0.514 ug/L
034506	1,1,1-trichloroethane	G	N	EPA8260	03-03-00 1709	<0.181 ug/L	0.181 ug/L
034511	1,1,2-trichloroethane	G	N	EPA8260	03-03-00 1709	<0.443 ug/L	0.443 ug/L
039180	Trichloroethene	G	N	EPA8260	03-03-00 1709	<0.537 ug/L	0.537 ug/L
034488	Trichlorofluoromethane	G	N	EPA8260	03-03-00 1709	<0.421 ug/L	0.421 ug/L
077443	1,2,3-trichloropropane	G	N	EPA8260	03-03-00 1709	<0.519 ug/L	0.519 ug/L
077222	1,2,4-trimethylbenzene	G	N	EPA8260	03-03-00 1709	<0.255 ug/L	0.255 ug/L
077226	1,3,5-trimethylbenzene	G	N	EPA8260	03-03-00 1709	<0.295 ug/L	0.295 ug/L
077057	Vinyl acetate	G	N	EPA8260	03-03-00 1709	<1.36 ug/L	1.36 ug/L
039175	Vinyl chloride	G	N	EPA8260	03-03-00 1709	<0.459 ug/L	0.459 ug/L
081551	Xylene	G	N	EPA8260	03-03-00 1709	<0.805 ug/L	0.805 ug/L

PART III ANALYTICAL RESULTS

Facility GMS #: 4051C00030 Sampling Date/Time: 02/23/00 @ 1245
 Test Site ID #: 4051A16509 Report Period: 2000 / Quarter I
 (year/quarter)
 Well Name: 2MW-5 Well Purged (Y/N): YES
 Classification of Groundwater: Surficial Well Type: () Background
 () Intermediate
 Groundwater Elevation (NGVD): _____ (XXX) Compliance
 () Other
 or (MSL): _____

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	*Analysis Results/Units	Detection Limits/Units
000929	Sodium	Wel Wiz. Ded. Mon. System	No	SM 3111B		Dry mg/L	0.01 mg/L
001045	Iron	"	"	SM 3111B		Dry mg/L	0.02 mg/L
071900	Mercury	"	"	SM 3112B		Dry mg/L	0.0002 mg/L
000400	pH-Field	"	"	SM 4500H+B		Dry Std. Units	0.01 Std. Units
000010	Temperature (Field)	"	"	SM 2550B		Dry °C	0 °C
000095	Specific Cond. (Field)	"	"	SM 2510B		Dry µmhos/cm	0.0 µmhos/cm
000344	D.O. (Field)	"	"	SM 45000G		Dry mg/L	0.0 mg/L
082079	Turbidity	"	"	SM 2130B		Dry NTU	0.01 NTU
000940	Chloride	"	"	SM 4500Cl-B		Dry mg/L	0.15 mg/L
070300	Total Dis. Solids	"	"	SM 2540C		Dry mg/L	1 mg/L
000610	Ammonia	"	"	SM 4500NH ₃ H		Dry mg/L	0.03 mg/L
000620	Nitrate	"	"	SM 4500N ₃ F		Dry mg/L	0.11 mg/L
072020	Water Level (MSL)	"	"			Dry Feet	Feet

*Attach Laboratory Reports

PART III ANALYTICAL RESULTS

Facility GMS #: 4051C00030 Sampling Date/Time: 02/23/00 @ 1420

Test Site ID #: 4051A16514 Report Period: 2000 / Quarter I
(year/quarter)

Well Name: 4MW-5 Well Purged (Y/N): YES

Classification of Groundwater: Floridan Well Type: () Background
() Intermediate
Groundwater Elevation (NGVD): W 2389 (XXX) Compliance
() Other
or (MSL): 23.81

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	*Analysis Results/Units	Detection Limits/Units
000929	Sodium	Wel Wiz. Ded. Mon. System	No	SM 3111B	02/25/00 0930	13.7 mg/L	0.01 mg/L
001045	Iron	"	"	SM 3111B	02/25/00 1015	0.02 mg/L	0.02 mg/L
071900	Mercury	"	"	SM 3112B	02/29/00 1045	0.0002 mg/L	0.0002 mg/L
000400	pH-Field	"	"	SM 4500H+B	02/23/00 1420	7.31 Std. Units	0.01 Std. Units
000010	Temperature (Field)	"	"	SM 2550B	02/23/00 1420	24.00 °C	0 °C
000095	Specific Cond. (Field)	"	"	SM 2510B	02/23/00 1420	506 µmhos/cm	0.0 µmhos/cm
000344	D.O. (Field)	"	"	SM 45000G	02/23/00 1420	1.70 mg/L	0.0 mg/L
082079	Turbidity	"	"	SM 2130B	02/23/00 1420	0.0 NTU	0.01 NTU
000940	Chloride	"	"	SM 4500CI-B	02/28/00 1400	86.8 mg/L	0.15 mg/L
070300	Total Dis. Solids	"	"	SM 2540C	02/25/00 0800	482 mg/L	1 mg/L
000610	Ammonia	"	"	SM 4500NH ₃ H	02/24/00 1400	0.05 mg/L	0.03 mg/L
000620	Nitrate	"	"	SM 4500NO ₃ F	02/25/00 1400	1.23 mg/L	0.11 mg/L
072020	Water Level (MSL)	"	"		02/23/00 1420	23.81 Feet	Feet

*Attach Laboratory Reports

FLOWERS CHEMICAL LABORATORIES, INC.

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

Facility GMS#: _____

Sample Date: 02-23-00

Test Site ID#: _____

Sample Time: 1420

Report Period: _____

Well Name: Resource Recovery 4MW-5

Well Purged (Y/N): _____

FCL Sample ID: 7161Well Type ☐ BackgroundClassification of Groundwater: G-II☐ Intermediate☐ Compliance

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

☐ Other

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Results/Units	Detection Limits/Units
01077	Silver	G	N	EPA6020	02-25-00 1153	0.000187 mg/L	0.00005 mg/L
01002	Arsenic	G	N	EPA6020	02-25-00 1153	0.00134 mg/L	0.00005 mg/L
01007	Barium	G	N	EPA6020	02-25-00 1153	0.0109 mg/L	0.00002 mg/L
01012	Beryllium	G	N	EPA6020	02-25-00 1153	<0.00028 mg/L	0.0002 mg/L
01027	Cadmium	G	N	EPA6020	02-25-00 1153	<0.00002 mg/L	0.00028 mg/L
01037	Cobalt	G	N	EPA6020	02-25-00 1153	0.000221 mg/L	0.00002 mg/L
01034	Chromium	G	N	EPA6020	02-25-00 1153	0.00102 mg/L	0.00002 mg/L
01042	Copper	G	N	EPA6020	02-25-00 1153	0.00151 mg/L	0.00005 mg/L
01067	Nickel	G	N	EPA6020	02-25-00 1153	0.00192 mg/L	0.00005 mg/L
01051	Lead	G	N	EPA6020	02-25-00 1153	0.000234 mg/L	0.0004 mg/L
01097	Antimony	G	N	EPA6020	02-25-00 1153	<0.00022 mg/L	0.0001 mg/L
01147	Selenium	G	N	EPA6020	02-25-00 1153	0.00421 mg/L	0.00022 mg/L
01059	Thallium	G	N	EPA6020	02-25-00 1153	0.00156 mg/L	0.00022 mg/L
01087	Vanadium	G	N	EPA6020	02-25-00 1153	0.00329 mg/L	0.00001 mg/L
01092	Zinc	G	N	EPA6020	02-25-00 1153	<0.00015 mg/L	0.00002 mg/L
	Dilution Factor			EPA5030	03-03-00 1753	1	
081552	Acetone	G	N	EPA8260	03-03-00 1753	<1.403 ug/L	1.403 ug/L
034215	Acrylonitrile	G	N	EPA8260	03-03-00 1753	<2.443 ug/L	2.443 ug/L
034030	Benzene	G	N	EPA8260	03-03-00 1753	<0.252 ug/L	0.252 ug/L
081555	Bromobenzene	G	N	EPA8260	03-03-00 1753	<0.171 ug/L	0.171 ug/L
077297	Bromochloromethane	G	N	EPA8260	03-03-00 1753	<0.158 ug/L	0.158 ug/L
032101	Bromodichloromethane	G	N	EPA8260	03-03-00 1753	<0.441 ug/L	0.441 ug/L
032104	Bromoform	G	N	EPA8260	03-03-00 1753	<0.163 ug/L	0.163 ug/L
034413	Bromomethane	G	N	EPA8260	03-03-00 1753	<0.504 ug/L	0.504 ug/L

FLOWERS CHEMICAL LABORATORIES, INC.

P.O. Box 150-597, Altamonte Springs, FL 32715-0597

(407) 339-5984

Facility GMS#: _____

Sample Date: 02-23-00

Sample Time: 1420

Test Site ID#: _____

Report Period: _____

Well Name: Resource Recovery 4MW-5

Well Purged (Y/N): _____

FCL Sample ID: 7161

Classification of Groundwater: G-II

Well Type ☐ Background☐ Intermediate☐ Compliance

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

☐ Other

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Results/Units	Detection Limits/Units
077342	n-butylbenzene	G	N	EPA8260	03-03-00 1753	<0.404 ug/L	0.404 ug/L
077350	sec-butylbenzene	G	N	EPA8260	03-03-00 1753	<0.381 ug/L	0.381 ug/L
077353	tert-butylbenzene	G	N	EPA8260	03-03-00 1753	<0.313 ug/L	0.313 ug/L
077041	Carbon disulfide	G	N	EPA8260	03-03-00 1753	<0.718 ug/L	0.718 ug/L
032102	Carbon tetrachloride	G	N	EPA8260	03-03-00 1753	<0.39 ug/L	0.39 ug/L
034301	Chlorobenzene	G	N	EPA8260	03-03-00 1753	<0.449 ug/L	0.449 ug/L
034311	Chloroethane	G	N	EPA8260	03-03-00 1753	<0.305 ug/L	0.305 ug/L
032105	Chloroform	G	N	EPA8260	03-03-00 1753	<0.251 ug/L	0.251 ug/L
034418	Chloromethane	G	N	EPA8260	03-03-00 1753	<0.537 ug/L	0.537 ug/L
077725	2-chlorotoluene	G	N	EPA8260	03-03-00 1753	<0.434 ug/L	0.434 ug/L
077277	4-chlorotoluene	G	N	EPA8260	03-03-00 1753	<0.335 ug/L	0.335 ug/L
081521	Dibromochloromethane	G	N	EPA8260	03-03-00 1753	<0.285 ug/L	0.285 ug/L
082625	1,2-dibromo-3-chloropropane	G	N	EPA8260	03-03-00 1753	<0.285 ug/L	0.285 ug/L
077651	1,2-dibromoethane	G	N	EPA8260	03-03-00 1753	<0.364 ug/L	0.364 ug/L
081522	Dibromomethane	G	N	EPA8260	03-03-00 1753	<0.402 ug/L	0.402 ug/L
034536	o-dichlorobenzene	G	N	EPA8260	03-03-00 1753	<0.212 ug/L	0.212 ug/L
034566	m-dichlorobenzene	G	N	EPA8260	03-03-00 1753	<0.249 ug/L	0.249 ug/L
034571	Para-dichlorobenzene	G	N	EPA8260	03-03-00 1753	<0.375 ug/L	0.375 ug/L
034668	Dichlorodifluoromethane	G	N	EPA8260	03-03-00 1753	<0.226 ug/L	0.226 ug/L
073547	t-1,4-dichloro-2-butene	G	N	EPA8260	03-03-00 1753	<0.321 ug/L	0.321 ug/L
034496	1,1-dichloroethane	G	N	EPA8260	03-03-00 1753	<0.54 ug/L	0.54 ug/L
034531	1,2-dichloroethane	G	N	EPA8260	03-03-00 1753	<0.202 ug/L	0.202 ug/L
034501	1,1-dichloroethene	G	N	EPA8260	03-03-00 1753	<0.535 ug/L	0.535 ug/L
077093	cis-1,2-dichloroethene	G	N	EPA8260	03-03-00 1753	<0.307 ug/L	0.307 ug/L
034546	t-1,2-dichloroethene	G	N	EPA8260	03-03-00 1753	<0.538 ug/L	0.538 ug/L

FLOWERS CHEMICAL LABORATORIES, INC.

P.O. Box 150-597, Altamonte Springs, FL 32715-0597

(407) 339-5984

Facility GMS#: _____

Sample Date: 02-23-00

Sample Time: 1420

Test Site ID#: _____

Report Period: _____

Well Name: Resource Recovery 4MW-5

Well Purged (Y/N): _____

FCL Sample ID: 7161

Well Type ☐ Background

Classification of Groundwater: G-II

☐ Intermediate☐ Compliance

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

☐ Other

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Results/Units	Detection Limits/Units
034531	1,2-dichloroethene	G	N	EPA8260	03-03-00 1753	<0.743 ug/L	0.743 ug/L
034541	1,2-dichloropropane	G	N	EPA8260	03-03-00 1753	<0.434 ug/L	0.434 ug/L
034561	1,3-dichloropropane	G	N	EPA8260	03-03-00 1753	<0.326 ug/L	0.326 ug/L
077170	2,2-dichloropropane	G	N	EPA8260	03-03-00 1753	<0.701 ug/L	0.701 ug/L
077168	1,1-dichloropropene	G	N	EPA8260	03-03-00 1753	<0.218 ug/L	0.218 ug/L
034704	cis-1,3-dichloropropene	G	N	EPA8260	03-03-00 1753	<0.433 ug/L	0.433 ug/L
034699	trans-1,3-dichloropropene	G	N	EPA8260	03-03-00 1753	<0.544 ug/L	0.544 ug/L
034371	Ethylbenzene	G	N	EPA8260	03-03-00 1753	<0.452 ug/L	0.452 ug/L
039702	Hexachlorobutadiene	G	N	EPA8260	03-03-00 1753	<0.388 ug/L	0.388 ug/L
077103	2-Hexanone	G	N	EPA8260	03-03-00 1753	<0.347 ug/L	0.347 ug/L
034396	Hexachloroethane	G	N	EPA8260	03-03-00 1753	<1 ug/L	1 ug/L
077223	Isopropylbenzene	G	N	EPA8260	03-03-00 1753	<0.309 ug/L	0.309 ug/L
077356	4-isopropyltoluene	G	N	EPA8260	03-03-00 1753	<0.303 ug/L	0.303 ug/L
034423	Methylene chloride	G	N	EPA8260	03-03-00 1753	<0.241 ug/L	0.241 ug/L
078032	Methyl-tert-butylether	G	N	EPA8260	03-03-00 1753	<0.563 ug/L	0.563 ug/L
081595	2-butanone	G	N	EPA8260	03-03-00 1753	<0.884 ug/L	0.884 ug/L
077424	Methyl iodide	G	N	EPA8260	03-03-00 1753	<0.411 ug/L	0.411 ug/L
081596	4-methyl-2-pentanone	G	N	EPA8260	03-03-00 1753	<0.938 ug/L	0.938 ug/L
034696	Naphthalene	G	N	EPA8260	03-03-00 1753	<0.718 ug/L	0.718 ug/L
077224	Propylbenzene	G	N	EPA8260	03-03-00 1753	<0.317 ug/L	0.317 ug/L
077128	Styrene	G	N	EPA8260	03-03-00 1753	<0.382 ug/L	0.382 ug/L
077562	1,1,1,2-tetrachloroethane	G	N	EPA8260	03-03-00 1753	<0.405 ug/L	0.405 ug/L
034516	1,1,2,2-tetrachloroethane	G	N	EPA8260	03-03-00 1753	<0.499 ug/L	0.499 ug/L
034475	Tetrachloroethene	G	N	EPA8260	03-03-00 1753	<0.458 ug/L	0.458 ug/L
034010	Toluene	G	N	EPA8260	03-03-00 1753	<0.457 ug/L	0.457 ug/L

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(407) 339-5984

Facility GMS#: _____

Sample Date: 02-23-00

Test Site ID#: _____

Sample Time: 1420

Report Period: _____

Well Name: Resource Recovery 4MW-5

Well Purged (Y/N): _____

FCL Sample ID: 7161Classification of Groundwater: G-IIWell Type ☐ Background☐ Intermediate☐ Compliance

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

☐ Other

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Results/Units	Detection Limits/Units
077613	1,2,3-trichlorobenzene	G	N	EPA8260	03-03-00 1753	<0.531 ug/L	0.531 ug/L
034551	1,2,4-trichlorobenzene	G	N	EPA8260	03-03-00 1753	<0.514 ug/L	0.514 ug/L
034506	1,1,1-trichloroethane	G	N	EPA8260	03-03-00 1753	<0.181 ug/L	0.181 ug/L
034511	1,1,2-trichloroethane	G	N	EPA8260	03-03-00 1753	<0.443 ug/L	0.443 ug/L
039180	Trichloroethene	G	N	EPA8260	03-03-00 1753	<0.537 ug/L	0.537 ug/L
034488	Trichlorofluoromethane	G	N	EPA8260	03-03-00 1753	<0.421 ug/L	0.421 ug/L
077443	1,2,3-trichloropropane	G	N	EPA8260	03-03-00 1753	<0.519 ug/L	0.519 ug/L
077222	1,2,4-trimethylbenzene	G	N	EPA8260	03-03-00 1753	<0.255 ug/L	0.255 ug/L
077226	1,3,5-trimethylbenzene	G	N	EPA8260	03-03-00 1753	<0.295 ug/L	0.295 ug/L
077057	Vinyl acetate	G	N	EPA8260	03-03-00 1753	<1.36 ug/L	1.36 ug/L
039175	Vinyl chloride	G	N	EPA8260	03-03-00 1753	<0.459 ug/L	0.459 ug/L
081551	Xylene	G	N	EPA8260	03-03-00 1753	<0.805 ug/L	0.805 ug/L

PART III ANALYTICAL RESULTS

Facility GMS #: 4051C00030 Sampling Date/Time: 02/23/00 @ 1420
 Test Site ID #: 4051A16514 Report Period: 2000 / Quarter I
 (year/quarter)
 Well Name: 4MW-5 (DUPLICATE) Well Purged (Y/N): YES
 Classification of Groundwater: Floridan Well Type: () Background
 () Intermediate
 (XXX) Compliance
 () Other
 Groundwater Elevation (NGVD): _____
 or (MSL): 23.81

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	*Analysis Results/Units	Detection Limits/Units
000929	Sodium	Wel Wiz. Ded. Mon. System	No	SM 3111B	02/25/00 0930	13.8 mg/L	0.01 mg/L
001045	Iron	"	"	SM 3111B	02/25/00 1015	0.02 mg/L	0.02 mg/L
071900	Mercury	"	"	SM 3112B	02/29/00 1045	<0.0002 mg/L	0.0002 mg/L
000400	pH-Field	"	"	SM 4500H+B	02/23/00 1420	7.32 Std. Units	0.01 Std. Units
000010	Temperature (Field)	"	"	SM 2550B	02/23/00 1420	23.80 °C	0 °C
000095	Specific Cond. (Field)	"	"	SM 2510B	02/23/00 1420	501 µmhos/cm	0.0 µmhos/cm
000344	D.O. (Field)	"	"	SM 4500G	02/23/00 1420	1.60 mg/L	0.0 mg/L
082079	Turbidity	"	"	SM 2130B	02/23/00 1420	0.0 NTU	0.01 NTU
000940	Chloride	"	"	SM 4500Cl-B	02/28/00 1400	85.1 mg/L	0.15 mg/L
070300	Total Dis. Solids	"	"	SM 2540C	02/25/00 0800	504 mg/L	1 mg/L
000610	Ammonia	"	"	SM 4500NH ₃ H	02/24/00 1400	0.07 mg/L	0.03 mg/L
000620	Nitrate	"	"	SM 4500NO ₃ F	02/25/00 1400	1.17 mg/L	0.11 mg/L
072020	Water Level (MSL)	"	"		02/23/00 1420	23.81 Feet	Feet

*Attach Laboratory Reports

FLOWERS CHEMICAL LABORATORIES, INC.

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

Facility GMS#: _____

Sample Date: 02-23-00

Test Site ID#: _____

Sample Time: 1420

Report Period: _____

Well Name: Resource Recovery 4MW-5 Duplicate

Well Purged (Y/N): _____

FCL Sample ID: 7163Classification of Groundwater: G-IIWell Type ☐ Background☐ Intermediate☐ Compliance

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

☐ Other

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Results/Units	Detection Limits/Units
01077	Silver	G	N	EPA6020	02-25-00 1153	0.0000511 mg/L	0.00005 mg/L
01002	Arsenic	G	N	EPA6020	02-25-00 1153	0.00124 mg/L	0.00005 mg/L
01007	Barium	G	N	EPA6020	02-25-00 1153	0.0123 mg/L	0.00002 mg/L
01012	Beryllium	G	N	EPA6020	02-25-00 1153	<0.00028 mg/L	0.0002 mg/L
01027	Cadmium	G	N	EPA6020	02-25-00 1153	<0.00002 mg/L	0.00028 mg/L
01037	Cobalt	G	N	EPA6020	02-25-00 1153	0.000224 mg/L	0.00002 mg/L
01034	Chromium	G	N	EPA6020	02-25-00 1153	0.000322 mg/L	0.00002 mg/L
01042	Copper	G	N	EPA6020	02-25-00 1153	0.00472 mg/L	0.00005 mg/L
01067	Nickel	G	N	EPA6020	02-25-00 1153	0.00246 mg/L	0.00005 mg/L
01051	Lead	G	N	EPA6020	02-25-00 1153	0.000622 mg/L	0.0004 mg/L
01097	Antimony	G	N	EPA6020	02-25-00 1153	<0.00022 mg/L	0.0001 mg/L
01147	Selenium	G	N	EPA6020	02-25-00 1153	0.00473 mg/L	0.00022 mg/L
01059	Thallium	G	N	EPA6020	02-25-00 1153	0.00143 mg/L	0.00022 mg/L
01087	Vanadium	G	N	EPA6020	02-25-00 1153	0.00332 mg/L	0.00001 mg/L
01092	Zinc	G	N	EPA6020	02-25-00 1153	0.0112 mg/L	0.00002 mg/L
	Dilution Factor			EPA5030	03-03-00 1919	1	
081552	Acetone	G	N	EPA8260	03-03-00 1919	<1.403 ug/L	1.403 ug/L
034215	Acrylonitrile	G	N	EPA8260	03-03-00 1919	<2.443 ug/L	2.443 ug/L
034030	Benzene	G	N	EPA8260	03-03-00 1919	<0.252 ug/L	0.252 ug/L
081555	Bromobenzene	G	N	EPA8260	03-03-00 1919	<0.171 ug/L	0.171 ug/L
077297	Bromochloromethane	G	N	EPA8260	03-03-00 1919	<0.158 ug/L	0.158 ug/L
032101	Bromodichloromethane	G	N	EPA8260	03-03-00 1919	<0.441 ug/L	0.441 ug/L
032104	Bromoform	G	N	EPA8260	03-03-00 1919	<0.163 ug/L	0.163 ug/L
034413	Bromomethane	G	N	EPA8260	03-03-00 1919	<0.504 ug/L	0.504 ug/L

FLOWERS CHEMICAL LABORATORIES, INC.

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Facility GMS#: _____

Sample Date: 02-23-00

Test Site ID#: _____

Sample Time: 1420

Report Period: _____

Well Name: Resource Recovery 4MW-5 Duplicate

Well Purged (Y/N): _____

FCL Sample ID: 7163Classification of Groundwater: G-IIWell Type ☐ Background☐ Intermediate☐ Compliance

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

☐ Other

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Results/Units	Detection Limits/Units
077342	n-butylbenzene	G	N	EPA8260	03-03-00 1919	<0.404 ug/L	0.404 ug/L
077350	sec-butylbenzene	G	N	EPA8260	03-03-00 1919	<0.381 ug/L	0.381 ug/L
077353	tert-butylbenzene	G	N	EPA8260	03-03-00 1919	<0.313 ug/L	0.313 ug/L
077041	Carbon disulfide	G	N	EPA8260	03-03-00 1919	<0.718 ug/L	0.718 ug/L
032102	Carbon tetrachloride	G	N	EPA8260	03-03-00 1919	<0.39 ug/L	0.39 ug/L
034301	Chlorobenzene	G	N	EPA8260	03-03-00 1919	<0.449 ug/L	0.449 ug/L
034311	Chloroethane	G	N	EPA8260	03-03-00 1919	<0.305 ug/L	0.305 ug/L
032105	Chloroform	G	N	EPA8260	03-03-00 1919	<0.251 ug/L	0.251 ug/L
034418	Chloromethane	G	N	EPA8260	03-03-00 1919	<0.537 ug/L	0.537 ug/L
077725	2-chlorotoluene	G	N	EPA8260	03-03-00 1919	<0.434 ug/L	0.434 ug/L
077277	4-chlorotoluene	G	N	EPA8260	03-03-00 1919	<0.335 ug/L	0.335 ug/L
081521	Dibromochloromethane	G	N	EPA8260	03-03-00 1919	<0.285 ug/L	0.285 ug/L
082625	1,2-dibromo-3-chloropropane	G	N	EPA8260	03-03-00 1919	<0.285 ug/L	0.285 ug/L
077651	1,2-dibromoethane	G	N	EPA8260	03-03-00 1919	<0.364 ug/L	0.364 ug/L
081522	Dibromomethane	G	N	EPA8260	03-03-00 1919	<0.402 ug/L	0.402 ug/L
034536	o-dichlorobenzene	G	N	EPA8260	03-03-00 1919	<0.212 ug/L	0.212 ug/L
034566	m-dichlorobenzene	G	N	EPA8260	03-03-00 1919	<0.249 ug/L	0.249 ug/L
034571	Para-dichlorobenzene	G	N	EPA8260	03-03-00 1919	<0.375 ug/L	0.375 ug/L
034668	Dichlorodifluoromethane	G	N	EPA8260	03-03-00 1919	<0.226 ug/L	0.226 ug/L
073547	t-1,4-dichloro-2-butene	G	N	EPA8260	03-03-00 1919	<0.321 ug/L	0.321 ug/L
034496	1,1-dichloroethane	G	N	EPA8260	03-03-00 1919	<0.54 ug/L	0.54 ug/L
034531	1,2-dichloroethane	G	N	EPA8260	03-03-00 1919	<0.202 ug/L	0.202 ug/L
034501	1,1-dichloroethene	G	N	EPA8260	03-03-00 1919	<0.535 ug/L	0.535 ug/L
077093	cis-1,2-dichloroethene	G	N	EPA8260	03-03-00 1919	<0.307 ug/L	0.307 ug/L
034546	t-1,2-dichloroethene	G	N	EPA8260	03-03-00 1919	<0.538 ug/L	0.538 ug/L

FLOWERS CHEMICAL LABORATORIES, INC.

P.O. Box 150-597, Altamonte Springs, FL 32715-0597

(407) 339-5984

Facility GMS#: _____

Sample Date: 02-23-00

Sample Time: 1420

Test Site ID#: _____

Report Period: _____

Well Name: Resource Recovery 4MW-5 Duplicate

Well Purged (Y/N): _____

FCL Sample ID: 7163

Well Type ☐ Background

Classification of Groundwater: G-II

☐ Intermediate☐ Compliance

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

☐ Other

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Results/Units	Detection Limits/Units
034531	1,2-dichloroethene	G	N	EPA8260	03-03-00 1919	<0.743 ug/L	0.743 ug/L
034541	1,2-dichloropropane	G	N	EPA8260	03-03-00 1919	<0.434 ug/L	0.434 ug/L
034561	1,3-dichloropropane	G	N	EPA8260	03-03-00 1919	<0.326 ug/L	0.326 ug/L
077170	2,2-dichloropropane	G	N	EPA8260	03-03-00 1919	<0.701 ug/L	0.701 ug/L
077168	1,1-dichloropropene	G	N	EPA8260	03-03-00 1919	<0.218 ug/L	0.218 ug/L
034704	cis-1,3-dichloropropene	G	N	EPA8260	03-03-00 1919	<0.433 ug/L	0.433 ug/L
034699	trans-1,3,-dichloropropene	G	N	EPA8260	03-03-00 1919	<0.544 ug/L	0.544 ug/L
034371	Ethylbenzene	G	N	EPA8260	03-03-00 1919	<0.452 ug/L	0.452 ug/L
039702	Hexachlorobutadiene	G	N	EPA8260	03-03-00 1919	<0.388 ug/L	0.388 ug/L
077103	2-Hexanone	G	N	EPA8260	03-03-00 1919	<0.347 ug/L	0.347 ug/L
034396	Hexachloroethane	G	N	EPA8260	03-03-00 1919	<1 ug/L	1 ug/L
077223	Isopropylbenzene	G	N	EPA8260	03-03-00 1919	<0.309 ug/L	0.309 ug/L
077356	4-isopropyltoluene	G	N	EPA8260	03-03-00 1919	<0.303 ug/L	0.303 ug/L
034423	Methylene chloride	G	N	EPA8260	03-03-00 1919	<0.241 ug/L	0.241 ug/L
078032	Methyl-tert-butylether	G	N	EPA8260	03-03-00 1919	<0.563 ug/L	0.563 ug/L
081595	2-butanone	G	N	EPA8260	03-03-00 1919	<0.884 ug/L	0.884 ug/L
077424	Methyl iodide	G	N	EPA8260	03-03-00 1919	<0.411 ug/L	0.411 ug/L
081596	4-methyl-2-pentanone	G	N	EPA8260	03-03-00 1919	<0.938 ug/L	0.938 ug/L
034696	Naphthalene	G	N	EPA8260	03-03-00 1919	<0.718 ug/L	0.718 ug/L
077224	Propylbenzene	G	N	EPA8260	03-03-00 1919	<0.317 ug/L	0.317 ug/L
077128	Styrene	G	N	EPA8260	03-03-00 1919	<0.382 ug/L	0.382 ug/L
077562	1,1,1,2-tetrachloroethane	G	N	EPA8260	03-03-00 1919	<0.405 ug/L	0.405 ug/L
034516	1,1,2,2-tetrachloroethane	G	N	EPA8260	03-03-00 1919	<0.499 ug/L	0.499 ug/L
034475	Tetrachloroethene	G	N	EPA8260	03-03-00 1919	<0.458 ug/L	0.458 ug/L
034010	Toluene	G	N	EPA8260	03-03-00 1919	<0.457 ug/L	0.457 ug/L

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Facility GMS#: _____

Sample Date: 02-23-00

Sample Time: 1420

Test Site ID#: _____

Report Period: _____

Well Name: Resource Recovery 4MW-5 Duplicate

Well Purged (Y/N): _____

FCL Sample ID: 7163

Well Type ☐ Background

Classification of Groundwater: G-II

☐ Intermediate

☐ Compliance

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

☐ Other

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Results/Units	Detection Limits/Units
077613	1,2,3-trichlorobenzene	G	N	EPA8260	03-03-00 1919	<0.531 ug/L	0.531 ug/L
034551	1,2,4-trichlorobenzene	G	N	EPA8260	03-03-00 1919	<0.514 ug/L	0.514 ug/L
034506	1,1,1-trichloroethane	G	N	EPA8260	03-03-00 1919	<0.181 ug/L	0.181 ug/L
034511	1,1,2-trichloroethane	G	N	EPA8260	03-03-00 1919	<0.443 ug/L	0.443 ug/L
039180	Trichloroethene	G	N	EPA8260	03-03-00 1919	<0.537 ug/L	0.537 ug/L
034488	Trichlorofluoromethane	G	N	EPA8260	03-03-00 1919	<0.421 ug/L	0.421 ug/L
077443	1,2,3-trichloropropane	G	N	EPA8260	03-03-00 1919	<0.519 ug/L	0.519 ug/L
077222	1,2,4-trimethylbenzene	G	N	EPA8260	03-03-00 1919	<0.255 ug/L	0.255 ug/L
077226	1,3,5-trimethylbenzene	G	N	EPA8260	03-03-00 1919	<0.295 ug/L	0.295 ug/L
077057	Vinyl acetate	G	N	EPA8260	03-03-00 1919	<1.36 ug/L	1.36 ug/L
039175	Vinyl chloride	G	N	EPA8260	03-03-00 1919	<0.459 ug/L	0.459 ug/L
081551	Xylene	G	N	EPA8260	03-03-00 1919	<0.805 ug/L	0.805 ug/L

PART III ANALYTICAL RESULTS

Facility GMS #: 4051C00030 Sampling Date/Time: 02/23/00 @ 0905
 Test Site ID #: 4051A16510 Report Period: 2000 / Quarter I
 (year/quarter)
 Well Name: 2MW-6 Well Purged (Y/N): YES
 Classification of Groundwater: Surficial Well Type: () Background
 () Intermediate
 Groundwater Elevation (NGVD): _____ (XXX) Compliance
 () Other
 or (MSL): _____

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	*Analysis Results/Units	Detection Limits/Units
000929	Sodium	Wel Wiz. Ded. Mon. System	No	SM 3111B		Dry mg/L	0.01 mg/L
001045	Iron	"	"	SM 3111B		Dry mg/L	0.02 mg/L
071900	Mercury	"	"	SM 3112B		Dry mg/L	0.0002 mg/L
000400	pH-Field	"	"	SM 4500H+B		Dry Std. Units	0.01 Std. Units
000010	Temperature (Field)	"	"	SM 2550B		Dry °C	0 °C
000095	Specific Cond. (Field)	"	"	SM 2510B		Dry µmhos/cm	0.0 µmhos/cm
000344	D.O. (Field)	"	"	SM 45000G		Dry mg/L	0.0 mg/L
082079	Turbidity	"	"	SM 2130B		Dry NTU	0.01 NTU
000940	Chloride	"	"	SM 4500Cl-B		Dry mg/L	0.15 mg/L
070300	Total Dis. Solids	"	"	SM 2540C		Dry mg/L	1 mg/L
000610	Ammonia	"	"	SM 4500NH ₃ H		Dry mg/L	0.03 mg/L
000620	Nitrate	"	"	SM 4500NO ₃ F		Dry mg/L	0.11 mg/L
072020	Water Level (MSL)	"	"			Dry Feet	Feet

*Attach Laboratory Reports

PART III ANALYTICAL RESULTS

Facility GMS #: 4051C00030 Sampling Date/Time: 02/23/00 @ 1115

Test Site ID #: 4051A16515 Report Period: 2000 / Quarter I
(year/quarter)

Well Name: 4MW-6 Well Purged (Y/N): YES

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

Groundwater Elevation (NGVD): W 2390
or (MSL): 27.43

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	*Analysis Results/Units	Detection Limits/Units
000929	Sodium	Wel Wiz. Ded. Mon. System	No	SM 3111B	02/25/00 0930	3.19 mg/L	0.01 mg/L
001045	Iron	"	"	SM 3111B	02/25/00 1015	0.02 mg/L	0.02 mg/L
071900	Mercury	"	"	SM 3112B	02/29/00 1045	<0.0002 mg/L	0.0002 mg/L
000400	pH-Field	"	"	SM 4500H+B	02/23/00 1115	7.94 Std. Units	0.01 Std. Units
000010	Temperature (Field)	"	"	SM 2550B	02/23/00 1115	23.10 °C	0 °C
000095	Specific Cond. (Field)	"	"	SM 2510B	02/23/00 1115	132 µmhos/cm	0.0 µmhos/cm
000344	D.O. (Field)	"	"	SM 4500G	02/23/00 1115	3.00 mg/L	0.0 mg/L
082079	Turbidity	"	"	SM 2130B	02/23/00 1115	0.0 NTU	0.01 NTU
000940	Chloride	"	"	SM 4500Cl-B	02/28/00 1400	18.4 mg/L	0.15 mg/L
070300	Total Dis. Solids	"	"	SM 2540C	02/25/00 0800	116 mg/L	1 mg/L
000610	Ammonia	"	"	SM 4500NH ₃ H	02/24/00 1400	0.07 mg/L	0.03 mg/L
000620	Nitrate	"	"	SM 4500N ₃ F	02/25/00 1400	1.06 mg/L	0.11 mg/L
072020	Water Level (MSL)	"	"		02/23/00 1115	27.43 Feet	Feet

*Attach Laboratory Reports

FLOWERS CHEMICAL LABORATORIES, INC.

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(407) 339-5984

Facility GMS#: _____

Sample Date: 02-23-00

Test Site ID#: _____

Sample Time: 1115

Report Period: _____

Well Name: Resource Recovery 4MW-6

Well Purged (Y/N): _____

FCL Sample ID: 7162Classification of Groundwater: G-IIWell Type ☐ Background☐ Intermediate☐ Compliance

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

☐ Other

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Results/Units	Detection Limits/Units
01077	Silver	G	N	EPA6020	02-25-00 1153	0.000800 mg/L	0.00005 mg/L
01002	Arsenic	G	N	EPA6020	02-25-00 1153	0.000800 mg/L	0.00005 mg/L
01007	Barium	G	N	EPA6020	02-25-00 1153	0.00556 mg/L	0.00002 mg/L
01012	Beryllium	G	N	EPA6020	02-25-00 1153	<0.00028 mg/L	0.0002 mg/L
01027	Cadmium	G	N	EPA6020	02-25-00 1153	<0.00002 mg/L	0.00028 mg/L
01037	Cobalt	G	N	EPA6020	02-25-00 1153	0.000313 mg/L	0.00002 mg/L
01034	Chromium	G	N	EPA6020	02-25-00 1153	0.000438 mg/L	0.00002 mg/L
01042	Copper	G	N	EPA6020	02-25-00 1153	0.0106 mg/L	0.00005 mg/L
01067	Nickel	G	N	EPA6020	02-25-00 1153	0.000611 mg/L	0.00005 mg/L
01051	Lead	G	N	EPA6020	02-25-00 1153	0.000308 mg/L	0.0004 mg/L
01097	Antimony	G	N	EPA6020	02-25-00 1153	<0.00022 mg/L	0.0001 mg/L
01147	Selenium	G	N	EPA6020	02-25-00 1153	0.00171 mg/L	0.00022 mg/L
01059	Thallium	G	N	EPA6020	02-25-00 1153	<0.00001 mg/L	0.00022 mg/L
01087	Vanadium	G	N	EPA6020	02-25-00 1153	0.00437 mg/L	0.00001 mg/L
01092	Zinc	G	N	EPA6020	02-25-00 1153	0.00342 mg/L	0.00002 mg/L
	Dilution Factor			EPA5030	03-03-00 1836	1	
081552	Acetone	G	N	EPA8260	03-03-00 1836	<1.403 ug/L	1.403 ug/L
034215	Acrylonitrile	G	N	EPA8260	03-03-00 1836	<2.443 ug/L	2.443 ug/L
034030	Benzene	G	N	EPA8260	03-03-00 1836	<0.252 ug/L	0.252 ug/L
081555	Bromobenzene	G	N	EPA8260	03-03-00 1836	<0.171 ug/L	0.171 ug/L
077297	Bromochloromethane	G	N	EPA8260	03-03-00 1836	<0.158 ug/L	0.158 ug/L
032101	Bromodichloromethane	G	N	EPA8260	03-03-00 1836	<0.441 ug/L	0.441 ug/L
032104	Bromoform	G	N	EPA8260	03-03-00 1836	<0.163 ug/L	0.163 ug/L
034413	Bromomethane	G	N	EPA8260	03-03-00 1836	<0.504 ug/L	0.504 ug/L

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(407) 339-5984

Facility GMS#: _____

Sample Date: 02-23-00

Test Site ID#: _____

Sample Time: 1115

Report Period: _____

Well Name: Resource Recovery 4MW-6

Well Purged (Y/N): _____

FCL Sample ID: 7162Well Type ☐ BackgroundClassification of Groundwater: G-II☐ Intermediate☐ Compliance

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

☐ Other

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Results/Units	Detection Limits/Units
077342	n-butylbenzene	G	N	EPA8260	03-03-00 1836	<0.404 ug/L	0.404 ug/L
077350	sec-butylbenzene	G	N	EPA8260	03-03-00 1836	<0.381 ug/L	0.381 ug/L
077353	tert-butylbenzene	G	N	EPA8260	03-03-00 1836	<0.313 ug/L	0.313 ug/L
077041	Carbon disulfide	G	N	EPA8260	03-03-00 1836	<0.718 ug/L	0.718 ug/L
032102	Carbon tetrachloride	G	N	EPA8260	03-03-00 1836	<0.39 ug/L	0.39 ug/L
034301	Chlorobenzene	G	N	EPA8260	03-03-00 1836	<0.449 ug/L	0.449 ug/L
034311	Chloroethane	G	N	EPA8260	03-03-00 1836	<0.305 ug/L	0.305 ug/L
032105	Chloroform	G	N	EPA8260	03-03-00 1836	<0.251 ug/L	0.251 ug/L
034418	Chloromethane	G	N	EPA8260	03-03-00 1836	<0.537 ug/L	0.537 ug/L
077725	2-chlorotoluene	G	N	EPA8260	03-03-00 1836	<0.434 ug/L	0.434 ug/L
077277	4-chlorotoluene	G	N	EPA8260	03-03-00 1836	<0.335 ug/L	0.335 ug/L
081521	Dibromochloromethane	G	N	EPA8260	03-03-00 1836	<0.285 ug/L	0.285 ug/L
082625	1,2-dibromo-3-chloropropane	G	N	EPA8260	03-03-00 1836	<0.285 ug/L	0.285 ug/L
077651	1,2-dibromoethane	G	N	EPA8260	03-03-00 1836	<0.364 ug/L	0.364 ug/L
081522	Dibromomethane	G	N	EPA8260	03-03-00 1836	<0.402 ug/L	0.402 ug/L
034536	o-dichlorobenzene	G	N	EPA8260	03-03-00 1836	<0.212 ug/L	0.212 ug/L
034566	m-dichlorobenzene	G	N	EPA8260	03-03-00 1836	<0.249 ug/L	0.249 ug/L
034571	Para-dichlorobenzene	G	N	EPA8260	03-03-00 1836	<0.375 ug/L	0.375 ug/L
034668	Dichlorodifluoromethane	G	N	EPA8260	03-03-00 1836	<0.226 ug/L	0.226 ug/L
073547	trans-1,4-dichloro-2-butene	G	N	EPA8260	03-03-00 1836	<0.321 ug/L	0.321 ug/L
034496	1,1-dichloroethane	G	N	EPA8260	03-03-00 1836	<0.54 ug/L	0.54 ug/L
034531	1,2-dichloroethane	G	N	EPA8260	03-03-00 1836	<0.202 ug/L	0.202 ug/L
034501	1,1-dichloroethene	G	N	EPA8260	03-03-00 1836	<0.535 ug/L	0.535 ug/L
077093	cis-1,2-dichloroethene	G	N	EPA8260	03-03-00 1836	<0.307 ug/L	0.307 ug/L
034546	trans-1,2-dichloroethene	G	N	EPA8260	03-03-00 1836	<0.538 ug/L	0.538 ug/L

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Facility GMS#: _____

Sample Date: 02-23-00

Test Site ID#: _____

Sample Time: 1115

Report Period: _____

Well Name: Resource Recovery 4MW-6

Well Purged (Y/N): _____

FCL Sample ID: 7162Well Type ☐ BackgroundClassification of Groundwater: G-II☐ Intermediate☐ Compliance

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

☐ Other

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Results/Units	Detection Limits/Units
034531	1,2-dichloroethene	G	N	EPA8260	03-03-00 1836	<0.743 ug/L	0.743 ug/L
034541	1,2-dichloropropane	G	N	EPA8260	03-03-00 1836	<0.434 ug/L	0.434 ug/L
034561	1,3-dichloropropane	G	N	EPA8260	03-03-00 1836	<0.326 ug/L	0.326 ug/L
077170	2,2-dichloropropane	G	N	EPA8260	03-03-00 1836	<0.701 ug/L	0.701 ug/L
077168	1,1-dichloropropene	G	N	EPA8260	03-03-00 1836	<0.218 ug/L	0.218 ug/L
034704	cis-1,3-dichloropropene	G	N	EPA8260	03-03-00 1836	<0.433 ug/L	0.433 ug/L
034699	trans-1,3-dichloropropene	G	N	EPA8260	03-03-00 1836	<0.544 ug/L	0.544 ug/L
034371	Ethylbenzene	G	N	EPA8260	03-03-00 1836	<0.452 ug/L	0.452 ug/L
039702	Hexachlorobutadiene	G	N	EPA8260	03-03-00 1836	<0.388 ug/L	0.388 ug/L
077103	2-Hexanone	G	N	EPA8260	03-03-00 1836	<0.347 ug/L	0.347 ug/L
034396	Hexachloroethane	G	N	EPA8260	03-03-00 1836	<1 ug/L	1 ug/L
077223	Isopropylbenzene	G	N	EPA8260	03-03-00 1836	<0.309 ug/L	0.309 ug/L
077356	4-isopropyltoluene	G	N	EPA8260	03-03-00 1836	<0.303 ug/L	0.303 ug/L
034423	Methylene chloride	G	N	EPA8260	03-03-00 1836	<0.241 ug/L	0.241 ug/L
078032	Methyl-tert-butylether	G	N	EPA8260	03-03-00 1836	<0.563 ug/L	0.563 ug/L
081595	2-butanone	G	N	EPA8260	03-03-00 1836	<0.884 ug/L	0.884 ug/L
077424	Methyl iodide	G	N	EPA8260	03-03-00 1836	<0.411 ug/L	0.411 ug/L
081596	4-methyl-2-pentanone	G	N	EPA8260	03-03-00 1836	<0.938 ug/L	0.938 ug/L
034696	Naphthalene	G	N	EPA8260	03-03-00 1836	<0.718 ug/L	0.718 ug/L
077224	Propylbenzene	G	N	EPA8260	03-03-00 1836	<0.317 ug/L	0.317 ug/L
077128	Styrene	G	N	EPA8260	03-03-00 1836	<0.382 ug/L	0.382 ug/L
077562	1,1,1,2-tetrachloroethane	G	N	EPA8260	03-03-00 1836	<0.405 ug/L	0.405 ug/L
034516	1,1,2,2-tetrachloroethane	G	N	EPA8260	03-03-00 1836	<0.499 ug/L	0.499 ug/L
034475	Tetrachloroethene	G	N	EPA8260	03-03-00 1836	<0.458 ug/L	0.458 ug/L
034010	Toluene	G	N	EPA8260	03-03-00 1836	<0.457 ug/L	0.457 ug/L

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(407) 339-5984

Facility GMS#: _____

Sample Date: 02-23-00

Test Site ID#: _____

Sample Time: 1115

Report Period: _____

Well Name: Resource Recovery 4MW-6

Well Purged (Y/N): _____

FCL Sample ID: 7162

Well Type ☐ Background

Classification of Groundwater: G-II

☐ Intermediate

☐ Compliance

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

☐ Other

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Results/Units	Detection Limits/Units
077613	1,2,3-trichlorobenzene	G	N	EPA8260	03-03-00 1836	<0.531 ug/L	0.531 ug/L
034551	1,2,4-trichlorobenzene	G	N	EPA8260	03-03-00 1836	<0.514 ug/L	0.514 ug/L
034506	1,1,1-trichloroethane	G	N	EPA8260	03-03-00 1836	<0.181 ug/L	0.181 ug/L
034511	1,1,2-trichloroethane	G	N	EPA8260	03-03-00 1836	<0.443 ug/L	0.443 ug/L
039180	Trichloroethene	G	N	EPA8260	03-03-00 1836	<0.537 ug/L	0.537 ug/L
034488	Trichlorofluoromethane	G	N	EPA8260	03-03-00 1836	<0.421 ug/L	0.421 ug/L
077443	1,2,3-trichloropropane	G	N	EPA8260	03-03-00 1836	<0.519 ug/L	0.519 ug/L
077222	1,2,4-trimethylbenzene	G	N	EPA8260	03-03-00 1836	<0.255 ug/L	0.255 ug/L
077226	1,3,5-trimethylbenzene	G	N	EPA8260	03-03-00 1836	<0.295 ug/L	0.295 ug/L
077057	Vinyl acetate	G	N	EPA8260	03-03-00 1836	<1.36 ug/L	1.36 ug/L
039175	Vinyl chloride	G	N	EPA8260	03-03-00 1836	<0.459 ug/L	0.459 ug/L
081551	Xylene	G	N	EPA8260	03-03-00 1836	<0.805 ug/L	0.805 ug/L

PART III ANALYTICAL RESULTS

Facility GMS #: 4051C00030 Sampling Date/Time: 02/24/00 @ 1045
 Test Site ID #: _____ Report Period: 2000 / Semester I
 (year/quarter)
 Well Name: 4MW-11D Well Purged (Y/N): YES
 Classification of Groundwater: Floridan Well Type: () Background
 () Intermediate
 Groundwater Elevation (NGVD): _____ () Compliance
 () Other
 or (MSL): 26.83 *W2510*

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	*Analysis Results/Units	Detection Limits/Units
000929	Sodium	Wel Wiz. Ded. Mon. System	No	SM 3111B	02/25/00 0930	4.85 mg/L	0.01 mg/L
001045	Iron	"	"	SM 3111B	02/25/00 1015	<0.02 mg/L	0.02 mg/L
071900	Mercury	"	"	SM 3112B	02/29/00 1045	0.0002 mg/L	0.0002 mg/L
000400	pH-Field	"	"	SM 4500H+B	02/24/00 1045	7.17 Std. Units	0.01 Std. Units
000010	Temperature (Field)	"	"	SM 2550B	02/24/00 1045	24.30 °C	0 °C
000095	Specific Cond. (Field)	"	"	SM 2510B	02/24/00 1045	384 µmhos/cm	0.0 µmhos/cm
000344	D.O. (Field)	"	"	SM 45000G	02/24/00 1045	1.95 mg/L	0.0 mg/L
082079	Turbidity	"	"	SM 2130B	02/24/00 1045	0.0 NTU	0.01 NTU
000940	Chloride	"	"	SM 4500CI-B	02/28/00 1400	18.3 mg/L	0.15 mg/L
070300	Total Dis. Solids	"	"	SM 2540C	02/25/00 0800	256 mg/L	1 mg/L
000610	Ammonia	"	"	SM 4500NH ₃ H	03/03/00 1500	<0.03 mg/L	0.03 mg/L
000620	Nitrate	"	"	SM 4500NO ₃ F	03/01/00 1400	0.16 mg/L	0.11 mg/L
072020	Water Level (MSL)	"	"		02/24/00 1045	26.80 Feet	Feet
900216	Color	"	"	SM 2120B	02/25/00 1500	6 PCU	0.0 PCU

*Attach Laboratory Reports

FLOWERS CHEMICAL LABORATORIES, INC.

P.O. Box 150-597, Altamonte Springs, FL 32715-0597

(407) 339-5984

Facility GMS#: _____

Sample Date: 02-24-00

Sample Time: 1015

Test Site ID#: _____

Report Period: _____

Well Name: West Pasco Class III Landfill 4 MW-11D

Well Purged (Y/N): _____

FCL Sample ID: 7230

Well Type ☐ Background

Classification of Groundwater: G-II

☐ Intermediate☐ Compliance

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

☐ Other

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Results/Units		Detection Limits/Units	
01077	Silver	G	N	EPA6020	02-25-00 1153	0.0374	mg/L	0.00005	mg/L
01002	Arsenic	G	N	EPA6020	02-25-00 1153	0.000767	mg/L	0.00005	mg/L
01007	Barium	G	N	EPA6020	02-25-00 1153	0.00717	mg/L	0.00002	mg/L
01012	Beryllium	G	N	EPA6020	02-25-00 1153	<0.00028	mg/L	0.0002	mg/L
01027	Cadmium	G	N	EPA6020	02-25-00 1153	<0.00002	mg/L	0.00028	mg/L
01037	Cobalt	G	N	EPA6020	02-25-00 1153	0.000203	mg/L	0.00002	mg/L
01034	Chromium	G	N	EPA6020	02-25-00 1153	0.00180	mg/L	0.00002	mg/L
01042	Copper	G	N	EPA6020	02-25-00 1153	0.00717	mg/L	0.00005	mg/L
01067	Nickel	G	N	EPA6020	02-25-00 1153	0.00177	mg/L	0.00005	mg/L
01051	Lead	G	N	EPA6020	02-25-00 1153	0.000544	mg/L	0.0004	mg/L
01097	Antimony	G	N	EPA6020	02-25-00 1153	<0.00022	mg/L	0.0001	mg/L
01147	Selenium	G	N	EPA6020	02-25-00 1153	0.000252	mg/L	0.00022	mg/L
01059	Thallium	G	N	EPA6020	02-25-00 1153	<0.00001	mg/L	0.00022	mg/L
01087	Vanadium	G	N	EPA6020	02-25-00 1153	0.00284	mg/L	0.00001	mg/L
01092	Zinc	G	N	EPA6020	02-25-00 1153	0.000278	mg/L	0.00002	mg/L
	Dilution Factor			EPA5030	03-03-00	1			
081552	Acetone	G	N	EPA8260	03-03-00	<4.46154	ug/L	1.403	ug/L
034215	Acrylonitrile	G	N	EPA8260	03-03-00	<7.76874	ug/L	2.443	ug/L
034030	Benzene	G	N	EPA8260	03-03-00	<0.80136	ug/L	0.252	ug/L
081555	Bromobenzene	G	N	EPA8260	03-03-00	<0.54378	ug/L	0.171	ug/L
077297	Bromochloromethane	G	N	EPA8260	03-03-00	<0.50244	ug/L	0.158	ug/L
032101	Bromodichloromethane	G	N	EPA8260	03-03-00	<1.40238	ug/L	0.441	ug/L
032104	Bromoform	G	N	EPA8260	03-03-00	<0.51834	ug/L	0.163	ug/L
034413	Bromomethane	G	N	EPA8260	03-03-00	<1.60272	ug/L	0.504	ug/L

FLOWERS CHEMICAL LABORATORIES, INC.

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

Facility GMS#: _____

Sample Date: 02-24-00

Test Site ID#: _____

Sample Time: 1015

Report Period: _____

Well Name: West Pasco Class III Landfill 4 MW-11D

Well Purged (Y/N): _____

FCL Sample ID: 7230

Well Type ☐ Background

Classification of Groundwater: G-II

☐ Intermediate

☐ Compliance

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

☐ Other

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Results/Units		Detection Limits/Units	
077342	n-butylbenzene	G	N	EPA8260	03-03-00	<1.28472	ug/L	0.404	ug/L
077350	sec-butylbenzene	G	N	EPA8260	03-03-00	<1.21158	ug/L	0.381	ug/L
077353	tert-butylbenzene	G	N	EPA8260	03-03-00	<0.99534	ug/L	0.313	ug/L
077041	Carbon disulfide	G	N	EPA8260	03-03-00	<2.28324	ug/L	0.718	ug/L
032102	Carbon tetrachloride	G	N	EPA8260	03-03-00	<1.2402	ug/L	0.39	ug/L
034301	Chlorobenzene	G	N	EPA8260	03-03-00	<0.449	ug/L	0.449	ug/L
034311	Chloroethane	G	N	EPA8260	03-03-00	<0.305	ug/L	0.305	ug/L
032105	Chloroform	G	N	EPA8260	03-03-00	<0.251	ug/L	0.251	ug/L
034418	Chloromethane	G	N	EPA8260	03-03-00	<0.537	ug/L	0.537	ug/L
077725	2-chlorotoluene	G	N	EPA8260	03-03-00	<1.38012	ug/L	0.434	ug/L
077277	4-chlorotoluene	G	N	EPA8260	03-03-00	<1.0653	ug/L	0.335	ug/L
081521	Dibromochloromethane	G	N	EPA8260	03-03-00	<0.9063	ug/L	0.285	ug/L
082625	1,2-dibromo-3-chloropropane	G	N	EPA8260	03-03-00	<0.9063	ug/L	0.285	ug/L
077651	1,2-dibromoethane	G	N	EPA8260	03-03-00	<1.15752	ug/L	0.364	ug/L
081522	Dibromomethane	G	N	EPA8260	03-03-00	<1.27836	ug/L	0.402	ug/L
034536	o-dichlorobenzene	G	N	EPA8260	03-03-00	<0.67416	ug/L	0.212	ug/L
034566	m-dichlorobenzene	G	N	EPA8260	03-03-00	<0.79182	ug/L	0.249	ug/L
034571	Para-dichlorobenzene	G	N	EPA8260	03-03-00	<1.1925	ug/L	0.375	ug/L
034668	Dichlorodifluoromethane	G	N	EPA8260	03-03-00	<0.71868	ug/L	0.226	ug/L
073547	t-1,4-dichloro-2-butene	G	N	EPA8260	03-03-00	<1.02078	ug/L	0.321	ug/L
034496	1,1-dichloroethane	G	N	EPA8260	03-03-00	<1.7172	ug/L	0.54	ug/L
034531	1,2-dichloroethane	G	N	EPA8260	03-03-00	<0.64236	ug/L	0.202	ug/L
034501	1,1-dichloroethene	G	N	EPA8260	03-03-00	<1.7013	ug/L	0.535	ug/L
077093	cis-1,2-dichloroethene	G	N	EPA8260	03-03-00	<0.97626	ug/L	0.307	ug/L
034546	t-1,2-dichloroethene	G	N	EPA8260	03-03-00	<1.71084	ug/L	0.538	ug/L

FLOWERS CHEMICAL LABORATORIES, INC.

P.O. Box 150-597, Altamonte Springs, FL 32715-0597

(407) 339-5984

Facility GMS#: _____

Sample Date: 02-24-00Sample Time: 1015

Test Site ID#: _____

Report Period: _____

Well Name: West Pasco Class III Landfill 4 MW-11D

Well Purged (Y/N): _____

FCL Sample ID: 7230Well Type ☐ BackgroundClassification of Groundwater: G-II☐ Intermediate☐ Compliance

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

☐ Other

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Results/Units		Detection Limits/Units	
034531	1,2-dichloroethene	G	N	EPA8260	03-03-00	<2.36274	ug/L	0.743	ug/L
034541	1,2-dichloropropane	G	N	EPA8260	03-03-00	<1.38012	ug/L	0.434	ug/L
034561	1,3-dichloropropane	G	N	EPA8260	03-03-00	<1.03668	ug/L	0.326	ug/L
077170	2,2-dichloropropane	G	N	EPA8260	03-03-00	<2.22918	ug/L	0.701	ug/L
077168	1,1-dichloropropene	G	N	EPA8260	03-03-00	<0.69324	ug/L	0.218	ug/L
034704	cis-1,3-dichloropropene	G	N	EPA8260	03-03-00	<1.37694	ug/L	0.433	ug/L
034699	trans-1,3-dichloropropene	G	N	EPA8260	03-03-00	<1.72992	ug/L	0.544	ug/L
034371	Ethylbenzene	G	N	EPA8260	03-03-00	<1.43736	ug/L	0.452	ug/L
039702	Hexachlorobutadiene	G	N	EPA8260	03-03-00	<1.23384	ug/L	0.388	ug/L
077103	2-Hexanone	G	N	EPA8260	03-03-00	<1.10346	ug/L	0.347	ug/L
034396	Hexachloroethane	G	N	EPA8260	03-03-00	<1	ug/L	1	ug/L
077223	Isopropylbenzene	G	N	EPA8260	03-03-00	<0.309	ug/L	0.309	ug/L
077356	4-isopropyltoluene	G	N	EPA8260	03-03-00	<0.303	ug/L	0.303	ug/L
034423	Methylene chloride	G	N	EPA8260	03-03-00	<0.241	ug/L	0.241	ug/L
078032	Methyl-tert-butylether	G	N	EPA8260	03-03-00	<0.563	ug/L	0.563	ug/L
081595	2-butanone	G	N	EPA8260	03-03-00	<0.884	ug/L	0.884	ug/L
077424	Methyl iodide	G	N	EPA8260	03-03-00	<0.411	ug/L	0.411	ug/L
081596	4-methyl-2-pentanone	G	N	EPA8260	03-03-00	<0.938	ug/L	0.938	ug/L
034696	Naphthalene	G	N	EPA8260	03-03-00	<0.718	ug/L	0.718	ug/L
077224	Propylbenzene	G	N	EPA8260	03-03-00	<0.317	ug/L	0.317	ug/L
077128	Styrene	G	N	EPA8260	03-03-00	<0.382	ug/L	0.382	ug/L
077562	1,1,1,2-tetrachloroethane	G	N	EPA8260	03-03-00	<0.405	ug/L	0.405	ug/L
034516	1,1,2,2-tetrachloroethane	G	N	EPA8260	03-03-00	<0.499	ug/L	0.499	ug/L
034475	Tetrachloroethene	G	N	EPA8260	03-03-00	<0.458	ug/L	0.458	ug/L
034010	Toluene	G	N	EPA8260	03-03-00	<0.457	ug/L	0.457	ug/L

FLOWERS CHEMICAL LABORATORIES, INC.

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

Facility GMS#: _____

Sample Date: 02-24-00Sample Time: 1015

Test Site ID#: _____

Report Period: _____

Well Name: West Pasco Class III Landfill 4 MW-11D

Well Purged (Y/N): _____

FCL Sample ID: 7230Classification of Groundwater: G-IIWell Type ☐ Background☐ Intermediate☐ Compliance

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

☐ Other

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Results/Units		Detection Limits/Units	
077613	1,2,3-trichlorobenzene	G	N	EPA8260	03-03-00	<0.531	ug/L	0.531	ug/L
034551	1,2,4-trichlorobenzene	G	N	EPA8260	03-03-00	<0.514	ug/L	0.514	ug/L
034506	1,1,1-trichloroethane	G	N	EPA8260	03-03-00	<0.181	ug/L	0.181	ug/L
034511	1,1,2-trichloroethane	G	N	EPA8260	03-03-00	<0.443	ug/L	0.443	ug/L
039180	Trichloroethene	G	N	EPA8260	03-03-00	<0.537	ug/L	0.537	ug/L
034488	Trichlorofluoromethane	G	N	EPA8260	03-03-00	<0.421	ug/L	0.421	ug/L
077443	1,2,3-trichloropropane	G	N	EPA8260	03-03-00	<0.519	ug/L	0.519	ug/L
077222	1,2,4-trimethylbenzene	G	N	EPA8260	03-03-00	<0.255	ug/L	0.255	ug/L
077226	1,3,5-trimethylbenzene	G	N	EPA8260	03-03-00	<0.295	ug/L	0.295	ug/L
077057	Vinyl acetate	G	N	EPA8260	03-03-00	<1.36	ug/L	1.36	ug/L
039175	Vinyl chloride	G	N	EPA8260	03-03-00	<0.459	ug/L	0.459	ug/L
081551	Xylene	G	N	EPA8260	03-03-00	<0.805	ug/L	0.805	ug/L

PART III ANALYTICAL RESULTS

Facility GMS #: 4051C00030 Sampling Date/Time: 02/24/00 @ 1045
 Test Site ID #: _____ Report Period: 2000 / Semester I
 (year/quarter)
 Well Name: 4MW-12D Well Purged (Y/N): YES
 Classification of Groundwater: Floridan Well Type: () Background
 () Intermediate
 Groundwater Elevation (NGVD): _____ () Compliance
 () Other
 or (MSL): 26.83 *2511*

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	*Analysis Results/Units	Detection Limits/Units
000929	Sodium	Wel Wiz. Ded. Mon. System	No	SM 3111B		4.85 mg/L	0.01 mg/L
001045	Iron	"	"	SM 3111B		<0.02 mg/L	0.02 mg/L
071900	Mercury	"	"	SM 3112B		0.0002 mg/L	0.0002 mg/L
000400	pH-Field	"	"	SM 4500H+B		7.17 Std. Units	0.01 Std. Units
000010	Temperature (Field)	"	"	SM 2550B		24.30 °C	0 °C
000095	Specific Cond. (Field)	"	"	SM 2510B		384 µmhos/cm	0.0 µmhos/cm
000344	D.O. (Field)	"	"	SM 45000G		1.95 mg/L	0.0 mg/L
082079	Turbidity	"	"	SM 2130B		0.0 NTU	0.01 NTU
000940	Chloride	"	"	SM 4500CI-B		18.3 mg/L	0.15 mg/L
070300	Total Dis. Solids	"	"	SM 2540C		256 mg/L	1 mg/L
000610	Ammonia	"	"	SM 4500NH ₃ H		<0.03 mg/L	0.03 mg/L
000620	Nitrate	"	"	SM 4500NO ₃ F		0.16 mg/L	0.11 mg/L
072020	Water Level (MSL)	"	"			26.83 Feet	Feet
900216	Color	"	"	SM 2120B		6 PCU	0.0 PCU

*Attach Laboratory Reports

FLOWERS CHEMICAL LABORATORIES, INC.

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

Facility GMS#: _____

Sample Date: 02-24-00

Test Site ID#: _____

Sample Time: 1045

Report Period: _____

Well Name: West Pasco Class III Landfill 4 MW-12D

Well Purged (Y/N): _____

FCL Sample ID: 7231Classification of Groundwater: G-IIWell Type ☐ Background☐ Intermediate☐ Compliance

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

☐ Other

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Results/Units		Detection Limits/Units	
01077	Silver	G	N	EPA6020	02-25-00 1153	0.0000728	mg/L	0.00005	mg/L
01002	Arsenic	G	N	EPA6020	02-25-00 1153	0.000817	mg/L	0.00005	mg/L
01007	Barium	G	N	EPA6020	02-25-00 1153	0.00939	mg/L	0.00002	mg/L
01012	Beryllium	G	N	EPA6020	02-25-00 1153	<0.00028	mg/L	0.0002	mg/L
01027	Cadmium	G	N	EPA6020	02-25-00 1153	0.0000294	mg/L	0.00028	mg/L
01037	Cobalt	G	N	EPA6020	02-25-00 1153	0.000176	mg/L	0.00002	mg/L
01034	Chromium	G	N	EPA6020	02-25-00 1153	0.000472	mg/L	0.00002	mg/L
01042	Copper	G	N	EPA6020	02-25-00 1153	0.00245	mg/L	0.00005	mg/L
01067	Nickel	G	N	EPA6020	02-25-00 1153	0.00228	mg/L	0.00005	mg/L
01051	Lead	G	N	EPA6020	02-25-00 1153	0.000191	mg/L	0.0004	mg/L
01097	Antimony	G	N	EPA6020	02-25-00 1153	0.000519	mg/L	0.0001	mg/L
01147	Selenium	G	N	EPA6020	02-25-00 1153	0.000883	mg/L	0.00022	mg/L
01059	Thallium	G	N	EPA6020	02-25-00 1153	<0.00001	mg/L	0.00022	mg/L
01087	Vanadium	G	N	EPA6020	02-25-00 1153	0.00155	mg/L	0.00001	mg/L
01092	Zinc	G	N	EPA6020	02-25-00 1153	<0.00015	mg/L	0.00002	mg/L
	Dilution Factor			EPA5030	03-03-00	1			
081552	Acetone	G	N	EPA8260	03-03-00	<4.46154	ug/L	1.403	ug/L
034215	Acrylonitrile	G	N	EPA8260	03-03-00	<7.76874	ug/L	2.443	ug/L
034030	Benzene	G	N	EPA8260	03-03-00	<0.80136	ug/L	0.252	ug/L
081555	Bromobenzene	G	N	EPA8260	03-03-00	<0.54378	ug/L	0.171	ug/L
077297	Bromochloromethane	G	N	EPA8260	03-03-00	<0.50244	ug/L	0.158	ug/L
032101	Bromodichloromethane	G	N	EPA8260	03-03-00	<1.40238	ug/L	0.441	ug/L
032104	Bromoform	G	N	EPA8260	03-03-00	<0.51834	ug/L	0.163	ug/L
034413	Bromomethane	G	N	EPA8260	03-03-00	<1.60272	ug/L	0.504	ug/L

FLOWERS CHEMICAL LABORATORIES, INC.

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

Facility GMS#: _____

Sample Date: 02-24-00

Test Site ID#: _____

Sample Time: 1045

Report Period: _____

Well Name: West Pasco Class III Landfill 4 MW-12D

Well Purged (Y/N): _____

FCL Sample ID: 7231Well Type ☐ BackgroundClassification of Groundwater: G-II☐ Intermediate☐ Compliance

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

☐ Other

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Results/Units		Detection Limits/Units	
077342	n-butylbenzene	G	N	EPA8260	03-03-00	<1.28472	ug/L	0.404	ug/L
077350	sec-butylbenzene	G	N	EPA8260	03-03-00	<1.21158	ug/L	0.381	ug/L
077353	tert-butylbenzene	G	N	EPA8260	03-03-00	<0.99534	ug/L	0.313	ug/L
077041	Carbon disulfide	G	N	EPA8260	03-03-00	<2.28324	ug/L	0.718	ug/L
032102	Carbon tetrachloride	G	N	EPA8260	03-03-00	<1.2402	ug/L	0.39	ug/L
034301	Chlorobenzene	G	N	EPA8260	03-03-00	<0.449	ug/L	0.449	ug/L
034311	Chloroethane	G	N	EPA8260	03-03-00	<0.305	ug/L	0.305	ug/L
032105	Chloroform	G	N	EPA8260	03-03-00	<0.251	ug/L	0.251	ug/L
034418	Chloromethane	G	N	EPA8260	03-03-00	<0.537	ug/L	0.537	ug/L
077725	2-chlorotoluene	G	N	EPA8260	03-03-00	<1.38012	ug/L	0.434	ug/L
077277	4-chlorotoluene	G	N	EPA8260	03-03-00	<1.0653	ug/L	0.335	ug/L
081521	Dibromochloromethane	G	N	EPA8260	03-03-00	<0.9063	ug/L	0.285	ug/L
082625	1,2-dibromo-3-chloropropane	G	N	EPA8260	03-03-00	<0.9063	ug/L	0.285	ug/L
077651	1,2-dibromoethane	G	N	EPA8260	03-03-00	<1.15752	ug/L	0.364	ug/L
081522	Dibromomethane	G	N	EPA8260	03-03-00	<1.27836	ug/L	0.402	ug/L
034536	o-dichlorobenzene	G	N	EPA8260	03-03-00	<0.67416	ug/L	0.212	ug/L
034566	m-dichlorobenzene	G	N	EPA8260	03-03-00	<0.79182	ug/L	0.249	ug/L
034571	Para-dichlorobenzene	G	N	EPA8260	03-03-00	<1.1925	ug/L	0.375	ug/L
034668	Dichlorodifluoromethane	G	N	EPA8260	03-03-00	<0.71868	ug/L	0.226	ug/L
073547	t-1,4-dichloro-2-butene	G	N	EPA8260	03-03-00	<1.02078	ug/L	0.321	ug/L
034496	1,1-dichloroethane	G	N	EPA8260	03-03-00	<1.7172	ug/L	0.54	ug/L
034531	1,2-dichloroethane	G	N	EPA8260	03-03-00	<0.64236	ug/L	0.202	ug/L
034501	1,1-dichloroethene	G	N	EPA8260	03-03-00	<1.7013	ug/L	0.535	ug/L
077093	cis-1,2-dichloroethene	G	N	EPA8260	03-03-00	<0.97626	ug/L	0.307	ug/L
034546	t-1,2-dichloroethene	G	N	EPA8260	03-03-00	<1.71084	ug/L	0.538	ug/L

FLOWERS CHEMICAL LABORATORIES, INC.

P.O. Box 150-597, Altamonte Springs, FL 32715-0597

(407) 339-5984

Facility GMS#: _____

Sample Date: 02-24-00

Sample Time: 1045

Test Site ID#: _____

Report Period: _____

Well Name: West Pasco Class III Landfill 4 MW-12D

Well Purged (Y/N): _____

FCL Sample ID: 7231

Well Type ☐ Background

Classification of Groundwater: G-II

☐ Intermediate☐ Compliance

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

☐ Other

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Results/Units		Detection Limits/Units	
034531	1,2-dichloroethene	G	N	EPA8260	03-03-00	<2.36274	ug/L	0.743	ug/L
034541	1,2-dichloropropane	G	N	EPA8260	03-03-00	<1.38012	ug/L	0.434	ug/L
034561	1,3-dichloropropane	G	N	EPA8260	03-03-00	<1.03668	ug/L	0.326	ug/L
077170	2,2-dichloropropane	G	N	EPA8260	03-03-00	<2.22918	ug/L	0.701	ug/L
077168	1,1-dichloropropene	G	N	EPA8260	03-03-00	<0.69324	ug/L	0.218	ug/L
034704	cis-1,3-dichloropropene	G	N	EPA8260	03-03-00	<1.37694	ug/L	0.433	ug/L
034699	trans-1,3-dichloropropene	G	N	EPA8260	03-03-00	<1.72992	ug/L	0.544	ug/L
034371	Ethylbenzene	G	N	EPA8260	03-03-00	<1.43736	ug/L	0.452	ug/L
039702	Hexachlorobutadiene	G	N	EPA8260	03-03-00	<1.23384	ug/L	0.388	ug/L
077103	2-Hexanone	G	N	EPA8260	03-03-00	<1.10346	ug/L	0.347	ug/L
034396	Hexachloroethane	G	N	EPA8260	03-03-00	<1	ug/L	1	ug/L
077223	Isopropylbenzene	G	N	EPA8260	03-03-00	<0.309	ug/L	0.309	ug/L
077356	4-isopropyltoluene	G	N	EPA8260	03-03-00	<0.303	ug/L	0.303	ug/L
034423	Methylene chloride	G	N	EPA8260	03-03-00	<0.241	ug/L	0.241	ug/L
078032	Methyl-tert-butylether	G	N	EPA8260	03-03-00	<0.563	ug/L	0.563	ug/L
081595	2-butanone	G	N	EPA8260	03-03-00	<0.884	ug/L	0.884	ug/L
077424	Methyl iodide	G	N	EPA8260	03-03-00	<0.411	ug/L	0.411	ug/L
081596	4-methyl-2-pentanone	G	N	EPA8260	03-03-00	<0.938	ug/L	0.938	ug/L
034696	Naphthalene	G	N	EPA8260	03-03-00	<0.718	ug/L	0.718	ug/L
077224	Propylbenzene	G	N	EPA8260	03-03-00	<0.317	ug/L	0.317	ug/L
077128	Styrene	G	N	EPA8260	03-03-00	<0.382	ug/L	0.382	ug/L
077562	1,1,1,2-tetrachloroethane	G	N	EPA8260	03-03-00	<0.405	ug/L	0.405	ug/L
034516	1,1,2,2-tetrachloroethane	G	N	EPA8260	03-03-00	<0.499	ug/L	0.499	ug/L
034475	Tetrachloroethene	G	N	EPA8260	03-03-00	<0.458	ug/L	0.458	ug/L
034010	Toluene	G	N	EPA8260	03-03-00	<0.457	ug/L	0.457	ug/L

FLOWERS CHEMICAL LABORATORIES, INC.

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

Facility GMS#: _____

Sample Date: 02-24-00

Test Site ID#: _____

Sample Time: 1045

Report Period: _____

Well Name: West Pasco Class III Landfill 4 MW-12D

Well Purged (Y/N): _____

FCL Sample ID: 7231Classification of Groundwater: G-IIWell Type ☐ Background☐ Intermediate☐ Compliance

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

☐ Other

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Results/Units		Detection Limits/Units	
077613	1,2,3-trichlorobenzene	G	N	EPA8260	03-03-00	<0.531	ug/L	0.531	ug/L
034551	1,2,4-trichlorobenzene	G	N	EPA8260	03-03-00	<0.514	ug/L	0.514	ug/L
034506	1,1,1-trichloroethane	G	N	EPA8260	03-03-00	<0.181	ug/L	0.181	ug/L
034511	1,1,2-trichloroethane	G	N	EPA8260	03-03-00	<0.443	ug/L	0.443	ug/L
039180	Trichloroethene	G	N	EPA8260	03-03-00	<0.537	ug/L	0.537	ug/L
034488	Trichlorofluoromethane	G	N	EPA8260	03-03-00	<0.421	ug/L	0.421	ug/L
077443	1,2,3-trichloropropane	G	N	EPA8260	03-03-00	<0.519	ug/L	0.519	ug/L
077222	1,2,4-trimethylbenzene	G	N	EPA8260	03-03-00	<0.255	ug/L	0.255	ug/L
077226	1,3,5-trimethylbenzene	G	N	EPA8260	03-03-00	<0.295	ug/L	0.295	ug/L
077057	Vinyl acetate	G	N	EPA8260	03-03-00	<1.36	ug/L	1.36	ug/L
039175	Vinyl chloride	G	N	EPA8260	03-03-00	<0.459	ug/L	0.459	ug/L
081551	Xylene	G	N	EPA8260	03-03-00	<0.805	ug/L	0.805	ug/L

PART III ANALYTICAL RESULTS

Facility GMS #: 4051C00030 Sampling Date/Time: 02/24/00 @ 1110

Test Site ID #: _____ Report Period: 2000 / Semester I
(year/quarter)

Well Name: 2MW-13D Well Purged (Y/N): YES

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

Groundwater 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
000929	Sodium	Wel Wiz. Ded. Mon. System	No	SM 3111B	02/25/00 0930	Dry mg/L	0.01 mg/L
001045	Iron	"	"	SM 3111B	02/25/00 1015	Dry mg/L	0.02 mg/L
071900	Mercury	"	"	SM 3112B	02/29/00 1045	Dry mg/L	0.0002 mg/L
000400	pH-Field	"	"	SM 4500H+B	02/24/00 1045	Dry Std. Units	0.01 Std. Units
000010	Temperature (Field)	"	"	SM 2550B	02/24/00 1045	Dry °C	0 °C
000095	Specific Cond. (Field)	"	"	SM 2510B	02/24/00 1045	Dry µmhos/cm	0.0 µmhos/cm
000344	D.O. (Field)	"	"	SM 45000G	02/24/00 1045	Dry mg/L	0.0 mg/L
082079	Turbidity	"	"	SM 2130B	02/24/00 1045	Dry NTU	0.01 NTU
000940	Chloride	"	"	SM 4500Cl-B	02/28/00 1400	Dry mg/L	0.15 mg/L
070300	Total Dis. Solids	"	"	SM 2540C	02/25/00 0800	Dry mg/L	1 mg/L
000610	Ammonia	"	"	SM 4500NH ₃ H	03/03/00 1500	Dry mg/L	0.03 mg/L
000620	Nitrate	"	"	SM 4500N ₃ F	03/01/00 1400	Dry mg/L	0.11 mg/L
072020	Water Level (MSL)	"	"		02/24/00 1045	Dry Feet	Feet
900216	Color	"	"	SM 2120B	02/25/00 1500	Dry PCU	0.0 PCU

*Attach Laboratory Reports

PART III ANALYTICAL RESULTS

Facility GMS #: 4051C00030 Sampling Date/Time: 02/24/00 @ 1230

Test Site ID #: _____ Report Period: 2000 / Semester I
(year/quarter)

Well Name: 4MW-14D Well Purged (Y/N): YES

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

Groundwater Elevation (NGVD): _____
or (MSL): 26.30 *W 25/2*

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	*Analysis Results/Units	Detection Limits/Units
000929	Sodium	Wel Wiz. Ded. Mon. System	No	SM 3111B	02/25/00 0930	17.3 mg/L	0.01 mg/L
001045	Iron	"	"	SM 3111B	02/25/00 1015	0.32 mg/L	0.02 mg/L
071900	Mercury	"	"	SM 3112B	02/29/00 1045	0.0002 mg/L	0.0002 mg/L
000400	pH-Field	"	"	SM 4500H+B	02/24/00 1230	7.29 Std. Units	0.01 Std. Units
000010	Temperature (Field)	"	"	SM 2550B	02/24/00 1230	25.20 °C	0 °C
000095	Specific Cond. (Field)	"	"	SM 2510B	02/24/00 1230	504 µmhos/cm	0.0 µmhos/cm
000344	D.O. (Field)	"	"	SM 45000G	02/24/00 1230	0.80 mg/L	0.0 mg/L
082079	Turbidity	"	"	SM 2130B	02/24/00 1230	0.0 NTU	0.01 NTU
000940	Chloride	"	"	SM 4500Cl-B	02/28/00 1400	77.5 mg/L	0.15 mg/L
070300	Total Dis. Solids	"	"	SM 2540C	02/25/00 0800	476 mg/L	1 mg/L
000610	Ammonia	"	"	SM 4500NH ₃ H	03/03/00 1500	<0.03 mg/L	0.03 mg/L
000620	Nitrate	"	"	SM 4500NO ₃ F	03/01/00 1400	0.40 mg/L	0.11 mg/L
072020	Water Level (MSL)	"	"		02/24/00 1230	26.30 Feet	Feet
900216	Color	"	"	SM 2120B	02/25/00 1500	80 PCU	0.0 PCU

*Attach Laboratory Reports

FLOWERS CHEMICAL LABORATORIES, INC.

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

Facility GMS#: _____

Sample Date: 02-24-00

Test Site ID#: _____

Sample Time: 1230

Report Period: _____

Well Name: West Pasco Class III Landfill 4 MW-14D

Well Purged (Y/N): _____

FCL Sample ID: 7232

Well Type ☐ Background

Classification of Groundwater: G-II

☐ Intermediate

☐ Compliance

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

☐ Other

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Results/Units		Detection Limits/Units
01077	Silver	G	N	EPA6020	02-25-00 1153	0.00644	mg/L	0.00005 mg/L
01002	Arsenic	G	N	EPA6020	02-25-00 1153	0.00189	mg/L	0.00005 mg/L
01007	Barium	G	N	EPA6020	02-25-00 1153	0.0308	mg/L	0.00002 mg/L
01012	Beryllium	G	N	EPA6020	02-25-00 1153	<0.00028	mg/L	0.0002 mg/L
01027	Cadmium	G	N	EPA6020	02-25-00 1153	0.000264	mg/L	0.00028 mg/L
01037	Cobalt	G	N	EPA6020	02-25-00 1153	0.00159	mg/L	0.00002 mg/L
01034	Chromium	G	N	EPA6020	02-25-00 1153	0.0177	mg/L	0.00002 mg/L
01042	Copper	G	N	EPA6020	02-25-00 1153	0.00889	mg/L	0.00005 mg/L
01067	Nickel	G	N	EPA6020	02-25-00 1153	0.00822	mg/L	0.00005 mg/L
01051	Lead	G	N	EPA6020	02-25-00 1153	0.00371	mg/L	0.0004 mg/L
01097	Antimony	G	N	EPA6020	02-25-00 1153	<0.00022	mg/L	0.0001 mg/L
01147	Selenium	G	N	EPA6020	02-25-00 1153	0.0114	mg/L	0.00022 mg/L
01059	Thallium	G	N	EPA6020	02-25-00 1153	0.00125	mg/L	0.00022 mg/L
01087	Vanadium	G	N	EPA6020	02-25-00 1153	0.0164	mg/L	0.00001 mg/L
01092	Zinc	G	N	EPA6020	02-25-00 1153	0.0111	mg/L	0.00002 mg/L
	Dilution Factor			EPA5030	03-03-00	1		
081552	Acetone	G	N	EPA8260	03-03-00	<4.46154	ug/L	1.403 ug/L
034215	Acrylonitrile	G	N	EPA8260	03-03-00	<7.76874	ug/L	2.443 ug/L
034030	Benzene	G	N	EPA8260	03-03-00	<0.80136	ug/L	0.252 ug/L
081555	Bromobenzene	G	N	EPA8260	03-03-00	<0.54378	ug/L	0.171 ug/L
077297	Bromochloromethane	G	N	EPA8260	03-03-00	<0.50244	ug/L	0.158 ug/L
032101	Bromodichloromethane	G	N	EPA8260	03-03-00	<1.40238	ug/L	0.441 ug/L
032104	Bromoform	G	N	EPA8260	03-03-00	<0.51834	ug/L	0.163 ug/L
034413	Bromomethane	G	N	EPA8260	03-03-00	<1.60272	ug/L	0.504 ug/L

FLOWERS CHEMICAL LABORATORIES, INC.

P.O. Box 150-597, Altamonte Springs, FL 32715-0597

(407) 339-5984

Facility GMS#: _____

Sample Date: 02-24-00Sample Time: 1230

Test Site ID#: _____

Report Period: _____

Well Name: West Pasco Class III Landfill 4 MW-14D

Well Purged (Y/N): _____

FCL Sample ID: 7232Well Type ☐ BackgroundClassification of Groundwater: G-II☐ Intermediate☐ Compliance

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

☐ Other

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Results/Units		Detection Limits/Units	
077342	n-butylbenzene	G	N	EPA8260	03-03-00	<1.28472	ug/L	0.404	ug/L
077350	sec-butylbenzene	G	N	EPA8260	03-03-00	<1.21158	ug/L	0.381	ug/L
077353	tert-butylbenzene	G	N	EPA8260	03-03-00	<0.99534	ug/L	0.313	ug/L
077041	Carbon disulfide	G	N	EPA8260	03-03-00	<2.28324	ug/L	0.718	ug/L
032102	Carbon tetrachloride	G	N	EPA8260	03-03-00	<1.2402	ug/L	0.39	ug/L
034301	Chlorobenzene	G	N	EPA8260	03-03-00	<0.449	ug/L	0.449	ug/L
034311	Chloroethane	G	N	EPA8260	03-03-00	<0.305	ug/L	0.305	ug/L
032105	Chloroform	G	N	EPA8260	03-03-00	<0.251	ug/L	0.251	ug/L
034418	Chloromethane	G	N	EPA8260	03-03-00	<0.537	ug/L	0.537	ug/L
077725	2-chlorotoluene	G	N	EPA8260	03-03-00	<1.38012	ug/L	0.434	ug/L
077277	4-chlorotoluene	G	N	EPA8260	03-03-00	<1.0653	ug/L	0.335	ug/L
081521	Dibromochloromethane	G	N	EPA8260	03-03-00	<0.9063	ug/L	0.285	ug/L
082625	1,2-dibromo-3-chloropropane	G	N	EPA8260	03-03-00	<0.9063	ug/L	0.285	ug/L
077651	1,2-dibromoethane	G	N	EPA8260	03-03-00	<1.15752	ug/L	0.364	ug/L
081522	Dibromomethane	G	N	EPA8260	03-03-00	<1.27836	ug/L	0.402	ug/L
034536	o-dichlorobenzene	G	N	EPA8260	03-03-00	<0.67416	ug/L	0.212	ug/L
034566	m-dichlorobenzene	G	N	EPA8260	03-03-00	<0.79182	ug/L	0.249	ug/L
034571	Para-dichlorobenzene	G	N	EPA8260	03-03-00	<1.1925	ug/L	0.375	ug/L
034668	Dichlorodifluoromethane	G	N	EPA8260	03-03-00	<0.71868	ug/L	0.226	ug/L
073547	1,1,4-dichloro-2-butene	G	N	EPA8260	03-03-00	<1.02078	ug/L	0.321	ug/L
034496	1,1-dichloroethane	G	N	EPA8260	03-03-00	<1.7172	ug/L	0.54	ug/L
034531	1,2-dichloroethane	G	N	EPA8260	03-03-00	<0.64236	ug/L	0.202	ug/L
034501	1,1-dichloroethene	G	N	EPA8260	03-03-00	<1.7013	ug/L	0.535	ug/L
077093	cis-1,2-dichloroethene	G	N	EPA8260	03-03-00	<0.97626	ug/L	0.307	ug/L
034546	trans-1,2-dichloroethene	G	N	EPA8260	03-03-00	<1.71084	ug/L	0.538	ug/L

FLOWERS CHEMICAL LABORATORIES, INC.

P.O. Box 150-597, Altamonte Springs, FL 32715-0597

(407) 339-5984

Facility GMS#: _____

Sample Date: 02-24-00

Sample Time: 1230

Test Site ID#: _____

Report Period: _____

Well Name: West Pasco Class III Landfill 4 MW-14D

Well Purged (Y/N): _____

FCL Sample ID: 7232

Well Type ☐ Background

Classification of Groundwater: G-II

☐ Intermediate☐ Compliance

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

☐ Other

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Results/Units		Detection Limits/Units	
034531	1,2-dichloroethene	G	N	EPA8260	03-03-00	<2.36274	ug/L	0.743	ug/L
034541	1,2-dichloropropane	G	N	EPA8260	03-03-00	<1.38012	ug/L	0.434	ug/L
034561	1,3-dichloropropane	G	N	EPA8260	03-03-00	<1.03668	ug/L	0.326	ug/L
077170	2,2-dichloropropane	G	N	EPA8260	03-03-00	<2.22918	ug/L	0.701	ug/L
077168	1,1-dichloropropene	G	N	EPA8260	03-03-00	<0.69324	ug/L	0.218	ug/L
034704	cis-1,3-dichloropropene	G	N	EPA8260	03-03-00	<1.37694	ug/L	0.433	ug/L
034699	trans-1,3-dichloropropene	G	N	EPA8260	03-03-00	<1.72992	ug/L	0.544	ug/L
034371	Ethylbenzene	G	N	EPA8260	03-03-00	<1.43736	ug/L	0.452	ug/L
039702	Hexachlorobutadiene	G	N	EPA8260	03-03-00	<1.23384	ug/L	0.388	ug/L
077103	2-Hexanone	G	N	EPA8260	03-03-00	<1.10346	ug/L	0.347	ug/L
034396	Hexachloroethane	G	N	EPA8260	03-03-00	<1	ug/L	1	ug/L
077223	Isopropylbenzene	G	N	EPA8260	03-03-00	<0.309	ug/L	0.309	ug/L
077356	4-isopropyltoluene	G	N	EPA8260	03-03-00	<0.303	ug/L	0.303	ug/L
034423	Methylene chloride	G	N	EPA8260	03-03-00	1.5	ug/L	0.241	ug/L
078032	Methyl-tert-butylether	G	N	EPA8260	03-03-00	<0.563	ug/L	0.563	ug/L
081595	2-butanone	G	N	EPA8260	03-03-00	<0.884	ug/L	0.884	ug/L
077424	Methyl iodide	G	N	EPA8260	03-03-00	<0.411	ug/L	0.411	ug/L
081596	4-methyl-2-pentanone	G	N	EPA8260	03-03-00	<0.938	ug/L	0.938	ug/L
034696	Naphthalene	G	N	EPA8260	03-03-00	<0.718	ug/L	0.718	ug/L
077224	Propylbenzene	G	N	EPA8260	03-03-00	<0.317	ug/L	0.317	ug/L
077128	Styrene	G	N	EPA8260	03-03-00	<0.382	ug/L	0.382	ug/L
077562	1,1,1,2-tetrachloroethane	G	N	EPA8260	03-03-00	<0.405	ug/L	0.405	ug/L
034516	1,1,2,2-tetrachloroethane	G	N	EPA8260	03-03-00	<0.499	ug/L	0.499	ug/L
034475	Tetrachloroethene	G	N	EPA8260	03-03-00	<0.458	ug/L	0.458	ug/L
034010	Toluene	G	N	EPA8260	03-03-00	<0.457	ug/L	0.457	ug/L

FLOWERS CHEMICAL LABORATORIES, INC.

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

Facility GMS#: _____

Sample Date: 02-24-00

Test Site ID#: _____

Sample Time: 1230

Report Period: _____

Well Name: West Pasco Class III Landfill 4 MW-14D

Well Purged (Y/N): _____

FCL Sample ID: 7232Classification of Groundwater: G-IIWell Type ☐ Background☐ Intermediate☐ Compliance

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

☐ Other

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Results/Units		Detection Limits/Units	
077613	1,2,3-trichlorobenzene	G	N	EPA8260	03-03-00	<0.531	ug/L	0.531	ug/L
034551	1,2,4-trichlorobenzene	G	N	EPA8260	03-03-00	<0.514	ug/L	0.514	ug/L
034506	1,1,1-trichloroethane	G	N	EPA8260	03-03-00	<0.181	ug/L	0.181	ug/L
034511	1,1,2-trichloroethane	G	N	EPA8260	03-03-00	<0.443	ug/L	0.443	ug/L
039180	Trichloroethene	G	N	EPA8260	03-03-00	<0.537	ug/L	0.537	ug/L
034488	Trichlorofluoromethane	G	N	EPA8260	03-03-00	<0.421	ug/L	0.421	ug/L
077443	1,2,3-trichloropropane	G	N	EPA8260	03-03-00	<0.519	ug/L	0.519	ug/L
077222	1,2,4-trimethylbenzene	G	N	EPA8260	03-03-00	<0.255	ug/L	0.255	ug/L
077226	1,3,5-trimethylbenzene	G	N	EPA8260	03-03-00	<0.295	ug/L	0.295	ug/L
077057	Vinyl acetate	G	N	EPA8260	03-03-00	<1.36	ug/L	1.36	ug/L
039175	Vinyl chloride	G	N	EPA8260	03-03-00	<0.459	ug/L	0.459	ug/L
081551	Xylene	G	N	EPA8260	03-03-00	<0.805	ug/L	0.805	ug/L

PART III ANALYTICAL RESULTS

Facility GMS #: 4051C00030 Sampling Date/Time: 02/24/00 @ 1300

Test Site ID #: _____ Report Period: 2000 / Semester I
(year/quarter)

Well Name: 4MW-15D Well Purged (Y/N): YES

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

Groundwater Elevation (NGVD): _____ *W 2573*
or (MSL): 27.23

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	*Analysis Results/Units	Detection Limits/Units
000929	Sodium	Wel Wiz. Ded. Mon. System	No	SM 3111B	02/25/00 0930	30.5 mg/L	0.01 mg/L
001045	Iron	"	"	SM 3111B	02/25/00 1015	0.02 mg/L	0.02 mg/L
071900	Mercury	"	"	SM 3112B	02/29/00 1045	<0.0002 mg/L	0.0002 mg/L
000400	pH-Field	"	"	SM 4500H+B	02/24/00 1300	7.29 Std. Units	0.01 Std. Units
000010	Temperature (Field)	"	"	SM 2550B	02/24/00 1300	24.30 °C	0 °C
000095	Specific Cond. (Field)	"	"	SM 2510B	02/24/00 1300	634 µmhos/cm	0.0 µmhos/cm
000344	D.O. (Field)	"	"	SM 45000G	02/24/00 1300	1.30 mg/L	0.0 mg/L
082079	Turbidity	"	"	SM 2130B	02/24/00 1300	0.0 NTU	0.01 NTU
000940	Chloride	"	"	SM 4500Cl-B	02/28/00 1400	110 mg/L	0.15 mg/L
070300	Total Dis. Solids	"	"	SM 2540C	02/25/00 0800	594 mg/L	1 mg/L
000610	Ammonia	"	"	SM 4500NH ₃ H	03/03/00 1500	<0.03 mg/L	0.03 mg/L
000620	Nitrate	"	"	SM 4500NO ₃ F	03/01/00 1400	0.50 mg/L	0.11 mg/L
072020	Water Level (MSL)	"	"		02/24/00 1300	27.23 Feet	Feet
900216	Color	"	"	SM 2120B	02/25/00 1500	10 PCU	0.0 PCU

*Attach Laboratory Reports

FLOWERS CHEMICAL LABORATORIES, INC.

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

Facility GMS#: _____

Sample Date: 02-24-00

Test Site ID#: _____

Sample Time: 1300

Report Period: _____

Well Name: West Pasco Class III Landfill 4 MW-15D

Well Purged (Y/N): _____

FCL Sample ID: 7233Classification of Groundwater: G-IIWell Type ☐ Background☐ Intermediate☐ Compliance

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

☐ Other

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Results/Units		Detection Limits/Units	
01077	Silver	G	N	EPA6020	02-25-00 1153	<0.00005	mg/L	0.00005	mg/L
01002	Arsenic	G	N	EPA6020	02-25-00 1153	0.000867	mg/L	0.00005	mg/L
01007	Barium	G	N	EPA6020	02-25-00 1153	0.0202	mg/L	0.00002	mg/L
01012	Beryllium	G	N	EPA6020	02-25-00 1153	<0.00028	mg/L	0.0002	mg/L
01027	Cadmium	G	N	EPA6020	02-25-00 1153	<0.00002	mg/L	0.00028	mg/L
01037	Cobalt	G	N	EPA6020	02-25-00 1153	0.000169	mg/L	0.00002	mg/L
01034	Chromium	G	N	EPA6020	02-25-00 1153	<0.00005	mg/L	0.00002	mg/L
01042	Copper	G	N	EPA6020	02-25-00 1153	0.00315	mg/L	0.00005	mg/L
01067	Nickel	G	N	EPA6020	02-25-00 1153	0.00267	mg/L	0.00005	mg/L
01051	Lead	G	N	EPA6020	02-25-00 1153	0.000353	mg/L	0.0004	mg/L
01097	Antimony	G	N	EPA6020	02-25-00 1153	<0.00022	mg/L	0.0001	mg/L
01147	Selenium	G	N	EPA6020	02-25-00 1153	0.0101	mg/L	0.00022	mg/L
01059	Thallium	G	N	EPA6020	02-25-00 1153	0.00142	mg/L	0.00022	mg/L
01087	Vanadium	G	N	EPA6020	02-25-00 1153	0.00135	mg/L	0.00001	mg/L
01092	Zinc	G	N	EPA6020	02-25-00 1153	0.00113	mg/L	0.00002	mg/L
	Dilution Factor			EPA5030	03-03-00	1			
081552	Acetone	G	N	EPA8260	03-03-00	<4.46154	ug/L	1.403	ug/L
034215	Acrylonitrile	G	N	EPA8260	03-03-00	<7.76874	ug/L	2.443	ug/L
034030	Benzene	G	N	EPA8260	03-03-00	<0.80136	ug/L	0.252	ug/L
081555	Bromobenzene	G	N	EPA8260	03-03-00	<0.54378	ug/L	0.171	ug/L
077297	Bromochloromethane	G	N	EPA8260	03-03-00	<0.50244	ug/L	0.158	ug/L
032101	Bromodichloromethane	G	N	EPA8260	03-03-00	<1.40238	ug/L	0.441	ug/L
032104	Bromoform	G	N	EPA8260	03-03-00	<0.51834	ug/L	0.163	ug/L
034413	Bromomethane	G	N	EPA8260	03-03-00	<1.60272	ug/L	0.504	ug/L

FLOWERS CHEMICAL LABORATORIES, INC.

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(407) 339-5984

Facility GMS#: _____

Sample Date: 02-24-00

Sample Time: 1300

Test Site ID#: _____

Report Period: _____

Well Name: West Pasco Class III Landfill 4 MW-15D

Well Purged (Y/N): _____

FCL Sample ID: 7233

Well Type ☐ Background

Classification of Groundwater: G-II

☐ Intermediate☐ Compliance

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

☐ Other

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Results/Units		Detection Limits/Units	
077342	n-butylbenzene	G	N	EPA8260	03-03-00	<1.28472	ug/L	0.404	ug/L
077350	sec-butylbenzene	G	N	EPA8260	03-03-00	<1.21158	ug/L	0.381	ug/L
077353	tert-butylbenzene	G	N	EPA8260	03-03-00	<0.99534	ug/L	0.313	ug/L
077041	Carbon disulfide	G	N	EPA8260	03-03-00	<2.28324	ug/L	0.718	ug/L
032102	Carbon tetrachloride	G	N	EPA8260	03-03-00	<1.2402	ug/L	0.39	ug/L
034301	Chlorobenzene	G	N	EPA8260	03-03-00	<0.449	ug/L	0.449	ug/L
034311	Chloroethane	G	N	EPA8260	03-03-00	<0.305	ug/L	0.305	ug/L
032105	Chloroform	G	N	EPA8260	03-03-00	<0.251	ug/L	0.251	ug/L
034418	Chloromethane	G	N	EPA8260	03-03-00	<0.537	ug/L	0.537	ug/L
077725	2-chlorotoluene	G	N	EPA8260	03-03-00	<1.38012	ug/L	0.434	ug/L
077277	4-chlorotoluene	G	N	EPA8260	03-03-00	<1.0653	ug/L	0.335	ug/L
081521	Dibromochloromethane	G	N	EPA8260	03-03-00	<0.9063	ug/L	0.285	ug/L
082625	1,2-dibromo-3-chloropropane	G	N	EPA8260	03-03-00	<0.9063	ug/L	0.285	ug/L
077651	1,2-dibromoethane	G	N	EPA8260	03-03-00	<1.15752	ug/L	0.364	ug/L
081522	Dibromomethane	G	N	EPA8260	03-03-00	<1.27836	ug/L	0.402	ug/L
034536	o-dichlorobenzene	G	N	EPA8260	03-03-00	<0.67416	ug/L	0.212	ug/L
034566	m-dichlorobenzene	G	N	EPA8260	03-03-00	<0.79182	ug/L	0.249	ug/L
034571	Para-dichlorobenzene	G	N	EPA8260	03-03-00	<1.1925	ug/L	0.375	ug/L
034668	Dichlorodifluoromethane	G	N	EPA8260	03-03-00	<0.71868	ug/L	0.226	ug/L
073547	t-1,4-dichloro-2-butene	G	N	EPA8260	03-03-00	<1.02078	ug/L	0.321	ug/L
034496	1,1-dichloroethane	G	N	EPA8260	03-03-00	<1.7172	ug/L	0.54	ug/L
034531	1,2-dichloroethane	G	N	EPA8260	03-03-00	<0.64236	ug/L	0.202	ug/L
034501	1,1-dichloroethene	G	N	EPA8260	03-03-00	<1.7013	ug/L	0.535	ug/L
077093	cis-1,2-dichloroethene	G	N	EPA8260	03-03-00	<0.97626	ug/L	0.307	ug/L
034546	t-1,2-dichloroethene	G	N	EPA8260	03-03-00	<1.71084	ug/L	0.538	ug/L

FLOWERS CHEMICAL LABORATORIES, INC.

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(407) 339-5984

Facility GMS#: _____

Sample Date: 02-24-00

Sample Time: 1300

Test Site ID#: _____

Report Period: _____

Well Name: West Pasco Class III Landfill 4 MW-15D

Well Purged (Y/N): _____

FCL Sample ID: 7233

Well Type ☐ Background

Classification of Groundwater: G-II

☐ Intermediate

☐ Compliance

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

☐ Other

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Results/Units		Detection Limits/Units	
034531	1,2-dichloroethene	G	N	EPA8260	03-03-00	<2.36274	ug/L	0.743	ug/L
034541	1,2-dichloropropane	G	N	EPA8260	03-03-00	<1.38012	ug/L	0.434	ug/L
034561	1,3-dichloropropane	G	N	EPA8260	03-03-00	<1.03668	ug/L	0.326	ug/L
077170	2,2-dichloropropane	G	N	EPA8260	03-03-00	<2.22918	ug/L	0.701	ug/L
077168	1,1-dichloropropene	G	N	EPA8260	03-03-00	<0.69324	ug/L	0.218	ug/L
034704	cis-1,3-dichloropropene	G	N	EPA8260	03-03-00	<1.37694	ug/L	0.433	ug/L
034699	trans-1,3-dichloropropene	G	N	EPA8260	03-03-00	<1.72992	ug/L	0.544	ug/L
034371	Ethylbenzene	G	N	EPA8260	03-03-00	<1.43736	ug/L	0.452	ug/L
039702	Hexachlorobutadiene	G	N	EPA8260	03-03-00	<1.23384	ug/L	0.388	ug/L
077103	2-Hexanone	G	N	EPA8260	03-03-00	<1.10346	ug/L	0.347	ug/L
034396	Hexachloroethane	G	N	EPA8260	03-03-00	<1	ug/L	1	ug/L
077223	Isopropylbenzene	G	N	EPA8260	03-03-00	<0.309	ug/L	0.309	ug/L
077356	4-isopropyltoluene	G	N	EPA8260	03-03-00	<0.303	ug/L	0.303	ug/L
034423	Methylene chloride	G	N	EPA8260	03-03-00	<0.241	ug/L	0.241	ug/L
078032	Methyl-tert-butylether	G	N	EPA8260	03-03-00	<0.563	ug/L	0.563	ug/L
081595	2-butanone	G	N	EPA8260	03-03-00	<0.884	ug/L	0.884	ug/L
077424	Methyl iodide	G	N	EPA8260	03-03-00	<0.411	ug/L	0.411	ug/L
081596	4-methyl-2-pentanone	G	N	EPA8260	03-03-00	<0.938	ug/L	0.938	ug/L
034696	Naphthalene	G	N	EPA8260	03-03-00	<0.718	ug/L	0.718	ug/L
077224	Propylbenzene	G	N	EPA8260	03-03-00	<0.317	ug/L	0.317	ug/L
077128	Styrene	G	N	EPA8260	03-03-00	<0.382	ug/L	0.382	ug/L
077562	1,1,1,2-tetrachloroethane	G	N	EPA8260	03-03-00	<0.405	ug/L	0.405	ug/L
034516	1,1,2,2-tetrachloroethane	G	N	EPA8260	03-03-00	<0.499	ug/L	0.499	ug/L
034475	Tetrachloroethene	G	N	EPA8260	03-03-00	<0.458	ug/L	0.458	ug/L
034010	Toluene	G	N	EPA8260	03-03-00	<0.457	ug/L	0.457	ug/L

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(407) 339-5984

Facility GMS#: _____

Sample Date: 02-24-00

Sample Time: 1300

Test Site ID#: _____

Report Period: _____

Well Name: West Pasco Class III Landfill 4 MW-15D

Well Purged (Y/N): _____

FCL Sample ID: 7233

Well Type ☐ Background

Classification of Groundwater: G-II

☐ Intermediate

☐ Compliance

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

☐ Other

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Results/Units		Detection Limits/Units	
077613	1,2,3-trichlorobenzene	G	N	EPA8260	03-03-00	<0.531	ug/L	0.531	ug/L
034551	1,2,4-trichlorobenzene	G	N	EPA8260	03-03-00	<0.514	ug/L	0.514	ug/L
034506	1,1,1-trichloroethane	G	N	EPA8260	03-03-00	<0.181	ug/L	0.181	ug/L
034511	1,1,2-trichloroethane	G	N	EPA8260	03-03-00	<0.443	ug/L	0.443	ug/L
039180	Trichloroethene	G	N	EPA8260	03-03-00	<0.537	ug/L	0.537	ug/L
034488	Trichlorofluoromethane	G	N	EPA8260	03-03-00	<0.421	ug/L	0.421	ug/L
077443	1,2,3-trichloropropane	G	N	EPA8260	03-03-00	<0.519	ug/L	0.519	ug/L
077222	1,2,4-trimethylbenzene	G	N	EPA8260	03-03-00	<0.255	ug/L	0.255	ug/L
077226	1,3,5-trimethylbenzene	G	N	EPA8260	03-03-00	<0.295	ug/L	0.295	ug/L
077057	Vinyl acetate	G	N	EPA8260	03-03-00	<1.36	ug/L	1.36	ug/L
039175	Vinyl chloride	G	N	EPA8260	03-03-00	<0.459	ug/L	0.459	ug/L
081551	Xylene	G	N	EPA8260	03-03-00	<0.805	ug/L	0.805	ug/L

PART III ANALYTICAL RESULTS

Facility GMS #: 4051C00030 Sampling Date/Time: 02/24/00 @ 1420

Test Site ID #: _____ Report Period: 2000 / Semester I
(year/quarter)

Well Name: 4MW-16D Well Purged (Y/N): YES

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

Groundwater Elevation (NGVD): _____ *W 2514*
or (MSL): 27.72

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	*Analysis Results/Units	Detection Limits/Units
000929	Sodium	Wel Wiz. Ded. Mon. System	No	SM 3111B	02/25/00 0930	3.61 mg/L	0.01 mg/L
001045	Iron	"	"	SM 3111B	02/25/00 1015	0.25 mg/L	0.02 mg/L
071900	Mercury	"	"	SM 3112B	02/29/00 1045	0.0003 mg/L	0.0002 mg/L
000400	pH-Field	"	"	SM 4500H+B	02/24/00 1420	7.48 Std. Units	0.01 Std. Units
000010	Temperature (Field)	"	"	SM 2550B	02/24/00 1420	23.80 °C	0 °C
000095	Specific Cond. (Field)	"	"	SM 2510B	02/24/00 1420	241 µmhos/cm	0.0 µmhos/cm
000344	D.O. (Field)	"	"	SM 45000G	02/24/00 1420	1.60 mg/L	0.0 mg/L
082079	Turbidity	"	"	SM 2130B	02/24/00 1420	28.0 NTU	0.01 NTU
000940	Chloride	"	"	SM 4500Cl-B	02/28/00 1400	19.8 mg/L	0.15 mg/L
070300	Total Dis. Solids	"	"	SM 2540C	02/25/00 0800	162 mg/L	1 mg/L
000610	Ammonia	"	"	SM 4500NH ₃ H	03/03/00 1500	<0.03 mg/L	0.03 mg/L
000620	Nitrate	"	"	SM 4500NO ₃ F	03/01/00 1400	0.74 mg/L	0.11 mg/L
072020	Water Level (MSL)	"	"		02/24/00 1420	27.72 Feet	Feet
900216	Color	"	"	SM 2120B	02/25/00 1500	90 PCU	0.0 PCU

*Attach Laboratory Reports

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(407) 339-5984

Facility GMS#: _____

Sample Date: 02-24-00

Test Site ID#: _____

Sample Time: 1420

Report Period: _____

Well Name: West Pasco Class III Landfill 4 MW-16D

Well Purged (Y/N): _____

FCL Sample ID: 7234

Classification of Groundwater: G-II

Well Type ☐ Background☐ Intermediate☐ Compliance

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

☐ Other

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Results/Units		Detection Limits/Units	
01077	Silver	G	N	EPA6020	02-25-00 1153	<0.00005	mg/L	0.00005	mg/L
01002	Arsenic	G	N	EPA6020	02-25-00 1153	0.000733	mg/L	0.00005	mg/L
01007	Barium	G	N	EPA6020	02-25-00 1153	0.0130	mg/L	0.00002	mg/L
01012	Beryllium	G	N	EPA6020	02-25-00 1153	<0.00028	mg/L	0.0002	mg/L
01027	Cadmium	G	N	EPA6020	02-25-00 1153	0.0000694	mg/L	0.00028	mg/L
01037	Cobalt	G	N	EPA6020	02-25-00 1153	0.000594	mg/L	0.00002	mg/L
01034	Chromium	G	N	EPA6020	02-25-00 1153	0.00384	mg/L	0.00002	mg/L
01042	Copper	G	N	EPA6020	02-25-00 1153	0.00728	mg/L	0.00005	mg/L
01067	Nickel	G	N	EPA6020	02-25-00 1153	0.00311	mg/L	0.00005	mg/L
01051	Lead	G	N	EPA6020	02-25-00 1153	0.00154	mg/L	0.0004	mg/L
01097	Antimony	G	N	EPA6020	02-25-00 1153	0.00124	mg/L	0.0001	mg/L
01147	Selenium	G	N	EPA6020	02-25-00 1153	0.00149	mg/L	0.00022	mg/L
01059	Thallium	G	N	EPA6020	02-25-00 1153	<0.00001	mg/L	0.00022	mg/L
01087	Vanadium	G	N	EPA6020	02-25-00 1153	0.00371	mg/L	0.00001	mg/L
01092	Zinc	G	N	EPA6020	02-25-00 1153	0.00922	mg/L	0.00002	mg/L
	Dilution Factor			EPA5030	03-03-00	1			
081552	Acetone	G	N	EPA8260	03-03-00	<4.46154	ug/L	1.403	ug/L
034215	Acrylonitrile	G	N	EPA8260	03-03-00	<7.76874	ug/L	2.443	ug/L
034030	Benzene	G	N	EPA8260	03-03-00	<0.80136	ug/L	0.252	ug/L
081555	Bromobenzene	G	N	EPA8260	03-03-00	<0.54378	ug/L	0.171	ug/L
077297	Bromochloromethane	G	N	EPA8260	03-03-00	<0.50244	ug/L	0.158	ug/L
032101	Bromodichloromethane	G	N	EPA8260	03-03-00	<1.40238	ug/L	0.441	ug/L
032104	Bromoform	G	N	EPA8260	03-03-00	<0.51834	ug/L	0.163	ug/L
034413	Bromomethane	G	N	EPA8260	03-03-00	<1.60272	ug/L	0.504	ug/L

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Facility GMS#: _____

Sample Date: 02-24-00

Test Site ID#: _____

Sample Time: 1420

Report Period: _____

Well Name: West Pasco Class III Landfill 4 MW-16D

Well Purged (Y/N): _____

FCL Sample ID: 7234Classification of Groundwater: G-IIWell Type ☐ Background☐ Intermediate☐ Compliance

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

☐ Other

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Results/Units		Detection Limits/Units	
077342	n-butylbenzene	G	N	EPA8260	03-03-00	<1.28472	ug/L	0.404	ug/L
077350	sec-butylbenzene	G	N	EPA8260	03-03-00	<1.21158	ug/L	0.381	ug/L
077353	tert-butylbenzene	G	N	EPA8260	03-03-00	<0.99534	ug/L	0.313	ug/L
077041	Carbon disulfide	G	N	EPA8260	03-03-00	<2.28324	ug/L	0.718	ug/L
032102	Carbon tetrachloride	G	N	EPA8260	03-03-00	<1.2402	ug/L	0.39	ug/L
034301	Chlorobenzene	G	N	EPA8260	03-03-00	<0.449	ug/L	0.449	ug/L
034311	Chloroethane	G	N	EPA8260	03-03-00	<0.305	ug/L	0.305	ug/L
032105	Chloroform	G	N	EPA8260	03-03-00	<0.251	ug/L	0.251	ug/L
034418	Chloromethane	G	N	EPA8260	03-03-00	<0.537	ug/L	0.537	ug/L
077725	2-chlorotoluene	G	N	EPA8260	03-03-00	<1.38012	ug/L	0.434	ug/L
077277	4-chlorotoluene	G	N	EPA8260	03-03-00	<1.0653	ug/L	0.335	ug/L
081521	Dibromochloromethane	G	N	EPA8260	03-03-00	<0.9063	ug/L	0.285	ug/L
082625	1,2-dibromo-3-chloropropane	G	N	EPA8260	03-03-00	<0.9063	ug/L	0.285	ug/L
077651	1,2-dibromoethane	G	N	EPA8260	03-03-00	<1.15752	ug/L	0.364	ug/L
081522	Dibromomethane	G	N	EPA8260	03-03-00	<1.27836	ug/L	0.402	ug/L
034536	o-dichlorobenzene	G	N	EPA8260	03-03-00	<0.67416	ug/L	0.212	ug/L
034566	m-dichlorobenzene	G	N	EPA8260	03-03-00	<0.79182	ug/L	0.249	ug/L
034571	Para-dichlorobenzene	G	N	EPA8260	03-03-00	<1.1925	ug/L	0.375	ug/L
034668	Dichlorodifluoromethane	G	N	EPA8260	03-03-00	<0.71868	ug/L	0.226	ug/L
073547	t-1,4-dichloro-2-butene	G	N	EPA8260	03-03-00	<1.02078	ug/L	0.321	ug/L
034496	1,1-dichloroethane	G	N	EPA8260	03-03-00	<1.7172	ug/L	0.54	ug/L
034531	1,2-dichloroethane	G	N	EPA8260	03-03-00	<0.64236	ug/L	0.202	ug/L
034501	1,1-dichloroethene	G	N	EPA8260	03-03-00	<1.7013	ug/L	0.535	ug/L
077093	cis-1,2-dichloroethene	G	N	EPA8260	03-03-00	<0.97626	ug/L	0.307	ug/L
034546	trans-1,2-dichloroethene	G	N	EPA8260	03-03-00	<1.71084	ug/L	0.538	ug/L

FLOWERS CHEMICAL LABORATORIES, INC.

P.O. Box 150-597, Altamonte Springs, FL 32715-0597

(407) 339-5984

Facility GMS#: _____

Sample Date: 02-24-00

Sample Time: 1420

Test Site ID#: _____

Report Period: _____

Well Name: West Pasco Class III Landfill 4 MW-16D

Well Purged (Y/N): _____

FCL Sample ID: 7234

Classification of Groundwater: G-II

Well Type ☐ Background☐ Intermediate☐ Compliance

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

☐ Other

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Results/Units		Detection Limits/Units	
034531	1,2-dichloroethene	G	N	EPA8260	03-03-00	<2.36274	ug/L	0.743	ug/L
034541	1,2-dichloropropane	G	N	EPA8260	03-03-00	<1.38012	ug/L	0.434	ug/L
034561	1,3-dichloropropane	G	N	EPA8260	03-03-00	<1.03668	ug/L	0.326	ug/L
077170	2,2-dichloropropane	G	N	EPA8260	03-03-00	<2.22918	ug/L	0.701	ug/L
077168	1,1-dichloropropene	G	N	EPA8260	03-03-00	<0.69324	ug/L	0.218	ug/L
034704	cis-1,3-dichloropropane	G	N	EPA8260	03-03-00	<1.37694	ug/L	0.433	ug/L
034699	trans-1,3-dichloropropane	G	N	EPA8260	03-03-00	<1.72992	ug/L	0.544	ug/L
034371	Ethylbenzene	G	N	EPA8260	03-03-00	<1.43736	ug/L	0.452	ug/L
039702	Hexachlorobutadiene	G	N	EPA8260	03-03-00	<1.23384	ug/L	0.388	ug/L
077103	2-Hexanone	G	N	EPA8260	03-03-00	<1.10346	ug/L	0.347	ug/L
034396	Hexachloroethane	G	N	EPA8260	03-03-00	<1	ug/L	1	ug/L
077223	Isopropylbenzene	G	N	EPA8260	03-03-00	<0.309	ug/L	0.309	ug/L
077356	4-isopropyltoluene	G	N	EPA8260	03-03-00	<0.303	ug/L	0.303	ug/L
034423	Methylene chloride	G	N	EPA8260	03-03-00	<0.241	ug/L	0.241	ug/L
078032	Methyl-tert-butylether	G	N	EPA8260	03-03-00	<0.563	ug/L	0.563	ug/L
081595	2-butanone	G	N	EPA8260	03-03-00	<0.884	ug/L	0.884	ug/L
077424	Methyl iodide	G	N	EPA8260	03-03-00	<0.411	ug/L	0.411	ug/L
081596	4-methyl-2-pentanone	G	N	EPA8260	03-03-00	<0.938	ug/L	0.938	ug/L
034696	Naphthalene	G	N	EPA8260	03-03-00	<0.718	ug/L	0.718	ug/L
077224	Propylbenzene	G	N	EPA8260	03-03-00	<0.317	ug/L	0.317	ug/L
077128	Styrene	G	N	EPA8260	03-03-00	<0.382	ug/L	0.382	ug/L
077562	1,1,1,2-tetrachloroethane	G	N	EPA8260	03-03-00	<0.405	ug/L	0.405	ug/L
034516	1,1,2,2-tetrachloroethane	G	N	EPA8260	03-03-00	<0.499	ug/L	0.499	ug/L
034475	Tetrachloroethene	G	N	EPA8260	03-03-00	<0.458	ug/L	0.458	ug/L
034010	Toluene	G	N	EPA8260	03-03-00	<0.457	ug/L	0.457	ug/L

FLOWERS CHEMICAL LABORATORIES, INC.

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

Facility GMS#: _____

Sample Date: 02-24-00

Test Site ID#: _____

Sample Time: 1420

Report Period: _____

Well Name: West Pasco Class III Landfill 4 MW-16D

Well Purged (Y/N): _____

FCL Sample ID: 7234

Well Type ☐ Background

Classification of Groundwater: G-II

☐ Intermediate

☐ Compliance

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

☐ Other

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Results/Units		Detection Limits/Units	
077613	1,2,3-trichlorobenzene	G	N	EPA8260	03-03-00	<0.531	ug/L	0.531	ug/L
034551	1,2,4-trichlorobenzene	G	N	EPA8260	03-03-00	<0.514	ug/L	0.514	ug/L
034506	1,1,1-trichloroethane	G	N	EPA8260	03-03-00	<0.181	ug/L	0.181	ug/L
034511	1,1,2-trichloroethane	G	N	EPA8260	03-03-00	<0.443	ug/L	0.443	ug/L
039180	Trichloroethene	G	N	EPA8260	03-03-00	<0.537	ug/L	0.537	ug/L
034488	Trichlorofluoromethane	G	N	EPA8260	03-03-00	<0.421	ug/L	0.421	ug/L
077443	1,2,3-trichloropropane	G	N	EPA8260	03-03-00	<0.519	ug/L	0.519	ug/L
077222	1,2,4-trimethylbenzene	G	N	EPA8260	03-03-00	<0.255	ug/L	0.255	ug/L
077226	1,3,5-trimethylbenzene	G	N	EPA8260	03-03-00	<0.295	ug/L	0.295	ug/L
077057	Vinyl acetate	G	N	EPA8260	03-03-00	<1.36	ug/L	1.36	ug/L
039175	Vinyl chloride	G	N	EPA8260	03-03-00	<0.459	ug/L	0.459	ug/L
081551	Xylene	G	N	EPA8260	03-03-00	<0.805	ug/L	0.805	ug/L

FLOWERS CHEMICAL LABORATORIES, INC.

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

Facility GMS#: _____

Sample Date: 02-24-00

Test Site ID#: _____

Sample Time: 900

Report Period: _____

Well Name: West Pasco Class III Landfill 4 EQ BLANK

Well Purged (Y/N): _____

FCL Sample ID: 7235

Well Type ☐ Background

Classification of Groundwater: G-II

☐ Intermediate

☐ Compliance

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

☐ Other

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Results/Units		Detection Limits/Units	
01077	Silver	G	N	EPA6020	02-25-00 1153	<0.00005	mg/L	0.00005	mg/L
01002	Arsenic	G	N	EPA6020	02-25-00 1153	<0.00002	mg/L	0.00005	mg/L
01007	Barium	G	N	EPA6020	02-25-00 1153	<0.0002	mg/L	0.00002	mg/L
01012	Beryllium	G	N	EPA6020	02-25-00 1153	<0.00028	mg/L	0.0002	mg/L
01027	Cadmium	G	N	EPA6020	02-25-00 1153	<0.00002	mg/L	0.00028	mg/L
01037	Cobalt	G	N	EPA6020	02-25-00 1153	0.0000356	mg/L	0.00002	mg/L
01034	Chromium	G	N	EPA6020	02-25-00 1153	<0.00005	mg/L	0.00002	mg/L
01042	Copper	G	N	EPA6020	02-25-00 1153	0.00321	mg/L	0.00005	mg/L
01067	Nickel	G	N	EPA6020	02-25-00 1153	<0.0004	mg/L	0.00005	mg/L
01051	Lead	G	N	EPA6020	02-25-00 1153	0.000166	mg/L	0.0004	mg/L
01097	Antimony	G	N	EPA6020	02-25-00 1153	<0.00022	mg/L	0.0001	mg/L
01147	Selenium	G	N	EPA6020	02-25-00 1153	0.000783	mg/L	0.00022	mg/L
01059	Thallium	G	N	EPA6020	02-25-00 1153	<0.00001	mg/L	0.00022	mg/L
01087	Vanadium	G	N	EPA6020	02-25-00 1153	0.000160	mg/L	0.00001	mg/L
01092	Zinc	G	N	EPA6020	02-25-00 1153	<0.00015	mg/L	0.00002	mg/L
	Dilution Factor			EPA5030	03-03-00	1			
081552	Acetone	G	N	EPA8260	03-03-00	<4.46154	ug/L	1.403	ug/L
034215	Acrylonitrile	G	N	EPA8260	03-03-00	<7.76874	ug/L	2.443	ug/L
034030	Benzene	G	N	EPA8260	03-03-00	0.91	ug/L	0.252	ug/L
081555	Bromobenzene	G	N	EPA8260	03-03-00	<0.54378	ug/L	0.171	ug/L
077297	Bromochloromethane	G	N	EPA8260	03-03-00	<0.50244	ug/L	0.158	ug/L
032101	Bromodichloromethane	G	N	EPA8260	03-03-00	<1.40238	ug/L	0.441	ug/L
032104	Bromoform	G	N	EPA8260	03-03-00	<0.51834	ug/L	0.163	ug/L
034413	Bromomethane	G	N	EPA8260	03-03-00	<1.60272	ug/L	0.504	ug/L

FLOWERS CHEMICAL LABORATORIES, INC.

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

Facility GMS#: _____

Sample Date: 02-24-00

Test Site ID#: _____

Sample Time: 900

Report Period: _____

Well Name: West Pasco Class III Landfill 4 EQ BLANK

Well Purged (Y/N): _____

FCL Sample ID: 7235Classification of Groundwater: G-IIWell Type ☐ Background☐ Intermediate☐ Compliance

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

☐ Other

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Results/Units		Detection Limits/Units	
077342	n-butylbenzene	G	N	EPA8260	03-03-00	<1.28472	ug/L	0.404	ug/L
077350	sec-butylbenzene	G	N	EPA8260	03-03-00	<1.21158	ug/L	0.381	ug/L
077353	tert-butylbenzene	G	N	EPA8260	03-03-00	<0.99534	ug/L	0.313	ug/L
077041	Carbon disulfide	G	N	EPA8260	03-03-00	<2.28324	ug/L	0.718	ug/L
032102	Carbon tetrachloride	G	N	EPA8260	03-03-00	<1.2402	ug/L	0.39	ug/L
034301	Chlorobenzene	G	N	EPA8260	03-03-00	<0.449	ug/L	0.449	ug/L
034311	Chloroethane	G	N	EPA8260	03-03-00	<0.305	ug/L	0.305	ug/L
032105	Chloroform	G	N	EPA8260	03-03-00	<0.251	ug/L	0.251	ug/L
034418	Chloromethane	G	N	EPA8260	03-03-00	<0.537	ug/L	0.537	ug/L
077725	2-chlorotoluene	G	N	EPA8260	03-03-00	<1.38012	ug/L	0.434	ug/L
077277	4-chlorotoluene	G	N	EPA8260	03-03-00	<1.0653	ug/L	0.335	ug/L
081521	Dibromochloromethane	G	N	EPA8260	03-03-00	<0.9063	ug/L	0.285	ug/L
082625	1,2-dibromo-3-chloropropane	G	N	EPA8260	03-03-00	<0.9063	ug/L	0.285	ug/L
077651	1,2-dibromoethane	G	N	EPA8260	03-03-00	<1.15752	ug/L	0.364	ug/L
081522	Dibromomethane	G	N	EPA8260	03-03-00	<1.27836	ug/L	0.402	ug/L
034536	o-dichlorobenzene	G	N	EPA8260	03-03-00	<0.67416	ug/L	0.212	ug/L
034566	m-dichlorobenzene	G	N	EPA8260	03-03-00	<0.79182	ug/L	0.249	ug/L
034571	Para-dichlorobenzene	G	N	EPA8260	03-03-00	<1.1925	ug/L	0.375	ug/L
034668	Dichlorodifluoromethane	G	N	EPA8260	03-03-00	<0.71868	ug/L	0.226	ug/L
073547	t-1,4-dichloro-2-butene	G	N	EPA8260	03-03-00	<1.02078	ug/L	0.321	ug/L
034496	1,1-dichloroethane	G	N	EPA8260	03-03-00	<1.7172	ug/L	0.54	ug/L
034531	1,2-dichloroethane	G	N	EPA8260	03-03-00	<0.64236	ug/L	0.202	ug/L
034501	1,1-dichloroethene	G	N	EPA8260	03-03-00	<1.7013	ug/L	0.535	ug/L
077093	cis-1,2-dichloroethene	G	N	EPA8260	03-03-00	<0.97626	ug/L	0.307	ug/L
034546	t-1,2-dichloroethene	G	N	EPA8260	03-03-00	<1.71084	ug/L	0.538	ug/L

FLOWERS CHEMICAL LABORATORIES, INC.

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

Facility GMS#: _____

Sample Date: 02-24-00

Test Site ID#: _____

Sample Time: 900

Report Period: _____

Well Name: West Pasco Class III Landfill 4 EQ BLANK

Well Purged (Y/N): _____

FCL Sample ID: 7235

Well Type ☐ Background

Classification of Groundwater: G-II

☐ Intermediate

☐ Compliance

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

☐ Other

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Results/Units		Detection Limits/Units	
034531	1,2-dichloroethene	G	N	EPA8260	03-03-00	<2.36274	ug/L	0.743	ug/L
034541	1,2-dichloropropane	G	N	EPA8260	03-03-00	<1.38012	ug/L	0.434	ug/L
034561	1,3-dichloropropane	G	N	EPA8260	03-03-00	<1.03668	ug/L	0.326	ug/L
077170	2,2-dichloropropane	G	N	EPA8260	03-03-00	<2.22918	ug/L	0.701	ug/L
077168	1,1-dichloropropene	G	N	EPA8260	03-03-00	<0.69324	ug/L	0.218	ug/L
034704	cis-1,3-dichloropropene	G	N	EPA8260	03-03-00	<1.37694	ug/L	0.433	ug/L
034699	trans-1,3-dichloropropene	G	N	EPA8260	03-03-00	<1.72992	ug/L	0.544	ug/L
034371	Ethylbenzene	G	N	EPA8260	03-03-00	<1.43736	ug/L	0.452	ug/L
039702	Hexachlorobutadiene	G	N	EPA8260	03-03-00	<1.23384	ug/L	0.388	ug/L
077103	2-Hexanone	G	N	EPA8260	03-03-00	<0.347	ug/L	0.347	ug/L
034396	Hexachloroethane	G	N	EPA8260	03-03-00	<1	ug/L	1	ug/L
077223	Isopropylbenzene	G	N	EPA8260	03-03-00	<0.309	ug/L	0.309	ug/L
077356	4-isopropyltoluene	G	N	EPA8260	03-03-00	<0.303	ug/L	0.303	ug/L
034423	Methylene chloride	G	N	EPA8260	03-03-00	<0.241	ug/L	0.241	ug/L
078032	Methyl-tert-butylether	G	N	EPA8260	03-03-00	<0.563	ug/L	0.563	ug/L
081595	2-butanone	G	N	EPA8260	03-03-00	<0.884	ug/L	0.884	ug/L
077424	Methyl iodide	G	N	EPA8260	03-03-00	<0.411	ug/L	0.411	ug/L
081596	4-methyl-2-pentanone	G	N	EPA8260	03-03-00	<0.938	ug/L	0.938	ug/L
034696	Naphthalene	G	N	EPA8260	03-03-00	<0.718	ug/L	0.718	ug/L
077224	Propylbenzene	G	N	EPA8260	03-03-00	<0.317	ug/L	0.317	ug/L
077128	Styrene	G	N	EPA8260	03-03-00	<0.382	ug/L	0.382	ug/L
077562	1,1,1,2-tetrachloroethane	G	N	EPA8260	03-03-00	<0.405	ug/L	0.405	ug/L
034516	1,1,2,2-tetrachloroethane	G	N	EPA8260	03-03-00	<0.499	ug/L	0.499	ug/L
034475	Tetrachloroethene	G	N	EPA8260	03-03-00	<0.458	ug/L	0.458	ug/L
034010	Toluene	G	N	EPA8260	03-03-00	5.56	ug/L	0.457	ug/L

FLOWERS CHEMICAL LABORATORIES, INC.

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

Facility GMS#: _____

Sample Date: 02-24-00

Test Site ID#: _____

Sample Time: 900

Report Period: _____

Well Name: West Pasco Class III Landfill 4 EQ BLANK

Well Purged (Y/N): _____

FCL Sample ID: 7235

Classification of Groundwater: G-II

Well Type ☐ Background

☐ Intermediate

☐ Compliance

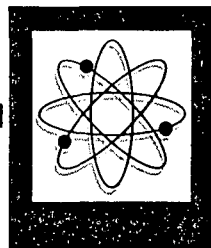
Ground Water Elevation (NGVD) or (MSL): _____

☐ Other

Storet Code	Parameter Monitored	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Date/Time	Analysis Results/Units		Detection Limits/Units	
077613	1,2,3-trichlorobenzene	G	N	EPA8260	03-03-00	<0.531	ug/L	0.531	ug/L
034551	1,2,4-trichlorobenzene	G	N	EPA8260	03-03-00	<0.514	ug/L	0.514	ug/L
034506	1,1,1-trichloroethane	G	N	EPA8260	03-03-00	<0.181	ug/L	0.181	ug/L
034511	1,1,2-trichloroethane	G	N	EPA8260	03-03-00	<0.443	ug/L	0.443	ug/L
039180	Trichloroethene	G	N	EPA8260	03-03-00	<0.537	ug/L	0.537	ug/L
034488	Trichlorofluoromethane	G	N	EPA8260	03-03-00	<0.421	ug/L	0.421	ug/L
077443	1,2,3-trichloropropane	G	N	EPA8260	03-03-00	<0.519	ug/L	0.519	ug/L
077222	1,2,4-trimethylbenzene	G	N	EPA8260	03-03-00	<0.255	ug/L	0.255	ug/L
077226	1,3,5-trimethylbenzene	G	N	EPA8260	03-03-00	<0.295	ug/L	0.295	ug/L
077057	Vinyl acetate	G	N	EPA8260	03-03-00	<1.36	ug/L	1.36	ug/L
039175	Vinyl chloride	G	N	EPA8260	03-03-00	<0.459	ug/L	0.459	ug/L
081551	Xylene	G	N	EPA8260	03-03-00	1.81	ug/L	0.805	ug/L

FLOWERS

**CHEMICAL
LABORATORIES**
INCORPORATED



Received From:
Pasco Co. Utilities Env. Lab
8864 Government Dr.
New Port Richey, FL 34654

RECEIVED

JUN - 8 2000

Per.....

Date Reported : Jun 5 2000
Project Number : 111887.00
PO Number :
FLDOH Number : 83139/E83018
NYSDOH Number : 11595
FDER COMQAPNum : 86-0008
CTDPH Number : 0173
NCDEHNR Number : 296
SCDHEC Number : 96019

For: VARIOUS
Date Received:

Feb25 2000

Lab Numbers: 7230-7235

REPORT OF ANALYSIS

Parameter	Unit	Reportable	%Rec	%RSD	7230 4MW11D	7231 4MW12D	7232 4MW14D	7233 4MW15D	7234 4MW16D
		Detection Limit							
Silver	mg/L	.00016	100.	.870	0.0374	<.0002	.00644	<.0002	<.0002
Arsenic	mg/L	.00006	106.	.620	.00077	.00082	.00189	.00087	.00073
Barium	mg/L	.00064	105.	.810	.00717	.00939	0.0308	0.0202	0.0130
Beryllium	mg/L	.00089	112.	.150	<.0009	<.0009	<.0009	<.0009	<.0009
Cadmium	mg/L	.00006	98.4	.220	<6e-05	<6e-05	.00026	<6e-05	.00007
Cobalt	mg/L	.00006	102.	1.19	.00020	.00018	.00159	.00017	.00059
Chromium	mg/L	.00016	104.	1.88	.00180	.00047	0.0177	<.0002	.00384
Copper	mg/L	.00016	99.9	.830	.00717	.00245	.00889	.00315	.00728
Nickel	mg/L	.00127	99.3	1.74	.00177	.00228	.00822	.00267	.00311
Lead	mg/L	.00032	101.	.640	.00054	<.0003	.00371	.00035	.00154
Antimony	mg/L	.00070	116.	.370	<.0007	<.0007	<.0007	<.0007	.00124
Selenium	mg/L	.00070	99.4	.880	<.0007	.00088	0.0114	0.0101	.00149
Thallium	mg/L	.00003	99.5	.350	<3e-05	<3e-05	.00125	.00142	<3e-05
Vanadium	mg/L	.00006	104.	.500	.00284	.00155	0.0164	.00135	.00371
Zinc	mg/L	.00048	96.5	1.22	<.0005	<.0005	0.0111	.00113	.00922
Dilution_Factor		-	-	-	1.00	1.00	1.00	1.00	1.00
Acetone	ug/L	4.46	92.3	5.85	<4.46	<4.46	<4.46	<4.46	<4.46
Acrylonitrile	ug/L	7.77			<7.77	<7.77	<7.77	<7.77	<7.77
Benzene	ug/L	0.801	97.1	.980	<0.801	<0.801	<0.801	<0.801	<0.801
Bromobenzene	ug/L	0.544	91.2	.730	<0.544	<0.544	<0.544	<0.544	<0.544
Bromochloromethane	ug/L	0.502	113.	.370	<0.502	<0.502	<0.502	<0.502	<0.502
Bromodichloromethane	ug/L	1.40	91.8	.000	<1.40	<1.40	<1.40	<1.40	<1.40
Bromoform	ug/L	0.518	86.7	1.14	<0.518	<0.518	<0.518	<0.518	<0.518
Bromomethane	ug/L	1.60			<1.60	<1.60	<1.60	<1.60	<1.60
n-butylbenzene	ug/L	1.28	75.4	.230	<1.28	<1.28	<1.28	<1.28	<1.28
sec-butylbenzene	ug/L	1.21	80.5	1.10	<1.21	<1.21	<1.21	<1.21	<1.21

Certificate of Results

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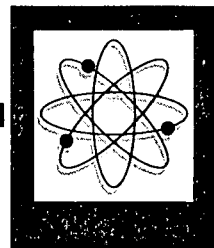
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Date Reported : Jun 5 2000
Project Number : 111887.00
PO Number :
FLDOH Number : 83139/E83018
NYSDOH Number : 11595
FDER COMQAPNum : 86-0008
CTDPH Number : 0173
NCDEHNR Number : 296
SCDHEC Number : 96019

For: VARIOUS
Date Received:

Feb25 2000

Lab Numbers: 7230-7235

REPORT OF ANALYSIS

Parameter	Unit	Reportable	%Rec	%RSD	7230 4MW11D	7231 4MW12D	7232 4MW14D	7233 4MW15D	7234 4MW16D
		Detection Limit							
tert-butylbenzene	ug/L	0.995	85.8	.490	<0.995	<0.995	<0.995	<0.995	<0.995
Carbon disulfide	ug/L	2.28	101.	12.6	<2.28	<2.28	<2.28	<2.28	<2.28
Carbon tetrachloride	ug/L	1.24	97.5	3.01	<1.24	<1.24	<1.24	<1.24	<1.24
Chlorobenzene	ug/L	0.449	101.	.800	<0.449	<0.449	<0.449	<0.449	<0.449
Chloroethane	ug/L	0.305	95.0	12.3	<0.305	<0.305	<0.305	<0.305	<0.305
Chloroform	ug/L	0.251	95.5	1.11	<0.251	<0.251	<0.251	<0.251	<0.251
Chloromethane	ug/L	0.537	93.5	5.67	<0.537	<0.537	<0.537	<0.537	<0.537
2-chlorotoluene	ug/L	1.38	83.1	.080	<1.38	<1.38	<1.38	<1.38	<1.38
4-chlorotoluene	ug/L	1.07	82.7	.040	<1.07	<1.07	<1.07	<1.07	<1.07
Dibromochloromethane	ug/L	0.906	106.	.460	<0.906	<0.906	<0.906	<0.906	<0.906
1,2-dibromo-3-chloro	ug/L	0.906	72.6	.970	<0.906	<0.906	<0.906	<0.906	<0.906
1,2-dibromoethane	ug/L	1.16	96.6	.110	<1.16	<1.16	<1.16	<1.16	<1.16
Dibromomethane	ug/L	1.28	98.3	.460	<1.28	<1.28	<1.28	<1.28	<1.28
o-dichlorobenzene	ug/L	0.674	92.2	.420	<0.674	<0.674	<0.674	<0.674	<0.674
m-dichlorobenzene	ug/L	0.792	91.7	.070	<0.792	<0.792	<0.792	<0.792	<0.792
Para-dichlorobenzene	ug/L	1.19	94.4	.630	<1.19	<1.19	<1.19	<1.19	<1.19
Dichlorodifluorometh	ug/L	0.719	84.4	3.65	<0.719	<0.719	<0.719	<0.719	<0.719
t-1,4-dichloro-2-but	ug/L	1.02			<1.02	<1.02	<1.02	<1.02	<1.02
1,1-dichloroethane	ug/L	1.72	98.3	.320	<1.72	<1.72	<1.72	<1.72	<1.72
1,2-dichloroethane	ug/L	0.642	94.5	.150	<0.642	<0.642	<0.642	<0.642	<0.642
1,1-dichloroethene	ug/L	1.70	101.	7.66	<1.70	<1.70	<1.70	<1.70	<1.70
cis-1,2-dichloroethe	ug/L	0.976	99.9	.380	<0.976	<0.976	<0.976	<0.976	<0.976
t-1,2-dichloroethene	ug/L	1.71	102.	.930	<1.71	<1.71	<1.71	<1.71	<1.71
1,2-dichloroethene	ug/L	2.36	101.	.660	<2.36	<2.36	<2.36	<2.36	<2.36
1,2-dichloropropane	ug/L	1.38	96.7	.360	<1.38	<1.38	<1.38	<1.38	<1.38
1,3-dichloropropane	ug/L	1.04	97.6	.250	<1.04	<1.04	<1.04	<1.04	<1.04

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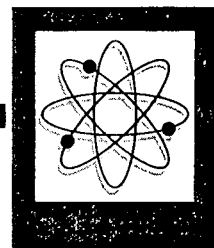
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FDER COMQAPNum : 86-0008
CTDPH Number : 0173
NCDEHNR Number : 296
SCDHEC Number : 96019

For: VARIOUS
Date Received:

Feb25 2000

Lab Numbers: 7230-7235

REPORT OF ANALYSIS

Parameter	Unit	Reportable	%Rec	%RSD	7230 4MW11D	7231 4MW12D	7232 4MW14D	7233 4MW15D	7234 4MW16D
		Detection Limit							
2,2-dichloropropane	ug/L	2.23	62.3	2.84	<2.23	<2.23	<2.23	<2.23	<2.23
1,1-dichloropropene	ug/L	0.693	93.4	1.25	<0.693	<0.693	<0.693	<0.693	<0.693
cis-1,3-dichloroprop	ug/L	1.38	86.9	1.14	<1.38	<1.38	<1.38	<1.38	<1.38
trans-1,3,-dichlorop	ug/L	1.73	86.9	1.14	<1.73	<1.73	<1.73	<1.73	<1.73
Ethylbenzene	ug/L	1.44	99.3	.990	<1.44	<1.44	<1.44	<1.44	<1.44
Hexachlorobutadiene	ug/L	1.23	64.6	1.81	<1.23	<1.23	<1.23	<1.23	<1.23
2-Hexanone	ug/L	1.10	86.5	.160	<1.10	<1.10	<1.10	<1.10	<1.10
Hexachloroethane	ug/L	3.18			<3.18	<3.18	<3.18	<3.18	<3.18
Isopropylbenzene	ug/L	0.983	82.4	.250	<0.983	<0.983	<0.983	<0.983	<0.983
4-isopropyltoluene	ug/L	0.964	79.9	.880	<0.964	<0.964	<0.964	<0.964	<0.964
Methylene chloride	ug/L	0.766	97.3	.270	<0.766	<0.766	1.50	<0.766	<0.766
Methyl-tert-butyleth	ug/L	1.79	86.8	.240	<1.79	<1.79	<1.79	<1.79	<1.79
2-butanone	ug/L	2.81	96.5	.360	<2.81	<2.81	<2.81	<2.81	<2.81
Methyl_iodide	ug/L	1.31	103.	8.86	<1.31	<1.31	<1.31	<1.31	<1.31
4-methyl-2-pentanone	ug/L	2.98	84.6	.460	<2.98	<2.98	<2.98	<2.98	<2.98
Naphthalene	ug/L	2.28	90.0	1.89	<2.28	<2.28	<2.28	<2.28	<2.28
propylbenzene	ug/L	1.01	83.5	.040	<1.01	<1.01	<1.01	<1.01	<1.01
Styrene	ug/L	1.21	99.3	.710	<1.21	<1.21	<1.21	<1.21	<1.21
1,1,1,2-tetrachloroe	ug/L	1.29	107.	.490	<1.29	<1.29	<1.29	<1.29	<1.29
1,1,2,2-tetrachloroe	ug/L	1.59	89.6	.110	<1.59	<1.59	<1.59	<1.59	<1.59
Tetrachloroethene	ug/L	1.46	104.	.440	<1.46	<1.46	<1.46	<1.46	<1.46
Toluene	ug/L	1.45	97.0	.910	<1.45	<1.45	<1.45	<1.45	<1.45
1,2,3-trichlorobenze	ug/L	1.69	88.4	1.00	<1.69	<1.69	<1.69	<1.69	<1.69
1,2,4-trichlorobenze	ug/L	1.63	86.8	1.06	<1.63	<1.63	<1.63	<1.63	<1.63
1,1,1-trichloroethan	ug/L	0.576	93.2	1.59	<0.576	<0.576	<0.576	<0.576	<0.576
1,1,2-trichloroethan	ug/L	1.41	101.	.450	<1.41	<1.41	<1.41	<1.41	<1.41

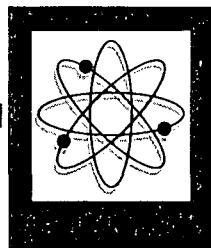
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Date Reported : Jun 5 2000
Project Number : 111887.00
PO Number :
FLDOH Number : 83139/E83018
NYSDOH Number : 11595
FDER COMQAPNum : 86-0008
CTDPH Number : 0173
NCDEHNR Number : 296
SCDHEC Number : 96019

For: VARIOUS
Date Received:

Feb25 2000

Lab Numbers: 7230-7235

REPORT OF ANALYSIS

Parameter	Unit	Reportable	%Rec	%RSD	7230 4MW11D	7231 4MW12D	7232 4MW14D	7233 4MW15D	7234 4MW16D
		Detection							
		Limit							
Trichloroethene	ug/L	1.71	102.	.380	<1.71	<1.71	<1.71	<1.71	<1.71
Trichlorofluorometha	ug/L	1.34	95.4	1.52	<1.34	<1.34	<1.34	<1.34	<1.34
1,2,3-trichloropropa	ug/L	1.65	125.	.450	<1.65	<1.65	<1.65	<1.65	<1.65
1,2,4-trimethylbenze	ug/L	0.811	81.9	.300	<0.811	<0.811	<0.811	<0.811	<0.811
1,3,5-trimethylbenze	ug/L	0.938	81.7	.510	<0.938	<0.938	<0.938	<0.938	<0.938
Vinyl acetate	ug/L	4.32			<4.32	<4.32	<4.32	<4.32	<4.32
Vinyl chloride	ug/L	1.46	90.9	.930	<1.46	<1.46	<1.46	<1.46	<1.46
Xylene	ug/L	2.56	102.	.620	<2.56	<2.56	<2.56	<2.56	<2.56
Surrogate_Spike1	ug/L	1.00	95.4	.810	30.0	31.2	31.2	31.7	31.7
Surrogate_Spike2	ug/L	1.00	97.9	.120	28.9	28.7	28.9	28.7	29.0
Surrogate_Spike3	ug/L	1.00	94.2	.770	25.0	24.5	24.4	24.2	23.9

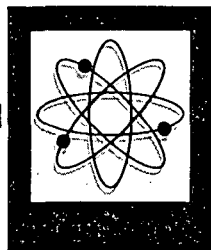
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SCDHEC Number : 96019

For: VARIOUS
Date Received:

Feb25 2000

Lab Numbers: 7230-7235

REPORT OF ANALYSIS

Parameter	Unit	Reportable Detection Limit	%Rec	%RSD	7235 EQBLK
Silver	mg/L	.00016	100.	.870	<.0002
Arsenic	mg/L	.00006	106.	.620	<6e-05
Barium	mg/L	.00064	105.	.810	<.0006
Beryllium	mg/L	.00089	112.	.150	<.0009
Cadmium	mg/L	.00006	98.4	.220	<6e-05
Cobalt	mg/L	.00006	102.	1.19	<6e-05
Chromium	mg/L	.00016	104.	1.88	<.0002
Copper	mg/L	.00016	99.9	.830	.00321
Nickel	mg/L	.00127	99.3	1.74	<.0013
Lead	mg/L	.00032	101.	.640	<.0003
Antimony	mg/L	.00070	116.	.370	<.0007
Selenium	mg/L	.00070	99.4	.880	.00078
Thallium	mg/L	.00003	99.5	.350	<3e-05
Vanadium	mg/L	.00006	104.	.500	.00016
Zinc	mg/L	.00048	96.5	1.22	<.0005
Dilution Factor		-	-	-	1.00
Acetone	ug/L	4.46	92.3	5.85	<4.46
Acrylonitrile	ug/L	7.77			<7.77
Benzene	ug/L	0.801	97.1	.980	0.910
Bromobenzene	ug/L	0.544	91.2	.730	<0.544
Bromochloromethane	ug/L	0.502	113.	.370	<0.502
Bromodichloromethane	ug/L	1.40	91.8	.000	<1.40
Bromoform	ug/L	0.518	86.7	1.14	<0.518
Bromomethane	ug/L	1.60			<1.60
n-butylbenzene	ug/L	1.28	75.4	.230	<1.28
sec-butylbenzene	ug/L	1.21	80.5	1.10	<1.21

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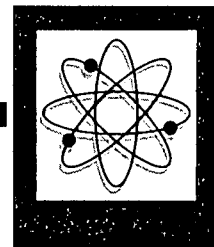
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For: VARIOUS
Date Received:

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Lab Numbers: 7230-7235

REPORT OF ANALYSIS

Parameter	Unit	Reportable Detection Limit	%Rec	%RSD	7235 EQBLK
tert-butylbenzene	ug/L	0.995	85.8	.490	<0.995
Carbon disulfide	ug/L	2.28	101.	12.6	<2.28
Carbon tetrachloride	ug/L	1.24	97.5	3.01	<1.24
Chlorobenzene	ug/L	0.449	101.	.800	<0.449
Chloroethane	ug/L	0.305	95.0	12.3	<0.305
Chloroform	ug/L	0.251	95.5	1.11	<0.251
Chloromethane	ug/L	0.537	93.5	5.67	<0.537
2-chlorotoluene	ug/L	1.38	83.1	.080	<1.38
4-chlorotoluene	ug/L	1.07	82.7	.040	<1.07
Dibromochloromethane	ug/L	0.906	106.	.460	<0.906
1,2-dibromo-3-chloro	ug/L	0.906	72.6	.970	<0.906
1,2-dibromoethane	ug/L	1.16	96.6	.110	<1.16
Dibromomethane	ug/L	1.28	98.3	.460	<1.28
o-dichlorobenzene	ug/L	0.674	92.2	.420	<0.674
m-dichlorobenzene	ug/L	0.792	91.7	.070	<0.792
Para-dichlorobenzene	ug/L	1.19	94.4	.630	<1.19
Dichlorodifluorometh	ug/L	0.719	84.4	3.65	<0.719
t-1,4-dichloro-2-but	ug/L	1.02			<1.02
1,1-dichloroethane	ug/L	1.72	98.3	.320	<1.72
1,2-dichloroethane	ug/L	0.642	94.5	.150	<0.642
1,1-dichloroethene	ug/L	1.70	101.	7.66	<1.70
cis-1,2-dichloroethe	ug/L	0.976	99.9	.380	<0.976
t-1,2-dichloroethene	ug/L	1.71	102.	.930	<1.71
1,2-dichloroethene	ug/L	2.36	101.	.660	<2.36
1,2-dichloropropane	ug/L	1.38	96.7	.360	<1.38
1,3-dichloropropane	ug/L	1.04	97.6	.250	<1.04

Certificate of Results

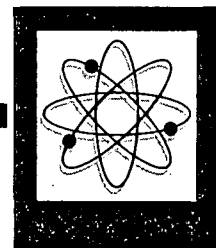
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REPORT OF ANALYSIS

Parameter	Unit	Reportable Detection Limit	%Rec	%RSD	7235 EQBLK
2,2-dichloropropane	ug/L	2.23	62.3	2.84	<2.23
1,1-dichloropropene	ug/L	0.693	93.4	1.25	<0.693
cis-1,3-dichloroprop	ug/L	1.38	86.9	1.14	<1.38
trans-1,3,-dichlorop	ug/L	1.73	86.9	1.14	<1.73
Ethylbenzene	ug/L	1.44	99.3	.990	<1.44
Hexachlorobutadiene	ug/L	1.23	64.6	1.81	<1.23
2-Hexanone	ug/L	1.10	86.5	.160	<1.10
Hexachloroethane	ug/L	3.18			<3.18
Isopropylbenzene	ug/L	0.983	82.4	.250	<0.983
4-isopropyltoluene	ug/L	0.964	79.9	.880	<0.964
Methylene chloride	ug/L	0.766	97.3	.270	<0.766
Methyl-tert-butyleth	ug/L	1.79	86.8	.240	<1.79
2-butanone	ug/L	2.81	96.5	.360	<2.81
Methyl iodide	ug/L	1.31	103.	8.86	<1.31
4-methyl-2-pentanone	ug/L	2.98	84.6	.460	<2.98
Naphthalene	ug/L	2.28	90.0	1.89	<2.28
propylbenzene	ug/L	1.01	83.5	.040	<1.01
Styrene	ug/L	1.21	99.3	.710	<1.21
1,1,1,2-tetrachloroe	ug/L	1.29	107.	.490	<1.29
1,1,2,2-tetrachloroe	ug/L	1.59	89.6	.110	<1.59
Tetrachloroethene	ug/L	1.46	104.	.440	<1.46
Toluene	ug/L	1.45	97.0	.910	5.56
1,2,3-trichlorobenze	ug/L	1.69	88.4	1.00	<1.69
1,2,4-trichlorobenze	ug/L	1.63	86.8	1.06	<1.63
1,1,1-trichloroethan	ug/L	0.576	93.2	1.59	<0.576
1,1,2-trichloroethan	ug/L	1.41	101.	.450	<1.41

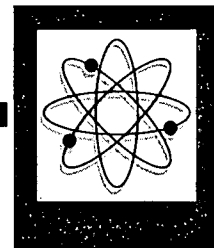
Certificate of Results

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.

Jefferson S. Flowers, Ph.D.

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ALTAMONTE SPRINGS,
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P.O. BOX 150597
ALTAMONTE SPRINGS,
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FAX: (407) 260-6110
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**CHEMICAL
LABORATORIES**
INCORPORATED

RECEIVED

Received From:
Pasco Co. Utilities Env. Lab
8864 Government Dr.
New Port Richey, FL 34654

JUN - 8 2000

Per.....

Date Reported : Jun 5 2000
Project Number : 111887.00
PO Number :
FLDOH Number : 83139/E83018
NYSDOH Number : 11595
FDER COMQAPNum : 86-0008
CTDPH Number : 0173
NCDEHNR Number : 296
SCDHEC Number : 96019

For: VARIOUS

Date Received:

Feb25 2000

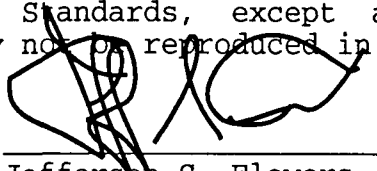
Lab Numbers: 7230-7235

REPORT OF ANALYSIS

Parameter	Unit	Reportable Detection Limit	%Rec	%RSD	7235 EQBLK
Trichloroethene	ug/L	1.71	102.	.380	<1.71
Trichlorofluorometha	ug/L	1.34	95.4	1.52	<1.34
1,2,3-trichloropropa	ug/L	1.65	125.	.450	<1.65
1,2,4-trimethylbenze	ug/L	0.811	81.9	.300	<0.811
1,3,5-trimethylbenze	ug/L	0.938	81.7	.510	<0.938
Vinyl acetate	ug/L	4.32			<4.32
Vinyl chloride	ug/L	1.46	90.9	.930	<1.46
Xylene	ug/L	2.56	102.	.620	<2.56
Surrogate_Spike1	ug/L	1.00	95.4	.810	32.3
Surrogate_Spike2	ug/L	1.00	97.9	.120	28.8
Surrogate_Spike3	ug/L	1.00	94.2	.770	24.7

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.


Jefferson S. Flowers, Ph.D.
President/Technical Director

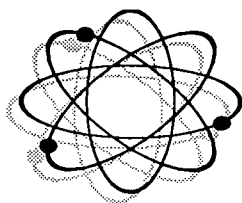
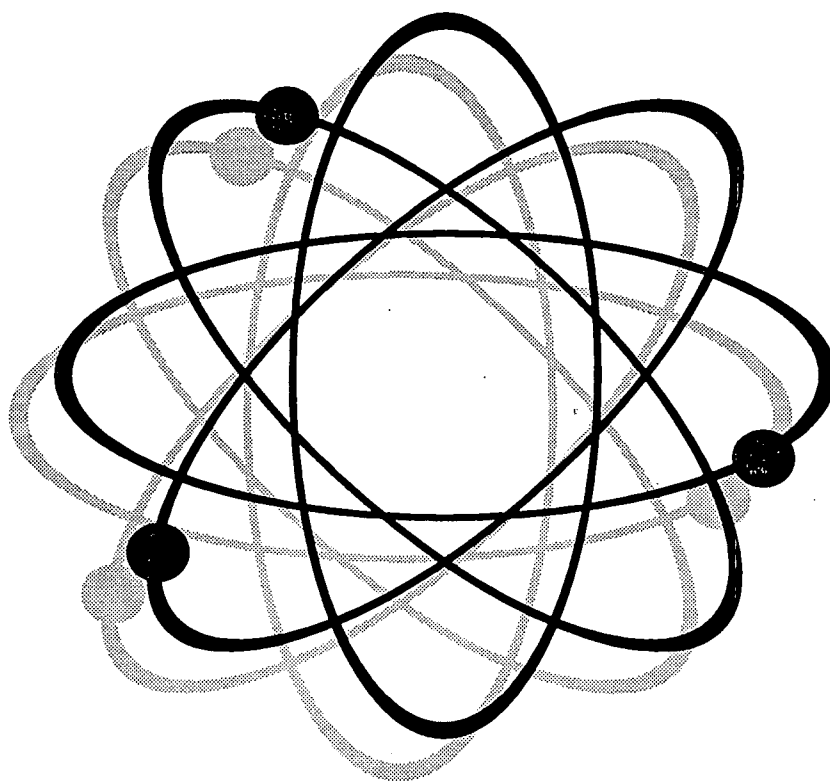
3609	FLOWERS CHEMICAL LABORATORIES																
	ANALYTICAL RESULTS FORM											HRS Number 83139					
			4MW11D	4MW12D	4MW14D	4MW15D	4MW16D	Eq blk					QA		Section		
Parameter	Symbol	Unit	7230	7231	7232	7233	7234	7235					Method	PQL	%RSD	%Rec	Analysis Date
Silver	*	mg/L	0.0374	0.0000728J	0.00644	<0.000159U	<0.000159U	<0.000159U					EPA6020	0.000159	0.8740303	100.51525	LSM 02-25-2000 11:53
Arsenic	*	mg/L	0.000767	0.000817	0.00189	0.000867	0.000733	<0.0000636U					EPA6020	0.0000636	0.6210215	106.9375	LSM 02-25-2000 11:53
Barium	*	mg/L	0.00717	0.00939	0.0308	0.0202	0.0130	<0.000636U					EPA6020	0.000636	0.8194034	105.475	LSM 02-25-2000 11:53
Beryllium	*	mg/L	<0.00089U	<0.00089U	<0.00089U	<0.00089U	<0.00089U	<0.00089U					EPA6020	0.0008904	0.1578868	112	LSM 02-25-2000 11:53
Cadmium	*	mg/L	<0.0000636U	0.0000294J	0.000264	<0.0000636U	0.0000694J	<0.0000636U					EPA6020	0.0000636	0.2243233	98.424	LSM 02-25-2000 11:53
Cobalt	*	mg/L	0.000203	0.000176J	0.00159	0.000169J	0.000594	0.0000356J					EPA6020	0.0000636	1.1924331	102.904	LSM 02-25-2000 11:53
Chromium	*	mg/L	0.00180	0.000472J	0.0177	<0.000159U	0.00384	<0.000159U					EPA6020	0.000159	1.8851128	104.0975	LSM 02-25-2000 11:53
Copper	*	mg/L	0.00717	0.00245	0.00889	0.00315	0.00728	0.00321					EPA6020	0.000159	0.8388206	99.95	LSM 02-25-2000 11:53
Nickel	*	mg/L	0.00177J	0.00228J	0.00822	0.00267J	0.00311J	<0.00127U					EPA6020	0.001272	1.7437551	99.3675	LSM 02-25-2000 11:53
Lead	*	mg/L	0.000544J	0.000191J	0.00371	0.000353J	0.00154	0.000166J					EPA6020	0.000318	0.6483192	101.5925	LSM 02-25-2000 11:53
Antimony	*	mg/L	<0.0007U	0.000519J	<0.0007U	<0.0007U	0.00124J	<0.0007U					EPA6020	0.0006996	0.3702743	116.075	LSM 02-25-2000 11:53
Selenium	*	mg/L	0.000252J	0.000883J	0.0114	0.0101	0.00149J	0.000783J					EPA6020	0.0006996	0.8871736	99.44	LSM 02-25-2000 11:53
Thallium	*	mg/L	<0.0000318U	<0.0000318U	0.00125	0.00142	<0.0000318U	<0.0000318U					EPA6020	0.0000318	0.3561190	99.5656	LSM 02-25-2000 11:53
Vanadium	*	mg/L	0.00284	0.00155	0.0164	0.00135	0.00371	0.00016J					EPA6020	0.0000636	0.5032923	104.774	LSM 02-25-2000 11:53
Zinc	*	mg/L	0.000278J	<0.000477U	0.0111	0.00113J	0.00922	<0.000477U					EPA6020	0.000477	1.2254580	96.5	LSM 02-25-2000 11:53
Dilution Factor	*	#	1	1	1	1	1	1					EPA5030	1			CLS 03-03-00
Acetone	*	ug/L	<4.46U	<4.46U	<4.46U	<4.46U	<4.46U	<4.46U					EPA8260	4.46154	5.85	92.3	CLS 03-03-00
Acrylonitrile	*	ug/L	<7.77U	<7.77U	<7.77U	<7.77U	<7.77U	<7.77U					EPA8260	7.76874			CLS 03-03-00
Benzene	*	ug/L	<0.801U	<0.801U	<0.801U	<0.801U	<0.801U	0.91J					EPA8260	0.80136	0.983	97.1	CLS 03-03-00
Bromobenzene	*	ug/L	<0.544U	<0.544U	<0.544U	<0.544U	<0.544U	<0.544U					EPA8260	0.54378	0.736	91.2	CLS 03-03-00
Bromochloromethane	*	ug/L	<0.502U	<0.502U	<0.502U	<0.502U	<0.502U	<0.502U					EPA8260	0.50244	0.375	113	CLS 03-03-00
Bromodichloromethane	*	ug/L	<1.4U	<1.4U	<1.4U	<1.4U	<1.4U	<1.4U					EPA8260	1.40238	0	91.8	CLS 03-03-00
Bromoform	*	ug/L	<0.518U	<0.518U	<0.518U	<0.518U	<0.518U	<0.518U					EPA8260	0.51834	1.14	86.7	CLS 03-03-00
Bromomethane	*	ug/L	<1.6U	<1.6U	<1.6U	<1.6U	<1.6U	<1.6U					EPA8260	1.60272			CLS 03-03-00
n-butylbenzene	*	ug/L	<1.28U	<1.28U	<1.28U	<1.28U	<1.28U	<1.28U					EPA8260	1.28472	0.234	75.4	CLS 03-03-00
sec-butylbenzene	*	ug/L	<1.21U	<1.21U	<1.21U	<1.21U	<1.21U	<1.21U					EPA8260	1.21158	1.1	80.5	CLS 03-03-00
tert-butylbenzene	*	ug/L	<0.995U	<0.995U	<0.995U	<0.995U	<0.995U	<0.995U					EPA8260	0.99534	0.494	85.8	CLS 03-03-00
Carbon disulfide	*	ug/L	<2.28U	<2.28U	<2.28U	<2.28U	<2.28U	<2.28U					EPA8260	2.28324	12.6	101	CLS 03-03-00
Carbon tetrachloride	*	ug/L	<1.24U	<1.24U	<1.24U	<1.24U	<1.24U	<1.24U					EPA8260	1.2402	3.01	97.5	CLS 03-03-00
Chlorobenzene	*	ug/L	<0.449U	<0.449U	<0.449U	<0.449U	<0.449U	<0.449U					EPA8260	0.449	0.804	101	CLS 03-03-00
Chloroethane	*	ug/L	<0.305U	<0.305U	<0.305U	<0.305U	<0.305U	<0.305U					EPA8260	0.305	12.3	95	CLS 03-03-00
Chloroform	*	ug/L	<0.251U	<0.251U	<0.251U	<0.251U	<0.251U	<0.251U					EPA8260	0.251	1.11	95.5	CLS 03-03-00
Chloromethane	*	ug/L	<0.537U	<0.537U	<0.537U	<0.537U	<0.537U	<0.537U					EPA8260	0.537	5.67	93.5	CLS 03-03-00
2-chlorotoluene	*	ug/L	<1.38U	<1.38U	<1.38U	<1.38U	<1.38U	<1.38U					EPA8260	1.38012	0.0851	83.1	CLS 03-03-00
4-chlorotoluene	*	ug/L	<1.07U	<1.07U	<1.07U	<1.07U	<1.07U	<1.07U					EPA8260	1.0653	0.0428	82.7	CLS 03-03-00
Dibromochloromethane	*	ug/L	<0.906U	<0.906U	<0.906U	<0.906U	<0.906U	<0.906U					EPA8260	0.9063	0.467	106	CLS 03-03-00
1,2-dibromo-3-chloropropane	*	ug/L	<0.906U	<0.906U	<0.906U	<0.906U	<0.906U	<0.906U					EPA8260	0.9063	0.975	72.6	CLS 03-03-00
1,2-dibromoethane	*	ug/L	<1.16U	<1.16U	<1.16U	<1.16U	<1.16U	<1.16U					EPA8260	1.15752	0.11	96.6	CLS 03-03-00
Dibromomethane	*	ug/L	<1.28U	<1.28U	<1.28U	<1.28U	<1.28U	<1.28U					EPA8260	1.27836	0.467	98.3	CLS 03-03-00
o-dichlorobenzene	*	ug/L	<0.674U	<0.674U	<0.674U	<0.674U	<0.674U	<0.674U					EPA8260	0.67416	0.422	92.2	CLS 03-03-00
m-dichlorobenzene	*	ug/L	<0.792U	<0.792U	<0.792U	<0.792U	<0.792U	<0.792U					EPA8260	0.79182	0.0771	91.7	CLS 03-03-00
Para-dichlorobenzene	*	ug/L	<1.19U	<1.19U	<1.19U	<1.19U	<1.19U	<1.19U					EPA8260	1.1925	0.637	94.4	CLS 03-03-00
Dichlorodifluoromethane	*	ug/L	<0.719U	<0.719U	<0.719U	<0.719U	<0.719U	<0.719U					EPA8260	0.71868	3.65	84.4	CLS 03-03-00
t-1,4-dichloro-2-butene	*	ug/L	<1.02U	<1.02U	<1.02U	<1.02U	<1.02U	<1.02U					EPA8260	1.02078			CLS 03-03-00
1,1-dichloroethane	*	ug/L	<1.72U	<1.72U	<1.72U	<1.72U	<1.72U	<1.72U					EPA8260	1.7172	0.324	98.3	CLS 03-03-00
1,2-dichloroethane	*	ug/L	<0.642U	<0.642U	<0.642U	<0.642U	<0.642U	<0.642U					EPA8260	0.64236	0.15	94.5	CLS 03-03-00
1,1-dichloroethene	*	ug/L	<1.7U	<1.7U	<1.7U	<1.7U	<1.7U	<1.7U					EPA8260	1.7013	7.66	101	CLS 03-03-00
cis-1,2-dichloroethene	*	ug/L	<0.976U	<0.976U	<0.976U	<0.976U	<0.976U	<0.976U					EPA8260	0.97626	0.389	99.9	CLS 03-03-00
t-1,2-dichloroethene	*	ug/L	<1.71U	<1.71U	<1.71U	<1.71U	<1.71U	<1.71U					EPA8260	1.71084	0.937	102	CLS 03-03-00
1,2-dichloroethene	*	ug/L	<2.36U	<2.36U	<2.36U	<2.36U	<2.36U	<2.36U					EPA8260	2.36274	0.666	101	CLS 03-03-00

1,2-dichloropropane	*	ug/L	<1.38U	<1.38U	<1.38U	<1.38U	<1.38U	<1.38U					EPA8260	1.38012	0.366	96.7	CLS	03-03-00
1,3-dichloropropane	*	ug/L	<1.04U	<1.04U	<1.04U	<1.04U	<1.04U	<1.04U					EPA8260	1.03668	0.254	97.6	CLS	03-03-00
2,2-dichloropropane	*	ug/L	<2.23U	<2.23U	<2.23U	<2.23U	<2.23U	<2.23U					EPA8260	2.22918	2.84	62.3	CLS	03-03-00
1,1-dichloropropane	*	ug/L	<0.693U	<0.693U	<0.693U	<0.693U	<0.693U	<0.693U					EPA8260	0.69324	1.25	93.4	CLS	03-03-00
cis-1,3-dichloropropene	*	ug/L	<1.38U	<1.38U	<1.38U	<1.38U	<1.38U	<1.38U					EPA8260	1.37694	1.14	86.9	CLS	03-03-00
trans-1,3-dichloropropene	*	ug/L	<1.73U	<1.73U	<1.73U	<1.73U	<1.73U	<1.73U					EPA8260	1.72992	1.14	86.9	CLS	03-03-00
Ethylbenzene	*	ug/L	<1.44U	<1.44U	<1.44U	<1.44U	<1.44U	<1.44U					EPA8260	1.43736	0.997	99.3	CLS	03-03-00
Hexachlorobutadiene	*	ug/L	<1.23U	<1.23U	<1.23U	<1.23U	<1.23U	<1.23U					EPA8260	1.23384	1.81	64.6	CLS	03-03-00
2-Hexanone	*	ug/L	<1.1U	<1.1U	<1.1U	<1.1U	<1.1U	<1.1U					EPA8260	1.10346	0.163	86.5	CLS	03-03-00
Hexachloroethane	*	ug/L	<3.18U	<3.18U	<3.18U	<3.18U	<3.18U	<3.18U					EPA8260	3.18			CLS	03-03-00
Isopropylbenzene	*	ug/L	<0.983U	<0.983U	<0.983U	<0.983U	<0.983U	<0.983U					EPA8260	0.98262	0.257	82.4	CLS	03-03-00
4-isopropyltoluene	*	ug/L	<0.964U	<0.964U	<0.964U	<0.964U	<0.964U	<0.964U					EPA8260	0.96354	0.885	79.9	CLS	03-03-00
Methylene chloride	*	ug/L	<0.766U	<0.766U	1.5U	<0.766U	<0.766U	<0.766U					EPA8260	0.76638	0.276	97.3	CLS	03-03-00
Methyl-tert-butylether	*	ug/L	<1.79U	<1.79U	<1.79U	<1.79U	<1.79U	<1.79U					EPA8260	1.79034	0.244	86.8	CLS	03-03-00
2-butanone	*	ug/L	<2.81U	<2.81U	<2.81U	<2.81U	<2.81U	<2.81U					EPA8260	2.81112	0.367	96.5	CLS	03-03-00
Methyl iodide	*	ug/L	<1.31U	<1.31U	<1.31U	<1.31U	<1.31U	<1.31U					EPA8260	1.30698	8.86	103	CLS	03-03-00
4-methyl-2-pentanone	*	ug/L	<2.98U	<2.98U	<2.98U	<2.98U	<2.98U	<2.98U					EPA8260	2.98284	0.46	84.6	CLS	03-03-00
Naphthalene	*	ug/L	<2.28U	<2.28U	<2.28U	<2.28U	<2.28U	<2.28U					EPA8260	2.28324	1.89	90	CLS	03-03-00
Propylbenzene	*	ug/L	<1.01U	<1.01U	<1.01U	<1.01U	<1.01U	<1.01U					EPA8260	1.00806	0.0423	83.5	CLS	03-03-00
Styrene	*	ug/L	<1.21U	<1.21U	<1.21U	<1.21U	<1.21U	<1.21U					EPA8260	1.21476	0.712	99.3	CLS	03-03-00
1,1,1,2-tetrachloroethane	*	ug/L	<1.29U	<1.29U	<1.29U	<1.29U	<1.29U	<1.29U					EPA8260	1.2879	0.494	107	CLS	03-03-00
1,1,2,2-tetrachloroethane	*	ug/L	<1.59U	<1.59U	<1.59U	<1.59U	<1.59U	<1.59U					EPA8260	1.58682	0.118	89.6	CLS	03-03-00
Tetrachloroethene	*	ug/L	<1.46U	<1.46U	<1.46U	<1.46U	<1.46U	<1.46U					EPA8260	1.45644	0.441	104	CLS	03-03-00
Toluene	*	ug/L	<1.45U	<1.45U	<1.45U	<1.45U	<1.45U	5.56					EPA8260	1.45326	0.911	97	CLS	03-03-00
1,2,3-trichlorobenzene	*	ug/L	<1.69U	<1.69U	<1.69U	<1.69U	<1.69U	<1.69U					EPA8260	1.68858	1	88.4	CLS	03-03-00
1,2,4-trichlorobenzene	*	ug/L	<1.63U	<1.63U	<1.63U	<1.63U	<1.63U	<1.63U					EPA8260	1.63452	1.06	86.8	CLS	03-03-00
1,1,1-trichloroethane	*	ug/L	<0.576U	<0.576U	<0.576U	<0.576U	<0.576U	<0.576U					EPA8260	0.57558	1.59	93.2	CLS	03-03-00
1,1,2-trichloroethane	*	ug/L	<1.41U	<1.41U	<1.41U	<1.41U	<1.41U	<1.41U					EPA8260	1.40874	0.455	101	CLS	03-03-00
Trichloroethene	*	ug/L	<1.71U	<1.71U	<1.71U	<1.71U	<1.71U	<1.71U					EPA8260	1.70766	0.382	102	CLS	03-03-00
Trichlorofluoromethane	*	ug/L	<1.34U	<1.34U	<1.34U	<1.34U	<1.34U	<1.34U					EPA8260	1.33878	1.52	95.4	CLS	03-03-00
1,2,3-trichloropropane	*	ug/L	<1.65U	<1.65U	<1.65U	<1.65U	<1.65U	<1.65U					EPA8260	1.65042	0.453	125	CLS	03-03-00
1,2,4-trimethylbenzene	*	ug/L	<0.811U	<0.811U	<0.811U	<0.811U	<0.811U	<0.811U					EPA8260	0.8109	0.302	81.9	CLS	03-03-00
1,3,5-trimethylbenzene	*	ug/L	<0.938U	<0.938U	<0.938U	<0.938U	<0.938U	<0.938U					EPA8260	0.9381	0.519	81.7	CLS	03-03-00
Vinyl acetate	*	ug/L	<4.32U	<4.32U	<4.32U	<4.32U	<4.32U	<4.32U					EPA8260	4.3248			CLS	03-03-00
Vinyl chloride	*	ug/L	<1.46U	<1.46U	<1.46U	<1.46U	<1.46U	<1.46U					EPA8260	1.45962	0.933	90.9	CLS	03-03-00
Xylene	*	ug/L	<2.56U	<2.56U	<2.56U	<2.56U	<2.56U	1.81J					EPA8260	2.5599	0.624	102	CLS	03-03-00
Surrogate Spike1	*	ug/L	30	31.2	31.2	31.7	31.7	32.3					EPA8260	1	0.816	95.4	CLS	03-03-00
Surrogate Spike2	*	ug/L	28.9	28.7	28.9	28.7	29	28.8					EPA8260	1	0.12	97.9	CLS	03-03-00
Surrogate Spike3	*	ug/L	25	24.5	24.4	24.2	23.9	24.7					EPA8260	1	0.776	94.2	CLS	03-03-00
-	*	-	-	-	-	-	-	-					-	0.001				
Date Received: 02-25-00 Typed: 03-06-00 Sent: 03-06-00																		
Project Number	*****	Qualifier Key																
PO Number	56.00	J	Surrogate recovery limits have been exceeded; No known quality control criteria exists for the component;															
Date Sampled	02-24-00		The sample matrix interfered with the ability to make any accurate determination;															
Date Analyzed			The reported value is between the MDL and the PQL.															
Compacted	1.00	Q	Sample held beyond the accepted holding time.															
Format		U	Indicates that the compound was analyzed for but not detected.															
Appendix I	*****	V	Indicates that the analyte was detected in both the sample and the associated method blank.															

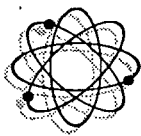
Quality Assurance Report

Prepared for: Pasco Co. Utilities Env. Lab
Project Number: 111887
Lab Numbers: 7230 - 7235

Report date: 5-Jun-00



**FLOWERS
CHEMICAL
LABORATORIES**



FLOWERS CHEMICAL LABORATORIES, INC.

QA SDG Narrative Summary

Client:	Pasco Co. Utilities Env. Lab
Project Number:	111887
P.O. Number:	0
Date Sampled:	30-Dec-99
Lab Numbers:	7230 - 7235

Sample Handling

Sample handling and holding time criteria were met for all samples.
Samples Collected by Submitter. No unusual events occurred during analysis.

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

Accuracy / Precision:

Method Blanks:

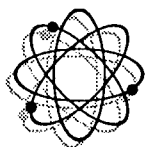
No target compounds were found in the method blank in excess of the method limit as shown in section 3.

QCCS Check Sample:

The control limits were exceeded for 4 compounds as shown in section 4. This represents a 95.1% 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 6 QCCS standards as shown in section 5. This represents a 92.7% success rate.
The t-test limits were exceeded for 6 matrix spike standards as shown in section 5. This represents a 92.7% success rate.
There were 2 standard blanks.



FLOWERS CHEMICAL LABORATORIES, INC.

QA Section 1

Surrogate Compound Recovery

Client: Pasco Co. Utilities Env. Lab
Project Number: 111887
P.O. Number: 0
Date Sampled: 30-Dec-99
Lab Numbers: 7230 - 7235

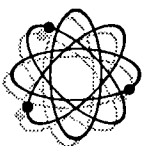
Surrogate_Spike1 for EPA8260

Surrogate Expected: 30

Unit of measure: ug/L

Acceptability Limits: 18.7 - 38.9

Laboratory Number	Site Description	Surrogate Recovered	Percent Recovered
7230	4MW11D	30.0	100
7231	4MW12D	31.2	104
7232	4MW14D	31.2	104
7233	4MW15D	31.7	106
7234	4MW16D	31.7	106
7235	Eq blk	32.3	108



FLOWERS CHEMICAL LABORATORIES, INC.

QA Section 1

Surrogate Compound Recovery

Client: Pasco Co. Utilities Env. Lab
Project Number: 111887
P.O. Number: 0
Date Sampled: 30-Dec-99
Lab Numbers: 7230 - 7235

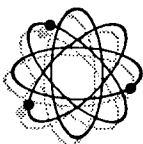
Surrogate_Spike2 for EPA8260

Surrogate Expected: 30

Unit of measure: ug/L

Acceptability Limits: 26 - 32.3

Laboratory Number	Site Description	Surrogate Recovered	Percent Recovered
7230	4MW11D	28.9	96.3
7231	4MW12D	28.7	95.7
7232	4MW14D	28.9	96.3
7233	4MW15D	28.7	95.7
7234	4MW16D	29.0	96.7
7235	Eq blk	28.8	96.0



FLOWERS CHEMICAL LABORATORIES, INC.

QA Section 1

Surrogate Compound Recovery

Client: Pasco Co. Utilities Env. Lab
Project Number: 111887
P.O. Number: 0
Date Sampled: 30-Dec-99
Lab Numbers: 7230 - 7235

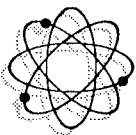
Surrogate_Spike3 for EPA8260

Surrogate Expected: 30

Unit of measure: ug/L

Acceptability Limits: 21.3 - 33.1

Laboratory Number	Site Description	Surrogate Recovered	Percent Recovered
7230	4MW11D	25.0	83.3
7231	4MW12D	24.5	81.7
7232	4MW14D	24.4	81.3
7233	4MW15D	24.2	80.7
7234	4MW16D	23.9	79.7
7235	Eq blk	24.7	82.3



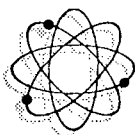
FLOWERS CHEMICAL LABORATORIES, INC.

QA Section 3

Method Blank Report

Client: Pasco Co. Utilities Env. Lab
Project Number: 111887
P.O. Number: 0
Date Sampled: 30-Dec-99
Lab Numbers: 7230 - 7235

Analyte	Unit	Method	Date	Concentration
Silver	mg/L	EPA6020	02-25-2000 11:53	<0.000159
Arsenic	mg/L	EPA6020	02-25-2000 11:53	<0.0000636
Barium	mg/L	EPA6020	02-25-2000 11:53	<0.000636
Beryllium	mg/L	EPA6020	02-25-2000 11:53	<0.0008904
Cadmium	mg/L	EPA6020	02-25-2000 11:53	<0.0000636
Cobalt	mg/L	EPA6020	02-25-2000 11:53	<0.0000636
Chromium	mg/L	EPA6020	02-25-2000 11:53	<0.000159
Copper	mg/L	EPA6020	02-25-2000 11:53	<0.000159
Nickel	mg/L	EPA6020	02-25-2000 11:53	<0.001272
Lead	mg/L	EPA6020	02-25-2000 11:53	<0.000318
Antimony	mg/L	EPA6020	02-25-2000 11:53	<0.0006996
Selenium	mg/L	EPA6020	02-25-2000 11:53	<0.0006996
Thallium	mg/L	EPA6020	02-25-2000 11:53	<0.0000318
Vanadium	mg/L	EPA6020	02-25-2000 11:53	<0.0000636
Zinc	mg/L	EPA6020	02-25-2000 11:53	<0.000477
Acetone	ug/L	EPA8260	03-03-00	<4.46154
Acrylonitrile	ug/L	EPA8260	03-03-00	<7.76874
Benzene	ug/L	EPA8260	03-03-00	<0.80136
Bromobenzene	ug/L	EPA8260	03-03-00	<0.54378
Bromochloromethane	ug/L	EPA8260	03-03-00	<0.50244
Bromodichloromethane	ug/L	EPA8260	03-03-00	<1.40238
Bromoform	ug/L	EPA8260	03-03-00	<0.51834
Bromomethane	ug/L	EPA8260	03-03-00	<1.60272
n-butylbenzene	ug/L	EPA8260	03-03-00	<1.28472
sec-butylbenzene	ug/L	EPA8260	03-03-00	<1.21158
tert-butylbenzene	ug/L	EPA8260	03-03-00	<0.99534
Carbon disulfide	ug/L	EPA8260	03-03-00	<2.28324
Carbon tetrachloride	ug/L	EPA8260	03-03-00	<1.2402
Chlorobenzene	ug/L	EPA8260	03-03-00	<0.449



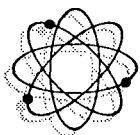
FLOWERS CHEMICAL LABORATORIES, INC.

QA Section 3

Method Blank Report

Client: Pasco Co. Utilities Env. Lab
Project Number: 111887
P.O. Number: 0
Date Sampled: 30-Dec-99
Lab Numbers: 7230 - 7235

Analyte	Unit	Method	Date	Concentration
Chloroethane	ug/L	EPA8260	03-03-00	<0.305
Chloroform	ug/L	EPA8260	03-03-00	<0.251
Chloromethane	ug/L	EPA8260	03-03-00	<0.537
2-chlorotoluene	ug/L	EPA8260	03-03-00	<1.38012
4-chlorotoluene	ug/L	EPA8260	03-03-00	<1.0653
Dibromochloromethane	ug/L	EPA8260	03-03-00	<0.9063
1,2-dibromo-3-chloropropane	ug/L	EPA8260	03-03-00	<0.9063
1,2-dibromoethane	ug/L	EPA8260	03-03-00	<1.15752
Dibromomethane	ug/L	EPA8260	03-03-00	<1.27836
o-dichlorobenzene	ug/L	EPA8260	03-03-00	<0.67416
m-dichlorobenzene	ug/L	EPA8260	03-03-00	<0.79182
Para-dichlorobenzene	ug/L	EPA8260	03-03-00	<1.1925
Dichlorodifluoromethane	ug/L	EPA8260	03-03-00	<0.71868
t-1,4-dichloro-2-butene	ug/L	EPA8260	03-03-00	<1.02078
1,1-dichloroethane	ug/L	EPA8260	03-03-00	<1.7172
1,2-dichloroethane	ug/L	EPA8260	03-03-00	<0.64236
1,1-dichloroethene	ug/L	EPA8260	03-03-00	<1.7013
cis-1,2-dichloroethene	ug/L	EPA8260	03-03-00	<0.97626
t-1,2-dichloroethene	ug/L	EPA8260	03-03-00	<1.71084
1,2-dichloroethene	ug/L	EPA8260	03-03-00	<2.36274
1,2-dichloropropane	ug/L	EPA8260	03-03-00	<1.38012
1,3-dichloropropane	ug/L	EPA8260	03-03-00	<1.03668
2,2-dichloropropane	ug/L	EPA8260	03-03-00	<2.22918
1,1-dichloropropene	ug/L	EPA8260	03-03-00	<0.69324
cis-1,3-dichloropropene	ug/L	EPA8260	03-03-00	<1.37694
trans-1,3-dichloropropene	ug/L	EPA8260	03-03-00	<1.72992
Ethylbenzene	ug/L	EPA8260	03-03-00	<1.43736
Hexachlorobutadiene	ug/L	EPA8260	03-03-00	<1.23384
2-Hexanone	ug/L	EPA8260	03-03-00	<1.10346



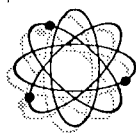
FLOWERS CHEMICAL LABORATORIES, INC.

QA Section 3

Method Blank Report

Client: Pasco Co. Utilities Env. Lab
Project Number: 111887
P.O. Number: 0
Date Sampled: 30-Dec-99
Lab Numbers: 7230 - 7235

Analyte	Unit	Method	Date	Concentration
Hexachloroethane	ug/L	EPA8260	03-03-00	<3.18
Isopropylbenzene	ug/L	EPA8260	03-03-00	<0.98262
4-isopropyltoluene	ug/L	EPA8260	03-03-00	<0.96354
Methylene chloride	ug/L	EPA8260	03-03-00	<0.76638
Methyl-tert-butylether	ug/L	EPA8260	03-03-00	<1.79034
2-butanone	ug/L	EPA8260	03-03-00	<2.81112
Methyl iodide	ug/L	EPA8260	03-03-00	<1.30698
4-methyl-2-pentanone	ug/L	EPA8260	03-03-00	<2.98284
Naphthalene	ug/L	EPA8260	03-03-00	<2.28324
Propylbenzene	ug/L	EPA8260	03-03-00	<1.00806
Styrene	ug/L	EPA8260	03-03-00	<1.21476
1,1,1,2-tetrachloroethane	ug/L	EPA8260	03-03-00	<1.2879
1,1,2,2-tetrachloroethane	ug/L	EPA8260	03-03-00	<1.58682
Tetrachloroethene	ug/L	EPA8260	03-03-00	<1.45644
Toluene	ug/L	EPA8260	03-03-00	<1.45326
1,2,3-trichlorobenzene	ug/L	EPA8260	03-03-00	<1.68858
1,2,4-trichlorobenzene	ug/L	EPA8260	03-03-00	<1.63452
1,1,1-trichloroethane	ug/L	EPA8260	03-03-00	<0.57558
1,1,2-trichloroethane	ug/L	EPA8260	03-03-00	<1.40874
Trichloroethene	ug/L	EPA8260	03-03-00	<1.70766
Trichlorofluoromethane	ug/L	EPA8260	03-03-00	<1.33878
1,2,3-trichloropropane	ug/L	EPA8260	03-03-00	<1.65042
1,2,4-trimethylbenzene	ug/L	EPA8260	03-03-00	<0.8109
1,3,5-trimethylbenzene	ug/L	EPA8260	03-03-00	<0.9381
Vinyl acetate	ug/L	EPA8260	03-03-00	<4.3248
Vinyl chloride	ug/L	EPA8260	03-03-00	<1.45962
Xylene	ug/L	EPA8260	03-03-00	<2.5599



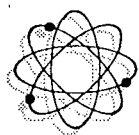
FLOWERS CHEMICAL LABORATORIES, INC.

QA Section 4

QCCS Sample Recovery

Client: Pasco Co. Utilities Env. Lab
Project Number: 111887
P.O. Number: 0
Date Sampled: 30-Dec-99
Lab Numbers: 7230 - 7235

Analyte	Unit	Method	Date	QCCS Expected	QCCS Measured	Rec. %	Acceptable Limits
Silver	mg/L	EPA6020	2-25-2000 11:5	0.200	0.230	113.00%	0.170 - 0.230
Arsenic	mg/L	EPA6020	2-25-2000 11:5	0.200	0.220	109.50%	0.180 - 0.220
Barium	mg/L	EPA6020	2-25-2000 11:5	0.200	0.200	102.25%	0.170 - 0.230
Beryllium	mg/L	EPA6020	2-25-2000 11:5	0.200	0.220	108.00%	0.140 - 0.270
Cadmium	mg/L	EPA6020	2-25-2000 11:5	0.200	0.210	105.25%	0.180 - 0.220
Cobalt	mg/L	EPA6020	2-25-2000 11:5	0.200	0.200	98.25%	0.170 - 0.230
Chromium	mg/L	EPA6020	2-25-2000 11:5	0.200	0.230	113.25%	0.170 - 0.230
Copper	mg/L	EPA6020	2-25-2000 11:5	0.200	0.220	109.50%	0.160 - 0.230
Nickel	mg/L	EPA6020	2-25-2000 11:5	0.200	0.220	109.00%	0.160 - 0.230
Lead	mg/L	EPA6020	2-25-2000 11:5	0.200	0.220	112.25%	0.170 - 0.240
Antimony	mg/L	EPA6020	2-25-2000 11:5	0.200	0.190	95.00%	0.170 - 0.220
Selenium	mg/L	EPA6020	2-25-2000 11:5	0.200	0.210	105.75%	0.170 - 0.230
Thallium	mg/L	EPA6020	2-25-2000 11:5	0.200	0.200	98.00%	0.170 - 0.240
Vanadium	mg/L	EPA6020	2-25-2000 11:5	0.200	0.200	98.50%	0.170 - 0.230
Zinc	mg/L	EPA6020	2-25-2000 11:5	0.200	0.210	104.25%	0.160 - 0.230
Acetone	ug/L	EPA8260	03-03-00	100	93.5	94.0%	42.3 - 156
Benzene	ug/L	EPA8260	03-03-00	10.0	9.10	91.0%	6.24 - 13.3
Bromobenzene	ug/L	EPA8260	03-03-00	10.0	7.93	79.0%	6.98 - 12.6
Bromochloromethane	ug/L	EPA8260	03-03-00	10.0	10.3	103%	7.14 - 12.2
Bromodichloromethane	ug/L	EPA8260	03-03-00	10.0	7.95	80.0%	7.21 - 12.4
Bromoform	ug/L	EPA8260	03-03-00	10.0	7.20	72.0%	5.99 - 13.4
Bromomethane	ug/L	EPA8260	03-03-00	10.0	14.7	147%	5.82 - 14.6
n-butylbenzene	ug/L	EPA8260	03-03-00	10.0	6.43	64.0%	6.56 - 12.4
sec-butylbenzene	ug/L	EPA8260	03-03-00	10.0	7.10	71.0%	6.93 - 12.6
tert-butylbenzene	ug/L	EPA8260	03-03-00	10.0	7.50	75.0%	6.49 - 13.5
Carbon disulfide	ug/L	EPA8260	03-03-00	10.0	8.90	89.0%	4.83 - 15.6
Carbon tetrachloride	ug/L	EPA8260	03-03-00	10.0	9.21	92.0%	5.71 - 13.8
Chlorobenzene	ug/L	EPA8260	03-03-00	10.0	9.34	93.0%	7.70 - 12.3
Chloroethane	ug/L	EPA8260	03-03-00	10.0	9.50	95.0%	4.71 - 14.9
Chloroform	ug/L	EPA8260	03-03-00	10.0	8.93	89.0%	6.57 - 13.8
Chloromethane	ug/L	EPA8260	03-03-00	10.0	8.82	88.0%	4.26 - 13.9
2-chlorotoluene	ug/L	EPA8260	03-03-00	10.0	7.44	74.0%	6.68 - 13.0
4-chlorotoluene	ug/L	EPA8260	03-03-00	10.0	7.47	75.0%	6.67 - 12.7
Dibromochloromethane	ug/L	EPA8260	03-03-00	10.0	8.66	87.0%	7.09 - 12.3
1,2-dibromo-3-chloropropane	ug/L	EPA8260	03-03-00	10.0	5.91	59.0%	5.47 - 12.9



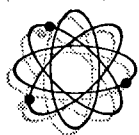
FLOWERS CHEMICAL LABORATORIES, INC.

QA Section 4

QCCS Sample Recovery

Client: Pasco Co. Utilities Env. Lab
Project Number: 111887
P.O. Number: 0
Date Sampled: 30-Dec-99
Lab Numbers: 7230 - 7235

Analyte	Unit	Method	Date	QCCS Expected	QCCS Measured	Rec. %	Acceptable Limits
1,2-dibromoethane	ug/L	EPA8260	03-03-00	10.0	8.48	85.0%	7.49 - 12.0
Dibromomethane	ug/L	EPA8260	03-03-00	10.0	8.95	90.0%	7.48 - 12.5
o-dichlorobenzene	ug/L	EPA8260	03-03-00	10.0	7.82	78.0%	7.35 - 12.6
m-dichlorobenzene	ug/L	EPA8260	03-03-00	10.0	7.76	78.0%	7.41 - 12.4
Para-dichlorobenzene	ug/L	EPA8260	03-03-00	10.0	8.22	82.0%	7.22 - 12.5
Dichlorodifluoromethane	ug/L	EPA8260	03-03-00	10.0	8.41	84.0%	4.02 - 13.7
1,1-dichloroethane	ug/L	EPA8260	03-03-00	10.0	9.16	92.0%	6.16 - 13.6
1,2-dichloroethane	ug/L	EPA8260	03-03-00	10.0	8.66	87.0%	6.77 - 12.8
1,1-dichloroethene	ug/L	EPA8260	03-03-00	10.0	9.62	96.0%	6.15 - 13.2
cis-1,2-dichloroethene	ug/L	EPA8260	03-03-00	10.0	9.13	91.0%	7.14 - 12.5
t-1,2-dichloroethene	ug/L	EPA8260	03-03-00	10.0	9.73	97.0%	6.11 - 13.1
1,2-dichloroethene	ug/L	EPA8260	03-03-00	20.0	18.9	95.0%	13.9 - 25.3
1,2-dichloropropane	ug/L	EPA8260	03-03-00	10.0	8.75	88.0%	6.86 - 12.7
1,3-dichloropropane	ug/L	EPA8260	03-03-00	10.0	8.58	86.0%	7.54 - 12.1
2,2-dichloropropane	ug/L	EPA8260	03-03-00	10.0	6.39	64.0%	2.93 - 13.4
1,1-dichloropropene	ug/L	EPA8260	03-03-00	10.0	8.72	87.0%	6.66 - 12.1
cis-1,3-dichloropropene	ug/L	EPA8260	03-03-00	10.0	7.23	72.0%	6.71 - 12.3
trans-1,3,-dichloropropene	ug/L	EPA8260	03-03-00	10.0	7.23	72.0%	6.20 - 12.7
Ethylbenzene	ug/L	EPA8260	03-03-00	10.0	9.02	90.0%	6.78 - 13.0
Hexachlorobutadiene	ug/L	EPA8260	03-03-00	10.0	5.71	57.0%	6.59 - 13.3
2-Hexanone	ug/L	EPA8260	03-03-00	10.0	6.96	70.0%	5.07 - 13.8
Isopropylbenzene	ug/L	EPA8260	03-03-00	10.0	7.34	73.0%	6.33 - 14.1
4-isopropyltoluene	ug/L	EPA8260	03-03-00	10.0	6.71	67.0%	7.11 - 12.4
Methylene chloride	ug/L	EPA8260	03-03-00	10.0	9.78	98.0%	6.07 - 14.5
Methyl-tert-butylether	ug/L	EPA8260	03-03-00	10.0	7.92	79.0%	4.32 - 14.8
2-butanone	ug/L	EPA8260	03-03-00	10.0	8.75	88.0%	4.27 - 15.7
Methyl iodide	ug/L	EPA8260	03-03-00	10.0	10.1	101%	5.12 - 16.3
4-methyl-2-pentanone	ug/L	EPA8260	03-03-00	10.0	7.01	70.0%	3.96 - 13.0
Naphthalene	ug/L	EPA8260	03-03-00	10.0	6.67	67.0%	2.82 - 15.1
Propylbenzene	ug/L	EPA8260	03-03-00	10.0	7.45	75.0%	6.74 - 12.7
Styrene	ug/L	EPA8260	03-03-00	10.0	8.80	88.0%	6.80 - 14.0
1,1,1,2-tetrachloroethane	ug/L	EPA8260	03-03-00	10.0	9.92	99.0%	7.29 - 12.3
1,1,2,2-tetrachloroethane	ug/L	EPA8260	03-03-00	10.0	8.08	81.0%	5.96 - 13.0
Tetrachloroethene	ug/L	EPA8260	03-03-00	10.0	9.84	98.0%	5.07 - 14.3
Toluene	ug/L	EPA8260	03-03-00	10.0	8.85	89.0%	6.46 - 13.4



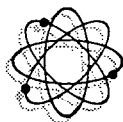
FLOWERS CHEMICAL LABORATORIES, INC.

QA Section 4

QCCS Sample Recovery

Client: Pasco Co. Utilities Env. Lab
Project Number: 111887
P.O. Number: 0
Date Sampled: 30-Dec-99
Lab Numbers: 7230 - 7235

Analyte	Unit	Method	Date	QCCS Expected	QCCS Measured	Rec. %	Acceptable Limits
1,2,3-trichlorobenzene	ug/L	EPA8260	03-03-00	10.0	7.12	71.0%	4.83 - 13.6
1,2,4-trichlorobenzene	ug/L	EPA8260	03-03-00	10.0	6.28	63.0%	4.74 - 13.3
1,1,1-trichloroethane	ug/L	EPA8260	03-03-00	10.0	8.79	88.0%	6.88 - 12.7
1,1,2-trichloroethane	ug/L	EPA8260	03-03-00	10.0	8.97	90.0%	7.57 - 12.2
Trichloroethene	ug/L	EPA8260	03-03-00	10.0	9.41	94.0%	6.53 - 14.9
Trichlorofluoromethane	ug/L	EPA8260	03-03-00	10.0	8.72	87.0%	3.06 - 15.1
1,2,3-trichloropropane	ug/L	EPA8260	03-03-00	10.0	10.5	105%	6.25 - 13.8
1,2,4-trimethylbenzene	ug/L	EPA8260	03-03-00	10.0	7.27	73.0%	6.96 - 12.8
1,3,5-trimethylbenzene	ug/L	EPA8260	03-03-00	10.0	7.23	72.0%	6.84 - 12.8
Vinyl chloride	ug/L	EPA8260	03-03-00	10.0	8.98	90.0%	5.26 - 14.1
Xylene	ug/L	EPA8260	03-03-00	30.0	28.1	94.0%	19.8 - 39.8



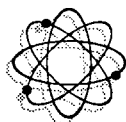
FLOWERS CHEMICAL LABORATORIES, INC.

QA Section 5

Standards Traceability

Client: Pasco Co. Utilities Env. Lab
Project Number: 111887
P.O. Number: 0
Date Sampled: 30-Dec-99
Lab Numbers: 7230 - 7235

Compound Name	Manufacturer Name	Manufacturer Lot #	Rec Lot #	Rec By	Date Recieved	Valid Until	Prep Lot #	Prep By	Date Prepared	Valid Until	t-test	t-test range	Contro Mean	Contro Std	Lot Mean	Lot Std
			Standard				Lot									
Silver	Fisher	16-155AS	1067	LSM	11-10-99	12-31-99	1422	LSM	11-10-99	12-31-99	3.33	>1.70	0.935	0.078	1.01	0.040
QCCS	Fisher	9NFS30Z471	1095	EVB	01-10-00	12-30-00	1446	EVB	01-19-00	12-30-00	1.97	±2.04	0.935	0.078	1.15	0.506
Matrix Spike	Fisher	16-155AS	1067	LSM	11-10-99	12-31-99	1422	LSM	11-10-99	12-31-99	3.33	>1.70	0.935	0.078	1.01	0.040
Arsenic	Fisher	16-85AS	1066	LSM	11-10-99	12-31-99	1422	LSM	11-10-99	12-31-99	11.3	>1.73	1.02	0.024	0.994	0.042
QCCS	Fisher	9NFS30Z471	1095	EVB	01-10-00	12-30-00	1446	EVB	01-19-00	12-30-00	11.7	>1.73	1.02	0.024	0.978	0.031
Matrix Spike	Fisher	16-85AS	1066	LSM	11-10-99	12-31-99	1422	LSM	11-10-99	12-31-99	11.3	>1.73	1.02	0.024	0.994	0.042
Barium	Fisher	16-155AS	1067	LSM	11-10-99	12-31-99	1422	LSM	11-10-99	12-31-99	8.60	>1.69	0.983	0.040	1.02	0.026
QCCS	Fisher	9NFS30Z471	1095	EVB	01-10-00	12-30-00	1446	EVB	01-19-00	12-30-00	10.7	>1.69	0.983	0.040	0.981	0.013
Matrix Spike	Fisher	16-155AS	1067	LSM	11-10-99	12-31-99	1422	LSM	11-10-99	12-31-99	8.60	>1.69	0.983	0.040	1.02	0.026
Beryllium	Fisher	16-85AS	1066	LSM	11-10-99	12-31-99	1422	LSM	11-10-99	12-31-99	2.96	>1.68	1.03	0.092	1.10	0.066
QCCS	Fisher	9NFS30Z471	1095	EVB	01-10-00	12-30-00	1446	EVB	01-19-00	12-30-00	3.02	>1.68	1.03	0.092	0.962	0.061
Matrix Spike	Fisher	16-85AS	1066	LSM	11-10-99	12-31-99	1422	LSM	11-10-99	12-31-99	2.96	>1.68	1.03	0.092	1.10	0.066
Cadmium	Fisher	16-85AS	1066	LSM	11-10-99	12-31-99	1422	LSM	11-10-99	12-31-99	6.24	>1.65	0.947	0.056	0.990	0.026
QCCS	Fisher	9NFS30Z471	1095	EVB	01-10-00	12-30-00	1446	EVB	01-19-00	12-30-00	7.51	>1.65	0.947	0.056	0.958	0.014
Matrix Spike	Fisher	16-85AS	1066	LSM	11-10-99	12-31-99	1422	LSM	11-10-99	12-31-99	6.24	>1.65	0.947	0.056	0.990	0.026
Cobalt	Fisher	16-85AS	1066	LSM	11-10-99	12-31-99	1422	LSM	11-10-99	12-31-99	9.30	>1.69	1.01	0.039	0.985	0.027
QCCS	Fisher	9NFS30Z471	1095	EVB	01-10-00	12-30-00	1446	EVB	01-19-00	12-30-00	9.19	>1.69	1.01	0.039	1.00	0.053
Matrix Spike	Fisher	16-85AS	1066	LSM	11-10-99	12-31-99	1422	LSM	11-10-99	12-31-99	9.30	>1.69	1.01	0.039	0.985	0.027
Chromium	Fisher	16-85AS	1066	LSM	11-10-99	12-31-99	1422	LSM	11-10-99	12-31-99	7.12	>1.65	1.00	0.058	1.02	0.023
QCCS	Fisher	9NFS30Z471	1095	EVB	01-10-00	12-30-00	1446	EVB	01-19-00	12-30-00	7.63	>1.65	1.00	0.058	1.00	0.056
Matrix Spike	Fisher	16-85AS	1066	LSM	11-10-99	12-31-99	1422	LSM	11-10-99	12-31-99	7.12	>1.65	1.00	0.058	1.02	0.023
Copper	Fisher	16-85AS	1066	LSM	11-10-99	12-31-99	1422	LSM	11-10-99	12-31-99	9.35	>1.65	0.980	0.047	0.978	0.045
QCCS	Fisher	9NFS30Z471	1095	EVB	01-10-00	12-30-00	1446	EVB	01-19-00	12-30-00	8.95	>1.65	0.980	0.047	0.967	0.004
Matrix Spike	Fisher	16-85AS	1066	LSM	11-10-99	12-31-99	1422	LSM	11-10-99	12-31-99	9.35	>1.65	0.980	0.047	0.978	0.045
Nickel	Fisher	16-85AS	1066	LSM	11-10-99	12-31-99	1422	LSM	11-10-99	12-31-99	4.42	>1.65	0.972	0.091	0.992	0.010
QCCS	Fisher	9NFS30Z471	1095	EVB	01-10-00	12-30-00	1446	EVB	01-19-00	12-30-00	4.63	>1.65	0.972	0.091	0.983	0.046
Matrix Spike	Fisher	16-85AS	1066	LSM	11-10-99	12-31-99	1422	LSM	11-10-99	12-31-99	4.42	>1.65	0.972	0.091	0.992	0.010
Lead	Fisher	16-85AS	1066	FG	11-10-99	12-31-00	1422	EVB	11-10-99	11-10-00	5.28	>1.68	1.02	0.072	1.00	0.028
QCCS	Fisher	16-85AS	1066	FG	11-10-99	12-31-00	1422	EVB	11-10-99	11-10-00	5.28	>1.68	1.02	0.072	1.00	0.028
Matrix Spike	Fisher	16-85AS	1066	FG	11-10-99	12-31-00	1422	EVB	11-10-99	11-10-00	5.28	>1.68	1.02	0.072	1.00	0.028
Antimony	Fisher	16-85AS	1066	LSM	11-10-99	12-31-99	1422	LSM	11-10-99	12-31-99	2.78	>1.67	0.995	0.134	0.984	0.013
QCCS	Fisher	9NFS30Z471	1095	EVB	01-10-00	12-30-00	1446	EVB	01-19-00	12-30-00	2.65	>1.67	0.995	0.134	0.957	0.030



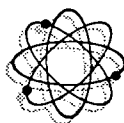
FLOWERS CHEMICAL LABORATORIES, INC.

QA Section 5

Standards Traceability

Client: Pasco Co. Utilities Env. Lab
Project Number: 111887
P.O. Number: 0
Date Sampled: 30-Dec-99
Lab Numbers: 7230 - 7235

Compound Name	Manufacturer Name	Manufacturer Lot #	Rec Lot #	Rec By	Date Recieved	Valid Until	Prep Lot #	Prep By	Date Prepared	Valid Until	t-test	t-test range	Contro Mean	Contro Std	Lot Mean	Lot Std
			Standard				Lot									
Matrix Spike	Fisher	16-85AS	1066	LSM	11-10-99	12-31-99	1422	LSM	11-10-99	12-31-99	2.78	>1.67	0.995	0.134	0.984	0.013
Selenium	Fisher	16-85AS	1066	LSM	11-10-99	12-31-99	1422	LSM	11-10-99	12-31-99	3.42	>1.66	0.993	0.114	0.997	0.024
QCCS	Fisher	9NFS30Z471	1095	EVb	01-10-00	12-30-00	1446	EVb	01-19-00	12-30-00	3.16	>1.66	0.993	0.114	0.955	0.011
Matrix Spike	Fisher	16-85AS	1066	LSM	11-10-99	12-31-99	1422	LSM	11-10-99	12-31-99	3.42	>1.66	0.993	0.114	0.997	0.024
Thallium	Fisher	16-85AS	1066	LSM	11-10-99	12-31-99	1422	LSM	11-10-99	12-31-99	2.46	>1.68	1.01	0.149	1.03	0.015
QCCS	Fisher	9NFS30Z471	1095	EVb	01-10-00	12-30-00	1446	EVb	01-19-00	12-30-00	2.28	>1.68	1.01	0.149	1.06	0.068
Matrix Spike	Fisher	16-85AS	1066	LSM	11-10-99	12-31-99	1422	LSM	11-10-99	12-31-99	2.46	>1.68	1.01	0.149	1.03	0.015
Vanadium	Fisher	16-85AS	1066	LSM	11-10-99	12-31-99	1422	LSM	11-10-99	12-31-99	7.62	>1.69	0.983	0.033	1.06	0.011
QCCS	Fisher	9NFS30Z471	1095	EVb	01-10-00	12-30-00	1446	EVb	01-19-00	12-30-00	10.9	>1.69	0.983	0.033	1.01	0.034
Matrix Spike	Fisher	16-85AS	1066	LSM	11-10-99	12-31-99	1422	LSM	11-10-99	12-31-99	7.62	>1.69	0.983	0.033	1.06	0.011
Zinc	Fisher	16-85AS	1066	LSM	11-10-99	12-31-99	1422	LSM	11-10-99	12-31-99			0.977	0.048	0.981	0.015
QCCS	Fisher	9NFS30Z471	1095	EVb	01-10-00	12-30-00	1446	EVb	01-19-00	12-30-00	7.34	>1.65	0.977	0.048	0.940	0.075
Matrix Spike	Fisher	16-85AS	1066	LSM	11-10-99	12-31-99	1422	LSM	11-10-99	12-31-99			0.977	0.048	0.981	0.015
Acetone																
QCCS	Ultra	M-0600	769	CLS	07-01-98	12-30-99	895	CLS	07-13-98	07-13-99	3.28	±1.97	0.978	0.089	1.15	0.361
Matrix Spike	Ultra	M-0600	769	CLS	07-01-98	12-30-99	895	CLS	07-13-98	07-13-99	3.28	±1.97	0.978	0.089	1.15	0.361
Benzene																
QCCS	Ultra	L-0029	767	CLS	07-01-98	01-30-99	895	CLS	07-13-98	07-13-99	9.27	>1.65	0.976	0.052	0.992	0.125
Matrix Spike	Ultra	L-0029	767	CLS	07-01-98	01-30-99	895	CLS	07-13-98	07-13-99	9.27	>1.65	0.976	0.052	0.992	0.125
Bromobenzene																
QCCS	Ultra	L-0029	767	CLS	07-01-98	01-30-99	895	CLS	07-13-98	07-13-99	8.84	>1.65	1.02	0.049	1.01	0.129
Matrix Spike	Ultra	L-0029	767	CLS	07-01-98	01-30-99	895	CLS	07-13-98	07-13-99	8.84	>1.65	1.02	0.049	1.01	0.129
Bromochloromethane																
QCCS	Ultra	L-0029	767	CLS	07-01-98	01-30-99	895	CLS	07-13-98	07-13-99	4.49	>1.65	1.05	0.103	0.957	0.150
Matrix Spike	Ultra	L-0029	767	CLS	07-01-98	01-30-99	895	CLS	07-13-98	07-13-99	4.49	>1.65	1.05	0.103	0.957	0.150
Bromodichloromethane																
QCCS	Ultra	L-0029	767	CLS	07-01-98	01-30-99	895	CLS	07-13-98	07-13-99	4.37	>1.66	0.947	0.054	0.964	0.137
Matrix Spike	Ultra	L-0029	767	CLS	07-01-98	01-30-99	895	CLS	07-13-98	07-13-99	4.37	>1.66	0.947	0.054	0.964	0.137
Bromoform																
QCCS	Ultra	L-0029	767	CLS	07-01-98	01-30-99	895	CLS	07-13-98	07-13-99	2.62	>1.65	1.02	0.061	0.946	0.160
Matrix Spike	Ultra	L-0029	767	CLS	07-01-98	01-30-99	895	CLS	07-13-98	07-13-99	2.62	>1.65	1.02	0.061	0.946	0.160
Bromomethane																
QCCS	Ultra	M-0195	768	CLS	07-01-98	12-30-99	895	CLS	07-13-98	07-13-99	2.74	>1.65	0.974	0.035	1.07	0.254



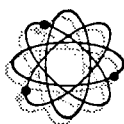
FLOWERS CHEMICAL LABORATORIES, INC.

QA Section 5

Standards Traceability

Client: Pasco Co. Utilities Env. Lab
Project Number: 111887
P.O. Number: 0
Date Sampled: 30-Dec-99
Lab Numbers: 7230 - 7235

Compound Name	Manufacturer Name	Manufacturer Lot #	Rec Lot #	Rec By	Date Recieved	Valid Until	Prep Lot #	Prep By	Date Prepared	Valid Until	t-test	t-test range	Contro Mean	Contro Std	Lot Mean	Lot Std
Standard						Lot										
Matrix Spike	Ultra	M-0195	768	CLS	07-01-98	12-30-99	895	CLS	07-13-98	07-13-99	2.74	>1.65	0.974	0.035	1.07	0.254
n-butylbenzene																
QCCS	Ultra	L-0029	767	CLS	07-01-98	01-30-99	895	CLS	07-13-98	07-13-99	7.11	>1.65	1.03	0.054	0.966	0.116
Matrix Spike	Ultra	L-0029	767	CLS	07-01-98	01-30-99	895	CLS	07-13-98	07-13-99	7.11	>1.65	1.03	0.054	0.966	0.116
sec-butylbenzene																
QCCS	Ultra	L-0029	767	CLS	07-01-98	01-30-99	895	CLS	07-13-98	07-13-99	7.69	>1.65	0.994	0.047	1.04	0.120
Matrix Spike	Ultra	L-0029	767	CLS	07-01-98	01-30-99	895	CLS	07-13-98	07-13-99	7.69	>1.65	0.994	0.047	1.04	0.120
tert-butylbenzene																
QCCS	Ultra	L-0029	767	CLS	07-01-98	01-30-99	895	CLS	07-13-98	07-13-99	7.75	>1.65	1.04	0.054	1.08	0.124
Matrix Spike	Ultra	L-0029	767	CLS	07-01-98	01-30-99	895	CLS	07-13-98	07-13-99	7.75	>1.65	1.04	0.054	1.08	0.124
Carbon disulfide																
QCCS	Ultra	M-0600	769	CLS	07-01-98	12-30-99	895	CLS	07-13-98	07-13-99	5.18	>1.65	1.00	0.056	0.986	0.246
Matrix Spike	Ultra	M-0600	769	CLS	07-01-98	12-30-99	895	CLS	07-13-98	07-13-99	5.18	>1.65	1.00	0.056	0.986	0.246
Carbon tetrachloride																
QCCS	Ultra	L-0029	767	CLS	07-01-98	01-30-99	895	CLS	07-13-98	07-13-99	2.87	>1.66	0.995	0.074	0.936	0.160
Matrix Spike	Ultra	L-0029	767	CLS	07-01-98	01-30-99	895	CLS	07-13-98	07-13-99	2.87	>1.66	0.995	0.074	0.936	0.160
Chlorobenzene																
QCCS	Ultra	L-0029	767	CLS	07-01-98	01-30-99	895	CLS	07-13-98	07-13-99	5.84	>1.66	1.00	0.052	1.00	0.115
Matrix Spike	Ultra	L-0029	767	CLS	07-01-98	01-30-99	895	CLS	07-13-98	07-13-99	5.84	>1.66	1.00	0.052	1.00	0.115
Chloroethane																
QCCS	Ultra	M-0195	768	CLS	07-01-98	12-30-99	895	CLS	07-13-98	07-13-99	2.09	>1.65	0.993	0.074	0.978	0.290
Matrix Spike	Ultra	M-0195	768	CLS	07-01-98	12-30-99	895	CLS	07-13-98	07-13-99	2.09	>1.65	0.993	0.074	0.978	0.290
Chloroform																
QCCS	Ultra	L-0029	767	CLS	07-01-98	01-30-99	895	CLS	07-13-98	07-13-99	1.85	±1.97	0.966	0.053	1.08	0.210
Matrix Spike	Ultra	L-0029	767	CLS	07-01-98	01-30-99	895	CLS	07-13-98	07-13-99	1.85	±1.97	0.966	0.053	1.08	0.210
Chloromethane																
QCCS	Ultra	M-0195	768	CLS	07-01-98	12-30-99	895	CLS	07-13-98	07-13-99	5.67	>1.65	0.954	0.079	0.960	0.228
Matrix Spike	Ultra	M-0195	768	CLS	07-01-98	12-30-99	895	CLS	07-13-98	07-13-99	5.67	>1.65	0.954	0.079	0.960	0.228
2-chlorotoluene																
QCCS	Ultra	L-0029	767	CLS	07-01-98	01-30-99	895	CLS	07-13-98	07-13-99	7.86	>1.65	1.02	0.056	1.05	0.131
Matrix Spike	Ultra	L-0029	767	CLS	07-01-98	01-30-99	895	CLS	07-13-98	07-13-99	7.86	>1.65	1.02	0.056	1.05	0.131
4-chlorotoluene																
QCCS	Ultra	L-0029	767	CLS	07-01-98	01-30-99	895	CLS	07-13-98	07-13-99	8.30	>1.65	1.01	0.054	1.00	0.137



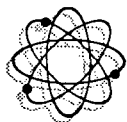
FLOWERS CHEMICAL LABORATORIES, INC.

QA Section 5

Standards Traceability

Client: Pasco Co. Utilities Env. Lab
Project Number: 111887
P.O. Number: 0
Date Sampled: 30-Dec-99
Lab Numbers: 7230 - 7235

Compound Name	Manufacturer Name	Manufacturer Lot #	Rec Lot #	Rec By	Date Recieved	Valid Until	Prep Lot #	Prep By	Date Prepared	Valid Until	t-test	t-test range	Contro Mean	Contro Std	Lot Mean	Lot Std
			Standard				Lot									
Matrix Spike	Ultra	L-0029	767	CLS	07-01-98	01-30-99	895	CLS	07-13-98	07-13-99	8.30	>1.65	1.01	0.054	1.00	0.137
Dibromochloromethane	Ultra	L-0029	767	CLS	07-01-98	01-30-99	895	CLS	07-13-98	07-13-99	4.48	>1.66	0.973	0.063	0.946	0.126
QCCS	Ultra	L-0029	767	CLS	07-01-98	01-30-99	895	CLS	07-13-98	07-13-99	4.48	>1.66	0.973	0.063	0.946	0.126
Matrix Spike	Ultra	L-0029	767	CLS	07-01-98	01-30-99	895	CLS	07-13-98	07-13-99	4.48	>1.66	0.973	0.063	0.946	0.126
1,2-dibromo-3-chloropropane	Ultra	L-0029	767	CLS	07-01-98	01-30-99	895	CLS	07-13-98	07-13-99	11.7	>1.65	0.989	0.103	0.964	0.246
QCCS	Ultra	L-0029	767	CLS	07-01-98	01-30-99	895	CLS	07-13-98	07-13-99	11.7	>1.65	0.989	0.103	0.964	0.246
Matrix Spike	Ultra	L-0029	767	CLS	07-01-98	01-30-99	895	CLS	07-13-98	07-13-99	11.7	>1.65	0.989	0.103	0.964	0.246
1,2-dibromoethane	Ultra	L-0029	767	CLS	07-01-98	01-30-99	895	CLS	07-13-98	07-13-99	6.43	>1.65	1.03	0.062	0.959	0.119
QCCS	Ultra	L-0029	767	CLS	07-01-98	01-30-99	895	CLS	07-13-98	07-13-99	6.43	>1.65	1.03	0.062	0.959	0.119
Matrix Spike	Ultra	L-0029	767	CLS	07-01-98	01-30-99	895	CLS	07-13-98	07-13-99	6.43	>1.65	1.03	0.062	0.959	0.119
Dibromomethane	Ultra	L-0029	767	CLS	07-01-98	01-30-99	895	CLS	07-13-98	07-13-99	4.98	>1.65	1.07	0.118	0.988	0.123
QCCS	Ultra	L-0029	767	CLS	07-01-98	01-30-99	895	CLS	07-13-98	07-13-99	4.98	>1.65	1.07	0.118	0.988	0.123
Matrix Spike	Ultra	L-0029	767	CLS	07-01-98	01-30-99	895	CLS	07-13-98	07-13-99	4.98	>1.65	1.07	0.118	0.988	0.123
o-dichlorobenzene	Ultra	L-0029	767	CLS	07-01-98	01-30-99	895	CLS	07-13-98	07-13-99	5.12	>1.66	1.03	0.068	1.01	0.121
QCCS	Ultra	L-0029	767	CLS	07-01-98	01-30-99	895	CLS	07-13-98	07-13-99	5.12	>1.66	1.03	0.068	1.01	0.121
Matrix Spike	Ultra	L-0029	767	CLS	07-01-98	01-30-99	895	CLS	07-13-98	07-13-99	5.12	>1.66	1.03	0.068	1.01	0.121
m-dichlorobenzene	Ultra	L-0029	767	CLS	07-01-98	01-30-99	895	CLS	07-13-98	07-13-99	5.70	>1.66	1.00	0.059	1.00	0.118
QCCS	Ultra	L-0029	767	CLS	07-01-98	01-30-99	895	CLS	07-13-98	07-13-99	5.70	>1.66	1.00	0.059	1.00	0.118
Matrix Spike	Ultra	L-0029	767	CLS	07-01-98	01-30-99	895	CLS	07-13-98	07-13-99	5.70	>1.66	1.00	0.059	1.00	0.118
Para-dichlorobenzene	Ultra	L-0029	767	CLS	07-01-98	01-30-99	895	CLS	07-13-98	07-13-99	4.61	>1.66	1.02	0.092	0.986	0.124
QCCS	Ultra	L-0029	767	CLS	07-01-98	01-30-99	895	CLS	07-13-98	07-13-99	4.61	>1.66	1.02	0.092	0.986	0.124
Matrix Spike	Ultra	L-0029	767	CLS	07-01-98	01-30-99	895	CLS	07-13-98	07-13-99	4.61	>1.66	1.02	0.092	0.986	0.124
Dichlorodifluoromethane	Ultra	M-0195	768	CLS	07-01-98	12-30-99	895	CLS	07-13-98	07-13-99	2.87	>1.65	1.01	0.082	0.910	0.238
QCCS	Ultra	M-0195	768	CLS	07-01-98	12-30-99	895	CLS	07-13-98	07-13-99	2.87	>1.65	1.01	0.082	0.910	0.238
Matrix Spike	Ultra	M-0195	768	CLS	07-01-98	12-30-99	895	CLS	07-13-98	07-13-99	2.87	>1.65	1.01	0.082	0.910	0.238
1,1-dichloroethane	Ultra	L-0029	767	CLS	07-01-98	01-30-99	895	CLS	07-13-98	07-13-99	14.4	>1.65	0.954	0.086	0.982	0.192
QCCS	Ultra	L-0029	767	CLS	07-01-98	01-30-99	895	CLS	07-13-98	07-13-99	14.4	>1.65	0.954	0.086	0.982	0.192
Matrix Spike	Ultra	L-0029	767	CLS	07-01-98	01-30-99	895	CLS	07-13-98	07-13-99	14.4	>1.65	0.954	0.086	0.982	0.192
1,2-dichloroethane	Ultra	L-0029	767	CLS	07-01-98	01-30-99	895	CLS	07-13-98	07-13-99	20.8	>1.65	0.978	0.083	0.978	0.130
QCCS	Ultra	L-0029	767	CLS	07-01-98	01-30-99	895	CLS	07-13-98	07-13-99	20.8	>1.65	0.978	0.083	0.978	0.130
Matrix Spike	Ultra	L-0029	767	CLS	07-01-98	01-30-99	895	CLS	07-13-98	07-13-99	20.8	>1.65	0.978	0.083	0.978	0.130
1,1-dichloroethene	Ultra	L-0029	767	CLS	07-01-98	01-30-99	895	CLS	07-13-98	07-13-99	7.93	>1.65	0.942	0.093	1.02	0.269
QCCS	Ultra	L-0029	767	CLS	07-01-98	01-30-99	895	CLS	07-13-98	07-13-99	7.93	>1.65	0.942	0.093	1.02	0.269



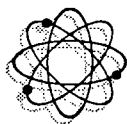
FLOWERS CHEMICAL LABORATORIES, INC.

QA Section 5

Standards Traceability

Client: Pasco Co. Utilities Env. Lab
Project Number: 111887
P.O. Number: 0
Date Sampled: 30-Dec-99
Lab Numbers: 7230 - 7235

Compound Name	Manufacturer Name	Manufacturer Lot #	Rec Lot #	Rec By	Date Recieved	Valid Until	Prep Lot #	Prep By	Date Prepared	Valid Until	t-test	t-test range	Contro Mean	Contro Std	Lot Mean	Lot Std
			Standard				Lot									
Matrix Spike	Ultra	L-0029	767	CLS	07-01-98	01-30-99	895	CLS	07-13-98	07-13-99	7.93	>1.65	0.942	0.093	1.02	0.269
cis-1,2-dichloroethene	Ultra	L-0029	767	CLS	07-01-98	01-30-99	895	CLS	07-13-98	07-13-99	5.81	>1.65	1.01	0.028	0.983	0.173
QCCS	Ultra	L-0029	767	CLS	07-01-98	01-30-99	895	CLS	07-13-98	07-13-99	5.81	>1.65	1.01	0.028	0.983	0.173
Matrix Spike	Ultra	L-0029	767	CLS	07-01-98	01-30-99	895	CLS	07-13-98	07-13-99						
t-1,2-dichloroethene	Ultra	L-0029	767	CLS	07-01-98	01-30-99	895	CLS	07-13-98	07-13-99						
QCCS	Ultra	L-0029	767	CLS	07-01-98	01-30-99	895	CLS	07-13-98	07-13-99						
Matrix Spike	Ultra	L-0029	767	CLS	07-01-98	01-30-99	895	CLS	07-13-98	07-13-99						
1,2-dichloroethene	Ultra	L-0029	767	CLS	07-01-98	12-30-99	895	CLS	07-13-98	07-13-99	4.26	>1.65	1.05	0.210	0.978	0.166
QCCS	Ultra	L-0029	767	CLS	07-01-98	12-30-99	895	CLS	07-13-98	07-13-99	4.26	>1.65	1.05	0.210	0.978	0.166
Matrix Spike	Ultra	L-0029	767	CLS	07-01-98	12-30-99	895	CLS	07-13-98	07-13-99						
1,2-dichloropropane	Ultra	L-0029	767	CLS	07-01-98	01-30-99	895	CLS	07-13-98	07-13-99	7.87	>1.65	1.02	0.096	0.977	0.120
QCCS	Ultra	L-0029	767	CLS	07-01-98	01-30-99	895	CLS	07-13-98	07-13-99	7.87	>1.65	1.02	0.096	0.977	0.120
Matrix Spike	Ultra	L-0029	767	CLS	07-01-98	01-30-99	895	CLS	07-13-98	07-13-99						
1,3-dichloropropane	Ultra	L-0029	767	CLS	07-01-98	01-30-99	895	CLS	07-13-98	07-13-99	8.84	>1.65	0.996	0.097	0.987	0.119
QCCS	Ultra	L-0029	767	CLS	07-01-98	01-30-99	895	CLS	07-13-98	07-13-99	8.84	>1.65	0.996	0.097	0.987	0.119
Matrix Spike	Ultra	L-0029	767	CLS	07-01-98	01-30-99	895	CLS	07-13-98	07-13-99						
2,2-dichloropropane	Ultra	L-0029	767	CLS	07-01-98	01-30-99	895	CLS	07-13-98	07-13-99	5.65	±1.97	1.04	0.168	0.964	0.085
QCCS	Ultra	L-0029	767	CLS	07-01-98	01-30-99	895	CLS	07-13-98	07-13-99	5.65	±1.97	1.04	0.168	0.964	0.085
Matrix Spike	Ultra	L-0029	767	CLS	07-01-98	01-30-99	895	CLS	07-13-98	07-13-99						
1,1-dichloropropene	Ultra	L-0029	767	CLS	07-01-98	01-30-99	895	CLS	07-13-98	07-13-99	5.09	>1.65	1.02	0.043	0.930	0.131
QCCS	Ultra	L-0029	767	CLS	07-01-98	01-30-99	895	CLS	07-13-98	07-13-99	5.09	>1.65	1.02	0.043	0.930	0.131
Matrix Spike	Ultra	L-0029	767	CLS	07-01-98	01-30-99	895	CLS	07-13-98	07-13-99						
cis-1,3-dichloropropene	Ultra	L-0029	767	CLS	07-01-98	01-30-99	895	CLS	07-13-98	07-13-99	4.84	>1.66	0.977	0.063	0.952	0.118
QCCS	Ultra	L-0029	767	CLS	07-01-98	01-30-99	895	CLS	07-13-98	07-13-99	4.84	>1.66	0.977	0.063	0.952	0.118
Matrix Spike	Ultra	L-0029	767	CLS	07-01-98	01-30-99	895	CLS	07-13-98	07-13-99						
trans-1,3-dichloropropene	Ultra	L-0029	767	CLS	07-01-98	01-30-99	895	CLS	07-13-98	07-13-99	3.90	>1.66	0.962	0.049	0.939	0.149
QCCS	Ultra	L-0029	767	CLS	07-01-98	01-30-99	895	CLS	07-13-98	07-13-99	3.90	>1.66	0.962	0.049	0.939	0.149
Matrix Spike	Ultra	L-0029	767	CLS	07-01-98	01-30-99	895	CLS	07-13-98	07-13-99						
Ethylbenzene	Ultra	L-0029	767	CLS	07-01-98	01-30-99	895	CLS	07-13-98	07-13-99	9.85	>1.65	0.975	0.047	1.00	0.111
QCCS	Ultra	L-0029	767	CLS	07-01-98	01-30-99	895	CLS	07-13-98	07-13-99	9.85	>1.65	0.975	0.047	1.00	0.111
Matrix Spike	Ultra	L-0029	767	CLS	07-01-98	01-30-99	895	CLS	07-13-98	07-13-99						
Hexachlorobutadiene	Ultra	L-0029	767	CLS	07-01-98	01-30-99	895	CLS	07-13-98	07-13-99	5.83	±1.97	0.736	0.125	0.984	0.198
QCCS	Ultra	L-0029	767	CLS	07-01-98	01-30-99	895	CLS	07-13-98	07-13-99						



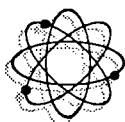
FLOWERS CHEMICAL LABORATORIES, INC.

QA Section 5

Standards Traceability

Client: Pasco Co. Utilities Env. Lab
Project Number: 111887
P.O. Number: 0
Date Sampled: 30-Dec-99
Lab Numbers: 7230 - 7235

Compound Name	Manufacturer Name	Manufacturer Lot #	Rec Lot #	Rec By	Date Recieved	Valid Until	Prep Lot #	Prep By	Date Prepared	Valid Until	t-test	t-test range	Contro Mean	Contro Std	Lot Mean	Lot Std
Standard							Lot									
Matrix Spike	Ultra	L-0029	767	CLS	07-01-98	01-30-99	895	CLS	07-13-98	07-13-99	5.83	±1.97	0.736	0.125	0.984	0.198
2-Hexanone																
QCCS	Ultra	M-0600	769	CLS	07-01-98	12-30-99	895	CLS	07-13-98	07-13-99	2.93	>1.65	1.03	0.095	0.917	0.186
Matrix Spike	Ultra	M-0600	769	CLS	07-01-98	12-30-99	895	CLS	07-13-98	07-13-99	2.93	>1.65	1.03	0.095	0.917	0.186
Isopropylbenzene																
QCCS	Ultra	L-0029	767	CLS	07-01-98	01-30-99	895	CLS	07-13-98	07-13-99						
Matrix Spike	Ultra	L-0029	767	CLS	07-01-98	01-30-99	895	CLS	07-13-98	07-13-99						
4-isopropyltoluene																
QCCS	Ultra	L-0029	767	CLS	07-01-98	01-30-99	895	CLS	07-13-98	07-13-99	9.83	>1.65	1.01	0.040	1.02	0.114
Matrix Spike	Ultra	L-0029	767	CLS	07-01-98	01-30-99	895	CLS	07-13-98	07-13-99	9.83	>1.65	1.01	0.040	1.02	0.114
Methylene chloride																
QCCS	Ultra	L-0029	767	CLS	07-01-98	01-30-99	895	CLS	07-13-98	07-13-99						
Matrix Spike	Ultra	L-0029	767	CLS	07-01-98	01-30-99	895	CLS	07-13-98	07-13-99						
Methyl-tert-butylether																
QCCS	Ultra	M-0600	769	CLS	07-01-98	12-30-99	895	CLS	07-13-98	07-13-99	4.24	>1.65	0.951	0.066	0.980	0.191
Matrix Spike	Ultra	M-0600	769	CLS	07-01-98	12-30-99	895	CLS	07-13-98	07-13-99	4.24	>1.65	0.951	0.066	0.980	0.191
2-butanone																
QCCS	Ultra	M-0600	769	CLS	07-01-98	12-30-99	895	CLS	07-13-98	07-13-99	-1.90	±1.97	1.01	0.167	0.883	0.430
Matrix Spike	Ultra	M-0600	769	CLS	07-01-98	12-30-99	895	CLS	07-13-98	07-13-99	-1.90	±1.97	1.01	0.167	0.883	0.430
Methyl iodide																
QCCS	Ultra	M-0600	769	CLS	07-01-98	12-30-99	895	CLS	07-13-98	07-13-99	5.75	>1.65	1.00	0.051	1.03	0.202
Matrix Spike	Ultra	M-0600	769	CLS	07-01-98	12-30-99	895	CLS	07-13-98	07-13-99	5.75	>1.65	1.00	0.051	1.03	0.202
4-methyl-2-pentanone																
QCCS	Ultra	M-0600	769	CLS	07-01-98	12-30-99	895	CLS	07-13-98	07-13-99	3.46	>1.65	0.975	0.066	0.907	0.263
Matrix Spike	Ultra	M-0600	769	CLS	07-01-98	12-30-99	895	CLS	07-13-98	07-13-99	3.46	>1.65	0.975	0.066	0.907	0.263
Naphthalene																
QCCS	Ultra	L-0029	767	CLS	07-01-98	01-30-99	895	CLS	07-13-98	07-13-99	7.82	±1.97	0.681	0.091	0.815	0.040
Matrix Spike	Ultra	L-0029	767	CLS	07-01-98	01-30-99	895	CLS	07-13-98	07-13-99	7.82	±1.97	0.681	0.091	0.815	0.040
Propylbenzene																
QCCS	Ultra	L-0029	767	CLS	07-01-98	01-30-99	895	CLS	07-13-98	07-13-99	8.97	>1.65	1.03	0.054	1.03	0.126
Matrix Spike	Ultra	L-0029	767	CLS	07-01-98	01-30-99	895	CLS	07-13-98	07-13-99	8.97	>1.65	1.03	0.054	1.03	0.126
Styrene																
QCCS	Ultra	L-0029	767	CLS	07-01-98	01-30-99	895	CLS	07-13-98	07-13-99	3.46	>1.65	0.982	0.026	1.08	0.210



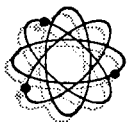
FLOWERS CHEMICAL LABORATORIES, INC.

QA Section 5

Standards Traceability

Client: Pasco Co. Utilities Env. Lab
Project Number: 111887
P.O. Number: 0
Date Sampled: 30-Dec-99
Lab Numbers: 7230 - 7235

Compound Name	Manufacturer Name	Manufacturer Lot #	Rec Lot #	Rec By	Date Recieved	Valid Until	Prep Lot #	Prep By	Date Prepared	Valid Until	t-test	t-test range	Contro Mean	Contro Std	Lot Mean	Lot Std
			Standard				Lot									
Matrix Spike	Ultra	L-0029	767	CLS	07-01-98	01-30-99	895	CLS	07-13-98	07-13-99	3.46	>1.65	0.982	0.026	1.08	0.210
1,1,1,2-tetrachloroethane	Ultra	L-0029	767	CLS	07-01-98	01-30-99	895	CLS	07-13-98	07-13-99	7.61	>1.65	1.02	0.054	0.969	0.115
QCCS	Ultra	L-0029	767	CLS	07-01-98	01-30-99	895	CLS	07-13-98	07-13-99	7.61	>1.65	1.02	0.054	0.969	0.115
Matrix Spike	Ultra	L-0029	767	CLS	07-01-98	01-30-99	895	CLS	07-13-98	07-13-99	7.61	>1.65	1.02	0.054	0.969	0.115
1,1,1,2,2-tetrachloroethane	Ultra	L-0029	767	CLS	07-01-98	12-30-99	895	CLS	07-13-98	07-13-99	7.99	>1.65	0.996	0.110	0.999	0.160
QCCS	Ultra	L-0029	767	CLS	07-01-98	12-30-99	895	CLS	07-13-98	07-13-99	7.99	>1.65	0.996	0.110	0.999	0.160
Matrix Spike	Ultra	L-0029	767	CLS	07-01-98	12-30-99	895	CLS	07-13-98	07-13-99	7.99	>1.65	0.996	0.110	0.999	0.160
Tetrachloroethene	Ultra	L-0029	767	CLS	07-01-98	12-30-99	895	CLS	07-13-98	07-13-99	2.92	>1.65	0.949	0.045	0.944	0.220
QCCS	Ultra	L-0029	767	CLS	07-01-98	12-30-99	895	CLS	07-13-98	07-13-99	2.92	>1.65	0.949	0.045	0.944	0.220
Matrix Spike	Ultra	L-0029	767	CLS	07-01-98	12-30-99	895	CLS	07-13-98	07-13-99	2.92	>1.65	0.949	0.045	0.944	0.220
Toluene	Ultra	L-0029	767	CLS	07-01-98	12-30-99	895	CLS	07-13-98	07-13-99	9.11	>1.65	0.986	0.067	1.01	0.117
QCCS	Ultra	L-0029	767	CLS	07-01-98	12-30-99	895	CLS	07-13-98	07-13-99	9.11	>1.65	0.986	0.067	1.01	0.117
Matrix Spike	Ultra	L-0029	767	CLS	07-01-98	12-30-99	895	CLS	07-13-98	07-13-99	9.11	>1.65	0.986	0.067	1.01	0.117
1,2,3-trichlorobenzene	Ultra	L-0029	767	CLS	07-01-98	12-30-99	895	CLS	07-13-98	07-13-99	2.82	>1.65	1.02	0.064	0.949	0.277
QCCS	Ultra	L-0029	767	CLS	07-01-98	12-30-99	895	CLS	07-13-98	07-13-99	2.82	>1.65	1.02	0.064	0.949	0.277
Matrix Spike	Ultra	L-0029	767	CLS	07-01-98	12-30-99	895	CLS	07-13-98	07-13-99	2.82	>1.65	1.02	0.064	0.949	0.277
1,2,4-trichlorobenzene	Ultra	L-0029	767	CLS	07-01-98	12-30-99	895	CLS	07-13-98	07-13-99	3.03	±1.97	0.748	0.113	0.784	0.057
QCCS	Ultra	L-0029	767	CLS	07-01-98	12-30-99	895	CLS	07-13-98	07-13-99	3.03	±1.97	0.748	0.113	0.784	0.057
Matrix Spike	Ultra	L-0029	767	CLS	07-01-98	12-30-99	895	CLS	07-13-98	07-13-99	3.03	±1.97	0.748	0.113	0.784	0.057
1,1,1-trichloroethane	Ultra	L-0029	767	CLS	07-01-98	12-30-99	895	CLS	07-13-98	07-13-99	17.2	>1.65	0.979	0.079	0.944	0.143
QCCS	Ultra	L-0029	767	CLS	07-01-98	12-30-99	895	CLS	07-13-98	07-13-99	17.2	>1.65	0.979	0.079	0.944	0.143
Matrix Spike	Ultra	L-0029	767	CLS	07-01-98	12-30-99	895	CLS	07-13-98	07-13-99	17.2	>1.65	0.979	0.079	0.944	0.143
1,1,2-trichloroethane	Ultra	L-0029	767	CLS	07-01-98	12-30-99	895	CLS	07-13-98	07-13-99	5.48	>1.65	0.992	0.418	0.986	0.122
QCCS	Ultra	L-0029	767	CLS	07-01-98	12-30-99	895	CLS	07-13-98	07-13-99	5.48	>1.65	0.992	0.418	0.986	0.122
Matrix Spike	Ultra	L-0029	767	CLS	07-01-98	12-30-99	895	CLS	07-13-98	07-13-99	5.48	>1.65	0.992	0.418	0.986	0.122
Trichloroethene	Ultra	L-0029	767	CLS	07-01-98	12-30-99	895	CLS	07-13-98	07-13-99	3.50	±1.98	0.974	0.056	1.16	0.178
QCCS	Ultra	L-0029	767	CLS	07-01-98	12-30-99	895	CLS	07-13-98	07-13-99	3.50	±1.98	0.974	0.056	1.16	0.178
Matrix Spike	Ultra	L-0029	767	CLS	07-01-98	12-30-99	895	CLS	07-13-98	07-13-99	3.50	±1.98	0.974	0.056	1.16	0.178
Trichlorofluoromethane	Ultra	M-0195	768	CLS	07-01-98	12-30-99	895	CLS	07-13-98	07-13-99	1.59	±1.97	0.931	0.131	1.04	0.225
QCCS	Ultra	M-0195	768	CLS	07-01-98	12-30-99	895	CLS	07-13-98	07-13-99	1.59	±1.97	0.931	0.131	1.04	0.225
Matrix Spike	Ultra	M-0195	768	CLS	07-01-98	12-30-99	895	CLS	07-13-98	07-13-99	1.59	±1.97	0.931	0.131	1.04	0.225
1,2,3-trichloropropane	Ultra	L-0029	767	CLS	07-01-98	12-30-99	895	CLS	07-13-98	07-13-99	-1.85	±1.97	1.24	1.43	1.02	0.187
QCCS	Ultra	L-0029	767	CLS	07-01-98	12-30-99	895	CLS	07-13-98	07-13-99	-1.85	±1.97	1.24	1.43	1.02	0.187



FLOWERS CHEMICAL LABORATORIES, INC.

QA Section 5

Standards Traceability

Client: Pasco Co. Utilities Env. Lab
Project Number: 111887
P.O. Number: 0
Date Sampled: 30-Dec-99
Lab Numbers: 7230 - 7235

Compound Name	Manufacturer Name	Manufacturer Lot #	Rec Lot #	Rec By	Date Recieved	Valid Until	Prep Lot #	Prep By	Date Prepared	Valid Until	t-test	t-test range	Contro Mean	Contro Std	Lot Mean	Lot Std
Standard							Lot									
Matrix Spike	Ultra	L-0029	767	CLS	07-01-98	12-30-99	895	CLS	07-13-98	07-13-99	-1.85	±1.97	1.24	1.43	1.02	0.187
1,2,4-trimethylbenzene	Ultra	L-0029	767	CLS	07-01-98	12-30-99	895	CLS	07-13-98	07-13-99	8.54	>1.65	1.01	0.025	1.03	0.125
QCCS	Ultra	L-0029	767	CLS	07-01-98	12-30-99	895	CLS	07-13-98	07-13-99	8.54	>1.65	1.01	0.025	1.03	0.125
Matrix Spike	Ultra	L-0029	767	CLS	07-01-98	12-30-99	895	CLS	07-13-98	07-13-99	8.80	>1.65	1.02	0.030	1.04	0.124
1,3,5-trimethylbenzene	Ultra	L-0029	767	CLS	07-01-98	12-30-99	895	CLS	07-13-98	07-13-99	8.80	>1.65	1.02	0.030	1.04	0.124
QCCS	Ultra	L-0029	767	CLS	07-01-98	12-30-99	895	CLS	07-13-98	07-13-99	8.80	>1.65	1.02	0.030	1.04	0.124
Matrix Spike	Ultra	L-0029	767	CLS	07-01-98	12-30-99	895	CLS	07-13-98	07-13-99	8.80	>1.65	1.02	0.030	1.04	0.124
Vinyl acetate	Ultra	M-0600	769	CLS	07-01-98	12-30-99	895	CLS	07-13-98	07-13-99						
QCCS	Ultra	M-0600	769	CLS	07-01-98	12-30-99	895	CLS	07-13-98	07-13-99						
Matrix Spike	Ultra	M-0600	769	CLS	07-01-98	12-30-99	895	CLS	07-13-98	07-13-99						
Vinyl chloride	Ultra	M-0195	768	CLS	07-01-98	12-30-99	895	CLS	07-13-98	07-13-99						
QCCS	Ultra	M-0195	768	CLS	07-01-98	12-30-99	895	CLS	07-13-98	07-13-99						
Matrix Spike	Ultra	M-0195	768	CLS	07-01-98	12-30-99	895	CLS	07-13-98	07-13-99						
M&P-Xylene	Ultra	L-0029	767	CLS	07-01-98	12-30-99	895	CLS	07-13-98	07-13-99	9.85	>1.65	1.00	0.032	0.995	0.118
QCCS	Ultra	L-0029	767	CLS	07-01-98	12-30-99	895	CLS	07-13-98	07-13-99	9.85	>1.65	1.00	0.032	0.995	0.118
Matrix Spike	Ultra	L-0029	767	CLS	07-01-98	12-30-99	895	CLS	07-13-98	07-13-99	9.85	>1.65	1.00	0.032	0.995	0.118
EPA6020 Blank	Flowers Chemical Laboratorie	Valid	34	JSF	01-01-95	12-31-99	14	JSF	01-01-95	01-01-97						
EPA8260 Blank	Flowers Chemical Laboratorie	Valid	34	JSF	01-01-95	12-31-99	14	JSF	01-01-95	01-01-97						
Surrogate Spike1	EMS	095-017	289	FG	10-05-95	12-30-99	268	FG	10-05-95	10-05-96			1.00	0.097		
Surrogate Spike2	EMS	095-017	289	FG	10-05-95	12-30-99	268	FG	10-05-95	10-05-96			1.00	0.045		
Surrogate Spike3	EMS	095-017	289	FG	10-05-95	12-30-99	268	FG	10-05-95	10-05-96			0.982	0.061		



PASCO COUNTY, FLORIDA

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

DHRS # 44237, E44123
CompQAP # 870167G

REPORT OF ANALYSES

RESOURCE RECOVERY
14230 HAYS ROAD
SPRING HILL, FL 34610-
Attn: VINCENT MANNELLA

PROJECT NAME: RES REC GWM Q-I
DATE: 03/08/00

SAMPLE NUMBER- 89149 SAMPLE ID- 4MW-1
DATE SAMPLED- 02/23/00
DATE RECEIVED- 02/23/00 SAMPLER- CHRIS CHILDRESS
TIME RECEIVED- 1520 DELIVERED BY- CHRIS CHILDRESS

SAMPLE MATRIX- WW
TIME SAMPLED- 0845
RECEIVED BY- TER
TYPE SAMPLE- Pumped

Page 1 of 7

ANALYSIS	METHOD	SAMPLE PREP DATE	BY	ANALYSIS DATE	TIME	BY	RESULT	UNITS	DQ
WATER LEVEL	FIELD			02/23/00	0845	CSC	29.69	FEET	
FIELD PH	SM4500-H+B			02/23/00	0845	CSC	7.02	STD. UNITS	
FIELD TEMPERATURE	SM2550B			02/23/00	0845	CSC	23.00	DEGREES C	
FIELD CONDUCTIVITY	SM2510B			02/23/00	0845	CSC	1080	umhos/cm	
DISSOLVED OXYGEN, FIELD	SM4500-O G			02/23/00	0845	CSC	1.00	mg/L	
FIELD TURBIDITY	SM 2130 B			02/23/00	0845	CSC	0.0	NTU	
STATIC WATER LEVEL	FIELD			02/23/00	0845	CSC	20.65	FT TO WL	
COLOR BY OBSERVATION	VISUAL			02/23/00	0845	CSC	CLEAR		
CHLORIDE	SM4500CL E			02/28/00	1400	JKH	257	mg/L	
COLOR	SM 2120B			02/23/00	1530	JKH	5	PCU	
AMMONIA NITROGEN	SM4500NH3H			02/24/00	1400	IF	<0.03	mg/L	
NITRATE	SM4500NO3F			02/25/00	1400	IF	0.46	mg/L	
TOTAL DISS.SOLIDS	SM2540C			02/25/00	0800	JKH	980	mg/L	
IRON, TOTAL	SM3113B	02/23/00	TER	02/25/00	1015	TER	0.03	mg/L	
MERCURY, TOTAL	SM3112B			02/29/00	1045	TER	<0.0002	mg/L	
SODIUM, TOTAL	SM3111B	02/23/00	TER	02/25/00	0930	TER	80.7	mg/L	

LABORATORY DIRECTOR

Candice E. Pulcher



PASCO COUNTY, FLORIDA

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DHRS # 44237, E44123
CompQAP # 870167G

REPORT OF ANALYSES

RESOURCE RECOVERY
14230 HAYS ROAD
SPRING HILL, FL 34610-
Attn: VINCENT MANNELLA

PROJECT NAME: RES REC. GWM Q-1
DATE: 03/08/00

SAMPLE NUMBER- 89150 SAMPLE ID- 2MW-2
DATE SAMPLED- 02/23/00
DATE RECEIVED- 02/23/00 SAMPLER- CHRIS CHILDRESS
TIME RECEIVED- 1520 DELIVERED BY- CHRIS CHILDRESS

SAMPLE MATRIX- WW
TIME SAMPLED- 0930
RECEIVED BY- TER
TYPE SAMPLE- Pumped

Page 2 of 7

ANALYSIS	METHOD	SAMPLE PREP DATE	BY	ANALYSIS DATE	TIME	BY	RESULT	UNITS	DQ
WATER LEVEL	FIELD			02/23/00	0930	CSC	31.01	FEET	
FIELD PH	SM4500-H+B			02/23/00	0930	CSC	6.15	STD. UNITS	
FIELD TEMPERATURE	SM2550B			02/23/00	0930	CSC	23.10	DEGREES C	
FIELD CONDUCTIVITY	SM2510B			02/23/00	0930	CSC	86	umhos/cm	
DISSOLVED OXYGEN, FIELD	SM4500-O G			02/23/00	0930	CSC	4.00	mg/L	
FIELD TURBIDITY	SM 2130 B			02/23/00	0930	CSC	0.0	NTU	
STATIC WATER LEVEL	FIELD			02/23/00	0930	CSC	25.40	FT TO WL	
COLOR BY OBSERVATION	VISUAL			02/23/00	0930	CSC	CLEAR		
CHLORIDE	SM4500CL E			02/28/00	1400	JKH	3.12	mg/L	
COLOR	SM 2120B			02/23/00	1530	JKH	8	PCU	
AMMONIA NITROGEN	SM4500NH3H			02/24/00	1400	IF	0.07	mg/L	
NITRATE	SM4500NO3F			02/25/00	1400	IF	8.07	mg/L	
TOTAL DISS.SOLIDS	SM2540C			02/25/00	0800	JKH	142	mg/L	
IRON, TOTAL	SM3113B	02/23/00	TER	02/25/00	1015	TER	0.03	mg/L	
MERCURY, TOTAL	SM3112B			02/29/00	1045	TER	0.0005	mg/L	
SODIUM, TOTAL	SM3111B	02/23/00	TER	02/25/00	0930	TER	2.70	mg/L	

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DHRS # 44237, E44123
CompQAP # 870167G

REPORT OF ANALYSES

RESOURCE RECOVERY
14230 HAYS ROAD
SPRING HILL, FL 34610-
Attn: VINCENT MANNELLA

PROJECT NAME: RES REC GWM Q-I
DATE: 03/08/00

SAMPLE NUMBER- 89151 SAMPLE ID- 4MW-2
DATE SAMPLED- 02/23/00
DATE RECEIVED- 02/23/00 SAMPLER- CHRIS CHILDRESS
TIME RECEIVED- 1520 DELIVERED BY- CHRIS CHILDRESS

SAMPLE MATRIX- WW
TIME SAMPLED- 1050
RECEIVED BY- TER
TYPE SAMPLE- Pumped

Page 3 of 7

ANALYSIS	METHOD	SAMPLE PREP DATE	BY	ANALYSIS DATE	TIME	BY	RESULT	UNITS	DQ
WATER LEVEL	FIELD			02/23/00	1050	CSC	30.26	FEET	
FIELD PH	SM4500-H+B			02/23/00	1050	CSC	7.75	STD. UNITS	
FIELD TEMPERATURE	SM2550B			02/23/00	1050	CSC	23.20	DEGREES C	
FIELD CONDUCTIVITY	SM2510B			02/23/00	1050	CSC	167	umhos/cm	
DISSOLVED OXYGEN, FIELD	SM4500-O G			02/23/00	1050	CSC	1.36	mg/L	
FIELD TURBIDITY	SM 2130 B			02/23/00	1050	CSC	0.0	NTU	
STATIC WATER LEVEL	FIELD			02/23/00	1050	CSC	25.85	FT TO WL	
COLOR BY OBSERVATION	VISUAL			02/23/00	1050	CSC	CLEAR		
CHLORIDE	SM4500CL E			02/28/00	1400	JKH	3.15	mg/L	
COLOR	SM 2120B			02/23/00	1530	JKH	5	PCU	
AMMONIA NITROGEN	SM4500NH3H			02/24/00	1400	IF	0.21	mg/L	
NITRATE	SM4500NO3F			02/25/00	1400	IF	2.07	mg/L	
TOTAL DISS.SOLIDS	SM2540C			02/25/00	0800	JKH	101	mg/L	
IRON, TOTAL	SM3113B	02/23/00	TER	02/25/00	1015	TER	0.02	mg/L	
MERCURY, TOTAL	SM3112B			02/29/00	1045	TER	<0.0002	mg/L	
SODIUM, TOTAL	SM3111B	02/23/00	TER	02/25/00	0930	TER	2.80	mg/L	

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DHRS # 44237, E44123
CompQAP # 870167G

REPORT OF ANALYSES

RESOURCE RECOVERY
14230 HAYS ROAD
SPRING HILL, FL 34610-
Attn: VINCENT MANNELLA

PROJECT NAME: RES REC GWM Q-I
DATE: 03/08/00

SAMPLE NUMBER- 89152 SAMPLE ID- 4MW-4
DATE SAMPLED- 02/23/00
DATE RECEIVED- 02/23/00 SAMPLER- CHRIS CHILDRESS
TIME RECEIVED- 1520 DELIVERED BY- CHRIS CHILDRESS

SAMPLE MATRIX- WW
TIME SAMPLED- 1215
RECEIVED BY- TER
TYPE SAMPLE- Pumped

Page 4 of 7

ANALYSIS	METHOD	SAMPLE PREP DATE	BY	ANALYSIS DATE	TIME	BY	RESULT	UNITS	DQ
WATER LEVEL	FIELD			02/23/00	1215	CSC	23.06	FEET	
FIELD PH	SM4500-H+B			02/23/00	1215	CSC	7.37	STD. UNITS	
FIELD TEMPERATURE	SM2550B			02/23/00	1215	CSC	24.00	DEGREES C	
FIELD CONDUCTIVITY	SM2510B			02/23/00	1215	CSC	290	umhos/cm	
DISSOLVED OXYGEN, FIELD	SM4500-O G			02/23/00	1215	CSC	2.00	mg/L	
FIELD TURBIDITY	SM 2130 B			02/23/00	1215	CSC	0.0	NTU	
STATIC WATER LEVEL	FIELD			02/23/00	1215	CSC	27.75	FT TO WL	
COLOR BY OBSERVATION	VISUAL			02/23/00	1215	CSC	CLEAR		
CHLORIDE	SM4500CL E			02/28/00	1400	JKH	11.2	mg/L	
COLOR	SM 2120B			02/23/00	1530	JKH	10	PCU	
AMMONIA NITROGEN	SM4500NH3H			02/24/00	1400	IF	<0.03	mg/L	
NITRATE	SM4500NO3F			02/25/00	1400	IF	0.49	mg/L	
TOTAL DISS.SOLIDS	SM2540C			02/25/00	0800	JKH	144	mg/L	
IRON, TOTAL	SM3113B	02/23/00	TER	02/25/00	1015	TER	0.03	mg/L	
MERCURY, TOTAL	SM3112B			02/29/00	1045	TER	<0.0002	mg/L	
SODIUM, TOTAL	SM3111B	02/23/00	TER	02/25/00	0930	TER	3.35	mg/L	

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DHRS # 44237, E44123
CompQAP # 870167G

REPORT OF ANALYSES

RESOURCE RECOVERY
14230 HAYS ROAD
SPRING HILL, FL 34610-
Attn: VINCENT MANNELLA

PROJECT NAME: RES REC GWM Q-I
DATE: 03/08/00

SAMPLE NUMBER- 89153 SAMPLE ID- 4MW-5
DATE SAMPLED- 02/23/00
DATE RECEIVED- 02/23/00 SAMPLER- CHRIS CHILDRESS
TIME RECEIVED- 1520 DELIVERED BY- CHRIS CHILDRESS

SAMPLE MATRIX- WW
TIME SAMPLED- 1420
RECEIVED BY- TER
TYPE SAMPLE- Pumped

Page 5 of 7

ANALYSIS	METHOD	SAMPLE PREP DATE	BY	ANALYSIS DATE	TIME	BY	RESULT	UNITS	DQ
WATER LEVEL	FIELD			02/23/00	1420	CSC	23.81	FEET	
FIELD PH	SM4500-H+B			02/23/00	1420	CSC	7.31	STD. UNITS	
FIELD TEMPERATURE	SM2550B			02/23/00	1420	CSC	24.00	DEGREES C	
FIELD CONDUCTIVITY	SM2510B			02/23/00	1420	CSC	506	umhos/cm	
DISSOLVED OXYGEN, FIELD	SM4500-O G			02/23/00	1420	CSC	1.70	mg/L	
FIELD TURBIDITY	SM 2130 B			02/23/00	1420	CSC	0.0	NTU	
STATIC WATER LEVEL	FIELD			02/23/00	1420	CSC	25.25	FT TO WL	
COLOR BY OBSERVATION	VISUAL			02/23/00	1420	CSC	CLEAR		
CHLORIDE	SM4500CL E			02/28/00	1400	JKH	86.8	mg/L	
COLOR	SM 2120B			02/23/00	1530	JKH	8	PCU	
AMMONIA NITROGEN	SM4500NH3H			02/24/00	1400	IF	0.05	mg/L	
NITRATE	SM4500NO3F			02/25/00	1400	IF	1.23	mg/L	
TOTAL DISS.SOLIDS	SM2540C			02/25/00	0800	JKH	482	mg/L	
IRON, TOTAL	SM3113B	02/23/00	TER	02/25/00	1015	TER	0.02	mg/L	
MERCURY, TOTAL	SM3112B			02/29/00	1045	TER	0.0002	mg/L	
SODIUM, TOTAL	SM3111B	02/23/00	TER	02/25/00	0930	TER	13.7	mg/L	

LABORATORY DIRECTOR



PASCO COUNTY, FLORIDA

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

DHRS # 44237, E44123
CompQAP # 870167G

REPORT OF ANALYSES

RESOURCE RECOVERY
14230 HAYS ROAD
SPRING HILL, FL 34610-
Attn: VINCENT MANNELLA

PROJECT NAME: RES REC GWM Q-I
DATE: 03/08/00

SAMPLE NUMBER- 89154 SAMPLE ID- 4MW-5(DUPL)
DATE SAMPLED- 02/23/00
DATE RECEIVED- 02/23/00 SAMPLER- CHRIS CHILDRESS
TIME RECEIVED- 1520 DELIVERED BY- CHRIS CHILDRESS

SAMPLE MATRIX- WW
TIME SAMPLED- 1420
RECEIVED BY- TER
TYPE SAMPLE- Pumped

Page 6 of 7

ANALYSIS	METHOD	SAMPLE PREP DATE	BY	ANALYSIS DATE	TIME	BY	RESULT	UNITS	DQ
WATER LEVEL	FIELD			02/23/00	1420	CSC	23.81	FEET	
FIELD PH	SM4500-H+B			02/23/00	1420	CSC	7.32	STD. UNITS	
FIELD TEMPERATURE	SM2550B			02/23/00	1420	CSC	23.80	DEGREES C	
FIELD CONDUCTIVITY	SM2510B			02/23/00	1420	CSC	501	umhos/cm	
DISSOLVED OXYGEN, FIELD	SM4500-O G			02/23/00	1420	CSC	1.60	mg/L	
FIELD TURBIDITY	SM 2130 B			02/23/00	1420	CSC	0.0	NTU	
STATIC WATER LEVEL	FIELD			02/23/00	1420	CSC	25.25	FT TO WL	
COLOR BY OBSERVATION	VISUAL			02/23/00	1420	CSC	CLEAR		
CHLORIDE	SM4500CL E			02/28/00	1400	JKH	85.1	mg/L	
COLOR	SM 2120B			02/23/00	1530	JKH	10	PCU	
AMMONIA NITROGEN	SM4500NH3H			02/24/00	1400	IF	0.07	mg/L	
NITRATE	SM4500NO3F			02/25/00	1400	IF	1.17	mg/L	
TOTAL DISS.SOLIDS	SM2540C			02/25/00	0800	JKH	504	mg/L	
IRON, TOTAL	SM3113B	02/23/00	TER	02/25/00	1015	TER	0.02	mg/L	
MERCURY, TOTAL	SM3112B			02/29/00	1045	TER	<0.0002	mg/L	
SODIUM, TOTAL	SM3111B	02/23/00	TER	02/25/00	0930	TER	13.8	mg/L	

LABORATORY DIRECTOR



PASCO COUNTY, FLORIDA

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

DHRS # 44237, E44123
CompQAP # 870167G

REPORT OF ANALYSES

RESOURCE RECOVERY
14230 HAYS ROAD
SPRING HILL, FL 34610-
Attn: VINCENT MANNELLA

PROJECT NAME: RES REC GWM Q-I
DATE: 03/08/00

SAMPLE NUMBER- 89155 SAMPLE ID- 4MW-6
DATE SAMPLED- 02/23/00
DATE RECEIVED- 02/23/00 SAMPLER- CHRIS CHILDRESS
TIME RECEIVED- 1520 DELIVERED BY- CHRIS CHILDRESS

SAMPLE MATRIX- WW
TIME SAMPLED- 1115
RECEIVED BY- TER
TYPE SAMPLE- Pumped

Page 7 of 7

ANALYSIS	METHOD	SAMPLE PREP DATE	BY	ANALYSIS DATE	TIME	BY	RESULT	UNITS	DQ
WATER LEVEL	FIELD			02/23/00	1115	CSC	27.43	FEET	
FIELD PH	SM4500-H+B			02/23/00	1115	CSC	7.94	STD. UNITS	
FIELD TEMPERATURE	SM2550B			02/23/00	1115	CSC	23.10	DEGREES C	
FIELD CONDUCTIVITY	SM2510B			02/23/00	1115	CSC	132	umhos/cm	
DISSOLVED OXYGEN, FIELD	SM4500-O G			02/23/00	1115	CSC	3.00	mg/L	
FIELD TURBIDITY	SM 2130 B			02/23/00	1115	CSC	0.0	NTU	
STATIC WATER LEVEL	FIELD			02/23/00	1115	CSC	28.50	FT TO WL	
COLOR BY OBSERVATION	VISUAL			02/23/00	1115	CSC	CLEAR		
CHLORIDE	SM4500CL E			02/28/00	1400	JKH	18.4	mg/L	
COLOR	SM 2120B			02/23/00	1530	JKH	12	PCU	
AMMONIA NITROGEN	SM4500NH3H			02/24/00	1400	IF	0.07	mg/L	
NITRATE	SM4500NO3F			02/25/00	1400	IF	1.06	mg/L	
TOTAL DISS.SOLIDS	SM2540C			02/25/00	0800	JKH	116	mg/L	
IRON, TOTAL	SM3113B	02/23/00	TER	02/25/00	1015	TER	0.02	mg/L	
MERCURY, TOTAL	SM3112B			02/29/00	1045	TER	<0.0002	mg/L	
SODIUM, TOTAL	SM3111B	02/23/00	TER	02/25/00	0930	TER	3.19	mg/L	

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DHRS # 44237, E44123
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[illegible]



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CompQAP # 870167G

QC REPORT FOR RESOURCE RECOVERY 03/08/2000

QA/QC for SAMPLE Nos: 89149, 89150, 89151, 89152, 89153, 89154, 89155,

Page 2

Analyte	LAB ID	Precision Data				Accuracy Data	Reference Sample Data			
		Replicate A	Replicate B	Range	RPD %	% Spike Recovery	Reference Sample ID	Target	Found	% Recovery
MERCURY, TOTAL SM31128 mg/L	89150	0.540	0.448	0.092	18.62	100.00	-----	-----	-----	-----
SODIUM, TOTAL SM31118 mg/L	89150	2.70	2.70	0	0.00	103.20	-----	-----	-----	-----



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DHRS # 44237, E44123
CompQAP # 870167G

REPORT OF ANALYSES

RESOURCE RECOVERY
14230 HAYS ROAD
SPRING HILL, FL 34610-
Attn: VINCENT MANNELLA

PROJECT NAME: RES REC GWM Q-I
DATE: 03/13/00

(Page 1 of 2)

LAB No.	SAMPLE		SAMPLER	DELIVERY TO LAB	
	DATE	TIME		DATE	TIME MATRIX
89197	02/24/00	1015	CHRIS CHILDRESS	02/24/00	1500 WW
89198	02/24/00	1045	CHRIS CHILDRESS	02/24/00	1500 WW
89199	02/24/00	1230	CHRIS CHILDRESS	02/24/00	1500 WW

CLIENT STATION ID:	4MW-11D	4MW-12D	4MW-14D
LAB #:	89197	89198	89199

	FEET	26.35	26.83	26.30
WATER LEVEL				
FIELD PH	STD. UNITS	7.48	7.17	7.29
FIELD TEMPERATURE	DEGREES C	22.70	24.30	25.20
FIELD CONDUCTIVITY	umhos/cm	261	384	504
DISSOLVED OXYGEN, FIELD	mg/L	1.60	1.95	0.80
FIELD TURBIDITY	NTU	0.0	0.0	0.0
STATIC WATER LEVEL	FT TO WL	38.65	28.20	25.70
COLOR BY OBSERVATION		CLEAR	CLEAR	CLEAR
CHLORIDE	mg/L	21.1	18.3	77.5
COLOR	PCU	5	6	80
AMMONIA NITROGEN	mg/L	<0.03	<0.03	<0.03
NITRATE	mg/L	0.42	0.16	0.40
TOTAL DISS.SOLIDS	mg/L	184	256	476
IRON, TOTAL	mg/L	0.07	<0.02	0.32
MERCURY, TOTAL	mg/L	<0.0002	0.0002	0.0002
SODIUM, TOTAL	mg/L	3.25	4.85	17.3

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REPORT OF ANALYSES

RESOURCE RECOVERY
14230 HAYS ROAD
SPRING HILL, FL 34610-
Attn: VINCENT MANNELLA

PROJECT NAME: RES REC GWM Q-I
DATE: 03/13/00

(Page 2 of 2)

SAMPLE				DELIVERY TO LAB	
LAB No.	DATE	TIME	SAMPLER	DATE	TIME MATRIX
89200	02/24/00	1300	CHRIS CHILDRESS	02/24/00	1500 WW
89201	02/24/00	1420	CHRIS CHILDRESS	02/24/00	1500 WW
89202	02/24/00	0900	CHRIS CHILDRESS	02/24/00	1500 WW

CLIENT STATION ID:		4MW-15D	4MW-16D	EQ. BLANK
LAB #:		89200	89201	89202

	FEET	27.23	27.72	N.R.
WATER LEVEL				
FIELD PH	STD. UNITS	7.29	7.48	7.96
FIELD TEMPERATURE	DEGREES C	24.30	23.80	24.50
FIELD CONDUCTIVITY	umhos/cm	634	241	5
DISSOLVED OXYGEN, FIELD	mg/L	1.30	1.60	4.00
FIELD TURBIDITY	NTU	0.0	28.0	0.0
STATIC WATER LEVEL	FT TO WL	27.30	24.75	N.R.
COLOR BY OBSERVATION		CLEAR	WHITE	CLEAR
CHLORIDE	mg/L	110	19.8	<1
COLOR	PCU	10	90	5
AMMONIA NITROGEN	mg/L	<0.03	<0.03	<0.03
NITRATE	mg/L	0.50	0.74	<0.11
TOTAL DISS.SOLIDS	mg/L	594	162	3
IRON, TOTAL	mg/L	0.02	0.25	<0.02
MERCURY, TOTAL	mg/L	<0.0002	0.0003	<0.0002
SODIUM, TOTAL	mg/L	30.5	3.61	<0.01

NOTE: N. R. = ANALYSIS NOT REQUIRED

LABORATORY DIRECTOR



DHRS # 44237, E44123
 CompQAP # 870167G

QA/QC for SAMPLE Nos: 89197, 89198, 89199, 89200, 89201, 89202,
Page 1

Analyte	LAB ID	Precision Data				Accuracy Data	Reference Sample Data			
		Replicate A	Replicate B	Range	RPD %	% Spike Recovery	Reference Sample ID	Target	Found	% Recovery
CHLORIDE	89079	189	193	4.0	2.09	-----	STD	80.0	78.2	97.80
SM4500CL E	89128	330	337	7.0	2.10	-----	STD	80.0	72.8	91.10
mg/L	89153	86.0	87.6	1.6	1.84	-----	-----	-----	-----	-----
	89157	-----	-----	-----	-----	101.70	-----	-----	-----	-----

COLOR
SM 21208
PCU

NO DUPLICATE, SPIKE, OR REFERENCE SAMPLES FOR THIS ANALYSIS

[illegible]



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DHRS # 44237, E44123
CompQAP # 870167G

QC REPORT FOR RESOURCE RECOVERY 03/13/2000

QA/QC for SAMPLE Nos: 89197, 89198, 89199, 89200, 89201, 89202,

Page 2

Analyte	LAB ID	Precision Data				Accuracy Data	Reference Sample Data			
		Replicate A	Replicate B	Range	RPD %	% Spike Recovery	Reference Sample ID	Target	Found	% Recovery
MERCURY, TOTAL SM31128 mg/L	89150	0.540	0.448	0.092	18.62	100.00	-----	-----	-----	-----
SODIUM, TOTAL SM31118 mg/L	89150	2.70	2.70	0	0.00	103.20	-----	-----	-----	-----



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(727) 847-8902

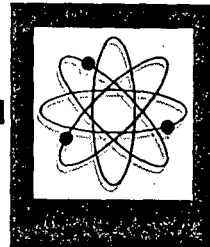
DHRS # 44237, E44123
CompQAP # 870167G

DATE, TIME, ANALYST REPORT

ANALYSIS	METHOD	ANALYSIS		ANALYST	MDL
		DATE	TIME		
CL- (auto)	SM4500CL E	02/28/00	1400	JKH	0.62
COLOR	SM 2120B	02/25/00	1500	JKH	0.0
COLOR-OBS	VISUAL	02/24/00	0900	CSC	
COND, FIELD	SM2510B	02/24/00	0900	CSC	1
DO, FIELD	SM4500-O G	02/24/00	0900	CSC	0.01
FE/T/AA	SM3113B	02/25/00	1015	TER	0.001
FIELD TEMP	SM2550B	02/24/00	0900	CSC	0
FIELD TURB	SM 2130 B	02/24/00	0900	CSC	0.01
H2O LEVEL	FIELD	02/24/00	1015	CSC	0.00
HG/T/CVAA	SM3112B	02/29/00	1045	TER	0.0005
NA/T/FLAA	SM3111B	02/25/00	0930	TER	0.01
NH3 (AUTO)	SM4500NH3H	03/03/00	1500	IF	0.03
NO3	SM4500NO3F	03/01/00	1400	IF	0.11
PH, FIELD	SM4500-H+B	02/24/00	0900	CSC	0.01
STATIC WL	FIELD	02/24/00	1015	CSC	0
TDS	SM2540C	02/25/00	0800	JKH	1

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APR - 3 2000

Per.....

Date Reported : Mar 6 2000
Project Number : Resource Recovery
PO Number : 111887
FDHRSDW Number : 83139
NYSDOH Number : 11595
FDER COMQAPNum : 86-0008G
LDHH Number : 94-23
NCDEHNR Number : 296
SCDHEC Number : 96019

For: Appendix I

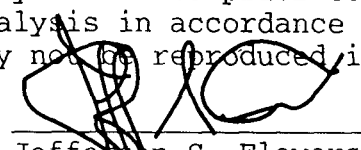
Date Sampled: Feb23 2000 Date Received: Feb24 2000 Lab Numbers: 7157-7163

REPORT OF ANALYSIS

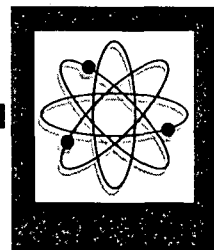
Parameter	Unit	Reportable Detection Limit	%ACC	%PRC	7157 4MW1	7158 2MW2	7159 4MW2	7160 4MW4	7161 4MW5
Silver	mg/L	.00016	100.	.870	.00018	0.0107	.00020	.00048	.00019
Arsenic	mg/L	.00006	106.	.620	.00141	.00033	.00118	.00096	.00134
Barium	mg/L	.00064	105.	.810	0.0466	0.0856	.00572	0.0136	0.0109
Beryllium	mg/L	.00089	121.	.720	<.0009	<.0009	<.0009	<.0009	<.0009
Cadmium	mg/L	.00006	98.4	.220	.00033	.00030	<6e-05	.00022	<6e-05
Cobalt	mg/L	.00006	103.	2.52	.00122	.00023	.00025	.00079	.00022
Chromium	mg/L	.00016	104.	1.88	.00062	<.0002	.00066	.00086	.00102
Copper	mg/L	.00016	99.9	.830	.00689	.00761	.00728	.00543	.00151
Nickel	mg/L	.00127	99.3	1.74	.00750	<.0013	.00159	.00258	.00192
Lead	mg/L	.00032	101.	.640	.00056	.00103	.00126	.00119	<.0003
Antimony	mg/L	.00070	107.	1.44	<.0007	<.0007	<.0007	.00096	<.0007
Selenium	mg/L	.00070	99.4	.880	0.0119	<.0007	<.0007	.00187	.00421
Thallium	mg/L	.00003	102.	.210	.00431	<3e-05	<3e-05	.00030	.00156
Vanadium	mg/L	.00006	106.	.820	.00403	.00050	.00578	.00399	.00329
Zinc	mg/L	.00048	96.5	1.22	0.0521	0.0193	.00082	0.0239	<.0005
Dilution_Factor		-	-	-	1.00	1.00	1.00	1.00	1.00
Acetone	ug/L	4.46	92.3	5.85	<4.46	<4.46	<4.46	<4.46	<4.46
Acrylonitrile	ug/L	7.77			<7.77	<7.77	<7.77	<7.77	<7.77
Benzene	ug/L	0.801	97.1	.980	<0.801	<0.801	<0.801	<0.801	<0.801
Bromobenzene	ug/L	0.544	91.2	.730	<0.544	<0.544	<0.544	<0.544	<0.544
Bromochloromethane	ug/L	0.502	113.	.370	<0.502	<0.502	<0.502	<0.502	<0.502
Bromodichloromethane	ug/L	1.40	91.8	.000	<1.40	<1.40	<1.40	<1.40	<1.40
Bromoform	ug/L	0.518	86.7	1.14	<0.518	<0.518	<0.518	<0.518	<0.518
Bromomethane	ug/L	1.60			<1.60	<1.60	<1.60	<1.60	<1.60
n-butylbenzene	ug/L	1.28	75.4	.230	<1.28	<1.28	<1.28	<1.28	<1.28
sec-butylbenzene	ug/L	1.21	80.5	1.10	<1.21	<1.21	<1.21	<1.21	<1.21

Data Release Authorization

Sample integrity certified prior to analysis. Deficiencies are in QA Report Sec. 4
Methods of analysis in accordance with FCL QA and EPA approved methodology.
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Jefferson S. Flowers, Ph.d.
President/Technical Director

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New Port Richey, FL 34654

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Per.....

Date Reported : Mar 6 2000
Project Number : Resource Recovery
PO Number : 111887
FDHRSW Number : 83139
NYSDOH Number : 11595
FDER COMQAPNum : 86-0008G
LDHH Number : 94-23
NCDEHNR Number : 296
SCDHEC Number : 96019

For: Appendix I

Date Sampled: Feb23 2000 Date Received: Feb24 2000 Lab Numbers: 7157-7163

REPORT OF ANALYSIS

Parameter	Unit	Reportable Detection	%ACC	%PRC	7162 4MW6	7163 4MW5DU
					P	
		Limit				
Silver	mg/L	.00016	100.	.870	.00080	<.0002
Arsenic	mg/L	.00006	106.	.620	.00080	.00124
Barium	mg/L	.00064	105.	.810	.00556	0.0123
Beryllium	mg/L	.00089	121.	.720	<.0009	<.0009
Cadmium	mg/L	.00006	98.4	.220	<6e-05	<6e-05
Cobalt	mg/L	.00006	103.	2.52	.00031	.00022
Chromium	mg/L	.00016	104.	1.88	.00044	.00032
Copper	mg/L	.00016	99.9	.830	0.0106	.00472
Nickel	mg/L	.00127	99.3	1.74	<.0013	.00246
Lead	mg/L	.00032	101.	.640	<.0003	.00062
Antimony	mg/L	.00070	107.	1.44	<.0007	<.0007
Selenium	mg/L	.00070	99.4	.880	.00171	.00473
Thallium	mg/L	.00003	102.	.210	<3e-05	.00143
Vanadium	mg/L	.00006	106.	.820	.00437	.00332
Zinc	mg/L	.00048	96.5	1.22	.00342	0.0112
Dilution Factor		-	-	-	1.00	1.00
Acetone	ug/L	4.46	92.3	5.85	<4.46	<4.46
Acrylonitrile	ug/L	7.77			<7.77	<7.77
Benzene	ug/L	0.801	97.1	.980	<0.801	<0.801
Bromobenzene	ug/L	0.544	91.2	.730	<0.544	<0.544
Bromochloromethane	ug/L	0.502	113.	.370	<0.502	<0.502
Bromodichloromethane	ug/L	1.40	91.8	.000	<1.40	<1.40
Bromoform	ug/L	0.518	86.7	1.14	<0.518	<0.518
Bromomethane	ug/L	1.60			<1.60	<1.60
n-butylbenzene	ug/L	1.28	75.4	.230	<1.28	<1.28
sec-butylbenzene	ug/L	1.21	80.5	1.10	<1.21	<1.21

Data Release Authorization

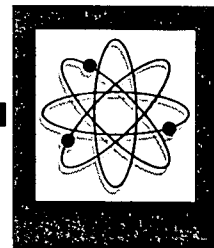
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Date Reported : Mar 6 2000
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For: Appendix I

Date Sampled: Feb23 2000 Date Received: Feb24 2000 Lab Numbers: 7157-7163

REPORT OF ANALYSIS

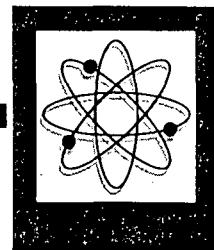
Parameter	Unit	Reportable Detection Limit	%ACC	%PRC	7157 4MW1	7158 2MW2	7159 4MW2	7160 4MW4	7161 4MW5
tert-butylbenzene	ug/L	0.995	85.8	.490	<0.995	<0.995	<0.995	<0.995	<0.995
Carbon disulfide	ug/L	2.28	101.	12.6	<2.28	<2.28	<2.28	<2.28	<2.28
Carbon tetrachloride	ug/L	1.24	97.5	3.01	<1.24	<1.24	<1.24	<1.24	<1.24
Chlorobenzene	ug/L	0.449	101.	.800	<0.449	<0.449	<0.449	<0.449	<0.449
Chloroethane	ug/L	0.305	95.0	12.3	<0.305	<0.305	<0.305	<0.305	<0.305
Chloroform	ug/L	0.251	95.5	1.11	<0.251	<0.251	<0.251	<0.251	<0.251
Chloromethane	ug/L	0.537	93.5	5.67	<0.537	<0.537	<0.537	<0.537	<0.537
2-chlorotoluene	ug/L	1.38	83.1	.080	<1.38	<1.38	<1.38	<1.38	<1.38
4-chlorotoluene	ug/L	1.07	82.7	.040	<1.07	<1.07	<1.07	<1.07	<1.07
Dibromochloromethane	ug/L	0.906	106.	.460	<0.906	<0.906	<0.906	<0.906	<0.906
1,2-dibromo-3-chloro	ug/L	0.906	72.6	.970	<0.906	<0.906	<0.906	<0.906	<0.906
1,2-dibromoethane	ug/L	1.16	96.6	.110	<1.16	<1.16	<1.16	<1.16	<1.16
Dibromomethane	ug/L	1.28	98.3	.460	<1.28	<1.28	<1.28	<1.28	<1.28
o-dichlorobenzene	ug/L	0.674	92.2	.420	<0.674	<0.674	<0.674	<0.674	<0.674
m-dichlorobenzene	ug/L	0.792	91.7	.070	<0.792	<0.792	<0.792	<0.792	<0.792
Para-dichlorobenzene	ug/L	1.19	94.4	.630	<1.19	<1.19	<1.19	<1.19	<1.19
Dichlorodifluorometh	ug/L	0.719	84.4	3.65	<0.719	<0.719	<0.719	<0.719	<0.719
t-1,4-dichloro-2-but	ug/L	1.02			<1.02	<1.02	<1.02	<1.02	<1.02
1,1-dichloroethane	ug/L	1.72	98.3	.320	<1.72	<1.72	<1.72	<1.72	<1.72
1,2-dichloroethane	ug/L	0.642	94.5	.150	<0.642	<0.642	<0.642	<0.642	<0.642
1,1-dichloroethene	ug/L	1.70	101.	7.66	<1.70	<1.70	<1.70	<1.70	<1.70
cis-1,2-dichloroethe	ug/L	0.976	99.9	.380	<0.976	<0.976	<0.976	<0.976	<0.976
t-1,2-dichloroethene	ug/L	1.71	102.	.930	<1.71	<1.71	<1.71	<1.71	<1.71
1,2-dichloroethene	ug/L	2.36	101.	.660	<2.36	<2.36	<2.36	<2.36	<2.36
1,2-dichloropropane	ug/L	1.38	96.7	.360	<1.38	<1.38	<1.38	<1.38	<1.38
1,3-dichloropropane	ug/L	1.04	97.6	.250	<1.04	<1.04	<1.04	<1.04	<1.04

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Date Reported : Mar 6 2000
Project Number : Resource Recovery
PO Number : 111887
FDHRSW Number : 83139
NYSDOH Number : 11595
FDER COMQAPNum : 86-0008G
LDHH Number : 94-23
NCDEHNR Number : 296
SCDHEC Number : 96019

For: Appendix I

Date Sampled: Feb23 2000 Date Received: Feb24 2000 Lab Numbers: 7157-7163

REPORT OF ANALYSIS

Parameter	Unit	Reportable Detection Limit	%ACC	%PRC	7162	7163
					4MW6	4MW5DU P
tert-butylbenzene	ug/L	0.995	85.8	.490	<0.995	<0.995
Carbon disulfide	ug/L	2.28	101.	12.6	<2.28	<2.28
Carbon tetrachloride	ug/L	1.24	97.5	3.01	<1.24	<1.24
Chlorobenzene	ug/L	0.449	101.	.800	<0.449	<0.449
Chloroethane	ug/L	0.305	95.0	12.3	<0.305	<0.305
Chloroform	ug/L	0.251	95.5	1.11	<0.251	<0.251
Chloromethane	ug/L	0.537	93.5	5.67	<0.537	<0.537
2-chlorotoluene	ug/L	1.38	83.1	.080	<1.38	<1.38
4-chlorotoluene	ug/L	1.07	82.7	.040	<1.07	<1.07
Dibromochloromethane	ug/L	0.906	106.	.460	<0.906	<0.906
1,2-dibromo-3-chloro	ug/L	0.906	72.6	.970	<0.906	<0.906
1,2-dibromoethane	ug/L	1.16	96.6	.110	<1.16	<1.16
Dibromomethane	ug/L	1.28	98.3	.460	<1.28	<1.28
o-dichlorobenzene	ug/L	0.674	92.2	.420	<0.674	<0.674
m-dichlorobenzene	ug/L	0.792	91.7	.070	<0.792	<0.792
Para-dichlorobenzene	ug/L	1.19	94.4	.630	<1.19	<1.19
Dichlorodifluorometh	ug/L	0.719	84.4	3.65	<0.719	<0.719
t-1,4-dichloro-2-but	ug/L	1.02			<1.02	<1.02
1,1-dichloroethane	ug/L	1.72	98.3	.320	<1.72	<1.72
1,2-dichloroethane	ug/L	0.642	94.5	.150	<0.642	<0.642
1,1-dichloroethene	ug/L	1.70	101.	7.66	<1.70	<1.70
cis-1,2-dichloroethe	ug/L	0.976	99.9	.380	<0.976	<0.976
t-1,2-dichloroethene	ug/L	1.71	102.	.930	<1.71	<1.71
1,2-dichloroethene	ug/L	2.36	101.	.660	<2.36	<2.36
1,2-dichloropropane	ug/L	1.38	96.7	.360	<1.38	<1.38
1,3-dichloropropane	ug/L	1.04	97.6	.250	<1.04	<1.04

Data Release Authorization

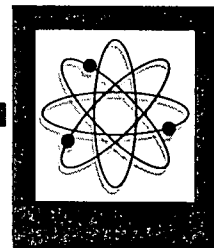
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Date Reported : Mar 6 2000
Project Number : Resource Recovery
PO Number : 111887
FDHRSW Number : 83139
NYSDOH Number : 11595
FDER COMQAPNum : 86-0008G
LDHH Number : 94-23
NCDEHNR Number : 296
SCDHEC Number : 96019

For: Appendix I

Date Sampled: Feb23 2000 Date Received: Feb24 2000 Lab Numbers: 7157-7163

REPORT OF ANALYSIS

Parameter	Unit	Reportable Detection Limit	%ACC	%PRC	7157 4MW1	7158 2MW2	7159 4MW2	7160 4MW4	7161 4MW5
2,2-dichloropropane	ug/L	2.23	62.3	2.84	<2.23	<2.23	<2.23	<2.23	<2.23
1,1-dichloropropene	ug/L	0.693	93.4	1.25	<0.693	<0.693	<0.693	<0.693	<0.693
cis-1,3-dichloroprop	ug/L	1.38	86.9	1.14	<1.38	<1.38	<1.38	<1.38	<1.38
trans-1,3,-dichlorop	ug/L	1.73	86.9	1.14	<1.73	<1.73	<1.73	<1.73	<1.73
Ethylbenzene	ug/L	1.44	99.3	.990	<1.44	<1.44	<1.44	<1.44	<1.44
Hexachlorobutadiene	ug/L	1.23	64.6	1.81	<1.23	<1.23	<1.23	<1.23	<1.23
2-Hexanone	ug/L	1.10	86.5	.160	<1.10	<1.10	<1.10	<1.10	<1.10
Hexachloroethane	ug/L	3.18			<3.18	<3.18	<3.18	<3.18	<3.18
Isopropylbenzene	ug/L	0.983	82.4	.250	<0.983	<0.983	<0.983	<0.983	<0.983
4-isopropyltoluene	ug/L	0.964	79.9	.880	<0.964	<0.964	<0.964	<0.964	<0.964
Methylene chloride	ug/L	0.766	97.3	.270	1.04	<0.766	<0.766	<0.766	<0.766
Methyl-tert-butyleth	ug/L	1.79	86.8	.240	<1.79	<1.79	<1.79	<1.79	<1.79
2-butanone	ug/L	2.81	96.5	.360	<2.81	<2.81	<2.81	<2.81	<2.81
Methyl_iodide	ug/L	1.31	103.	8.86	<1.31	<1.31	<1.31	<1.31	<1.31
4-methyl-2-pentanone	ug/L	2.98	84.6	.460	<2.98	<2.98	<2.98	<2.98	<2.98
Naphthalene	ug/L	2.28	90.0	1.89	<2.28	<2.28	<2.28	<2.28	<2.28
propylbenzene	ug/L	1.01	83.5	.040	<1.01	<1.01	<1.01	<1.01	<1.01
Styrene	ug/L	1.21	99.3	.710	<1.21	<1.21	<1.21	<1.21	<1.21
1,1,1,2-tetrachloroe	ug/L	1.29	107.	.490	<1.29	<1.29	<1.29	<1.29	<1.29
1,1,2,2-tetrachloroe	ug/L	1.59	89.6	.110	<1.59	<1.59	<1.59	<1.59	<1.59
Tetrachloroethene	ug/L	1.46	104.	.440	<1.46	<1.46	<1.46	<1.46	<1.46
Toluene	ug/L	1.45	97.0	.910	<1.45	<1.45	<1.45	<1.45	<1.45
1,2,3-trichlorobenze	ug/L	1.69	88.4	1.00	<1.69	<1.69	<1.69	<1.69	<1.69
1,2,4-trichlorobenze	ug/L	1.63	86.8	1.06	<1.63	<1.63	<1.63	<1.63	<1.63
1,1,1-trichloroethan	ug/L	0.576	93.2	1.59	<0.576	<0.576	<0.576	<0.576	<0.576
1,1,2-trichloroethan	ug/L	1.41	101.	.450	<1.41	<1.41	<1.41	<1.41	<1.41

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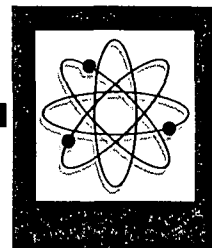
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Date Reported : Mar 6 2000
Project Number : Resource Recovery
PO Number : 111887
FDHRSW Number : 83139
NYSDOH Number : 11595
FDER COMQAPNum : 86-0008G
LDHH Number : 94-23
NCDEHNR Number : 296
SCDHEC Number : 96019

For: Appendix I

Date Sampled: Feb23 2000 Date Received: Feb24 2000 Lab Numbers: 7157-7163

REPORT OF ANALYSIS

Parameter	Unit	Reportable Detection Limit	%ACC	%PRC	7162	7163
					4MW6	4MW5DU
2,2-dichloropropane	ug/L	2.23	62.3	2.84	<2.23	<2.23
1,1-dichloropropene	ug/L	0.693	93.4	1.25	<0.693	<0.693
cis-1,3-dichloroprop	ug/L	1.38	86.9	1.14	<1.38	<1.38
trans-1,3,-dichlorop	ug/L	1.73	86.9	1.14	<1.73	<1.73
Ethylbenzene	ug/L	1.44	99.3	.990	<1.44	<1.44
Hexachlorobutadiene	ug/L	1.23	64.6	1.81	<1.23	<1.23
2-Hexanone	ug/L	1.10	86.5	.160	<1.10	<1.10
Hexachloroethane	ug/L	3.18			<3.18	<3.18
Isopropylbenzene	ug/L	0.983	82.4	.250	<0.983	<0.983
4-isopropyltoluene	ug/L	0.964	79.9	.880	<0.964	<0.964
Methylene chloride	ug/L	0.766	97.3	.270	<0.766	<0.766
Methyl-tert-butyleth	ug/L	1.79	86.8	.240	<1.79	<1.79
2-butanone	ug/L	2.81	96.5	.360	<2.81	<2.81
Methyl_iodide	ug/L	1.31	103.	8.86	<1.31	<1.31
4-methyl-2-pentanone	ug/L	2.98	84.6	.460	<2.98	<2.98
Naphthalene	ug/L	2.28	90.0	1.89	<2.28	<2.28
propylbenzene	ug/L	1.01	83.5	.040	<1.01	<1.01
Styrene	ug/L	1.21	99.3	.710	<1.21	<1.21
1,1,1,2-tetrachloroe	ug/L	1.29	107.	.490	<1.29	<1.29
1,1,2,2-tetrachloroe	ug/L	1.59	89.6	.110	<1.59	<1.59
Tetrachloroethene	ug/L	1.46	104.	.440	<1.46	<1.46
Toluene	ug/L	1.45	97.0	.910	<1.45	<1.45
1,2,3-trichlorobenze	ug/L	1.69	88.4	1.00	<1.69	<1.69
1,2,4-trichlorobenze	ug/L	1.63	86.8	1.06	<1.63	<1.63
1,1,1-trichloroethan	ug/L	0.576	93.2	1.59	<0.576	<0.576
1,1,2-trichloroethan	ug/L	1.41	101.	.450	<1.41	<1.41

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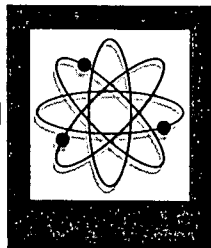
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Date Reported : Mar 6 2000
Project Number : Resource Recovery
PO Number : 111887
FDHRSW Number : 83139
NYSDOH Number : 11595
FDER COMQAPNum : 86-0008G
LDHH Number : 94-23
NCDEHNR Number : 296
SCDHEC Number : 96019

For: Appendix I

Date Sampled: Feb23 2000 Date Received: Feb24 2000 Lab Numbers: 7157-7163

REPORT OF ANALYSIS

Parameter	Unit	Reportable Detection Limit	%ACC	%PRC	7157 4MW1	7158 2MW2	7159 4MW2	7160 4MW4	7161 4MW5
Trichloroethene	ug/L	1.71	102.	.380	<1.71	<1.71	<1.71	<1.71	<1.71
Trichlorofluorometha	ug/L	1.34	95.4	1.52	<1.34	<1.34	<1.34	<1.34	<1.34
1,2,3-trichloropropa	ug/L	1.65	125.	.450	<1.65	<1.65	<1.65	<1.65	<1.65
1,2,4-trimethylbenze	ug/L	0.811	81.9	.300	<0.811	<0.811	<0.811	<0.811	<0.811
1,3,5-trimethylbenze	ug/L	0.938	81.7	.510	<0.938	<0.938	<0.938	<0.938	<0.938
Vinyl acetate	ug/L	4.32			<4.32	<4.32	<4.32	<4.32	<4.32
Vinyl chloride	ug/L	1.46	90.9	.930	<1.46	<1.46	<1.46	<1.46	<1.46
Xylene	ug/L	2.56	102.	.620	<2.56	<2.56	<2.56	<2.56	<2.56
Surrogate_Spike1	ug/L	1.00	95.4	.810	29.2	29.3	29.6	29.3	29.5
Surrogate_Spike2	ug/L	1.00	97.9	.120	29.2	29.6	29.6	29.5	29.6
Surrogate_Spike3	ug/L	1.00	94.2	.770	27.7	26.8	26.4	26.2	26.7
-	-	-	-	-	-	-	-	-	-

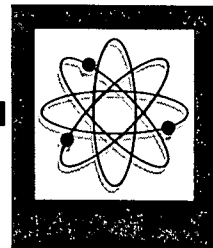
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Date Reported : Mar 6 2000
Project Number : Resource Recovery
PO Number : 111887
FDHRSW Number : 83139
NYSDOH Number : 11595
FDER COMQAPNum : 86-0008G
LDHH Number : 94-23
NCDEHNR Number : 296
SCDHEC Number : 96019

For: Appendix I

Date Sampled: Feb23 2000 Date Received: Feb24 2000 Lab Numbers: 7157-7163

REPORT OF ANALYSIS

Parameter	Unit	Reportable Detection Limit	%ACC	%PRC	7162	7163
					4MW6	4MW5DU P
Trichloroethene	ug/L	1.71	102.	.380	<1.71	<1.71
Trichlorofluorometha	ug/L	1.34	95.4	1.52	<1.34	<1.34
1,2,3-trichloropropa	ug/L	1.65	125.	.450	<1.65	<1.65
1,2,4-trimethylbenze	ug/L	0.811	81.9	.300	<0.811	<0.811
1,3,5-trimethylbenze	ug/L	0.938	81.7	.510	<0.938	<0.938
Vinyl acetate	ug/L	4.32			<4.32	<4.32
Vinyl chloride	ug/L	1.46	90.9	.930	<1.46	<1.46
Xylene	ug/L	2.56	102.	.620	<2.56	<2.56
Surrogate_Spike1	ug/L	1.00	95.4	.810	29.7	29.7
Surrogate_Spike2	ug/L	1.00	97.9	.120	29.3	29.8
Surrogate_Spike3	ug/L	1.00	94.2	.770	26.3	25.5
-	-	-	-	-	-	-

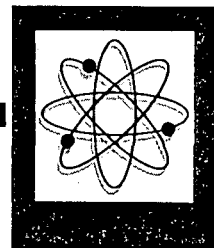
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Date Reported : Mar 6 2000
Project Number : Resource Recovery
PO Number : 111887
FDHRS Number : 83139
FHRS ENVNumber : E83018
FDER COMQAPNum : 86-0008G
LDHH Number : 94-23
NCDEHNR Number : 296
SCDHEC Number : 96019

For: Appendix I

Date Sampled: Feb23 2000 Date Received: Feb24 2000 Lab Numbers: 7157-7163

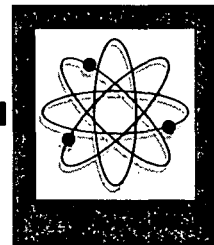
REPORT OF INFORMATION

Parameter Unit	Limit	Expected Value	Range	Correlation
			7157	
Silver mg/L	5.72	0.262	.00018	
Arsenic mg/L	18.2	0.486	.00141	
Barium mg/L	171.	4.02	0.0466	
Cadmium mg/L	76.7	0.839	.00033	
Cobalt mg/L	13.3	1.09	.00122	
Chromium mg/L	359.	4.69	.00062	
Copper mg/L	2810	47.8	.00689	
Nickel mg/L	57.5	1.13	.00750	
Lead mg/L	5360	53.7	.00056	
Selenium mg/L	0.659	0.0226	0.0119	
Thallium mg/L	44.6	1.12	.00431	
Vanadium mg/L	94.9	8.53	.00403	
Zinc mg/L	12000	131.	0.0521	
Methylene chloride ug/L	15400	246.	1.04	
Surrogate_Spike1 ug/L	56.7	45.9	29.2	
Surrogate_Spike2 ug/L	-	-	29.2	
Surrogate_Spike3 ug/L	63.0	46.2	27.7	

The above information is intended to highlight exceptional data as compared to the upper control limits (Limit) established for each of the parameters. Range exceedances are flagged by integer values in the Range column. The Expected values are derived from historical data. Expected is computed as either the mean or computed directly from another parameter using linear regression. All known correlation rule exceedances are listed as enumerated rule numbers in the Correlation column. Correlation pair rules are defined on the last page.

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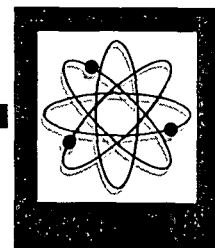
For: Appendix I

Date Sampled: Feb23 2000 Date Received: Feb24 2000 Lab Numbers: 7157-7163

REPORT OF INFORMATION

Parameter Unit	Limit	Expected Value	Range	Correlation
			7158	
Silver mg/L	5.72	0.262	0.0107	
Arsenic mg/L	18.2	0.486	.00033	
Barium mg/L	171.	4.02	0.0856	
Cadmium mg/L	76.7	0.839	.00030	
Cobalt mg/L	13.3	1.09	.00023	
Copper mg/L	2810	47.8	.00761	
Lead mg/L	5360	53.7	.00103	
Vanadium mg/L	94.9	8.53	.00050	
Zinc mg/L	12000	131.	0.0193	
Surrogate_Spike1 ug/L	56.7	45.9	29.3	
Surrogate_Spike2 ug/L	-	-	29.6	
Surrogate_Spike3 ug/L	63.0	46.2	26.8	

The above information is intended to highlight exceptional data as compared to the upper control limits (Limit) established for each of the parameters. Range exceedances are flagged by integer values in the Range column. The Expected values are derived from historical data. Expected is computed as either the mean or computed directly from another parameter using linear regression. All known correlation rule exceedances are listed as enumerated rule numbers in the Correlation column. Correlation pair rules are defined on the last page.



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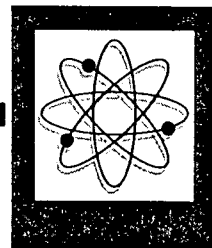
For: Appendix I

Date Sampled: Feb23 2000 Date Received: Feb24 2000 Lab Numbers: 7157-7163

REPORT OF INFORMATION

Parameter Unit	Limit	Expected Value	Range	Correlation
			7159	
Silver mg/L	5.72	0.262	.00020	
Arsenic mg/L	18.2	0.486	.00118	
Barium mg/L	171.	4.02	.00572	
Cobalt mg/L	13.3	1.09	.00025	
Chromium mg/L	359.	4.69	.00066	
Copper mg/L	2810	47.8	.00728	
Nickel mg/L	57.5	1.13	.00159	
Lead mg/L	5360	53.7	.00126	
Vanadium mg/L	94.9	8.53	.00578	
Zinc mg/L	12000	131.	.00082	
Surrogate_Spike1 ug/L	56.7	45.9	29.6	
Surrogate_Spike2 ug/L	-	-	29.6	
Surrogate_Spike3 ug/L	63.0	46.2	26.4	

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Date Reported : Mar 6 2000
Project Number : Resource Recovery
PO Number : 111887
FDHRS Number : 83139
FHRS ENVNumber : E83018
FDER COMQAPNum : 86-0008G
LDHH Number : 94-23
NCDEHNR Number : 296
SCDHEC Number : 96019

For: Appendix I

Date Sampled: Feb23 2000 Date Received: Feb24 2000 Lab Numbers: 7157-7163

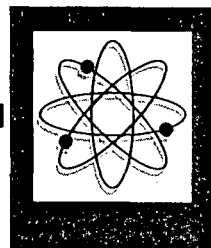
REPORT OF INFORMATION

Parameter Unit	Limit	Expected Value	Range	Correlation
			7160	
Silver mg/L	5.72	0.262	.00048	
Arsenic mg/L	18.2	0.486	.00096	
Barium mg/L	171.	4.02	0.0136	
Cadmium mg/L	76.7	0.839	.00022	
Cobalt mg/L	13.3	1.09	.00079	
Chromium mg/L	359.	4.69	.00086	
Copper mg/L	2810	47.8	.00543	
Nickel mg/L	57.5	1.13	.00258	
Lead mg/L	5360	53.7	.00119	
Antimony mg/L	5.69	0.270	.00096	
Selenium mg/L	0.659	0.0226	.00187	
Thallium mg/L	44.6	1.12	.00030	
Vanadium mg/L	94.9	8.53	.00399	
Zinc mg/L	12000	131.	0.0239	
Surrogate_Spike1 ug/L	56.7	45.9	29.3	
Surrogate_Spike2 ug/L	-	-	29.5	
Surrogate_Spike3 ug/L	63.0	46.2	26.2	

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For: Appendix I

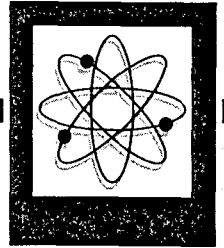
Date Sampled: Feb23 2000 Date Received: Feb24 2000 Lab Numbers: 7157-7163
REPORT OF INFORMATION

Parameter Unit	Limit	Expected Value	Range	Correlation
			7161	
Silver mg/L	5.72	0.262	.00019	
Arsenic mg/L	18.2	0.486	.00134	
Barium mg/L	171.	4.02	0.0109	
Cobalt mg/L	13.3	1.09	.00022	
Chromium mg/L	359.	4.69	.00102	
Copper mg/L	2810	47.8	.00151	
Nickel mg/L	57.5	1.13	.00192	
Selenium mg/L	0.659	0.0226	.00421	
Thallium mg/L	44.6	1.12	.00156	
Vanadium mg/L	94.9	8.53	.00329	
Surrogate_Spike1 ug/L	56.7	45.9	29.5	
Surrogate_Spike2 ug/L	-	-	29.6	
Surrogate_Spike3 ug/L	63.0	46.2	26.7	

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LDHH Number : 94-23
NCDEHNR Number : 296
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For: Appendix I

Date Sampled: Feb23 2000 Date Received: Feb24 2000 Lab Numbers: 7157-7163

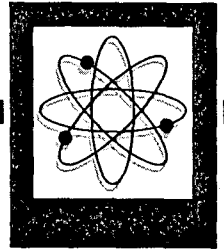
REPORT OF INFORMATION

Parameter	Unit	Limit	Expected Value	Range	Correlation
				7162	
Silver	mg/L	5.72	0.262	.00080	
Arsenic	mg/L	18.2	0.486	.00080	
Barium	mg/L	171.	4.02	.00556	
Cobalt	mg/L	13.3	1.09	.00031	
Chromium	mg/L	359.	4.69	.00044	
Copper	mg/L	2810	47.8	0.0106	
Selenium	mg/L	0.659	0.0226	.00171	
Vanadium	mg/L	94.9	8.53	.00437	
Zinc	mg/L	12000	131.	.00342	
Surrogate_Spike1	ug/L	56.7	45.9	29.7	
Surrogate_Spike2	ug/L	-	-	29.3	
Surrogate_Spike3	ug/L	63.0	46.2	26.3	

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LDHH Number : 94-23
NCDEHNR Number : 296
SCDHEC Number : 96019

For: Appendix I

Date Sampled: Feb23 2000 Date Received: Feb24 2000 Lab Numbers: 7157-7163

REPORT OF INFORMATION

Parameter Unit	Limit	Expected Value	Range	Correlation
			7163	
Arsenic mg/L	18.2	0.486	.00124	
Barium mg/L	171.	4.02	0.0123	
Cobalt mg/L	13.3	1.09	.00022	
Chromium mg/L	359.	4.69	.00032	
Copper mg/L	2810	47.8	.00472	
Nickel mg/L	57.5	1.13	.00246	
Lead mg/L	5360	53.7	.00062	
Selenium mg/L	0.659	0.0226	.00473	
Thallium mg/L	44.6	1.12	.00143	
Vanadium mg/L	94.9	8.53	.00332	
Zinc mg/L	12000	131.	0.0112	
Surrogate_Spike1 ug/L	56.7	45.9	29.7	
Surrogate_Spike2 ug/L	-	-	29.8	
Surrogate_Spike3 ug/L	63.0	46.2	25.5	

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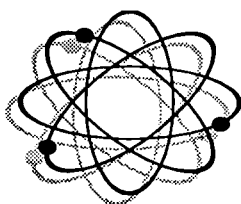
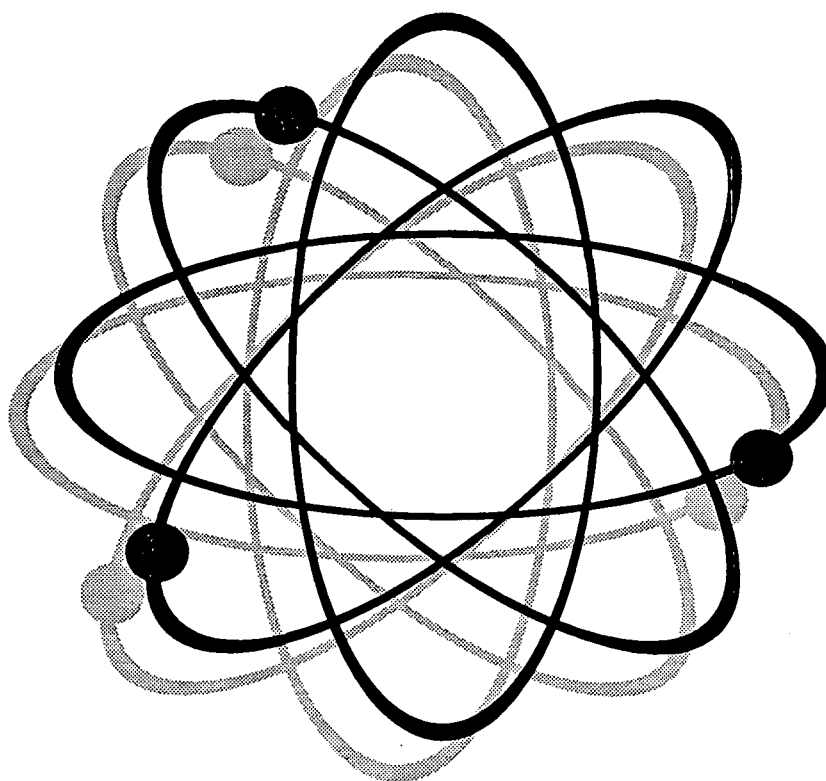
3609	FLOWERS CHEMICAL LABORATORIES																	
	1	ANALYTICAL RESULTS FORM										HRS Number 83139						
			4MW1	2MW2	4MW2	4MW4	4MW5	4MW6	4MW5 Dup				QA Section					
Parameter	Symbol	Unit	7157	7158	7159	7160	7161	7162	7163				Method	MDL	%RSD	%Rec	Analysis	Date
Silver	*	mg/L	0.000177	0.0107	0.000202	0.000484	0.000187	0.000800	0.0000511J				EPA6020	0.00005	0.8740303	100.51525	LSM	02-25-2000 11:53
Arsenic	*	mg/L	0.00141	0.000332	0.00118	0.000956	0.00134	0.000800	0.00124				EPA6020	0.00002	0.6210215	106.9375	LSM	02-25-2000 11:53
Barium	*	mg/L	0.0466	0.0856	0.00572	0.0136	0.0109	0.00556	0.0123				EPA6020	0.0002	0.8194034	105.475	LSM	02-25-2000 11:53
Beryllium	*	mg/L	<0.00028U	<0.00028U	<0.00028U	<0.00028U	<0.00028U	<0.00028U	<0.00028U				EPA6020	0.00028	0.7298604	121.75	LSM	02-25-2000 11:53
Cadmium	*	mg/L	0.000326	0.000303	0.000422J	0.000222	<0.00002U	<0.00002U	<0.00002U				EPA6020	0.00002	0.2243233	98.424	LSM	02-25-2000 11:53
Cobalt	*	mg/L	0.00122	0.000227	0.000247	0.000789	0.000221	0.000313	0.000224				EPA6020	0.00002	2.5224391	103.637	LSM	02-25-2000 11:53
Chromium	*	mg/L	0.000617	<0.00005U	0.000656	0.000861	0.00102	0.000438	0.000322				EPA6020	0.00005	1.8851128	104.0975	LSM	02-25-2000 11:53
Copper	*	mg/L	0.00689	0.00761	0.00728	0.00543	0.00151	0.0106	0.00472				EPA6020	0.00005	0.8388206	99.95	LSM	02-25-2000 11:53
Nickel	*	mg/L	0.00750	0.000533J	0.00159	0.00258	0.00192	0.000611J	0.00246				EPA6020	0.0004	1.7437551	99.3675	LSM	02-25-2000 11:53
Lead	*	mg/L	0.000556	0.00103	0.00126	0.00119	0.000234J	0.000308J	0.000622				EPA6020	0.0001	0.6483192	101.5925	LSM	02-25-2000 11:53
Antimony	*	mg/L	<0.00022U	<0.00022U	<0.00022U	0.000956	<0.00022U	<0.00022U	<0.00022U				EPA6020	0.00022	1.4456686	107.62	LSM	02-25-2000 11:53
Selenium	*	mg/L	0.0119	0.000594J	0.000321J	0.00187	0.00421	0.00171	0.00473				EPA6020	0.00022	0.8871736	99.44	LSM	02-25-2000 11:53
Thallium	*	mg/L	0.00431	<0.00001U	<0.00001U	0.000298	0.00156	<0.00001U	0.00143				EPA6020	0.00001	0.2150560	102.0925	LSM	02-25-2000 11:53
Vanadium	*	mg/L	0.00403	0.000504	0.00578	0.00399	0.00329	0.00437	0.00332				EPA6020	0.00002	0.8232146	106.045	LSM	02-25-2000 11:53
Zinc	*	mg/L	0.0521	0.0193	0.000817	0.0239	<0.00015U	0.00342	0.0112				EPA6020	0.00015	1.2254580	96.5	LSM	02-25-2000 11:53
Dilution Factor	*	#	1	1	1	1	1	1	1				EPA5030	1			CLS	03-03-00
Acetone	*	ug/L	<1.4U	<1.4U	<1.4U	<1.4U	<1.4U	<1.4U	<1.4U				EPA8260	1.403	5.85	92.3	CLS	03-03-00
Acrylonitrile	*	ug/L	<2.44U	<2.44U	<2.44U	<2.44U	<2.44U	<2.44U	<2.44U				EPA8260	2.443			CLS	03-03-00
Benzene	*	ug/L	<0.252U	<0.252U	<0.252U	<0.252U	<0.252U	<0.252U	<0.252U				EPA8260	0.252	0.983	97.1	CLS	03-03-00
Bromobenzene	*	ug/L	<0.171U	<0.171U	<0.171U	<0.171U	<0.171U	<0.171U	<0.171U				EPA8260	0.171	0.736	91.2	CLS	03-03-00
Bromochloromethane	*	ug/L	<0.158U	<0.158U	<0.158U	<0.158U	<0.158U	<0.158U	<0.158U				EPA8260	0.158	0.375	113	CLS	03-03-00
Bromodichloromethane	*	ug/L	<0.441U	<0.441U	<0.441U	<0.441U	<0.441U	<0.441U	<0.441U				EPA8260	0.441	0	91.8	CLS	03-03-00
Bromoform	*	ug/L	<0.163U	<0.163U	<0.163U	<0.163U	<0.163U	<0.163U	<0.163U				EPA8260	0.163	1.14	86.7	CLS	03-03-00
Bromomethane	*	ug/L	<0.504U	<0.504U	<0.504U	<0.504U	<0.504U	<0.504U	<0.504U				EPA8260	0.504			CLS	03-03-00
n-butylbenzene	*	ug/L	<0.404U	<0.404U	<0.404U	<0.404U	<0.404U	<0.404U	<0.404U				EPA8260	0.404	0.234	75.4	CLS	03-03-00
sec-butylbenzene	*	ug/L	<0.381U	<0.381U	<0.381U	<0.381U	<0.381U	<0.381U	<0.381U				EPA8260	0.381	1.1	80.5	CLS	03-03-00
ter-butylbenzene	*	ug/L	<0.313U	<0.313U	<0.313U	<0.313U	<0.313U	<0.313U	<0.313U				EPA8260	0.313	0.494	85.8	CLS	03-03-00
Carbon disulfide	*	ug/L	<0.718U	<0.718U	<0.718U	<0.718U	<0.718U	<0.718U	<0.718U				EPA8260	0.718	12.6	101	CLS	03-03-00
Carbon tetrachloride	*	ug/L	<0.39U	<0.39U	<0.39U	<0.39U	<0.39U	<0.39U	<0.39U				EPA8260	0.39	3.01	97.5	CLS	03-03-00
Chlorobenzene	*	ug/L	<0.449	<0.449	<0.449	<0.449	<0.449	<0.449	<0.449				EPA8260	0.449	0.804	101	CLS	03-03-00
Chloroethane	*	ug/L	<0.305	<0.305	<0.305	<0.305	<0.305	<0.305	<0.305				EPA8260	0.305	12.3	95	CLS	03-03-00
Chloroform	*	ug/L	<0.251	<0.251	<0.251	<0.251	<0.251	<0.251	<0.251				EPA8260	0.251	1.11	95.5	CLS	03-03-00
Chloromethane	*	ug/L	<0.537	<0.537	<0.537	<0.537	<0.537	<0.537	<0.537				EPA8260	0.537	5.67	93.5	CLS	03-03-00
2-chlorotoluene	*	ug/L	<0.434U	<0.434U	<0.434U	<0.434U	<0.434U	<0.434U	<0.434U				EPA8260	0.434	0.0851	83.1	CLS	03-03-00
4-chlorotoluene	*	ug/L	<0.335U	<0.335U	<0.335U	<0.335U	<0.335U	<0.335U	<0.335U				EPA8260	0.335	0.0428	82.7	CLS	03-03-00
Dibromochloromethane	*	ug/L	<0.285U	<0.285U	<0.285U	<0.285U	<0.285U	<0.285U	<0.285U				EPA8260	0.285	0.467	106	CLS	03-03-00
1,2-dibromo-3-chloropropane	*	ug/L	<0.285U	<0.285U	<0.285U	<0.285U	<0.285U	<0.285U	<0.285U				EPA8260	0.285	0.975	72.6	CLS	03-03-00
1,2-dibromoethane	*	ug/L	<0.364U	<0.364U	<0.364U	<0.364U	<0.364U	<0.364U	<0.364U				EPA8260	0.364	0.11	96.6	CLS	03-03-00
Dibromomethane	*	ug/L	<0.402U	<0.402U	<0.402U	<0.402U	<0.402U	<0.402U	<0.402U				EPA8260	0.402	0.467	98.3	CLS	03-03-00
o-dichlorobenzene	*	ug/L	<0.212U	<0.212U	<0.212U	<0.212U	<0.212U	<0.212U	<0.212U				EPA8260	0.212	0.422	92.2	CLS	03-03-00
m-dichlorobenzene	*	ug/L	<0.249U	<0.249U	<0.249U	<0.249U	<0.249U	<0.249U	<0.249U				EPA8260	0.249	0.0771	91.7	CLS	03-03-00
Para-dichlorobenzene	*	ug/L	<0.375U	<0.375U	<0.375U	<0.375U	<0.375U	<0.375U	<0.375U				EPA8260	0.375	0.637	94.4	CLS	03-03-00
Dichlorodifluoromethane	*	ug/L	<0.226U	<0.226U	<0.226U	<0.226U	<0.226U	<0.226U	<0.226U				EPA8260	0.226	3.65	84.4	CLS	03-03-00
t-1,4-dichloro-2-butene	*	ug/L	<0.321U	<0.321U	<0.321U	<0.321U	<0.321U	<0.321U	<0.321U				EPA8260	0.321			CLS	03-03-00
1,1-dichloroethane	*	ug/L	<0.54U	<0.54U	<0.54U	<0.54U	<0.54U	<0.54U	<0.54U				EPA8260	0.54	0.324	98.3	CLS	03-03-00
1,2-dichloroethane	*	ug/L	<0.202U	<0.202U	<0.202U	<0.202U	<0.202U	<0.202U	<0.202U				EPA8260	0.202	0.15	94.5	CLS	03-03-00
1,1-dichloroethene	*	ug/L	<0.535U	<0.535U	<0.535U	<0.535U	<0.535U	<0.535U	<0.535U				EPA8260	0.535	7.66	101	CLS	03-03-00
cis-1,2-dichloroethene	*	ug/L	<0.307U	<0.307U	<0.307U	<0.307U	<0.307U	<0.307U	<0.307U				EPA8260	0.307	0.389	99.9	CLS	03-03-00
t-1,2-dichloroethene	*	ug/L	<0.538U	<0.538U	<0.538U	<0.538U	<0.538U	<0.538U	<0.538U				EPA8260	0.538	0.937	102	CLS	03-03-00
1,2-dichloroethene	*	ug/L	<0.743U	<0.743U	<0.743U	<0.743U	<0.743U	<0.743U	<0.743U				EPA8260	0.743	0.666	101	CLS	03-03-00

1,2-dichloropropane	*	ug/L	<0.434U	<0.434U	<0.434U	<0.434U	<0.434U	<0.434U					EPA8260	0.434	0.366	96.7	CLS	03-03-00	
1,3-dichloropropane	*	ug/L	<0.326U	<0.326U	<0.326U	<0.326U	<0.326U	<0.326U					EPA8260	0.326	0.254	97.6	CLS	03-03-00	
2,2-dichloropropane	*	ug/L	<0.701U	<0.701U	<0.701U	<0.701U	<0.701U	<0.701U					EPA8260	0.701	2.84	62.3	CLS	03-03-00	
1,1-dichloropropene	*	ug/L	<0.218U	<0.218U	<0.218U	<0.218U	<0.218U	<0.218U					EPA8260	0.218	1.25	93.4	CLS	03-03-00	
cis-1,3-dichloropropene	*	ug/L	<0.433U	<0.433U	<0.433U	<0.433U	<0.433U	<0.433U					EPA8260	0.433	1.14	86.9	CLS	03-03-00	
trans-1,3-dichloropropene	*	ug/L	<0.544U	<0.544U	<0.544U	<0.544U	<0.544U	<0.544U					EPA8260	0.544	1.14	86.9	CLS	03-03-00	
Ethylbenzene	*	ug/L	<0.452U	<0.452U	<0.452U	<0.452U	<0.452U	<0.452U					EPA8260	0.452	0.997	99.3	CLS	03-03-00	
Hexachlorobutadiene	*	ug/L	<0.388U	<0.388U	<0.388U	<0.388U	<0.388U	<0.388U					EPA8260	0.388	1.81	64.6	CLS	03-03-00	
2-Hexanone	*	ug/L	<0.347U	<0.347U	<0.347U	<0.347U	<0.347U	<0.347U					EPA8260	0.347	0.163	86.5	CLS	03-03-00	
Hexachloroethane	*	ug/L	<1U	<1U	<1U	<1U	<1U	<1U					EPA8260	1			CLS	03-03-00	
Isopropylbenzene	*	ug/L	<0.309U	<0.309U	<0.309U	<0.309U	<0.309U	<0.309U					EPA8260	0.309	0.257	82.4	CLS	03-03-00	
4-isopropyltoluene	*	ug/L	<0.303U	<0.303U	<0.303U	<0.303U	<0.303U	<0.303U					EPA8260	0.303	0.885	79.9	CLS	03-03-00	
Methylene chloride	*	ug/L	1.04	<0.241U	<0.241U	<0.241U	<0.241U	<0.241U					EPA8260	0.241	0.276	97.3	CLS	03-03-00	
Methyl-tert-butylether	*	ug/L	<0.563U	<0.563U	<0.563U	<0.563U	<0.563U	<0.563U					EPA8260	0.563	0.244	86.8	CLS	03-03-00	
2-butanone	*	ug/L	<0.884U	<0.884U	<0.884U	<0.884U	<0.884U	<0.884U					EPA8260	0.884	0.367	96.5	CLS	03-03-00	
Methyl iodide	*	ug/L	<0.411U	<0.411U	<0.411U	<0.411U	<0.411U	<0.411U					EPA8260	0.411	8.86	103	CLS	03-03-00	
4-methyl-2-pentanone	*	ug/L	<0.938U	<0.938U	<0.938U	<0.938U	<0.938U	<0.938U					EPA8260	0.938	0.46	84.6	CLS	03-03-00	
Naphthalene	*	ug/L	<0.718U	<0.718U	<0.718U	<0.718U	<0.718U	<0.718U					EPA8260	0.718	1.89	90	CLS	03-03-00	
Propylbenzene	*	ug/L	<0.317U	<0.317U	<0.317U	<0.317U	<0.317U	<0.317U					EPA8260	0.317	0.0423	83.5	CLS	03-03-00	
Styrene	*	ug/L	<0.382U	<0.382U	<0.382U	<0.382U	<0.382U	<0.382U					EPA8260	0.382	0.712	99.3	CLS	03-03-00	
1,1,1,2-tetrachloroethane	*	ug/L	<0.405U	<0.405U	<0.405U	<0.405U	<0.405U	<0.405U					EPA8260	0.405	0.494	107	CLS	03-03-00	
1,1,2,2-tetrachloroethane	*	ug/L	<0.499U	<0.499U	<0.499U	<0.499U	<0.499U	<0.499U					EPA8260	0.499	0.118	89.6	CLS	03-03-00	
Tetrachloroethene	*	ug/L	<0.458U	<0.458U	<0.458U	<0.458U	<0.458U	<0.458U					EPA8260	0.458	0.441	104	CLS	03-03-00	
Toluene	*	ug/L	<0.457U	<0.457U	<0.457U	<0.457U	<0.457U	<0.457U					EPA8260	0.457	0.911	97	CLS	03-03-00	
1,2,3-trichlorobenzene	*	ug/L	<0.531U	<0.531U	<0.531U	<0.531U	<0.531U	<0.531U					EPA8260	0.531	1	88.4	CLS	03-03-00	
1,2,4-trichlorobenzene	*	ug/L	<0.514U	<0.514U	<0.514U	<0.514U	<0.514U	<0.514U					EPA8260	0.514	1.06	86.8	CLS	03-03-00	
1,1,1-trichloroethane	*	ug/L	<0.181U	<0.181U	<0.181U	<0.181U	<0.181U	<0.181U					EPA8260	0.181	1.59	93.2	CLS	03-03-00	
1,1,2-trichloroethane	*	ug/L	<0.443U	<0.443U	<0.443U	<0.443U	<0.443U	<0.443U					EPA8260	0.443	0.455	101	CLS	03-03-00	
Trichloroethene	*	ug/L	<0.537U	<0.537U	<0.537U	<0.537U	<0.537U	<0.537U					EPA8260	0.537	0.382	102	CLS	03-03-00	
Trichlorofluoromethane	*	ug/L	<0.421U	<0.421U	<0.421U	<0.421U	<0.421U	<0.421U					EPA8260	0.421	1.52	95.4	CLS	03-03-00	
1,2,3-trichloropropane	*	ug/L	<0.519U	<0.519U	<0.519U	<0.519U	<0.519U	<0.519U					EPA8260	0.519	0.453	125	CLS	03-03-00	
1,2,4-trimethylbenzene	*	ug/L	<0.255U	<0.255U	<0.255U	<0.255U	<0.255U	<0.255U					EPA8260	0.255	0.302	81.9	CLS	03-03-00	
1,3,5-trimethylbenzene	*	ug/L	<0.295U	<0.295U	<0.295U	<0.295U	<0.295U	<0.295U					EPA8260	0.295	0.519	81.7	CLS	03-03-00	
Vinyl acetate	*	ug/L	<1.36U	<1.36U	<1.36U	<1.36U	<1.36U	<1.36U					EPA8260	1.36			CLS	03-03-00	
Vinyl chloride	*	ug/L	<0.459U	<0.459U	<0.459U	<0.459U	<0.459U	<0.459U					EPA8260	0.459	0.933	90.9	CLS	03-03-00	
Xylene	*	ug/L	<0.805U	<0.805U	<0.805U	<0.805U	<0.805U	<0.805U					EPA8260	0.805	0.624	102	CLS	03-03-00	
Surrogate_Spike1	*	ug/L	29.2	29.3	29.6	29.3	29.5	29.7					EPA8260	1	0.816	95.4	CLS	03-03-00	
Surrogate_Spike2	*	ug/L	29.2	29.6	29.6	29.5	29.6	29.3					EPA8260	1	0.12	97.9	CLS	03-03-00	
Surrogate_Spike3	*	ug/L	27.7	26.8	26.4	26.2	26.7	26.3					EPA8260	1	0.776	94.2	CLS	03-03-00	
-	*	-											-	0.001					
Date Received:			02-24-00			Typed:			03-06-00			Sent:			03-06-00				
Project Number	Resource Recovery		Qualifier Key																
PO Number	111887		J		Surrogate recovery limits have been exceeded; No known quality control criteria exists for the component;														
Date Sampled	1 02-23-00 *				The sample matrix interfered with the ability to make any accurate determination;														
Date Analyzed	0				The reported value is between the MDL and the PQL.														
Compacted	1		Q		Sample held beyond the accepted holding time.														
Format	NormRR		U		Indicates that the compound was analyzed for but not detected.														
Unit Cost	Exted		V		Indicates that the analyte was detected in both the sample and the associated method blank.														
Appendix I	18500 7 *																		

Quality Assurance Report

Prepared for: Pasco Co. Utilities Env. Lab
Project Number: Resource Recovery
Lab Numbers: 7157 - 7163

Report date: 6-Mar-00



**FLOWERS
CHEMICAL
LABORATORIES**

**QA
SDG Narrative
Summary**

Client:	Pasco Co. Utilities Env. Lab
Project Number:	Resource Recovery
P.O. Number:	111887
Date Sampled:	23-Feb-00
Lab Numbers:	7157 - 7163

Sample Handling

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

Samples Collected by Submitter. No unusual events occurred 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 1 compound in the matrix spike as shown in section 2. This represents a 98.8% success rate.

The recovery limits were exceeded for 2 compounds in the matrix spike duplicate as shown in section 2. This represents a 97.5% success rate.

The RSD was exceeded for 1 compound as shown in section 2. This represents a 98.8% success rate.

Method Blanks:

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

QCCS Check Sample:

The control limits were exceeded for 4 compounds as shown in section 4. This represents a 95.1% success rate.

Standards Traceability:

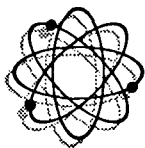
The t-test limits were met for all calibration standards as shown in section 5.

The t-test limits were exceeded for 6 QCCS standards as shown in section 5. This represents a 92.7% success rate.

The t-test limits were exceeded for 6 matrix spike standards as shown in section 5.

This represents a 92.7% success rate.

There were 2 standard blanks.



FLOWERS CHEMICAL LABORATORIES, INC.

QA Section 1

Surrogate Compound Recovery

Client: Pasco Co. Utilities Env. Lab
Project Number: Resource Recovery
P.O. Number: 111887
Date Sampled: 23-Feb-00
Lab Numbers: 7157 - 7163

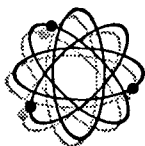
Surrogate_Spike1 for EPA8260

Surrogate Expected: 30

Unit of measure: ug/L

Acceptability Limits: 18.7 - 38.9

Laboratory Number	Site Description	Surrogate Recovered	Percent Recovered
7157	4MW1	29.2	97.3
7158	2MW2	29.3	97.7
7159	4MW2	29.6	98.7
7160	4MW4	29.3	97.7
7161	4MW5	29.5	98.3
7162	4MW6	29.7	99.0
7163	4MW5 Dup	29.7	99.0



FLOWERS CHEMICAL LABORATORIES, INC.

QA Section 1

Surrogate Compound Recovery

Client: Pasco Co. Utilities Env. Lab
Project Number: Resource Recovery
P.O. Number: 111887
Date Sampled: 23-Feb-00
Lab Numbers: 7157 - 7163

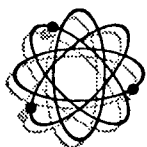
Surrogate_Spike2 for EPA8260

Surrogate Expected: 30

Unit of measure: ug/L

Acceptability Limits: 26 - 32.3

Laboratory Number	Site Description	Surrogate Recovered	Percent Recovered
7157	4MW1	29.2	97.3
7158	2MW2	29.6	98.7
7159	4MW2	29.6	98.7
7160	4MW4	29.5	98.3
7161	4MW5	29.6	98.7
7162	4MW6	29.3	97.7
7163	4MW5 Dup	29.8	99.3



FLOWERS CHEMICAL LABORATORIES, INC.

QA Section 1

Surrogate Compound Recovery

Client: Pasco Co. Utilities Env. Lab
Project Number: Resource Recovery
P.O. Number: 111887
Date Sampled: 23-Feb-00
Lab Numbers: 7157 - 7163

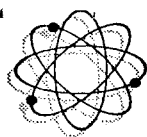
Surrogate_Spike3 for EPA8260

Surrogate Expected: 30

Unit of measure: ug/L

Acceptability Limits: 21.3 - 33.1

Laboratory Number	Site Description	Surrogate Recovered	Percent Recovered
7157	4MW1	27.7	92.3
7158	2MW2	26.8	89.3
7159	4MW2	26.4	88.0
7160	4MW4	26.2	87.3
7161	4MW5	26.7	89.0
7162	4MW6	26.3	87.7
7163	4MW5 Dup	25.5	85.0



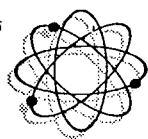
FLOWERS CHEMICAL LABORATORIES, INC.

QA Section 2

Matrix Spike Recovery

Client: Pasco Co. Utilities Env. Lab
Project Number: Resource Recovery
P.O. Number: 111887
Date Sampled: 23-Feb-00
Lab Numbers: 7157 - 7163

Analyte	Unit	Analysis Method	Date	Spike Added	Sample Conc.	MS Conc.	MS Rec.	MSD Conc.	MSD Rec.	Acceptable Limits	STD Rec.	Acceptable Limits
Silver	mg/L	EPA6020	25-2000 1	0.2222	0.001	0.224	101%	0.226	102%	0.142 - 0.292	0.002	0 - 0.049
Arsenic	mg/L	EPA6020	25-2000 1	0.2222	0.001	0.238	107%	0.237	106%	0.181 - 0.276	0.001	0 - 0.029
Barium	mg/L	EPA6020	25-2000 1	0.2222	0.007	0.241	105%	0.239	104%	0.178 - 0.289	0.002	0 - 0.032
Beryllium	mg/L	EPA6020	25-2000 1	0.2222	0.0002	0.271	122%	0.268	121%	0.151 - 0.325	0.002	0 - 0.043
Cadmium	mg/L	EPA6020	25-2000 1	0.2222	0.000	0.219	98.4%	0.219	98.7%	0.179 - 0.269	0.000	0 - 0.027
Cobalt	mg/L	EPA6020	25-2000 1	0.2222	0.000	0.231	104%	0.237	107%	0.160 - 0.284	0.005	0 - 0.037
Chromium	mg/L	EPA6020	25-2000 1	0.2222	0.001	0.232	104%	0.237	106%	0.169 - 0.278	0.004	0 - 0.032
Copper	mg/L	EPA6020	25-2000 1	0.2222	0.011	0.233	100%	0.236	101%	0.156 - 0.294	0.002	0 - 0.038
Nickel	mg/L	EPA6020	25-2000 1	0.2222	0.003	0.223	99.4%	0.228	101%	0.154 - 0.283	0.003	0 - 0.035
Lead	mg/L	EPA6020	25-2000 1	0.2222	0.001	0.227	102%	0.228	102%	0.180 - 0.278	0.001	0 - 0.027
Antimony	mg/L	EPA6020	25-2000 1	0.2222	0.001	0.240	108%	0.236	106%	0.171 - 0.289	0.003	0 - 0.037
Selenium	mg/L	EPA6020	25-2000 1	0.2222	0.002	0.223	99.4%	0.221	98.4%	0.171 - 0.281	0.002	0 - 0.032
Thallium	mg/L	EPA6020	25-2000 1	0.2222	0.001	0.228	102%	0.229	102%	0.173 - 0.289	0.000	0 - 0.036
Vanadium	mg/L	EPA6020	25-2000 1	0.2222	0.002	0.238	106%	0.240	107%	0.169 - 0.298	0.002	0 - 0.042
Zinc	mg/L	EPA6020	25-2000 1	0.2222	0.064	0.279	96.5%	0.283	98.3%	0.176 - 0.370	0.003	0 - 0.043
Acetone	ug/L	EPA8260	03-03-00	200	<1.403	192	96.0%	177	88.5%	84.8 - 308	10.6	0 - 56.2
Benzene	ug/L	EPA8260	03-03-00	20	<0.252	19.6	98.0%	19.3	96.5%	12.9 - 24.9	0.212	0 - 3.76
Bromobenzene	ug/L	EPA8260	03-03-00	20	<0.171	18.2	91.0%	18.3	91.5%	14.6 - 24.0	0.071	0 - 2.86
Bromochloromethane	ug/L	EPA8260	03-03-00	20	<0.158	22.6	113%	22.7	114%	14.2 - 24.9	0.071	0 - 3.27
Bromodichloromethane	ug/L	EPA8260	03-03-00	20	<0.441	18.4	92.0%	18.4	92.0%	14.5 - 25.1	0.000	0 - 2.94
Bromoform	ug/L	EPA8260	03-03-00	20	<0.163	17.2	86.0%	17.5	87.5%	12.3 - 26.5	0.212	0 - 3.96
Bromomethane	ug/L	EPA8260	03-03-00	20	<0.504	18.0	90.0%	36.8	184%	12.8 - 27.2	13.3	0 - 5.48
n-butylbenzene	ug/L	EPA8260	03-03-00	20	<0.404	15.1	75.5%	15.1	75.5%	13.7 - 24.1	0.000	0 - 2.83
sec-butylbenzene	ug/L	EPA8260	03-03-00	20	<0.381	16.2	81.0%	16.0	80.0%	14.7 - 23.8	0.141	0 - 2.60
tert-butylbenzene	ug/L	EPA8260	03-03-00	20	<0.313	17.2	86.0%	17.1	85.5%	14.7 - 24.4	0.071	0 - 2.61
Carbon disulfide	ug/L	EPA8260	03-03-00	20	<0.718	22.0	110%	18.4	92.0%	9.36 - 30.0	2.55	0 - 4.84
Carbon tetrachloride	ug/L	EPA8260	03-03-00	20	<0.39	19.9	99.5%	19.1	95.5%	11.4 - 28.0	0.566	0 - 4.29
Chlorobenzene	ug/L	EPA8260	03-03-00	20	<0.449	20.3	102%	20.1	101%	15.9 - 23.7	0.141	0 - 2.44
Chloroethane	ug/L	EPA8260	03-03-00	20	<0.305	17.4	87.0%	20.7	104%	11.3 - 27.0	2.33	0 - 4.42
Chloroform	ug/L	EPA8260	03-03-00	20	<0.251	19.2	96.0%	18.9	94.5%	13.4 - 26.1	0.212	0 - 4.22
Chloromethane	ug/L	EPA8260	03-03-00	20	<0.537	19.5	97.5%	18.0	90.0%	10.8 - 25.6	1.06	0 - 3.90
2-chlorotoluene	ug/L	EPA8260	03-03-00	20	<0.434	16.6	83.0%	16.6	83.0%	14.4 - 24.3	0.000	0 - 2.70
4-chlorotoluene	ug/L	EPA8260	03-03-00	20	<0.335	16.5	82.5%	16.5	82.5%	14.2 - 23.8	0.000	0 - 2.48
Dibromochloromethane	ug/L	EPA8260	03-03-00	20	<0.285	21.3	107%	21.1	106%	14.8 - 24.9	0.141	0 - 2.83
1,2-dibromo-3-chloropropane	ug/L	EPA8260	03-03-00	20	<0.285	14.4	72.0%	14.6	73.0%	11.7 - 26.7	0.141	0 - 4.02



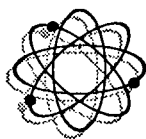
FLOWERS CHEMICAL LABORATORIES, INC.

QA Section 2

Matrix Spike Recovery

Client: Pasco Co. Utilities Env. Lab
Project Number: Resource Recovery
P.O. Number: 111887
Date Sampled: 23-Feb-00
Lab Numbers: 7157 - 7163

Analyte	Unit	Analysis Method	Date	Spike Added	Sample Conc.	MS Conc.	MS Rec.	MSD Conc.	MSD Rec.	Acceptable Limits	STD Rec.	Acceptable Limits
1,2-dibromoethane	ug/L	EPA8260	03-03-00	20	<0.364	19.3	96.5%	19.3	96.5%	14.9 - 24.7	0.000	0 - 3.37
Dibromomethane	ug/L	EPA8260	03-03-00	20	<0.402	19.6	98.0%	19.7	98.5%	15.3 - 24.5	0.071	0 - 2.93
o-dichlorobenzene	ug/L	EPA8260	03-03-00	20	<0.212	18.5	92.5%	18.4	92.0%	14.3 - 24.6	0.071	0 - 2.74
m-dichlorobenzene	ug/L	EPA8260	03-03-00	20	<0.249	18.3	91.5%	18.4	92.0%	14.4 - 24.2	0.071	0 - 2.70
Para-dichlorobenzene	ug/L	EPA8260	03-03-00	20	<0.375	19.0	95.0%	18.8	94.0%	14.3 - 24.1	0.141	0 - 2.70
Dichlorodifluoromethane	ug/L	EPA8260	03-03-00	20	<0.226	17.3	86.5%	16.4	82.0%	8.38 - 26.3	0.636	0 - 4.71
1,1-dichloroethane	ug/L	EPA8260	03-03-00	20	<0.54	19.6	98.0%	19.7	98.5%	12.5 - 26.9	0.071	0 - 3.78
1,2-dichloroethane	ug/L	EPA8260	03-03-00	20	<0.202	18.9	94.5%	18.9	94.5%	13.0 - 25.9	0.000	0 - 3.53
1,1-dichloroethene	ug/L	EPA8260	03-03-00	20	<0.535	21.2	106%	19.0	95.0%	12.6 - 25.9	1.56	0 - 4.31
cis-1,2-dichloroethene	ug/L	EPA8260	03-03-00	20	<0.307	20.0	100%	19.9	99.5%	13.9 - 25.2	0.071	0 - 3.33
t-1,2-dichloroethene	ug/L	EPA8260	03-03-00	20	<0.538	20.5	103%	20.3	102%	12.0 - 26.4	0.141	0 - 3.76
1,2-dichloroethene	ug/L	EPA8260	03-03-00	40	<0.743	40.6	102%	40.2	101%	27.4 - 50.6	0.283	0 - 6.19
1,2-dichloropropane	ug/L	EPA8260	03-03-00	20	<0.434	19.3	96.5%	19.4	97.0%	14.1 - 25.3	0.071	0 - 3.06
1,3-dichloropropane	ug/L	EPA8260	03-03-00	20	<0.326	19.5	97.5%	19.6	98.0%	14.7 - 25.1	0.071	0 - 2.99
2,2-dichloropropane	ug/L	EPA8260	03-03-00	20	<0.701	12.7	63.5%	12.2	61.0%	6.14 - 26.1	0.354	0 - 5.94
1,1-dichloropropene	ug/L	EPA8260	03-03-00	20	<0.218	18.9	94.5%	18.5	92.5%	13.1 - 24.5	0.283	0 - 3.36
cis-1,3-dichloropropene	ug/L	EPA8260	03-03-00	20	<0.433	17.2	86.0%	17.5	87.5%	14.5 - 24.1	0.212	0 - 3.02
trans-1,3-dichloropropene	ug/L	EPA8260	03-03-00	20	<0.544	17.2	86.0%	17.5	87.5%	13.3 - 25.1	0.212	0 - 3.47
Ethylbenzene	ug/L	EPA8260	03-03-00	20	<0.452	20.0	100%	19.7	98.5%	14.7 - 23.8	0.212	0 - 2.87
Hexachlorobutadiene	ug/L	EPA8260	03-03-00	20	<0.388	13.1	65.5%	12.8	64.0%	14.1 - 24.5	0.212	0 - 3.21
2-Hexanone	ug/L	EPA8260	03-03-00	20	<0.347	17.3	86.5%	17.3	86.5%	10.6 - 27.7	0.000	0 - 3.98
Isopropylbenzene	ug/L	EPA8260	03-03-00	20	<0.309	16.5	82.5%	16.5	82.5%	13.1 - 24.8	0.000	0 - 3.28
4-isopropyltoluene	ug/L	EPA8260	03-03-00	20	<0.303	16.1	80.5%	15.9	79.5%	15.0 - 23.3	0.141	0 - 2.74
Methylene chloride	ug/L	EPA8260	03-03-00	20	1.04	20.5	97.3%	20.5	97.3%	12.7 - 29.4	0.000	0 - 4.59
Methyl-tert-butylether	ug/L	EPA8260	03-03-00	20	<0.563	17.4	87.0%	17.3	86.5%	8.86 - 27.3	0.071	0 - 4.54
2-butanone	ug/L	EPA8260	03-03-00	20	<0.884	19.2	96.0%	19.3	96.5%	8.46 - 30.3	0.071	0 - 6.09
Methyl iodide	ug/L	EPA8260	03-03-00	20	<0.411	21.8	109%	19.2	96.0%	10.0 - 31.6	1.84	0 - 4.91
4-methyl-2-pentanone	ug/L	EPA8260	03-03-00	20	<0.938	17.0	85.0%	16.9	84.5%	7.68 - 27.1	0.071	0 - 4.32
Naphthalene	ug/L	EPA8260	03-03-00	20	<0.718	17.8	89.0%	18.2	91.0%	12.0 - 27.0	0.283	0 - 4.50
Propylbenzene	ug/L	EPA8260	03-03-00	20	<0.317	16.7	83.5%	16.7	83.5%	14.5 - 23.8	0.000	0 - 2.53
Styrene	ug/L	EPA8260	03-03-00	20	<0.382	20.0	100%	19.8	99.0%	13.0 - 28.2	0.141	0 - 4.20
1,1,1,2-tetrachloroethane	ug/L	EPA8260	03-03-00	20	<0.405	21.5	108%	21.4	107%	15.2 - 24.6	0.071	0 - 3.17
1,1,2,2-tetrachloroethane	ug/L	EPA8260	03-03-00	20	<0.499	17.9	89.5%	17.9	89.5%	11.6 - 25.8	0.000	0 - 3.92
Tetrachloroethene	ug/L	EPA8260	03-03-00	20	<0.458	20.9	105%	20.8	104%	9.98 - 28.2	0.071	0 - 5.11
Toluene	ug/L	EPA8260	03-03-00	20	<0.457	19.5	97.5%	19.3	96.5%	14.0 - 24.3	0.141	0 - 3.13



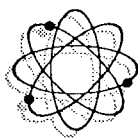
FLOWERS CHEMICAL LABORATORIES, INC.

QA Section 2

Matrix Spike Recovery

Client: Pasco Co. Utilities Env. Lab
Project Number: Resource Recovery
P.O. Number: 111887
Date Sampled: 23-Feb-00
Lab Numbers: 7157 - 7163

Analyte	Unit	Analysis Method	Date	Spike Added	Sample Conc.	MS Conc.	MS Rec.	MSD Conc.	MSD Rec.	Acceptable Limits	STD Rec.	Acceptable Limits
1,2,3-trichlorobenzene	ug/L	EPA8260	03-03-00	20	<0.531	17.6	88.0%	17.8	89.0%	12.7 - 26.4	0.141	0 - 4.17
1,2,4-trichlorobenzene	ug/L	EPA8260	03-03-00	20	<0.514	17.2	86.0%	17.5	87.5%	13.0 - 25.7	0.212	0 - 3.83
1,1,1-trichloroethane	ug/L	EPA8260	03-03-00	20	<0.181	18.8	94.0%	18.4	92.0%	13.2 - 25.6	0.283	0 - 3.40
1,1,2-trichloroethane	ug/L	EPA8260	03-03-00	20	<0.443	20.1	101%	20.3	102%	14.9 - 24.9	0.141	0 - 3.15
Trichloroethene	ug/L	EPA8260	03-03-00	20	<0.537	20.3	102%	20.4	102%	12.8 - 29.2	0.071	0 - 4.27
Trichlorofluoromethane	ug/L	EPA8260	03-03-00	20	<0.421	19.3	96.5%	18.9	94.5%	8.16 - 28.4	0.283	0 - 4.92
1,2,3-trichloropropane	ug/L	EPA8260	03-03-00	20	<0.519	24.9	125%	25.1	126%	11.5 - 27.6	0.141	0 - 4.10
1,2,4-trimethylbenzene	ug/L	EPA8260	03-03-00	20	<0.255	16.4	82.0%	16.3	81.5%	13.6 - 24.8	0.071	0 - 3.43
1,3,5-trimethylbenzene	ug/L	EPA8260	03-03-00	20	<0.295	16.4	82.0%	16.3	81.5%	14.4 - 24.0	0.071	0 - 2.74
Vinyl chloride	ug/L	EPA8260	03-03-00	20	<0.459	18.3	91.5%	18.1	90.5%	11.2 - 27.5	0.141	0 - 4.98
Xylene	ug/L	EPA8260	03-03-00	60	<0.805	61.5	103%	61.0	102%	44.1 - 71.8	0.354	0 - 8.26



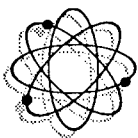
FLOWERS CHEMICAL LABORATORIES, INC.

QA Section 3

Method Blank Report

Client: Pasco Co. Utilities Env. Lab
Project Number: Resource Recovery
P.O. Number: 111887
Date Sampled: 23-Feb-00
Lab Numbers: 7157 - 7163

Analyte	Unit	Method	Date	Concentration
Silver	mg/L	EPA6020	02-25-2000 11:53	<0.00005
Arsenic	mg/L	EPA6020	02-25-2000 11:53	<0.00002
Barium	mg/L	EPA6020	02-25-2000 11:53	<0.0002
Beryllium	mg/L	EPA6020	02-25-2000 11:53	<0.00028
Cadmium	mg/L	EPA6020	02-25-2000 11:53	<0.00002
Cobalt	mg/L	EPA6020	02-25-2000 11:53	<0.00002
Chromium	mg/L	EPA6020	02-25-2000 11:53	<0.00005
Copper	mg/L	EPA6020	02-25-2000 11:53	<0.00005
Nickel	mg/L	EPA6020	02-25-2000 11:53	<0.0004
Lead	mg/L	EPA6020	02-25-2000 11:53	<0.0001
Antimony	mg/L	EPA6020	02-25-2000 11:53	<0.00022
Selenium	mg/L	EPA6020	02-25-2000 11:53	<0.00022
Thallium	mg/L	EPA6020	02-25-2000 11:53	<0.00001
Vanadium	mg/L	EPA6020	02-25-2000 11:53	<0.00002
Zinc	mg/L	EPA6020	02-25-2000 11:53	<0.00015
Acetone	ug/L	EPA8260	03-03-00	<1.403
Acrylonitrile	ug/L	EPA8260	03-03-00	<2.443
Benzene	ug/L	EPA8260	03-03-00	<0.252
Bromobenzene	ug/L	EPA8260	03-03-00	<0.171
Bromochloromethane	ug/L	EPA8260	03-03-00	<0.158
Bromodichloromethane	ug/L	EPA8260	03-03-00	<0.441
Bromoform	ug/L	EPA8260	03-03-00	<0.163
Bromomethane	ug/L	EPA8260	03-03-00	<0.504
n-butylbenzene	ug/L	EPA8260	03-03-00	<0.404
sec-butylbenzene	ug/L	EPA8260	03-03-00	<0.381
tert-butylbenzene	ug/L	EPA8260	03-03-00	<0.313
Carbon disulfide	ug/L	EPA8260	03-03-00	<0.718
Carbon tetrachloride	ug/L	EPA8260	03-03-00	<0.39
Chlorobenzene	ug/L	EPA8260	03-03-00	<0.449



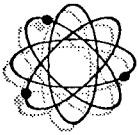
FLOWERS CHEMICAL LABORATORIES, INC.

QA Section 3

Method Blank Report

Client: Pasco Co. Utilities Env. Lab
Project Number: Resource Recovery
P.O. Number: 111887
Date Sampled: 23-Feb-00
Lab Numbers: 7157 - 7163

Analyte	Unit	Method	Date	Concentration
Chloroethane	ug/L	EPA8260	03-03-00	<0.305
Chloroform	ug/L	EPA8260	03-03-00	<0.251
Chloromethane	ug/L	EPA8260	03-03-00	<0.537
2-chlorotoluene	ug/L	EPA8260	03-03-00	<0.434
4-chlorotoluene	ug/L	EPA8260	03-03-00	<0.335
Dibromochloromethane	ug/L	EPA8260	03-03-00	<0.285
1,2-dibromo-3-chloropropane	ug/L	EPA8260	03-03-00	<0.285
1,2-dibromoethane	ug/L	EPA8260	03-03-00	<0.364
Dibromomethane	ug/L	EPA8260	03-03-00	<0.402
o-dichlorobenzene	ug/L	EPA8260	03-03-00	<0.212
m-dichlorobenzene	ug/L	EPA8260	03-03-00	<0.249
Para-dichlorobenzene	ug/L	EPA8260	03-03-00	<0.375
Dichlorodifluoromethane	ug/L	EPA8260	03-03-00	<0.226
t-1,4-dichloro-2-butene	ug/L	EPA8260	03-03-00	<0.321
1,1-dichloroethane	ug/L	EPA8260	03-03-00	<0.54
1,2-dichloroethane	ug/L	EPA8260	03-03-00	<0.202
1,1-dichloroethene	ug/L	EPA8260	03-03-00	<0.535
cis-1,2-dichloroethene	ug/L	EPA8260	03-03-00	<0.307
t-1,2-dichloroethene	ug/L	EPA8260	03-03-00	<0.538
1,2-dichloroethene	ug/L	EPA8260	03-03-00	<0.743
1,2-dichloropropane	ug/L	EPA8260	03-03-00	<0.434
1,3-dichloropropane	ug/L	EPA8260	03-03-00	<0.326
2,2-dichloropropane	ug/L	EPA8260	03-03-00	<0.701
1,1-dichloropropene	ug/L	EPA8260	03-03-00	<0.218
cis-1,3-dichloropropene	ug/L	EPA8260	03-03-00	<0.433
trans-1,3,-dichloropropene	ug/L	EPA8260	03-03-00	<0.544
Ethylbenzene	ug/L	EPA8260	03-03-00	<0.452
Hexachlorobutadiene	ug/L	EPA8260	03-03-00	<0.388
2-Hexanone	ug/L	EPA8260	03-03-00	<0.347



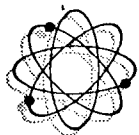
FLOWERS CHEMICAL LABORATORIES, INC.

QA Section 3

Method Blank Report

Client: Pasco Co. Utilities Env. Lab
Project Number: Resource Recovery
P.O. Number: 111887
Date Sampled: 23-Feb-00
Lab Numbers: 7157 - 7163

Analyte	Unit	Method	Date	Concentration
Hexachloroethane	ug/L	EPA8260	03-03-00	<1
Isopropylbenzene	ug/L	EPA8260	03-03-00	<0.309
4-isopropyltoluene	ug/L	EPA8260	03-03-00	<0.303
Methylene chloride	ug/L	EPA8260	03-03-00	<0.241
Methyl-tert-butylether	ug/L	EPA8260	03-03-00	<0.563
2-butanone	ug/L	EPA8260	03-03-00	<0.884
Methyl iodide	ug/L	EPA8260	03-03-00	<0.411
4-methyl-2-pentanone	ug/L	EPA8260	03-03-00	<0.938
Naphthalene	ug/L	EPA8260	03-03-00	<0.718
Propylbenzene	ug/L	EPA8260	03-03-00	<0.317
Styrene	ug/L	EPA8260	03-03-00	<0.382
1,1,1,2-tetrachloroethane	ug/L	EPA8260	03-03-00	<0.405
1,1,2,2-tetrachloroethane	ug/L	EPA8260	03-03-00	<0.499
Tetrachloroethene	ug/L	EPA8260	03-03-00	<0.458
Toluene	ug/L	EPA8260	03-03-00	<0.457
1,2,3-trichlorobenzene	ug/L	EPA8260	03-03-00	<0.531
1,2,4-trichlorobenzene	ug/L	EPA8260	03-03-00	<0.514
1,1,1-trichloroethane	ug/L	EPA8260	03-03-00	<0.181
1,1,2-trichloroethane	ug/L	EPA8260	03-03-00	<0.443
Trichloroethene	ug/L	EPA8260	03-03-00	<0.537
Trichlorofluoromethane	ug/L	EPA8260	03-03-00	<0.421
1,2,3-trichloropropane	ug/L	EPA8260	03-03-00	<0.519
1,2,4-trimethylbenzene	ug/L	EPA8260	03-03-00	<0.255
1,3,5-trimethylbenzene	ug/L	EPA8260	03-03-00	<0.295
Vinyl acetate	ug/L	EPA8260	03-03-00	<1.36
Vinyl chloride	ug/L	EPA8260	03-03-00	<0.459
Xylene	ug/L	EPA8260	03-03-00	<0.805



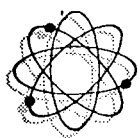
FLOWERS CHEMICAL LABORATORIES, INC.

QA Section 4

QCCS Sample Recovery

Client: Pasco Co. Utilities Env. Lab
Project Number: Resource Recovery
P.O. Number: 111887
Date Sampled: 23-Feb-00
Lab Numbers: 7157 - 7163

Analyte	Unit	Method	Date	QCCS Expected	QCCS Measured	Rec. %	Acceptable Limits
Silver	mg/L	EPA6020	2-25-2000 11:5	0.200	0.226	113%	0.172 - 0.230
Arsenic	mg/L	EPA6020	2-25-2000 11:5	0.200	0.219	110%	0.177 - 0.219
Barium	mg/L	EPA6020	2-25-2000 11:5	0.200	0.205	102%	0.174 - 0.230
Beryllium	mg/L	EPA6020	2-25-2000 11:5	0.200	0.216	108%	0.138 - 0.268
Cadmium	mg/L	EPA6020	2-25-2000 11:5	0.200	0.211	105%	0.177 - 0.223
Cobalt	mg/L	EPA6020	2-25-2000 11:5	0.200	0.227	113%	0.166 - 0.233
Chromium	mg/L	EPA6020	2-25-2000 11:5	0.200	0.227	113%	0.168 - 0.227
Copper	mg/L	EPA6020	2-25-2000 11:5	0.200	0.219	110%	0.159 - 0.234
Nickel	mg/L	EPA6020	2-25-2000 11:5	0.200	0.218	109%	0.164 - 0.230
Lead	mg/L	EPA6020	2-25-2000 11:5	0.200	0.225	112%	0.171 - 0.237
Antimony	mg/L	EPA6020	2-25-2000 11:5	0.200	0.215	108%	0.172 - 0.221
Selenium	mg/L	EPA6020	2-25-2000 11:5	0.200	0.212	106%	0.170 - 0.230
Thallium	mg/L	EPA6020	2-25-2000 11:5	0.200	0.220	110%	0.170 - 0.237
Vanadium	mg/L	EPA6020	2-25-2000 11:5	0.200	0.226	113%	0.171 - 0.232
Zinc	mg/L	EPA6020	2-25-2000 11:5	0.200	0.209	104%	0.160 - 0.233
Acetone	ug/L	EPA8260	03-03-00	100	93.5	93.5%	42.3 - 156
Benzene	ug/L	EPA8260	03-03-00	10.0	9.10	91.0%	6.24 - 13.3
Bromobenzene	ug/L	EPA8260	03-03-00	10.0	7.93	79.3%	6.98 - 12.6
Bromochloromethane	ug/L	EPA8260	03-03-00	10.0	10.3	103%	7.14 - 12.2
Bromodichloromethane	ug/L	EPA8260	03-03-00	10.0	7.95	79.5%	7.21 - 12.4
Bromoform	ug/L	EPA8260	03-03-00	10.0	7.20	72.0%	5.99 - 13.4
Bromomethane	ug/L	EPA8260	03-03-00	10.0	14.7	147%	5.82 - 14.6
n-butylbenzene	ug/L	EPA8260	03-03-00	10.0	6.43	64.3%	6.56 - 12.4
sec-butylbenzene	ug/L	EPA8260	03-03-00	10.0	7.10	71.0%	6.93 - 12.6
tert-butylbenzene	ug/L	EPA8260	03-03-00	10.0	7.50	75.0%	6.49 - 13.5
Carbon disulfide	ug/L	EPA8260	03-03-00	10.0	8.90	89.0%	4.83 - 15.6
Carbon tetrachloride	ug/L	EPA8260	03-03-00	10.0	9.21	92.1%	5.71 - 13.8
Chlorobenzene	ug/L	EPA8260	03-03-00	10.0	9.34	93.4%	7.70 - 12.3
Chloroethane	ug/L	EPA8260	03-03-00	10.0	9.50	95.0%	4.71 - 14.9
Chloroform	ug/L	EPA8260	03-03-00	10.0	8.93	89.3%	6.57 - 13.8
Chloromethane	ug/L	EPA8260	03-03-00	10.0	8.82	88.2%	4.26 - 13.9
2-chlorotoluene	ug/L	EPA8260	03-03-00	10.0	7.44	74.4%	6.68 - 13.0
4-chlorotoluene	ug/L	EPA8260	03-03-00	10.0	7.47	74.7%	6.67 - 12.7
Dibromochloromethane	ug/L	EPA8260	03-03-00	10.0	8.66	86.6%	7.09 - 12.3
1,2-dibromo-3-chloropropane	ug/L	EPA8260	03-03-00	10.0	5.91	59.1%	5.47 - 12.9



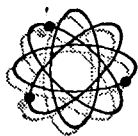
FLOWERS CHEMICAL LABORATORIES, INC.

QA Section 4

QCCS Sample Recovery

Client: Pasco Co. Utilities Env. Lab
Project Number: Resource Recovery
P.O. Number: 111887
Date Sampled: 23-Feb-00
Lab Numbers: 7157 - 7163

Analyte	Unit	Method	Date	QCCS Expected	QCCS Measured	Rec. %	Acceptable Limits
1,2-dibromoethane	ug/L	EPA8260	03-03-00	10.0	8.48	84.8%	7.49 - 12.0
Dibromomethane	ug/L	EPA8260	03-03-00	10.0	8.95	89.5%	7.48 - 12.5
o-dichlorobenzene	ug/L	EPA8260	03-03-00	10.0	7.82	78.2%	7.35 - 12.6
m-dichlorobenzene	ug/L	EPA8260	03-03-00	10.0	7.76	77.6%	7.41 - 12.4
Para-dichlorobenzene	ug/L	EPA8260	03-03-00	10.0	8.22	82.2%	7.22 - 12.5
Dichlorodifluoromethane	ug/L	EPA8260	03-03-00	10.0	8.41	84.1%	4.02 - 13.7
1,1-dichloroethane	ug/L	EPA8260	03-03-00	10.0	9.16	91.6%	6.16 - 13.6
1,2-dichloroethane	ug/L	EPA8260	03-03-00	10.0	8.66	86.6%	6.77 - 12.8
1,1-dichloroethene	ug/L	EPA8260	03-03-00	10.0	9.62	96.2%	6.15 - 13.2
cis-1,2-dichloroethene	ug/L	EPA8260	03-03-00	10.0	9.13	91.3%	7.14 - 12.5
t-1,2-dichloroethene	ug/L	EPA8260	03-03-00	10.0	9.73	97.3%	6.11 - 13.1
1,2-dichloroethene	ug/L	EPA8260	03-03-00	20.0	18.9	94.5%	13.9 - 25.3
1,2-dichloropropane	ug/L	EPA8260	03-03-00	10.0	8.75	87.5%	6.86 - 12.7
1,3-dichloropropane	ug/L	EPA8260	03-03-00	10.0	8.58	85.8%	7.54 - 12.1
2,2-dichloropropane	ug/L	EPA8260	03-03-00	10.0	6.39	63.9%	2.93 - 13.4
1,1-dichloropropene	ug/L	EPA8260	03-03-00	10.0	8.72	87.2%	6.66 - 12.1
cis-1,3-dichloropropene	ug/L	EPA8260	03-03-00	10.0	7.23	72.3%	6.71 - 12.3
trans-1,3,-dichloropropene	ug/L	EPA8260	03-03-00	10.0	7.23	72.3%	6.20 - 12.7
Ethylbenzene	ug/L	EPA8260	03-03-00	10.0	9.02	90.2%	6.78 - 13.0
Hexachlorobutadiene	ug/L	EPA8260	03-03-00	10.0	5.71	57.1%	6.59 - 13.3
2-Hexanone	ug/L	EPA8260	03-03-00	10.0	6.96	69.6%	5.07 - 13.8
Isopropylbenzene	ug/L	EPA8260	03-03-00	10.0	7.34	73.4%	6.33 - 14.1
4-isopropyltoluene	ug/L	EPA8260	03-03-00	10.0	6.71	67.1%	7.11 - 12.4
Methylene chloride	ug/L	EPA8260	03-03-00	10.0	9.78	97.8%	6.07 - 14.5
Methyl-tert-butylether	ug/L	EPA8260	03-03-00	10.0	7.92	79.2%	4.32 - 14.8
2-butanone	ug/L	EPA8260	03-03-00	10.0	8.75	87.5%	4.27 - 15.7
Methyl iodide	ug/L	EPA8260	03-03-00	10.0	10.1	101%	5.12 - 16.3
4-methyl-2-pentanone	ug/L	EPA8260	03-03-00	10.0	7.01	70.1%	3.96 - 13.0
Naphthalene	ug/L	EPA8260	03-03-00	10.0	6.67	66.7%	2.82 - 15.1
Propylbenzene	ug/L	EPA8260	03-03-00	10.0	7.45	74.5%	6.74 - 12.7
Styrene	ug/L	EPA8260	03-03-00	10.0	8.80	88.0%	6.80 - 14.0
1,1,1,2-tetrachloroethane	ug/L	EPA8260	03-03-00	10.0	9.92	99.2%	7.29 - 12.3
1,1,2,2-tetrachloroethane	ug/L	EPA8260	03-03-00	10.0	8.08	80.8%	5.96 - 13.0
Tetrachloroethene	ug/L	EPA8260	03-03-00	10.0	9.84	98.4%	5.07 - 14.3
Toluene	ug/L	EPA8260	03-03-00	10.0	8.85	88.5%	6.46 - 13.4



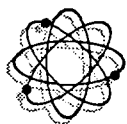
FLOWERS CHEMICAL LABORATORIES, INC.

QA Section 4

QCCS Sample Recovery

Client: Pasco Co. Utilities Env. Lab
Project Number: Resource Recovery
P.O. Number: 111887
Date Sampled: 23-Feb-00
Lab Numbers: 7157 - 7163

Analyte	Unit	Method	Date	QCCS Expected	QCCS Measured	Rec. %	Acceptable Limits
1,2,3-trichlorobenzene	ug/L	EPA8260	03-03-00	10.0	7.12	71.2%	4.83 - 13.6
1,2,4-trichlorobenzene	ug/L	EPA8260	03-03-00	10.0	6.28	62.8%	4.74 - 13.3
1,1,1-trichloroethane	ug/L	EPA8260	03-03-00	10.0	8.79	87.9%	6.88 - 12.7
1,1,2-trichloroethane	ug/L	EPA8260	03-03-00	10.0	8.97	89.7%	7.57 - 12.2
Trichloroethene	ug/L	EPA8260	03-03-00	10.0	9.41	94.1%	6.53 - 14.9
Trichlorofluoromethane	ug/L	EPA8260	03-03-00	10.0	8.72	87.2%	3.06 - 15.1
1,2,3-trichloropropane	ug/L	EPA8260	03-03-00	10.0	10.5	105%	6.25 - 13.8
1,2,4-trimethylbenzene	ug/L	EPA8260	03-03-00	10.0	7.27	72.7%	6.96 - 12.7
1,3,5-trimethylbenzene	ug/L	EPA8260	03-03-00	10.0	7.23	72.3%	6.84 - 12.8
Vinyl chloride	ug/L	EPA8260	03-03-00	10.0	8.98	89.8%	5.26 - 14.1
Xylene	ug/L	EPA8260	03-03-00	30.0	28.1	93.7%	19.8 - 39.8



FLOWERS CHEMICAL LABORATORIES, INC.

QA Section 5

Standards Traceability

Client: Pasco Co. Utilities Env. Lab
Project Number: Resource Recovery
P.O. Number: 111887
Date Sampled: 23-Feb-00
Lab Numbers: 7157 - 7163

Compound Name	Manufacturer Name	Manufacturer Lot #	Rec Lot #	Rec By	Date Recieved	Valid Until	Prep Lot #	Prep By	Date Prepared	Valid Until	t-test	t-test range	Contro Mean	Contro Std	Lot Mean	Lot Std
			Standard				Lot									
Silver	Fisher	16-155AS	1067	LSM	11-10-99	12-31-99	1422	LSM	11-10-99	12-31-99	3.33	>1.70	0.935	0.078	1.01	0.040
QCCS	Fisher	9NFS30Z471	1095	EVB	01-10-00	12-30-00	1446	EVB	01-19-00	12-30-00	1.97	±2.04	0.935	0.078	1.15	0.506
Matrix Spike	Fisher	16-155AS	1067	LSM	11-10-99	12-31-99	1422	LSM	11-10-99	12-31-99	3.33	>1.70	0.935	0.078	1.01	0.040
Arsenic	Fisher	16-85AS	1066	LSM	11-10-99	12-31-99	1422	LSM	11-10-99	12-31-99	11.3	>1.73	1.02	0.024	0.994	0.042
QCCS	Fisher	9NFS30Z471	1095	EVB	01-10-00	12-30-00	1446	EVB	01-19-00	12-30-00	11.7	>1.73	1.02	0.024	0.978	0.031
Matrix Spike	Fisher	16-85AS	1066	LSM	11-10-99	12-31-99	1422	LSM	11-10-99	12-31-99	11.3	>1.73	1.02	0.024	0.994	0.042
Barium	Fisher	16-155AS	1067	LSM	11-10-99	12-31-99	1422	LSM	11-10-99	12-31-99	8.60	>1.69	0.983	0.040	1.02	0.026
QCCS	Fisher	9NFS30Z471	1095	EVB	01-10-00	12-30-00	1446	EVB	01-19-00	12-30-00	10.7	>1.69	0.983	0.040	0.981	0.013
Matrix Spike	Fisher	16-155AS	1067	LSM	11-10-99	12-31-99	1422	LSM	11-10-99	12-31-99	8.60	>1.69	0.983	0.040	1.02	0.026
Beryllium	Fisher	16-85AS	1066	LSM	11-10-99	12-31-99	1422	LSM	11-10-99	12-31-99	2.96	>1.68	1.03	0.092	1.10	0.066
QCCS	Fisher	9NFS30Z471	1095	EVB	01-10-00	12-30-00	1446	EVB	01-19-00	12-30-00	3.02	>1.68	1.03	0.092	0.962	0.061
Matrix Spike	Fisher	16-85AS	1066	LSM	11-10-99	12-31-99	1422	LSM	11-10-99	12-31-99	2.96	>1.68	1.03	0.092	1.10	0.066
Cadmium	Fisher	16-85AS	1066	LSM	11-10-99	12-31-99	1422	LSM	11-10-99	12-31-99	6.24	>1.65	0.947	0.056	0.990	0.026
QCCS	Fisher	9NFS30Z471	1095	EVB	01-10-00	12-30-00	1446	EVB	01-19-00	12-30-00	7.51	>1.65	0.947	0.056	0.958	0.014
Matrix Spike	Fisher	16-85AS	1066	LSM	11-10-99	12-31-99	1422	LSM	11-10-99	12-31-99	6.24	>1.65	0.947	0.056	0.990	0.026
Cobalt	Fisher	16-85AS	1066	LSM	11-10-99	12-31-99	1422	LSM	11-10-99	12-31-99	9.30	>1.69	1.01	0.039	0.985	0.027
QCCS	Fisher	9NFS30Z471	1095	EVB	01-10-00	12-30-00	1446	EVB	01-19-00	12-30-00	9.19	>1.69	1.01	0.039	1.00	0.053
Matrix Spike	Fisher	16-85AS	1066	LSM	11-10-99	12-31-99	1422	LSM	11-10-99	12-31-99	9.30	>1.69	1.01	0.039	0.985	0.027
Chromium	Fisher	16-85AS	1066	LSM	11-10-99	12-31-99	1422	LSM	11-10-99	12-31-99	7.12	>1.65	1.00	0.058	1.02	0.023
QCCS	Fisher	9NFS30Z471	1095	EVB	01-10-00	12-30-00	1446	EVB	01-19-00	12-30-00	7.63	>1.65	1.00	0.058	1.00	0.056
Matrix Spike	Fisher	16-85AS	1066	LSM	11-10-99	12-31-99	1422	LSM	11-10-99	12-31-99	7.12	>1.65	1.00	0.058	1.02	0.023
Copper	Fisher	16-85AS	1066	LSM	11-10-99	12-31-99	1422	LSM	11-10-99	12-31-99	9.35	>1.65	0.980	0.047	0.978	0.045
QCCS	Fisher	9NFS30Z471	1095	EVB	01-10-00	12-30-00	1446	EVB	01-19-00	12-30-00	8.95	>1.65	0.980	0.047	0.967	0.004
Matrix Spike	Fisher	16-85AS	1066	LSM	11-10-99	12-31-99	1422	LSM	11-10-99	12-31-99	9.35	>1.65	0.980	0.047	0.978	0.045
Nickel	Fisher	16-85AS	1066	LSM	11-10-99	12-31-99	1422	LSM	11-10-99	12-31-99	4.42	>1.65	0.972	0.091	0.992	0.010
QCCS	Fisher	9NFS30Z471	1095	EVB	01-10-00	12-30-00	1446	EVB	01-19-00	12-30-00	4.63	>1.65	0.972	0.091	0.983	0.046
Matrix Spike	Fisher	16-85AS	1066	LSM	11-10-99	12-31-99	1422	LSM	11-10-99	12-31-99	4.42	>1.65	0.972	0.091	0.992	0.010
Lead	Fisher	16-85AS	1066	LSM	11-10-99	12-31-99	1422	LSM	11-10-99	12-31-99	5.28	>1.68	1.02	0.072	1.00	0.028
QCCS	Fisher	16-85AS	1066	LSM	11-10-99	12-31-99	1422	LSM	11-10-99	12-31-99	5.28	>1.68	1.02	0.072	1.00	0.028
Matrix Spike	Fisher	16-85AS	1066	LSM	11-10-99	12-31-99	1422	LSM	11-10-99	12-31-99	5.28	>1.68	1.02	0.072	1.00	0.028
Antimony	Fisher	16-85AS	1066	LSM	11-10-99	12-31-99	1422	LSM	11-10-99	12-31-99	2.78	>1.67	0.995	0.134	0.984	0.013
QCCS	Fisher	9NFS30Z471	1095	EVB	01-10-00	12-30-00	1446	EVB	01-19-00	12-30-00	2.65	>1.67	0.995	0.134	0.957	0.030



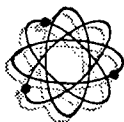
FLOWERS CHEMICAL LABORATORIES, INC.

QA Section 5

Standards Traceability

Client: Pasco Co. Utilities Env. Lab
Project Number: Resource Recovery
P.O. Number: 111887
Date Sampled: 23-Feb-00
Lab Numbers: 7157 - 7163

Compound Name	Manufacturer Name	Manufacturer Lot #	Rec Lot #	Rec By	Date Received	Valid Until	Prep Lot #	Prep By	Date Prepared	Valid Until	t-test	t-test range	Control Mean	Control Std	Lot Mean	Lot Std
Standard						Lot										
Matrix Spike	Fisher	16-85AS	1066	LSM	11-10-99	12-31-99	1422	LSM	11-10-99	12-31-99	2.78	>1.67	0.995	0.134	0.984	0.013
Selenium	Fisher	16-85AS	1066	LSM	11-10-99	12-31-99	1422	LSM	11-10-99	12-31-99	3.42	>1.66	0.993	0.114	0.997	0.024
QCCS	Fisher	9NFS30Z471	1095	EVV	01-10-00	12-30-00	1446	EVV	01-19-00	12-30-00	3.16	>1.66	0.993	0.114	0.955	0.011
Matrix Spike	Fisher	16-85AS	1066	LSM	11-10-99	12-31-99	1422	LSM	11-10-99	12-31-99	3.42	>1.66	0.993	0.114	0.997	0.024
Thallium	Fisher	16-85AS	1066	LSM	11-10-99	12-31-99	1422	LSM	11-10-99	12-31-99	2.46	>1.68	1.01	0.149	1.03	0.015
QCCS	Fisher	9NFS30Z471	1095	EVV	01-10-00	12-30-00	1446	EVV	01-19-00	12-30-00	2.28	>1.68	1.01	0.149	1.06	0.068
Matrix Spike	Fisher	16-85AS	1066	LSM	11-10-99	12-31-99	1422	LSM	11-10-99	12-31-99	2.46	>1.68	1.01	0.149	1.03	0.015
Vanadium	Fisher	16-85AS	1066	LSM	11-10-99	12-31-99	1422	LSM	11-10-99	12-31-99	7.62	>1.69	0.983	0.033	1.06	0.011
QCCS	Fisher	9NFS30Z471	1095	EVV	01-10-00	12-30-00	1446	EVV	01-19-00	12-30-00	10.9	>1.69	0.983	0.033	1.01	0.034
Matrix Spike	Fisher	16-85AS	1066	LSM	11-10-99	12-31-99	1422	LSM	11-10-99	12-31-99	7.62	>1.69	0.983	0.033	1.06	0.011
Zinc	Fisher	16-85AS	1066	LSM	11-10-99	12-31-99	1422	LSM	11-10-99	12-31-99			0.977	0.048	0.981	0.015
QCCS	Fisher	9NFS30Z471	1095	EVV	01-10-00	12-30-00	1446	EVV	01-19-00	12-30-00	7.34	>1.65	0.977	0.048	0.940	0.075
Matrix Spike	Fisher	16-85AS	1066	LSM	11-10-99	12-31-99	1422	LSM	11-10-99	12-31-99			0.977	0.048	0.981	0.015
Acetone	Ultra	M-0600	769	CLS	07-01-98	12-30-99	895	CLS	07-13-98	07-13-99	3.36	±1.97	0.978	0.089	1.16	0.363
QCCS			769	CLS	07-01-98	12-30-99	895	CLS	07-13-98	07-13-99	3.36	±1.97	0.978	0.089	1.16	0.363
Matrix Spike	Ultra	M-0600	769	CLS	07-01-98	12-30-99	895	CLS	07-13-98	07-13-99	3.36	±1.97	0.978	0.089	1.16	0.363
Benzene	Ultra	L-0029	767	CLS	07-01-98	01-30-99	895	CLS	07-13-98	07-13-99	9.27	>1.65	0.976	0.052	0.992	0.125
QCCS			767	CLS	07-01-98	01-30-99	895	CLS	07-13-98	07-13-99	9.27	>1.65	0.976	0.052	0.992	0.125
Matrix Spike	Ultra	L-0029	767	CLS	07-01-98	01-30-99	895	CLS	07-13-98	07-13-99	9.27	>1.65	0.976	0.052	0.992	0.125
Bromobenzene	Ultra	L-0029	767	CLS	07-01-98	01-30-99	895	CLS	07-13-98	07-13-99	8.84	>1.65	1.02	0.049	1.01	0.129
QCCS			767	CLS	07-01-98	01-30-99	895	CLS	07-13-98	07-13-99	8.84	>1.65	1.02	0.049	1.01	0.129
Matrix Spike	Ultra	L-0029	767	CLS	07-01-98	01-30-99	895	CLS	07-13-98	07-13-99	8.84	>1.65	1.02	0.049	1.01	0.129
Bromochloromethane	Ultra	L-0029	767	CLS	07-01-98	01-30-99	895	CLS	07-13-98	07-13-99	4.49	>1.65	1.05	0.103	0.957	0.150
QCCS			767	CLS	07-01-98	01-30-99	895	CLS	07-13-98	07-13-99	4.49	>1.65	1.05	0.103	0.957	0.150
Matrix Spike	Ultra	L-0029	767	CLS	07-01-98	01-30-99	895	CLS	07-13-98	07-13-99	4.49	>1.65	1.05	0.103	0.957	0.150
Bromodichloromethane	Ultra	L-0029	767	CLS	07-01-98	01-30-99	895	CLS	07-13-98	07-13-99	4.37	>1.66	0.947	0.054	0.964	0.137
QCCS			767	CLS	07-01-98	01-30-99	895	CLS	07-13-98	07-13-99	4.37	>1.66	0.947	0.054	0.964	0.137
Matrix Spike	Ultra	L-0029	767	CLS	07-01-98	01-30-99	895	CLS	07-13-98	07-13-99	4.37	>1.66	0.947	0.054	0.964	0.137
Bromoform	Ultra	L-0029	767	CLS	07-01-98	01-30-99	895	CLS	07-13-98	07-13-99	2.62	>1.65	1.02	0.061	0.946	0.160
QCCS			767	CLS	07-01-98	01-30-99	895	CLS	07-13-98	07-13-99	2.62	>1.65	1.02	0.061	0.946	0.160
Matrix Spike	Ultra	L-0029	767	CLS	07-01-98	01-30-99	895	CLS	07-13-98	07-13-99	2.62	>1.65	1.02	0.061	0.946	0.160
Bromomethane	Ultra	M-0195	768	CLS	07-01-98	12-30-99	895	CLS	07-13-98	07-13-99	2.74	>1.65	0.974	0.035	1.07	0.254
QCCS			768	CLS	07-01-98	12-30-99	895	CLS	07-13-98	07-13-99	2.74	>1.65	0.974	0.035	1.07	0.254



FLOWERS CHEMICAL LABORATORIES, INC.

QA Section 5

Standards Traceability

Client: Pasco Co. Utilities Env. Lab
Project Number: Resource Recovery
P.O. Number: 111887
Date Sampled: 23-Feb-00
Lab Numbers: 7157 - 7163

Compound Name	Manufacturer Name	Manufacturer Lot #	Rec Lot #	Rec By	Date Recieved	Valid Until	Prep Lot #	Prep By	Date Prepared	Valid Until	t-test	t-test range	Contro Mean	Contro Std	Lot Mean	Lot Std
			Standard				Lot									
Matrix Spike	Ultra	M-0195	768	CLS	07-01-98	12-30-99	895	CLS	07-13-98	07-13-99	2.74	>1.65	0.974	0.035	1.07	0.254
n-butylbenzene																
QCCS	Ultra	L-0029	767	CLS	07-01-98	01-30-99	895	CLS	07-13-98	07-13-99	7.11	>1.65	1.03	0.054	0.966	0.116
Matrix Spike	Ultra	L-0029	767	CLS	07-01-98	01-30-99	895	CLS	07-13-98	07-13-99	7.11	>1.65	1.03	0.054	0.966	0.116
sec-butylbenzene																
QCCS	Ultra	L-0029	767	CLS	07-01-98	01-30-99	895	CLS	07-13-98	07-13-99	7.69	>1.65	0.994	0.047	1.04	0.120
Matrix Spike	Ultra	L-0029	767	CLS	07-01-98	01-30-99	895	CLS	07-13-98	07-13-99	7.69	>1.65	0.994	0.047	1.04	0.120
tert-butylbenzene																
QCCS	Ultra	L-0029	767	CLS	07-01-98	01-30-99	895	CLS	07-13-98	07-13-99	7.75	>1.65	1.04	0.054	1.08	0.124
Matrix Spike	Ultra	L-0029	767	CLS	07-01-98	01-30-99	895	CLS	07-13-98	07-13-99	7.75	>1.65	1.04	0.054	1.08	0.124
Carbon disulfide																
QCCS	Ultra	M-0600	769	CLS	07-01-98	12-30-99	895	CLS	07-13-98	07-13-99	5.18	>1.65	1.00	0.056	0.986	0.246
Matrix Spike	Ultra	M-0600	769	CLS	07-01-98	12-30-99	895	CLS	07-13-98	07-13-99	5.18	>1.65	1.00	0.056	0.986	0.246
Carbon tetrachloride																
QCCS	Ultra	L-0029	767	CLS	07-01-98	01-30-99	895	CLS	07-13-98	07-13-99	2.87	>1.66	0.995	0.074	0.936	0.160
Matrix Spike	Ultra	L-0029	767	CLS	07-01-98	01-30-99	895	CLS	07-13-98	07-13-99	2.87	>1.66	0.995	0.074	0.936	0.160
Chlorobenzene																
QCCS	Ultra	L-0029	767	CLS	07-01-98	01-30-99	895	CLS	07-13-98	07-13-99	5.84	>1.66	1.00	0.052	1.00	0.115
Matrix Spike	Ultra	L-0029	767	CLS	07-01-98	01-30-99	895	CLS	07-13-98	07-13-99	5.84	>1.66	1.00	0.052	1.00	0.115
Chloroethane																
QCCS	Ultra	M-0195	768	CLS	07-01-98	12-30-99	895	CLS	07-13-98	07-13-99	2.09	>1.65	0.993	0.074	0.978	0.290
Matrix Spike	Ultra	M-0195	768	CLS	07-01-98	12-30-99	895	CLS	07-13-98	07-13-99	2.09	>1.65	0.993	0.074	0.978	0.290
Chloroform																
QCCS	Ultra	L-0029	767	CLS	07-01-98	01-30-99	895	CLS	07-13-98	07-13-99	1.85	±1.97	0.966	0.053	1.08	0.210
Matrix Spike	Ultra	L-0029	767	CLS	07-01-98	01-30-99	895	CLS	07-13-98	07-13-99	1.85	±1.97	0.966	0.053	1.08	0.210
Chloromethane																
QCCS	Ultra	M-0195	768	CLS	07-01-98	12-30-99	895	CLS	07-13-98	07-13-99	5.67	>1.65	0.954	0.079	0.960	0.228
Matrix Spike	Ultra	M-0195	768	CLS	07-01-98	12-30-99	895	CLS	07-13-98	07-13-99	5.67	>1.65	0.954	0.079	0.960	0.228
2-chlorotoluene																
QCCS	Ultra	L-0029	767	CLS	07-01-98	01-30-99	895	CLS	07-13-98	07-13-99	7.86	>1.65	1.02	0.056	1.05	0.131
Matrix Spike	Ultra	L-0029	767	CLS	07-01-98	01-30-99	895	CLS	07-13-98	07-13-99	7.86	>1.65	1.02	0.056	1.05	0.131
4-chlorotoluene																
QCCS	Ultra	L-0029	767	CLS	07-01-98	01-30-99	895	CLS	07-13-98	07-13-99	8.30	>1.65	1.01	0.054	1.00	0.137



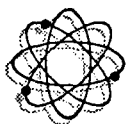
FLOWERS CHEMICAL LABORATORIES, INC.

QA Section 5

Standards Traceability

Client: Pasco Co. Utilities Env. Lab
Project Number: Resource Recovery
P.O. Number: 111887
Date Sampled: 23-Feb-00
Lab Numbers: 7157 - 7163

Compound Name	Manufacturer Name	Manufacturer Lot #	Rec Lot #	Rec By	Date Recieved	Valid Until	Prep Lot #	Prep By	Date Prepared	Valid Until	t-test	t-test range	Contro Mean	Contro Std	Lot Mean	Lot Std
			Standard				Lot									
Matrix Spike	Ultra	L-0029	767	CLS	07-01-98	01-30-99	895	CLS	07-13-98	07-13-99	8.30	>1.65	1.01	0.054	1.00	0.137
Dibromochloromethane																
QCCS	Ultra	L-0029	767	CLS	07-01-98	01-30-99	895	CLS	07-13-98	07-13-99	4.48	>1.66	0.973	0.063	0.946	0.126
Matrix Spike	Ultra	L-0029	767	CLS	07-01-98	01-30-99	895	CLS	07-13-98	07-13-99	4.48	>1.66	0.973	0.063	0.946	0.126
1,2-dibromo-3-chloropropane																
QCCS	Ultra	L-0029	767	CLS	07-01-98	01-30-99	895	CLS	07-13-98	07-13-99	11.7	>1.65	0.989	0.103	0.964	0.246
Matrix Spike	Ultra	L-0029	767	CLS	07-01-98	01-30-99	895	CLS	07-13-98	07-13-99	11.7	>1.65	0.989	0.103	0.964	0.246
1,2-dibromoethane																
QCCS	Ultra	L-0029	767	CLS	07-01-98	01-30-99	895	CLS	07-13-98	07-13-99	6.43	>1.65	1.03	0.062	0.959	0.119
Matrix Spike	Ultra	L-0029	767	CLS	07-01-98	01-30-99	895	CLS	07-13-98	07-13-99	6.43	>1.65	1.03	0.062	0.959	0.119
Dibromomethane																
QCCS	Ultra	L-0029	767	CLS	07-01-98	01-30-99	895	CLS	07-13-98	07-13-99	4.98	>1.65	1.07	0.118	0.988	0.123
Matrix Spike	Ultra	L-0029	767	CLS	07-01-98	01-30-99	895	CLS	07-13-98	07-13-99	4.98	>1.65	1.07	0.118	0.988	0.123
o-dichlorobenzene																
QCCS	Ultra	L-0029	767	CLS	07-01-98	01-30-99	895	CLS	07-13-98	07-13-99	5.12	>1.66	1.03	0.068	1.01	0.121
Matrix Spike	Ultra	L-0029	767	CLS	07-01-98	01-30-99	895	CLS	07-13-98	07-13-99	5.12	>1.66	1.03	0.068	1.01	0.121
m-dichlorobenzene																
QCCS	Ultra	L-0029	767	CLS	07-01-98	01-30-99	895	CLS	07-13-98	07-13-99	5.70	>1.66	1.00	0.059	1.00	0.118
Matrix Spike	Ultra	L-0029	767	CLS	07-01-98	01-30-99	895	CLS	07-13-98	07-13-99	5.70	>1.66	1.00	0.059	1.00	0.118
Para-dichlorobenzene																
QCCS	Ultra	L-0029	767	CLS	07-01-98	01-30-99	895	CLS	07-13-98	07-13-99	4.61	>1.66	1.02	0.092	0.986	0.124
Matrix Spike	Ultra	L-0029	767	CLS	07-01-98	01-30-99	895	CLS	07-13-98	07-13-99	4.61	>1.66	1.02	0.092	0.986	0.124
Dichlorodifluoromethane																
QCCS	Ultra	M-0195	768	CLS	07-01-98	12-30-99	895	CLS	07-13-98	07-13-99	2.87	>1.65	1.01	0.082	0.910	0.238
Matrix Spike	Ultra	M-0195	768	CLS	07-01-98	12-30-99	895	CLS	07-13-98	07-13-99	2.87	>1.65	1.01	0.082	0.910	0.238
1,1-dichloroethane																
QCCS	Ultra	L-0029	767	CLS	07-01-98	01-30-99	895	CLS	07-13-98	07-13-99	14.4	>1.65	0.954	0.086	0.982	0.192
Matrix Spike	Ultra	L-0029	767	CLS	07-01-98	01-30-99	895	CLS	07-13-98	07-13-99	14.4	>1.65	0.954	0.086	0.982	0.192
1,2-dichloroethane																
QCCS	Ultra	L-0029	767	CLS	07-01-98	01-30-99	895	CLS	07-13-98	07-13-99	20.8	>1.65	0.978	0.083	0.978	0.130
Matrix Spike	Ultra	L-0029	767	CLS	07-01-98	01-30-99	895	CLS	07-13-98	07-13-99	20.8	>1.65	0.978	0.083	0.978	0.130
1,1-dichloroethene																
QCCS	Ultra	L-0029	767	CLS	07-01-98	01-30-99	895	CLS	07-13-98	07-13-99	7.93	>1.65	0.942	0.093	1.02	0.269



FLOWERS CHEMICAL LABORATORIES, INC.

QA Section 5

Standards Traceability

Client: Pasco Co. Utilities Env. Lab
Project Number: Resource Recovery
P.O. Number: 111887
Date Sampled: 23-Feb-00
Lab Numbers: 7157 - 7163

Compound Name	Manufacturer Name	Manufacturer Lot #	Rec Lot #	Rec By	Date Recieved	Valid Until	Prep Lot #	Prep By	Date Prepared	Valid Until	t-test	t-test range	Contro Mean	Contro Std	Lot Mean	Lot Std
			Standard				Lot									
Matrix Spike	Ultra	L-0029	767	CLS	07-01-98	01-30-99	895	CLS	07-13-98	07-13-99	7.93	>1.65	0.942	0.093	1.02	0.269
cis-1,2-dichloroethene																
QCCS	Ultra	L-0029	767	CLS	07-01-98	01-30-99	895	CLS	07-13-98	07-13-99	5.81	>1.65	1.01	0.028	0.983	0.173
Matrix Spike	Ultra	L-0029	767	CLS	07-01-98	01-30-99	895	CLS	07-13-98	07-13-99	5.81	>1.65	1.01	0.028	0.983	0.173
t-1,2-dichloroethene																
QCCS	Ultra	L-0029	767	CLS	07-01-98	01-30-99	895	CLS	07-13-98	07-13-99						
Matrix Spike	Ultra	L-0029	767	CLS	07-01-98	01-30-99	895	CLS	07-13-98	07-13-99						
1,2-dichloroethene																
QCCS	Ultra	L-0029	767	CLS	07-01-98	12-30-99	895	CLS	07-13-98	07-13-99	4.26	>1.65	1.05	0.210	0.978	0.166
Matrix Spike	Ultra	L-0029	767	CLS	07-01-98	12-30-99	895	CLS	07-13-98	07-13-99	4.26	>1.65	1.05	0.210	0.978	0.166
1,2-dichloropropane																
QCCS	Ultra	L-0029	767	CLS	07-01-98	01-30-99	895	CLS	07-13-98	07-13-99	7.87	>1.65	1.02	0.096	0.977	0.120
Matrix Spike	Ultra	L-0029	767	CLS	07-01-98	01-30-99	895	CLS	07-13-98	07-13-99	7.87	>1.65	1.02	0.096	0.977	0.120
1,3-dichloropropane																
QCCS	Ultra	L-0029	767	CLS	07-01-98	01-30-99	895	CLS	07-13-98	07-13-99	8.84	>1.65	0.996	0.097	0.987	0.119
Matrix Spike	Ultra	L-0029	767	CLS	07-01-98	01-30-99	895	CLS	07-13-98	07-13-99	8.84	>1.65	0.996	0.097	0.987	0.119
2,2-dichloropropane																
QCCS	Ultra	L-0029	767	CLS	07-01-98	01-30-99	895	CLS	07-13-98	07-13-99	5.65	±1.97	1.04	0.168	0.964	0.085
Matrix Spike	Ultra	L-0029	767	CLS	07-01-98	01-30-99	895	CLS	07-13-98	07-13-99	5.65	±1.97	1.04	0.168	0.964	0.085
1,1-dichloropropene																
QCCS	Ultra	L-0029	767	CLS	07-01-98	01-30-99	895	CLS	07-13-98	07-13-99	5.09	>1.65	1.02	0.043	0.930	0.131
Matrix Spike	Ultra	L-0029	767	CLS	07-01-98	01-30-99	895	CLS	07-13-98	07-13-99	5.09	>1.65	1.02	0.043	0.930	0.131
cis-1,3-dichloropropene																
QCCS	Ultra	L-0029	767	CLS	07-01-98	01-30-99	895	CLS	07-13-98	07-13-99	4.84	>1.66	0.977	0.063	0.952	0.118
Matrix Spike	Ultra	L-0029	767	CLS	07-01-98	01-30-99	895	CLS	07-13-98	07-13-99	4.84	>1.66	0.977	0.063	0.952	0.118
trans-1,3-dichloropropene																
QCCS	Ultra	L-0029	767	CLS	07-01-98	01-30-99	895	CLS	07-13-98	07-13-99	3.90	>1.66	0.962	0.049	0.939	0.149
Matrix Spike	Ultra	L-0029	767	CLS	07-01-98	01-30-99	895	CLS	07-13-98	07-13-99	3.90	>1.66	0.962	0.049	0.939	0.149
Ethylbenzene																
QCCS	Ultra	L-0029	767	CLS	07-01-98	01-30-99	895	CLS	07-13-98	07-13-99	9.85	>1.65	0.975	0.047	1.00	0.111
Matrix Spike	Ultra	L-0029	767	CLS	07-01-98	01-30-99	895	CLS	07-13-98	07-13-99	9.85	>1.65	0.975	0.047	1.00	0.111
Hexachlorobutadiene																
QCCS	Ultra	L-0029	767	CLS	07-01-98	01-30-99	895	CLS	07-13-98	07-13-99	7.30	±1.97	0.736	0.125	1.00	0.166



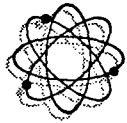
FLOWERS CHEMICAL LABORATORIES, INC.

QA Section 5

Standards Traceability

Client: Pasco Co. Utilities Env. Lab
Project Number: Resource Recovery
P.O. Number: 111887
Date Sampled: 23-Feb-00
Lab Numbers: 7157 - 7163

Compound Name	Manufacturer Name	Manufacturer Lot #	Rec Lot #	Rec By	Date Recieved	Valid Until	Prep Lot #	Prep By	Date Prepared	Valid Until	t-test	t-test range	Contro Mean	Contro Std	Lot Mean	Lot Std
			Standard				Lot									
Matrix Spike	Ultra	L-0029	767	CLS	07-01-98	01-30-99	895	CLS	07-13-98	07-13-99	7.30	±1.97	0.736	0.125	1.00	0.166
2-Hexanone																
QCCS	Ultra	M-0600	769	CLS	07-01-98	12-30-99	895	CLS	07-13-98	07-13-99	2.93	>1.65	1.03	0.095	0.917	0.186
Matrix Spike	Ultra	M-0600	769	CLS	07-01-98	12-30-99	895	CLS	07-13-98	07-13-99	2.93	>1.65	1.03	0.095	0.917	0.186
Isopropylbenzene																
QCCS	Ultra	L-0029	767	CLS	07-01-98	01-30-99	895	CLS	07-13-98	07-13-99						
Matrix Spike	Ultra	L-0029	767	CLS	07-01-98	01-30-99	895	CLS	07-13-98	07-13-99						
4-isopropyltoluene																
QCCS	Ultra	L-0029	767	CLS	07-01-98	01-30-99	895	CLS	07-13-98	07-13-99	9.83	>1.65	1.01	0.040	1.02	0.114
Matrix Spike	Ultra	L-0029	767	CLS	07-01-98	01-30-99	895	CLS	07-13-98	07-13-99	9.83	>1.65	1.01	0.040	1.02	0.114
Methylene chloride																
QCCS	Ultra	L-0029	767	CLS	07-01-98	01-30-99	895	CLS	07-13-98	07-13-99						
Matrix Spike	Ultra	L-0029	767	CLS	07-01-98	01-30-99	895	CLS	07-13-98	07-13-99						
Methyl-tert-butylether																
QCCS	Ultra	M-0600	769	CLS	07-01-98	12-30-99	895	CLS	07-13-98	07-13-99	4.24	>1.65	0.951	0.066	0.980	0.191
Matrix Spike	Ultra	M-0600	769	CLS	07-01-98	12-30-99	895	CLS	07-13-98	07-13-99	4.24	>1.65	0.951	0.066	0.980	0.191
2-butanone																
QCCS	Ultra	M-0600	769	CLS	07-01-98	12-30-99	895	CLS	07-13-98	07-13-99	-1.90	±1.97	1.01	0.167	0.883	0.430
Matrix Spike	Ultra	M-0600	769	CLS	07-01-98	12-30-99	895	CLS	07-13-98	07-13-99	-1.90	±1.97	1.01	0.167	0.883	0.430
Methyl_iodide																
QCCS	Ultra	M-0600	769	CLS	07-01-98	12-30-99	895	CLS	07-13-98	07-13-99	5.75	>1.65	1.00	0.051	1.03	0.202
Matrix Spike	Ultra	M-0600	769	CLS	07-01-98	12-30-99	895	CLS	07-13-98	07-13-99	5.75	>1.65	1.00	0.051	1.03	0.202
4-methyl-2-pentanone																
QCCS	Ultra	M-0600	769	CLS	07-01-98	12-30-99	895	CLS	07-13-98	07-13-99	3.46	>1.65	0.975	0.066	0.907	0.263
Matrix Spike	Ultra	M-0600	769	CLS	07-01-98	12-30-99	895	CLS	07-13-98	07-13-99	3.46	>1.65	0.975	0.066	0.907	0.263
Naphthalene																
QCCS	Ultra	L-0029	767	CLS	07-01-98	01-30-99	895	CLS	07-13-98	07-13-99	7.82	±1.97	0.681	0.091	0.815	0.040
Matrix Spike	Ultra	L-0029	767	CLS	07-01-98	01-30-99	895	CLS	07-13-98	07-13-99	7.82	±1.97	0.681	0.091	0.815	0.040
Propylbenzene																
QCCS	Ultra	L-0029	767	CLS	07-01-98	01-30-99	895	CLS	07-13-98	07-13-99	8.97	>1.65	1.03	0.054	1.03	0.126
Matrix Spike	Ultra	L-0029	767	CLS	07-01-98	01-30-99	895	CLS	07-13-98	07-13-99	8.97	>1.65	1.03	0.054	1.03	0.126
Styrene																
QCCS	Ultra	L-0029	767	CLS	07-01-98	01-30-99	895	CLS	07-13-98	07-13-99	3.46	>1.65	0.982	0.026	1.08	0.210



FLOWERS CHEMICAL LABORATORIES, INC.

QA Section 5

Standards Traceability

Client: Pasco Co. Utilities Env. Lab
Project Number: Resource Recovery
P.O. Number: 111887
Date Sampled: 23-Feb-00
Lab Numbers: 7157 - 7163

Compound Name	Manufacturer Name	Manufacturer Lot #	Rec Lot #	Rec By	Date Recieved	Valid Until	Prep Lot #	Prep By	Date Prepared	Valid Until	t-test	t-test range	Contro Mean	Contro Std	Lot Mean	Lot Std
			Standard				Lot									
Matrix Spike	Ultra	L-0029	767	CLS	07-01-98	01-30-99	895	CLS	07-13-98	07-13-99	3.46	>1.65	0.982	0.026	1.08	0.210
1,1,1,2-tetrachloroethane QCCS	Ultra	L-0029	767	CLS	07-01-98	01-30-99	895	CLS	07-13-98	07-13-99	7.61	>1.65	1.02	0.054	0.969	0.115
Matrix Spike	Ultra	L-0029	767	CLS	07-01-98	01-30-99	895	CLS	07-13-98	07-13-99	7.61	>1.65	1.02	0.054	0.969	0.115
1,1,2,2-tetrachloroethane QCCS	Ultra	L-0029	767	CLS	07-01-98	12-30-99	895	CLS	07-13-98	07-13-99	7.99	>1.65	0.996	0.110	0.999	0.160
Matrix Spike	Ultra	L-0029	767	CLS	07-01-98	12-30-99	895	CLS	07-13-98	07-13-99	7.99	>1.65	0.996	0.110	0.999	0.160
Tetrachloroethene QCCS	Ultra	L-0029	767	CLS	07-01-98	12-30-99	895	CLS	07-13-98	07-13-99	2.92	>1.65	0.949	0.045	0.944	0.220
Matrix Spike	Ultra	L-0029	767	CLS	07-01-98	12-30-99	895	CLS	07-13-98	07-13-99	2.92	>1.65	0.949	0.045	0.944	0.220
Toluene QCCS	Ultra	L-0029	767	CLS	07-01-98	12-30-99	895	CLS	07-13-98	07-13-99	9.11	>1.65	0.986	0.067	1.01	0.117
Matrix Spike	Ultra	L-0029	767	CLS	07-01-98	12-30-99	895	CLS	07-13-98	07-13-99	9.11	>1.65	0.986	0.067	1.01	0.117
1,2,3-trichlorobenzene QCCS	Ultra	L-0029	767	CLS	07-01-98	12-30-99	895	CLS	07-13-98	07-13-99	2.82	>1.65	1.02	0.064	0.949	0.277
Matrix Spike	Ultra	L-0029	767	CLS	07-01-98	12-30-99	895	CLS	07-13-98	07-13-99	2.82	>1.65	1.02	0.064	0.949	0.277
1,2,4-trichlorobenzene QCCS	Ultra	L-0029	767	CLS	07-01-98	12-30-99	895	CLS	07-13-98	07-13-99	3.03	±1.97	0.748	0.113	0.784	0.057
Matrix Spike	Ultra	L-0029	767	CLS	07-01-98	12-30-99	895	CLS	07-13-98	07-13-99	3.03	±1.97	0.748	0.113	0.784	0.057
1,1,1-trichloroethane QCCS	Ultra	L-0029	767	CLS	07-01-98	12-30-99	895	CLS	07-13-98	07-13-99	17.2	>1.65	0.979	0.079	0.944	0.143
Matrix Spike	Ultra	L-0029	767	CLS	07-01-98	12-30-99	895	CLS	07-13-98	07-13-99	17.2	>1.65	0.979	0.079	0.944	0.143
1,1,2-trichloroethane QCCS	Ultra	L-0029	767	CLS	07-01-98	12-30-99	895	CLS	07-13-98	07-13-99	5.48	>1.65	0.992	0.418	0.986	0.122
Matrix Spike	Ultra	L-0029	767	CLS	07-01-98	12-30-99	895	CLS	07-13-98	07-13-99	5.48	>1.65	0.992	0.418	0.986	0.122
Trichloroethene QCCS	Ultra	L-0029	767	CLS	07-01-98	12-30-99	895	CLS	07-13-98	07-13-99	3.50	±1.98	0.974	0.056	1.16	0.178
Matrix Spike	Ultra	L-0029	767	CLS	07-01-98	12-30-99	895	CLS	07-13-98	07-13-99	3.50	±1.98	0.974	0.056	1.16	0.178
Trichlorofluoromethane QCCS	Ultra	M-0195	768	CLS	07-01-98	12-30-99	895	CLS	07-13-98	07-13-99	1.59	±1.97	0.931	0.131	1.04	0.225
Matrix Spike	Ultra	M-0195	768	CLS	07-01-98	12-30-99	895	CLS	07-13-98	07-13-99	1.59	±1.97	0.931	0.131	1.04	0.225
1,2,3-trichloropropane QCCS	Ultra	L-0029	767	CLS	07-01-98	12-30-99	895	CLS	07-13-98	07-13-99	-1.85	±1.97	1.24	1.43	1.02	0.187



FLOWERS CHEMICAL LABORATORIES, INC.

QA Section 5

Standards Traceability

Client: Pasco Co. Utilities Env. Lab
Project Number: Resource Recovery
P.O. Number: 111887
Date Sampled: 23-Feb-00
Lab Numbers: 7157 - 7163

Compound Name	Manufacturer Name	Manufacturer Lot #	Rec Lot #	Rec By	Date Recieved	Valid Until	Prep Lot #	Prep By	Date Prepared	Valid Until	t-test	t-test range	Contro Mean	Contro Std	Lot Mean	Lot Std
			Standard				Lot									
Matrix Spike	Ultra	L-0029	767	CLS	07-01-98	12-30-99	895	CLS	07-13-98	07-13-99	-1.85	±1.97	1.24	1.43	1.02	0.187
1,2,4-trimethylbenzene																
QCCS	Ultra	L-0029	767	CLS	07-01-98	12-30-99	895	CLS	07-13-98	07-13-99	8.54	>1.65	1.01	0.025	1.03	0.125
Matrix Spike	Ultra	L-0029	767	CLS	07-01-98	12-30-99	895	CLS	07-13-98	07-13-99	8.54	>1.65	1.01	0.025	1.03	0.125
1,3,5-trimethylbenzene																
QCCS	Ultra	L-0029	767	CLS	07-01-98	12-30-99	895	CLS	07-13-98	07-13-99	8.80	>1.65	1.02	0.030	1.04	0.124
Matrix Spike	Ultra	L-0029	767	CLS	07-01-98	12-30-99	895	CLS	07-13-98	07-13-99	8.80	>1.65	1.02	0.030	1.04	0.124
Vinyl acetate																
QCCS	Ultra	M-0600	769	CLS	07-01-98	12-30-99	895	CLS	07-13-98	07-13-99						
Matrix Spike	Ultra	M-0600	769	CLS	07-01-98	12-30-99	895	CLS	07-13-98	07-13-99						
Vinyl chloride																
QCCS	Ultra	M-0195	768	CLS	07-01-98	12-30-99	895	CLS	07-13-98	07-13-99						
Matrix Spike	Ultra	M-0195	768	CLS	07-01-98	12-30-99	895	CLS	07-13-98	07-13-99						
M&P-Xylene																
QCCS	Ultra	L-0029	767	CLS	07-01-98	12-30-99	895	CLS	07-13-98	07-13-99	9.85	>1.65	1.00	0.032	0.995	0.118
Matrix Spike	Ultra	L-0029	767	CLS	07-01-98	12-30-99	895	CLS	07-13-98	07-13-99	9.85	>1.65	1.00	0.032	0.995	0.118
EPA6020 Blank	Flowers Chemical Laboratories	Valid	34	JSF	01-01-95	12-31-99	14	JSF	01-01-95	01-01-97						
EPA8260 Blank	Flowers Chemical Laboratories	Valid	34	JSF	01-01-95	12-31-99	14	JSF	01-01-95	01-01-97						
Surrogate Spike1	EMS	095-017	289	FG	10-05-95	12-30-99	268	FG	10-05-95	10-05-96			0.998	0.092		
Surrogate Spike2	EMS	095-017	289	FG	10-05-95	12-30-99	268	FG	10-05-95	10-05-96			1.00	0.045		
Surrogate Spike3	EMS	095-017	289	FG	10-05-95	12-30-99	268	FG	10-05-95	10-05-96			0.982	0.061		