4029C30075
WAC 41193

Hillsborough County
Florida

Office of the County Administrator
Daniel A. Kleman

July 6, 1999

Ms. Allison Amram, P.G.
Department of Environmental Protection
Waste Management Section
3804 Coconut Palm Drive
Tampa , Fl. 33619 8318

S029-256427

RE: **Southeast County Sanitary Landfill Private Wells**

Dear Ms. Amram:

The Hillsborough County Solid Waste Management Department (HCSWMD) is pleased to provide the analytical data for the routine water quality monitoring of the Southeast Landfill domestic supply wells, sampled on May 12, 1999. Samples were collected by the HCSWMD staff,and analyzed by Post, Buckley, Schuh and Jernigan, Inc. An Analysis Summary chart is also enclosed for your review.

If you have any questions or comments on this information, please call me at 276-2920.

Sincerely,

James G. Clayton

James G. Clayton,
Environmental Supervisor
Solid Waste Management Department

Enclosures

xc: Thomas G. Smith, Solid Waste Management Department
David S. Adams, P.G. Solid Waste Management Department
Matt Mathews, Solid Waste Management Department
Ella Jackson, Solid Waste Management Department
✓Chongman Lee , Department of Environmental Protection
John Wong, General Manager, Southeast Landfill
Sheree Henninger, Waste Management Southeast Landfill
Irene Barnes, Southeast Hillsborough Civic Association
Paul Schipfer, EPC

Chemical Constituents Detected in the Groundwater Samples Collected at the Southeast Landfill Private Supply Wells
May 12, 1999

GENERAL	Private Wells				(MCL) STANDARD
PARAMETERS	Weeks	Holland	McBride	Barnes	F.A.C. 62-550
conductivity (umhos/cm) (field)	526	401	347	413	NS
pH (field)	7.11	7.24	7.97	7.46	(6.5 - 8.5)**
total dissolved solids (mg/l)	324	256	240	252	500**
temperature (°C) (field)	23.4	24.1	24.7	24	NS
turbidity (NTU) (field)	2.6	5.5	1.4	1.1	NS
chloride (mg/l)	20	20	6	8	250**
ammonia nitrogen (mg/l as N)	0.15	0.08	0.17	0.03	NS
nitrate (mg/l as N)	BDL	BDL	BDL	BDL	10*
total alpha (pCi/l)	16.4	3.1	2.8	2.7	15*
radium 226 (pCi/l)	6	-	-	-	5*

	Private Wells				(MCL) STANDARD
Metals: (mg/l)	Weeks	Holland	McBride	Barnes	F.A.C. 62-550
iron	0.480	1.770	0.060	0.890	0.3**
copper	BDL	0.014	BDL	BDL	1**
barium	0.004	0.004	0.004	0.006	2*
selenium	BDL	BDL	BDL	BDL	0.05*
lead	BDL	BDL	BDL	BDL	0.015*
sodium	9.32	6.13	9.39	14.3	160*
zinc	0.200	0.060	0.050	0.130	5**

NOTE:	All wells tested for EPA Test Method 8260, no parameters detected
NOTE:	Reference Groundwater Guidance Concentrations, FDEP June 1994
NS =	NO STANDARD
MCL =	MAXIMUM CONTAMINANT LEVEL
BDL =	BELOW DETECTION LIMIT
* =	DENOTES PRIMARY DRINKING WATER STANDARD
** =	DENOTES SECONDARY DRINKING WATER STANDARD
16.4	: EXCEEDS PRIMARY OR SECONDARY DRINKING WATER STANDARDS, OR FLORIDA GUIDANCE CONCENTRATION MCL
NTU =	NEPHELOMETRIC TURBIDITY UNITS
pCi/l =	PICOCURIES PER LITER
µg/l =	MICROGRAMS PER LITER
mg/l =	MILLIGRAMS PER LITER
NOTE:	a dash entry (-) indicates that the sample was not analyzed for this parameter

Prepared by Jim Clayton
QA/QC by Kim Byer
Final QA/QC by
David S. Adams, P. G.

Facility GMS #:

Test Site ID #: <CTRL-ALT-M>

Sample Date/Time: 5/12/99 8:33:00 AM

Report Period: 99/2

Well Name: WEEKS 990520102

Well Purged (Y/N): Y

Classification of Ground Water: G II

Ground Water Elevation (NGVD): NA

Depth to Water (ft.): NA

3211

WAC 914

Well Type:

- ☐ Background
- ☐ Intermediate
- ☐ Compliance
- ☒ Other

STORET Code	Parameter	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Results	Units	Detection Limits	Units
00094	CONDUCTIVITY IN FIELD	GRAB	N	EPA120.1	526	umhos/cm	Fld	umhos/cm
00406	pH IN FIELD	GRAB	N	EPA150.1	7.11	pH UNITS	Fld	pH UNITS
70300	TOTAL DISSOLVED SOLIDS	GRAB	N	EPA160.1	324	mg/L	12	mg/L
00010	TEMPERATURE IN FIELD	GRAB	N	EPA170.1	23.4	DEG C	Fld	DEG C
82078	TURBIDITY IN FIELD	GRAB	N	EPA180.1	2.6	ntu	Fld	ntu
00940	CHLORIDE	GRAB	N	EPA325.2	20	mg/L	1	mg/L
00610	AMMONIA NITROGEN	GRAB	N	EPA350.1	.15	mg/L	.02	mg/L
00620	NITRATE	GRAB	N	EPA353.2	< .01	mg/L	.01	mg/L
00300	DISSOLVED OXYGEN IN FIELD	GRAB	N	EPA360.1	1.06	mg/L	Fld	mg/L
38437	DIBROMOCHLOROPROPANE	GRAB	N	EPA504	< .02	ug/L	.02	ug/L
77651	ETHYLENE DIBROMIDE	GRAB	N	EPA504	< .02	ug/L	.02	ug/L
01097	Antimony (82545)	GRAB	N	EPA6010	< 5	ug/L	5	ug/L
01002	Arsenic (94)	GRAB	N	EPA6010	6	ug/L	5	ug/L
01007	Barium	GRAB	N	EPA6010	4	ug/L	1	ug/L
01012	Beryllium (400)	GRAB	N	EPA6010	< 1	ug/L	1	ug/L
01027	Cadmium (70300)	GRAB	N	EPA6010	< 1	ug/L	1	ug/L
01034	Chromium (10)	GRAB	N	EPA6010	1	ug/L	1	ug/L
01037	Cobalt (76)	GRAB	N	EPA6010	< 5	ug/L	5	ug/L
01040	Copper	GRAB	N	EPA6010	< 5	ug/L	5	ug/L
01045	IRON-ICP METHOD (940)	GRAB	N	EPA6010	480	ug/L	40	ug/L
01051	Lead (610)	GRAB	N	EPA6010	< 4	ug/L	4	ug/L
01067	Nickel (300)	GRAB	N	EPA6010	< 5	ug/L	5	ug/L
01147	Selenium (1007)	GRAB	N	EPA6010	< 5	ug/L	5	ug/L
01077	Silver (1034)	GRAB	N	EPA6010	< 5	ug/L	5	ug/L
00929	SODIUM-ICP METHOD (1045)	GRAB	N	EPA6010	9.32	mg/L	.2	mg/L
01059	Thallium	GRAB	N	EPA6010	< 2	ug/L	2	ug/L
00985	Vanadium (929)	GRAB	N	EPA6010	< 5	ug/L	5	ug/L
01092	Zinc (1092)	GRAB	N	EPA6010	200	ug/L	25	ug/L
71900	MERCURY	GRAB	N	EPA7470	< .2	ug/L	.2	ug/L
77562	1,1,1,2-TETRACHLORETHANE	GRAB	N	EPA8260	< 1	ug/L	1	ug/L
34506	1,1,1-TRICHLOROETHANE (1501)	GRAB	N	EPA8260	< 1	ug/L	1	ug/L
34516	1,1,2,2-TETRACHLOROETHANE (1502)	GRAB	N	EPA8260	< .2	ug/L	.2	ug/L
34511	1,1,2-TRICHLOROETHANE (9501)	GRAB	N	EPA8260	< 1	ug/L	1	ug/L
34496	1,1-DICHLOROETHANE	GRAB	N	EPA8260	< 1	ug/L	1	ug/L
34501	1,1-DICHLOROETHENE (9502)	GRAB	N	EPA8260	< 1	ug/L	1	ug/L
77443	1,2,3-TRICHLOROPROPANE	GRAB	N	EPA8260	< 1	ug/L	1	ug/L
34536	1,2-DICHLOROBENZENE	GRAB	N	EPA8260	< 1	ug/L	1	ug/L
34531	1,2-DICHLOROETHANE	GRAB	N	EPA8260	< 1	ug/L	1	ug/L
34541	1,2-DICHLOROPROPANE	GRAB	N	EPA8260	< 1	ug/L	1	ug/L
34571	1,4-DICHLOROBENZENE	GRAB	N	EPA8260	< 1	ug/L	1	ug/L
77103	2-HEXANONE	GRAB	N	EPA8260	< 5	ug/L	5	ug/L
78133	4-METHYL-2-PENTANONE	GRAB	N	EPA8260	< 5	ug/L	5	ug/L
81552	ACETONE	GRAB	N	EPA8260	< 5	ug/L	5	ug/L

Well Name: WEEKS 990520102

STORET Code	Parameter	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Results/Units		Detection Limits/Units
34215	ACRYLONITRILE	GRAB	N	EPA8260	< 4	ug/L	4 ug/L
78124	BENZENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
73085	BROMOCHLOROMETHANE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
32101	BROMODICHLOROMETHANE	GRAB	N	EPA8260	< .6	ug/L	.6 ug/L
32104	BROMOFORM	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
77041	CARBON DISULFIDE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
32102	CARBON TETRACHLORIDE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34301	CHLOROBENZENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34311	CHLOROETHANE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
32106	CHLOROFORM	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34418	CHLOROMETHANE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
77093	cis 1,2 DICHLOROETHYLENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34704	cis 1,3-DICHLOROPROPENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
32105	DIBROMOCHLOROMETHANE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
30217	DIBROMOMETHANE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
78113	ETHYLBENZENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34413	METHYL BROMIDE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
81595	METHYL ETHYL KETONE	GRAB	N	EPA8260	< 5	ug/L	5 ug/L
77424	METHYL IODIDE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34423	METHYLENE CHLORIDE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
77128	STYRENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34475	TETRACHLOROETHYLENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
78131	TOLUENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34699	trans 1,3-DICHLOROPROPENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
73547	trans 1,4-DICHLORO-2-BUTENE	GRAB	N	EPA8260	< 4	ug/L	4 ug/L
34546	trans-1,2-DICHLOROETHENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
39180	TRICHLOROETHYLENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34488	TRICHLOROFLUOROMETHANE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
77057	VINYL ACETATE	GRAB	N	EPA8260	< 5	ug/L	5 ug/L
39175	VINYL CHLORIDE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
81551	XYLENES	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
01501	ALPHA, TOTAL	GRAB	N	EPA900.0	16.4	pCi/L	.1 pCi/L
01502	ALPHA-counting error	GRAB	N	EPA900.0	3	pCi/L	pCi/L
09501	RADIUM 226 IN WATER	GRAB	N	EPA903.1	6	pCi/L	.1 pCi/L
09502	RADIUM 226-counting error	GRAB	N	EPA903.1	.3	pCi/L	pCi/L

Facility GMS #:

Test Site ID #:

Sample Date/Time: 5/12/99 9:15:00 AM

Report Period: 99/2

Well Name: HOLLAND 990520107 Well Purged (Y/N): Y

Classification of Ground Water: G II

Ground Water Elevation (NGVD): NA

Depth to Water (ft.): NA

3077

W883

Well Type:
- ☐ Background
- ☐ Intermediate
- ☐ Compliance
- ☒ Other

STORET Code	Parameter	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Results/Units		Detection Limits/Units
00094	CONDUCTIVITY IN FIELD	GRAB	N	EPA120.1	401	umhos/cm	Fld umhos/cm
00406	pH IN FIELD	GRAB	N	EPA150.1	7.24	pH UNITS	Fld pH UNITS
70300	TOTAL DISSOLVED SOLIDS	GRAB	N	EPA160.1	256	mg/L	12 mg/L
00010	TEMPERATURE IN FIELD	GRAB	N	EPA170.1	24.1	DEG C	Fld DEG C
82078	TURBIDITY IN FIELD	GRAB	N	EPA180.1	5.5	ntu	Fld ntu
00940	CHLORIDE	GRAB	N	EPA325.2	20	mg/L	1 mg/L
00610	AMMONIA NITROGEN	GRAB	N	EPA350.1	.08	mg/L	.02 mg/L
00620	NITRATE	GRAB	N	EPA353.2	< .01	mg/L	.01 mg/L
00300	DISSOLVED OXYGEN IN FIELD	GRAB	N	EPA360.1	.71	mg/L	Fld mg/L
38437	DIBROMOCHLOROPROPANE	GRAB	N	EPA504	< .02	ug/L	.02 ug/L
77651	ETHYLENE DIBROMIDE	GRAB	N	EPA504	< .02	ug/L	.02 ug/L
01097	Antimony	GRAB	N	EPA6010	< 5	ug/L	5 ug/L
01002	Arsenic	GRAB	N	EPA6010	< 5	ug/L	5 ug/L
01007	Barium	GRAB	N	EPA6010	4	ug/L	1 ug/L
01012	Beryllium	GRAB	N	EPA6010	< 1	ug/L	1 ug/L
01027	Cadmium	GRAB	N	EPA6010	< 1	ug/L	1 ug/L
01034	Chromium	GRAB	N	EPA6010	2	ug/L	1 ug/L
01037	Cobalt	GRAB	N	EPA6010	< 5	ug/L	5 ug/L
01040	Copper	GRAB	N	EPA6010	14	ug/L	5 ug/L
01045	IRON-ICP METHOD	GRAB	N	EPA6010	1770	ug/L	40 ug/L
01051	Lead	GRAB	N	EPA6010	< 4	ug/L	4 ug/L
01067	Nickel	GRAB	N	EPA6010	< 5	ug/L	5 ug/L
01147	Selenium	GRAB	N	EPA6010	< 5	ug/L	5 ug/L
01077	Silver	GRAB	N	EPA6010	< 5	ug/L	5 ug/L
00929	SODIUM-ICP METHOD	GRAB	N	EPA6010	6.13	mg/L	.2 mg/L
01059	Thallium	GRAB	N	EPA6010	< 2	ug/L	2 ug/L
00985	Vanadium	GRAB	N	EPA6010	< 5	ug/L	5 ug/L
01092	Zinc	GRAB	N	EPA6010	60	ug/L	25 ug/L
71900	MERCURY	GRAB	N	EPA7470	< .2	ug/L	.2 ug/L
77562	1,1,1,2-TETRACHLORETHANE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34506	1,1,1-TRICHLOROETHANE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34516	1,1,2,2-TETRACHLOROETHANE	GRAB	N	EPA8260	< .2	ug/L	.2 ug/L
34511	1,1,2-TRICHLOROETHANE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34496	1,1-DICHLOROETHANE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34501	1,1-DICHLOROETHENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
77443	1,2,3-TRICHLOROPROPANE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34536	1,2-DICHLOROBENZENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34531	1,2-DICHLOROETHANE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34541	1,2-DICHLOROPROPANE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34571	1,4-DICHLOROBENZENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
77103	2-HEXANONE	GRAB	N	EPA8260	< 5	ug/L	5 ug/L
78133	4-METHYL-2-PENTANONE	GRAB	N	EPA8260	< 5	ug/L	5 ug/L
81552	ACETONE	GRAB	N	EPA8260	< 5	ug/L	5 ug/L

* Detection Limit depends on amount of sample digested/extracted

Well Name: HOLLAND 990520107

STORET Code	Parameter	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Results/Units		Detection Limits/Units
34215	ACRYLONITRILE	GRAB	N	EPA8260	< 4	ug/L	4 ug/L
78124	BENZENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
73085	BROMOCHLOROMETHANE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
32101	BROMODICHLOROMETHANE	GRAB	N	EPA8260	< .6	ug/L	.6 ug/L
32104	BROMOFORM	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
77041	CARBON DISULFIDE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
32102	CARBON TETRACHLORIDE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34301	CHLOROBENZENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34311	CHLOROETHANE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
32106	CHLOROFORM	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34418	CHLOROMETHANE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
77093	cis 1,2 DICHLOROETHYLENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34704	cis 1,3-DICHLOROPROPENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
32105	DIBROMOCHLOROMETHANE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
30217	DIBROMOMETHANE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
78113	ETHYLBENZENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34413	METHYL BROMIDE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
81595	METHYL ETHYL KETONE	GRAB	N	EPA8260	< 5	ug/L	5 ug/L
77424	METHYL IODIDE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34423	METHYLENE CHLORIDE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
77128	STYRENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34475	TETRACHLOROETHYLENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
78131	TOLUENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34699	trans 1,3-DICHLOROPROPENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
73547	trans 1,4-DICHLORO-2-BUTENE	GRAB	N	EPA8260	< 4	ug/L	4 ug/L
34546	trans-1,2-DICHLOROETHENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
39180	TRICHLOROETHYLENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34488	TRICHLOROFLUOROMETHANE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
77057	VINYL ACETATE	GRAB	N	EPA8260	< 5	ug/L	5 ug/L
39175	VINYL CHLORIDE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
81551	XYLENES	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
01501	ALPHA, TOTAL	GRAB	N	EPA900.0	3.1	pCi/L	.1 pCi/L
01502	ALPHA-counting error	GRAB	N	EPA900.0	1.8	pCi/L	pCi/L

Facility GMS #:

Test Site ID #:

Sample Date/Time: 5/12/99 10:35:00 AM

Report Period: 99/2

Well Name: MCBRIDE 990520101

Well Purged (Y/N): Y

Classification of Ground Water: G II

Ground Water Elevation (NGVD): NA

Depth to Water (ft.): NA

3076
W882

Well Type:
- ☐ Background
- ☐ Intermediate
- ☐ Compliance
- ☒ Other

STORET Code	Parameter	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Results	Units	Detection Limits	Units
00094	CONDUCTIVITY IN FIELD	GRAB	N	EPA120.1	347	umhos/cm	Fld	umhos/cm
00406	pH IN FIELD	GRAB	N	EPA150.1	7.97	pH UNITS	Fld	pH UNITS
70300	TOTAL DISSOLVED SOLIDS	GRAB	N	EPA160.1	240	mg/L	12	mg/L
00010	TEMPERATURE IN FIELD	GRAB	N	EPA170.1	24.7	DEG C	Fld	DEG C
82078	TURBIDITY IN FIELD	GRAB	N	EPA180.1	1.4	ntu	Fld	ntu
00940	CHLORIDE	GRAB	N	EPA325.2	6	mg/L	1	mg/L
00610	AMMONIA NITROGEN	GRAB	N	EPA350.1	.17	mg/L	.02	mg/L
00620	NITRATE	GRAB	N	EPA353.2	< .01	mg/L	.01	mg/L
00300	DISSOLVED OXYGEN IN FIELD	GRAB	N	EPA360.1	4.98	mg/L	Fld	mg/L
38437	DIBROMOCHLOROPROPANE	GRAB	N	EPA504	< .02	ug/L	.02	ug/L
77651	ETHYLENE DIBROMIDE	GRAB	N	EPA504	< .02	ug/L	.02	ug/L
01097	Antimony	GRAB	N	EPA6010	< 5	ug/L	5	ug/L
01002	Arsenic	GRAB	N	EPA6010	< 5	ug/L	5	ug/L
01007	Barium	GRAB	N	EPA6010	4	ug/L	1	ug/L
01012	Beryllium	GRAB	N	EPA6010	< 1	ug/L	1	ug/L
01027	Cadmium	GRAB	N	EPA6010	< 1	ug/L	1	ug/L
01034	Chromium	GRAB	N	EPA6010	4	ug/L	1	ug/L
01037	Cobalt	GRAB	N	EPA6010	< 5	ug/L	5	ug/L
01040	Copper	GRAB	N	EPA6010	< 5	ug/L	5	ug/L
01045	IRON-ICP METHOD	GRAB	N	EPA6010	60	ug/L	40	ug/L
01051	Lead	GRAB	N	EPA6010	< 4	ug/L	4	ug/L
01067	Nickel	GRAB	N	EPA6010	< 5	ug/L	5	ug/L
01147	Selenium	GRAB	N	EPA6010	< 5	ug/L	5	ug/L
01077	Silver	GRAB	N	EPA6010	< 5	ug/L	5	ug/L
00929	SODIUM-ICP METHOD	GRAB	N	EPA6010	9.39	mg/L	.2	mg/L
01059	Thallium	GRAB	N	EPA6010	< 2	ug/L	2	ug/L
00985	Vanadium	GRAB	N	EPA6010	< 5	ug/L	5	ug/L
01092	Zinc	GRAB	N	EPA6010	50	ug/L	25	ug/L
71900	MERCURY	GRAB	N	EPA7470	< .2	ug/L	.2	ug/L
77562	1,1,1,2-TETRACHLORETHANE	GRAB	N	EPA8260	< 1	ug/L	1	ug/L
34506	1,1,1-TRICHLOROETHANE	GRAB	N	EPA8260	< 1	ug/L	1	ug/L
34516	1,1,2,2-TETRACHLOROETHANE	GRAB	N	EPA8260	< .2	ug/L	.2	ug/L
34511	1,1,2-TRICHLOROETHANE	GRAB	N	EPA8260	< 1	ug/L	1	ug/L
34496	1,1-DICHLOROETHANE	GRAB	N	EPA8260	< 1	ug/L	1	ug/L
34501	1,1-DICHLOROETHENE	GRAB	N	EPA8260	< 1	ug/L	1	ug/L
77443	1,2,3-TRICHLOROPROPANE	GRAB	N	EPA8260	< 1	ug/L	1	ug/L
34536	1,2-DICHLOROBENZENE	GRAB	N	EPA8260	< 1	ug/L	1	ug/L
34531	1,2-DICHLOROETHANE	GRAB	N	EPA8260	< 1	ug/L	1	ug/L
34541	1,2-DICHLOROPROPANE	GRAB	N	EPA8260	< 1	ug/L	1	ug/L
34571	1,4-DICHLOROBENZENE	GRAB	N	EPA8260	< 1	ug/L	1	ug/L
77103	2-HEXANONE	GRAB	N	EPA8260	< 5	ug/L	5	ug/L
78133	4-METHYL-2-PENTANONE	GRAB	N	EPA8260	< 5	ug/L	5	ug/L
81552	ACETONE	GRAB	N	EPA8260	< 5	ug/L	5	ug/L

* Detection Limit depends on amount of sample digested/extracted

Well Name: MCBRIDE 990520101

STORET Code	Parameter	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Results/Units		Detection Limits/Units
34215	ACRYLONITRILE	GRAB	N	EPA8260	< 4	ug/L	4 ug/L
78124	BENZENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
73085	BROMOCHLOROMETHANE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
32101	BROMODICHLOROMETHANE	GRAB	N	EPA8260	< .6	ug/L	.6 ug/L
32104	BROMOFORM	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
77041	CARBON DISULFIDE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
32102	CARBON TETRACHLORIDE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34301	CHLOROBENZENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34311	CHLOROETHANE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
32106	CHLOROFORM	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34418	CHLOROMETHANE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
77093	cis 1,2 DICHLOROETHYLENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34704	cis 1,3-DICHLOROPROPENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
32105	DIBROMOCHLOROMETHANE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
30217	DIBROMOMETHANE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
78113	ETHYLBENZENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34413	METHYL BROMIDE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
81595	METHYL ETHYL KETONE	GRAB	N	EPA8260	< 5	ug/L	5 ug/L
77424	METHYL IODIDE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34423	METHYLENE CHLORIDE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
77128	STYRENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34475	TETRACHLOROETHYLENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
78131	TOLUENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34699	trans 1,3-DICHLOROPROPENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
73547	trans 1,4-DICHLORO-2-BUTENE	GRAB	N	EPA8260	< 4	ug/L	4 ug/L
34546	trans-1,2-DICHLOROETHENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
39180	TRICHLOROETHYLENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34488	TRICHLOROFLUOROMETHANE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
77057	VINYL ACETATE	GRAB	N	EPA8260	< 5	ug/L	5 ug/L
39175	VINYL CHLORIDE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
81551	XYLENES	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
01501	ALPHA, TOTAL	GRAB	N	EPA900.0	2.8	pCi/L	.1 pCi/L
01502	ALPHA-counting error	GRAB	N	EPA900.0	1.7	pCi/L	pCi/L

Facility GMS #:

Test Site ID #:

Sample Date/Time: 5/12/99 10:00:00 AM

Report Period: 99/2

Well Name: BARNES 990520104

Well Purged (Y/N): Y

Classification of Ground Water: G II

Ground Water Elevation (NGVD): NA

Depth to Water (ft.): NA

3075
W881

Well Type:
- ☐ Background
- ☐ Intermediate
- ☐ Compliance
- ☒ Other

STORET Code	Parameter	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Results/Units		Detection Limits/Units
00094	CONDUCTIVITY IN FIELD	GRAB	N	EPA120.1	413	umhos/cm	Fld umhos/cm
00406	pH IN FIELD	GRAB	N	EPA150.1	7.46	pH UNITS	Fld pH UNITS
70300	TOTAL DISSOLVED SOLIDS	GRAB	N	EPA160.1	252	mg/L	12 mg/L
00010	TEMPERATURE IN FIELD	GRAB	N	EPA170.1	24	DEG C	Fld DEG C
82078	TURBIDITY IN FIELD	GRAB	N	EPA180.1	1.1	ntu	Fld ntu
00940	CHLORIDE	GRAB	N	EPA325.2	8	mg/L	1 mg/L
00610	AMMONIA NITROGEN	GRAB	N	EPA350.1	.03	mg/l	.02 mg/l
00620	NITRATE	GRAB	N	EPA353.2	< .01	mg/L	.01 mg/L
00300	DISSOLVED OXYGEN IN FIELD	GRAB	N	EPA360.1	2.42	mg/L	Fld mg/L
38437	DIBROMOCHLOROPROPANE	GRAB	N	EPA504	< .02	ug/L	.02 ug/L
77651	ETHYLENE DIBROMIDE	GRAB	N	EPA504	< .02	ug/L	.02 ug/L
01097	Antimony	GRAB	N	EPA6010	< 5	ug/L	5 ug/L
01002	Arsenic	GRAB	N	EPA6010	< 5	ug/L	5 ug/L
01007	Barium	GRAB	N	EPA6010	6	ug/L	1 ug/L
01012	Beryllium	GRAB	N	EPA6010	< 1	ug/L	1 ug/L
01027	Cadmium	GRAB	N	EPA6010	< 1	ug/L	1 ug/L
01034	Chromium	GRAB	N	EPA6010	1	ug/L	1 ug/L
01037	Cobalt	GRAB	N	EPA6010	< 5	ug/L	5 ug/L
01040	Copper	GRAB	N	EPA6010	< 5	ug/L	5 ug/L
01045	IRON-ICP METHOD	GRAB	N	EPA6010	890	ug/L	40 ug/L
01051	Lead	GRAB	N	EPA6010	< 4	ug/L	4 ug/L
01067	Nickel	GRAB	N	EPA6010	< 5	ug/L	5 ug/L
01147	Selenium	GRAB	N	EPA6010	< 5	ug/L	5 ug/L
01077	Silver	GRAB	N	EPA6010	< 5	ug/L	5 ug/L
00929	SODIUM-ICP METHOD	GRAB	N	EPA6010	14.3	mg/L	.2 mg/L
01059	Thallium	GRAB	N	EPA6010	< 2	ug/L	2 ug/L
00985	Vanadium	GRAB	N	EPA6010	< 5	ug/L	5 ug/L
01092	Zinc	GRAB	N	EPA6010	130	ug/L	25 ug/L
71900	MERCURY	GRAB	N	EPA7470	< .2	ug/L	.2 ug/L
77562	1,1,1,2-TETRACHLORETHANE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34506	1,1,1-TRICHLOROETHANE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34516	1,1,2,2-TETRACHLOROETHANE	GRAB	N	EPA8260	< .2	ug/L	.2 ug/L
34511	1,1,2-TRICHLOROETHANE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34496	1,1-DICHLOROETHANE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34501	1,1-DICHLOROETHENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
77443	1,2,3-TRICHLOROPROPANE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34536	1,2-DICHLOROBENZENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34531	1,2-DICHLOROETHANE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34541	1,2-DICHLOROPROPANE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34571	1,4-DICHLOROBENZENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
77103	2-HEXANONE	GRAB	N	EPA8260	< 5	ug/L	5 ug/L
78133	4-METHYL-2-PENTANONE	GRAB	N	EPA8260	< 5	ug/L	5 ug/L
81552	ACETONE	GRAB	N	EPA8260	< 5	ug/L	5 ug/L

* Detection Limit depends on amount of sample digested/extracted

Well Name: BARNES 990520104

STORET Code	Parameter	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Results/Units		Detection Limits/Units
34215	ACRYLONITRILE	GRAB	N	EPA8260	< 4	ug/L	4 ug/L
78124	BENZENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
73085	BROMOCHLOROMETHANE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
32101	BROMODICHLOROMETHANE	GRAB	N	EPA8260	< .6	ug/L	.6 ug/L
32104	BROMOFORM	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
77041	CARBON DISULFIDE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
32102	CARBON TETRACHLORIDE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34301	CHLOROBENZENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34311	CHLOROETHANE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
32106	CHLOROFORM	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34418	CHLOROMETHANE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
77093	cis 1,2 DICHLOROETHYLENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34704	cis 1,3-DICHLOROPROPENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
32105	DIBROMOCHLOROMETHANE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
30217	DIBROMOMETHANE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
78113	ETHYLBENZENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34413	METHYL BROMIDE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
81595	METHYL ETHYL KETONE	GRAB	N	EPA8260	11	ug/L	5 ug/L
77424	METHYL IODIDE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34423	METHYLENE CHLORIDE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
77128	STYRENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34475	TETRACHLOROETHYLENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
78131	TOLUENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34699	trans 1,3-DICHLOROPROPENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
73547	trans 1,4-DICHLORO-2-BUTENE	GRAB	N	EPA8260	< 4	ug/L	4 ug/L
34546	trans-1,2-DICHLOROETHENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
39180	TRICHLOROETHYLENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34488	TRICHLOROFLUOROMETHANE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
77057	VINYL ACETATE	GRAB	N	EPA8260	< 5	ug/L	5 ug/L
39175	VINYL CHLORIDE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
81551	XYLENES	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
01501	ALPHA, TOTAL	GRAB	N	EPA900.0	2.7	pCi/L	.1 pCi/L
01502	ALPHA-counting error	GRAB	N	EPA900.0	1.8	pCi/L	pCi/L

Facility GMS #:

Test Site ID #:

Sample Date/Time: 5/12/99

Report Period: 99/2

Well Name: DUP 990520103

Well Purged (Y/N): Y

Classification of Ground Water: G II

Ground Water Elevation (NGVD): NA

Depth to Water (ft.): NA

Well Type:

- ☐ Background
- ☐ Intermediate
- ☐ Compliance
- ☒ Other

STORET Code	Parameter	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Results/Units		Detection Limits/Units
70300	TOTAL DISSOLVED SOLIDS	GRAB	N	EPA160.1	328	mg/L	12 mg/L
00940	CHLORIDE	GRAB	N	EPA325.2	21	mg/L	1 mg/L
00610	AMMONIA NITROGEN	GRAB	N	EPA350.1	.09	mg/L	.02 mg/L
00620	NITRATE	GRAB	N	EPA353.2	< .01	mg/L	.01 mg/L
38437	DIBROMOCHLOROPROPANE	GRAB	N	EPA504	< .02	ug/L	.02 ug/L
77651	ETHYLENE DIBROMIDE	GRAB	N	EPA504	< .02	ug/L	.02 ug/L
01097	Antimony	GRAB	N	EPA6010	< 5	ug/L	5 ug/L
01002	Arsenic	GRAB	N	EPA6010	< 5	ug/L	5 ug/L
01007	Barium	GRAB	N	EPA6010	5	ug/L	1 ug/L
01012	Beryllium	GRAB	N	EPA6010	< 1	ug/L	1 ug/L
01027	Cadmium	GRAB	N	EPA6010	< 1	ug/L	1 ug/L
01034	Chromium	GRAB	N	EPA6010	1	ug/L	1 ug/L
01037	Cobalt	GRAB	N	EPA6010	< 5	ug/L	5 ug/L
01040	Copper	GRAB	N	EPA6010	< 5	ug/L	5 ug/L
01045	IRON-ICP METHOD	GRAB	N	EPA6010	510	ug/L	40 ug/L
01051	Lead	GRAB	N	EPA6010	4	ug/L	4 ug/L
01067	Nickel	GRAB	N	EPA6010	< 5	ug/L	5 ug/L
01147	Selenium	GRAB	N	EPA6010	< 5	ug/L	5 ug/L
01077	Silver	GRAB	N	EPA6010	< 5	ug/L	5 ug/L
00929	SODIUM-ICP METHOD	GRAB	N	EPA6010	9.81	mg/L	.2 mg/L
01059	Thallium	GRAB	N	EPA6010	< 2	ug/L	2 ug/L
00985	Vanadium	GRAB	N	EPA6010	< 5	ug/L	5 ug/L
01092	Zinc	GRAB	N	EPA6010	230	ug/L	25 ug/L
71900	MERCURY	GRAB	N	EPA7470	< .2	ug/L	.2 ug/L
77562	1,1,1,2-TETRACHLORETHANE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34506	1,1,1-TRICHLOROETHANE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34516	1,1,2,2-TETRACHLOROETHANE	GRAB	N	EPA8260	< .2	ug/L	.2 ug/L
34511	1,1,2-TRICHLOROETHANE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34496	1,1-DICHLOROETHANE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34501	1,1-DICHLOROETHENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
77443	1,2,3-TRICHLOROPROPANE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34536	1,2-DICHLOROBENZENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34531	1,2-DICHLOROETHANE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34541	1,2-DICHLOROPROPANE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34571	1,4-DICHLOROBENZENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
77103	2-HEXANONE	GRAB	N	EPA8260	< 5	ug/L	5 ug/L
78133	4-METHYL-2-PENTANONE	GRAB	N	EPA8260	< 5	ug/L	5 ug/L
81552	ACETONE	GRAB	N	EPA8260	< 5	ug/L	5 ug/L
34215	ACRYLONITRILE	GRAB	N	EPA8260	< 4	ug/L	4 ug/L
78124	BENZENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
73085	BROMOCHLOROMETHANE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
32101	BROMODICHLOROMETHANE	GRAB	N	EPA8260	< .6	ug/L	.6 ug/L
32104	BROMOFORM	GRAB	N	EPA8260	< 1	ug/L	1 ug/L

Well Name: DUP 990520103

STORET Code	Parameter	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Results/Units		Detection Limits/Units
77041	CARBON DISULFIDE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
32102	CARBON TETRACHLORIDE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34301	CHLOROBENZENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34311	CHLOROETHANE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
32106	CHLOROFORM	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34418	CHLOROMETHANE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
77093	cis 1,2 DICHLOROETHYLENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34704	cis 1,3-DICHLOROPROPENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
32105	DIBROMOCHLOROMETHANE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
30217	DIBROMOMETHANE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
78113	ETHYLBENZENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34413	METHYL BROMIDE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
81595	METHYL ETHYL KETONE	GRAB	N	EPA8260	< 5	ug/L	5 ug/L
77424	METHYL IODIDE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34423	METHYLENE CHLORIDE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
77128	STYRENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34475	TETRACHLOROETHYLENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
78131	TOLUENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34699	trans 1,3-DICHLOROPROPENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
73547	trans 1,4-DICHLORO-2-BUTENE	GRAB	N	EPA8260	< 4	ug/L	4 ug/L
34546	trans-1,2-DICHLOROETHENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
39180	TRICHLOROETHYLENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34488	TRICHLOROFLUOROMETHANE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
77057	VINYL ACETATE	GRAB	N	EPA8260	< 5	ug/L	5 ug/L
39175	VINYL CHLORIDE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
81551	XYLENES	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
01501	ALPHA, TOTAL	GRAB	N	EPA900.0	12.8	pCi/L	.1 pCi/L
01502	ALPHA-counting error	GRAB	N	EPA900.0	2.8	pCi/L	pCi/L
09501	RADIUM 226 IN WATER	GRAB	N	EPA903.1	5.8	pCi/L	.1 pCi/L
09502	RADIUM 226-counting error	GRAB	N	EPA903.1	.3	pCi/L	pCi/L

Facility GMS #:

Test Site ID #:

Sample Date/Time: 5/12/99 8:12:00 AM

Report Period: 99/2

Well Name: EQIP BLANK 990520108 Well Purged (Y/N): N

Classification of Ground Water: G II

Ground Water Elevation (NGVD):

Depth to Water (ft.):

Well Type:
- ☐ Background
- ☐ Intermediate
- ☐ Compliance
- ☒ Other

STORET Code	Parameter	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Results/Units		Detection Limits/Units
70300	TOTAL DISSOLVED SOLIDS	GRAB	N	EPA160.1	< 12	mg/L	12 mg/L
00940	CHLORIDE	GRAB	N	EPA325.2	< 1	mg/L	1 mg/L
00610	AMMONIA NITROGEN	GRAB	N	EPA350.1	< .02	mg/L	.02 mg/L
00620	NITRATE	GRAB	N	EPA353.2	.02	mg/L	.01 mg/L
38437	DIBROMOCHLOROPROPANE	GRAB	N	EPA504	< .02	ug/L	.02 ug/L
77651	*ETHYLENE DIBROMIDE*	*GRAB*	*N*	*EPA504*	*< .02*	*ug/L*	.02 ug/L
01097	Antimony	GRAB	N	EPA6010	< 5	ug/L	5 ug/L
01002	Arsenic	GRAB	N	EPA6010	< 5	ug/L	5 ug/L
01007	Barium	GRAB	N	EPA6010	< 1	ug/L	1 ug/L
01012	Beryllium	GRAB	N	EPA6010	< 1	ug/L	1 ug/L
01027	Cadmium	GRAB	N	EPA6010	< 1	ug/L	1 ug/L
01034	Chromium	GRAB	N	EPA6010	< 1	ug/L	1 ug/L
01037	Cobalt	GRAB	N	EPA6010	< 5	ug/L	5 ug/L
01040	Copper	GRAB	N	EPA6010	< 5	ug/L	5 ug/L
01045	IRON-ICP METHOD	GRAB	N	EPA6010	< 40	ug/L	40 ug/L
01051	Lead	GRAB	N	EPA6010	< 4	ug/L	4 ug/L
01067	Nickel	GRAB	N	EPA6010	< 5	ug/L	5 ug/L
01147	Selenium	GRAB	N	EPA6010	< 5	ug/L	5 ug/L
01077	Silver	GRAB	N	EPA6010	< 5	ug/L	5 ug/L
00929	SODIUM-ICP METHOD	GRAB	N	EPA6010	< .2	mg/L	.2 mg/L
01059	Thallium	GRAB	N	EPA6010	< 2	ug/L	2 ug/L
00985	Vanadium	GRAB	N	EPA6010	< 5	ug/L	5 ug/L
01092	Zinc	GRAB	N	EPA6010	< 25	ug/L	25 ug/L
71900	MERCURY	GRAB	N	EPA7470	< .2	ug/L	.2 ug/L
77562	1,1,1,2-TETRACHLORETHANE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34506	1,1,1-TRICHLOROETHANE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34516	1,1,2,2-TETRACHLOROETHANE	GRAB	N	EPA8260	< .2	ug/L	.2 ug/L
34511	1,1,2-TRICHLOROETHANE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34496	1,1-DICHLOROETHANE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34501	1,1-DICHLOROETHENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
77443	1,2,3-TRICHLOROPROPANE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34536	1,2-DICHLOROBENZENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34531	1,2-DICHLOROETHANE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34541	1,2-DICHLOROPROPANE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34571	1,4-DICHLOROBENZENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
77103	2-HEXANONE	GRAB	N	EPA8260	< 5	ug/L	5 ug/L
78133	4-METHYL-2-PENTANONE	GRAB	N	EPA8260	< 5	ug/L	5 ug/L
81552	ACETONE	GRAB	N	EPA8260	< 5	ug/L	5 ug/L
34215	ACRYLONITRILE	GRAB	N	EPA8260	< 4	ug/L	4 ug/L
78124	BENZENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
73085	BROMOCHLOROMETHANE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
32101	BROMODICHLOROMETHANE	GRAB	N	EPA8260	< .6	ug/L	.6 ug/L
32104	BROMOFORM	GRAB	N	EPA8260	< 1	ug/L	1 ug/L

* Detection Limit depends on amount of sample digested/extracted

Well Name: EQIP BLANK 990520108

STORET Code	Parameter	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Results/Units		Detection Limits/Units
77041	CARBON DISULFIDE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
32102	CARBON TETRACHLORIDE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34301	CHLOROBENZENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34311	CHLOROETHANE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
32106	CHLOROFORM	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34418	CHLOROMETHANE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
77093	cis 1,2 DICHLOROETHYLENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34704	cis 1,3-DICHLOROPROPENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
32105	DIBROMOCHLOROMETHANE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
30217	DIBROMOMETHANE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
78113	ETHYLBENZENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34413	METHYL BROMIDE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
81595	METHYL ETHYL KETONE	GRAB	N	EPA8260	< 5	ug/L	5 ug/L
77424	METHYL IODIDE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34423	METHYLENE CHLORIDE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
77128	STYRENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34475	TETRACHLOROETHYLENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
78131	TOLUENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34699	trans 1,3-DICHLOROPROPENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
73547	trans 1,4-DICHLORO-2-BUTENE	GRAB	N	EPA8260	< 4	ug/L	4 ug/L
34546	trans-1,2-DICHLOROETHENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
39180	TRICHLOROETHYLENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34488	TRICHLOROFLUOROMETHANE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
77057	VINYL ACETATE	GRAB	N	EPA8260	< 5	ug/L	5 ug/L
39175	VINYL CHLORIDE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
81551	XYLENES	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
01501	ALPHA, TOTAL	GRAB	N	EPA900.0	.3	pCi/L	.1 pCi/L
01502	ALPHA-counting error	GRAB	N	EPA900.0	.5	pCi/L	pCi/L

Facility GMS #:

Test Site ID #:

Sample Date/Time: 5/12/99 8:10:00 AM

Report Period: 99/2

Well Name: TRAVEL BLANK 990520109 Well Purged (Y/N): N

Classification of Ground Water: G II

Ground Water Elevation (NGVD):

Depth to Water (ft.):

Well Type:

- ☐ Background
- ☐ Intermediate
- ☐ Compliance
- ☒ Other

STORET Code	Parameter	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Results/Units		Detection Limits/Units
77562	1,1,1,2-TETRACHLORETHANE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34506	1,1,1-TRICHLOROETHANE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34516	1,1,2,2-TETRACHLOROETHANE	GRAB	N	EPA8260	< .2	ug/L	.2 ug/L
34511	1,1,2-TRICHLOROETHANE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34496	1,1-DICHLOROETHANE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34501	1,1-DICHLOROETHENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
77443	1,2,3-TRICHLOROPROPANE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34536	1,2-DICHLOROBENZENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34531	1,2-DICHLOROETHANE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34541	1,2-DICHLOROPROPANE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34571	1,4-DICHLOROBENZENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
77103	2-HEXANONE	GRAB	N	EPA8260	< 5	ug/L	5 ug/L
78133	4-METHYL-2-PENTANONE	GRAB	N	EPA8260	< 5	ug/L	5 ug/L
81552	ACETONE	GRAB	N	EPA8260	< 5	ug/L	5 ug/L
34215	ACRYLONITRILE	GRAB	N	EPA8260	< 4	ug/L	4 ug/L
78124	BENZENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
73085	BROMOCHLOROMETHANE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
32101	BROMODICHLOROMETHANE	GRAB	N	EPA8260	< .6	ug/L	.6 ug/L
32104	BROMOFORM	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
77041	CARBON DISULFIDE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
32102	CARBON TETRACHLORIDE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34301	CHLOROBENZENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34311	CHLOROETHANE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
32106	CHLOROFORM	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34418	CHLOROMETHANE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
77093	cis 1,2 DICHLOROETHYLENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34704	cis 1,3-DICHLOROPROPENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
32105	DIBROMOCHLOROMETHANE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
30217	DIBROMOMETHANE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
78113	ETHYLBENZENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34413	METHYL BROMIDE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
81595	METHYL ETHYL KETONE	GRAB	N	EPA8260	< 5	ug/L	5 ug/L
77424	METHYL IODIDE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34423	METHYLENE CHLORIDE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
77128	STYRENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34475	TETRACHLOROETHYLENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
78131	TOLUENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34699	trans 1,3-DICHLOROPROPENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
73547	trans 1,4-DICHLORO-2-BUTENE	GRAB	N	EPA8260	< 4	ug/L	4 ug/L
34546	trans-1,2-DICHLOROETHENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
39180	TRICHLOROETHYLENE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
34488	TRICHLOROFLUOROMETHANE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
77057	VINYL ACETATE	GRAB	N	EPA8260	< 5	ug/L	5 ug/L

Well Name: TRAVEL BLANK 990520109

STORET Code	Parameter	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Results/Units		Detection Limits/Units
39175	VINYL CHLORIDE	GRAB	N	EPA8260	< 1	ug/L	1 ug/L
81551	XYLENES	GRAB	N	EPA8260	< 1	ug/L	1 ug/L

SAMPLE ID: BARNES (QC) **LAB ID: 9905201-05**

TEST	RECOVERY		METHOD	ANALYZED	BY
AMMONIA NITROGEN	58	%	EPA 350.1	05/20/99	LH
Appendix I Metals (TRACE)			EPA 6010		
antimony	103	%		05/21/99	DM
arsenic	106	%		05/21/99	DM
barium	97	%		05/21/99	DM
beryllium	110	%		05/21/99	DM
cadmium	114	%		05/21/99	DM
chromium	111	%		05/21/99	DM
cobalt	115	%		05/21/99	DM
copper	99	%		05/21/99	DM
lead	113	%		05/21/99	DM
nickel	110	%		05/21/99	DM
selenium	103	%		05/21/99	DM
silver	102	%		05/21/99	DM
thallium	109	%		05/21/99	DM
vanadium	105	%		05/21/99	DM
zinc	118	%		05/21/99	DM
Appendix I Volatiles			EPA 8260		
1,1,1,2-tetrachlorethane	NA	%		05/21/99	CG
1,1,1-trichloroethane	NA	%		05/21/99	CG
1,1,2,2-tetrachloroethane	NA	%		05/21/99	CG
1,1,2-trichloroethane	NA	%		05/21/99	CG
1,1-dichloroethane	NA	%		05/21/99	CG
1,1-dichloroethene	145	%		05/21/99	CG
1,2,3-trichloropropane	NA	%		05/21/99	CG
1,2-dichlorobenzene	NA	%		05/21/99	CG
1,2-dichloroethane	NA	%		05/21/99	CG
1,2-dichloropropane	NA	%		05/21/99	CG
1,4-dichlorobenzene	NA	%		05/21/99	CG
2-hexanone	NA	%		05/21/99	CG
4-methyl-2-pentanone	NA	%		05/21/99	CG
acetone	NA	%		05/21/99	CG
acrylonitrile	NA	%		05/21/99	CG
benzene	97	%		05/21/99	CG
bromochloromethane	NA	%		05/21/99	CG
bromodichloromethane	94	%		05/21/99	CG
bromoform	NA	%		05/21/99	CG
carbon disulfide	NA	%		05/21/99	CG
carbon tetrachloride	NA	%		05/21/99	CG
chlorobenzene	100	%		05/21/99	CG
chloroethane	NA	%		05/21/99	CG
chloroform	NA	%		05/21/99	CG
chloromethane	NA	%		05/21/99	CG
cis 1,2 dichloroethylene	NA	%		05/21/99	CG
cis 1,3-dichloropropene	NA	%		05/21/99	CG
dibromochloromethane	NA	%		05/21/99	CG
dibromomethane	NA	%		05/21/99	CG
ethylbenzene	NA	%		05/21/99	CG
methyl bromide	NA	%		05/21/99	CG
methyl ethyl ketone	NA	%		05/21/99	CG
methyl iodide	NA	%		05/21/99	CG
methylene chloride	NA	%		05/21/99	CG
styrene	NA	%		05/21/99	CG
tetrachloroethylene	NA	%		05/21/99	CG
toluene	92	%		05/21/99	CG
trans 1,3-dichloropropene	NA	%		05/21/99	CG

SAMPLE ID: BARNES (QC) **LAB ID: 9905201-05**

TEST	RECOVERY		METHOD	ANALYZED	BY
trans 1,4-dichloro-2-bute	NA	%		05/21/99	CG
trans-1,2-dichloroethene	NA	%		05/21/99	CG
trichloroethylene	76	%		05/21/99	CG
trichlorofluoromethane	NA	%		05/21/99	CG
vinyl acetate	NA	%		05/21/99	CG
vinyl chloride	NA	%		05/21/99	CG
xylenes	NA	%		05/21/99	CG
CHLORIDE	100	%	EPA 325.2	05/21/99	KW
DIBROMOCHLOROPROPANE	132	%	EPA 504.1	05/22/99	RJM
ETHYLENE DIBROMIDE	151	%	EPA 504.1	05/22/99	RJM
IRON-ICP METHOD	108	%	EPA 6010	05/21/99	DM
MERCURY	107	%	EPA 7470	05/18/99	DS
NITRATE	116	%	EPA 353.2	05/14/99	BD
SODIUM-ICP METHOD	103	%	EPA 6010	05/21/99	DM

SAMPLE ID: BARNES (QC DUP) **LAB ID: 9905201-06**

TEST	RECOVERY		METHOD	ANALYZED	BY
AMMONIA NITROGEN	50	%	EPA 350.1	05/20/99	LH
Appendix I Metals (TRACE)			EPA 6010		
antimony	102	%		05/21/99	DM
arsenic	106	%		05/21/99	DM
barium	97	%		05/21/99	DM
beryllium	110	%		05/21/99	DM
cadmium	113	%		05/21/99	DM
chromium	110	%		05/21/99	DM
cobalt	115	%		05/21/99	DM
copper	99	%		05/21/99	DM
lead	113	%		05/21/99	DM
nickel	109	%		05/21/99	DM
selenium	103	%		05/21/99	DM
silver	102	%		05/21/99	DM
thallium	108	%		05/21/99	DM
vanadium	105	%		05/21/99	DM
zinc	116	%		05/21/99	DM
Appendix I Volatiles			EPA 8260		
1,1,1,2-tetrachlorethane	NA	%		05/21/99	CG
1,1,1-trichloroethane	NA	%		05/21/99	CG
1,1,2,2-tetrachloroethane	NA	%		05/21/99	CG
1,1,2-trichloroethane	NA	%		05/21/99	CG
1,1-dichloroethane	NA	%		05/21/99	CG
1,1-dichloroethene	152	%		05/21/99	CG

SAMPLE ID: BARNES (QC DUP) **LAB ID: 9905201-06**

TEST	RECOVERY		METHOD	ANALYZED	BY
1,2,3-trichloropropane	NA	%		05/21/99	CG
1,2-dichlorobenzene	NA	%		05/21/99	CG
1,2-dichloroethane	NA	%		05/21/99	CG
1,2-dichloropropane	NA	%		05/21/99	CG
1,4-dichlorobenzene	NA	%		05/21/99	CG
2-hexanone	NA	%		05/21/99	CG
4-methyl-2-pentanone	NA	%		05/21/99	CG
acetone	NA	%		05/21/99	CG
acrylonitrile	NA	%		05/21/99	CG
benzene	99	%		05/21/99	CG
bromochloromethane	NA	%		05/21/99	CG
bromodichloromethane	95	%		05/21/99	CG
bromoform	NA	%		05/21/99	CG
carbon disulfide	NA	%		05/21/99	CG
carbon tetrachloride	NA	%		05/21/99	CG
chlorobenzene	105	%		05/21/99	CG
chloroethane	NA	%		05/21/99	CG
chloroform	NA	%		05/21/99	CG
chloromethane	NA	%		05/21/99	CG
cis 1,2 dichloroethylene	NA	%		05/21/99	CG
cis 1,3-dichloropropene	NA	%		05/21/99	CG
dibromochloromethane	NA	%		05/21/99	CG
dibromomethane	NA	%		05/21/99	CG
ethylbenzene	NA	%		05/21/99	CG
methyl bromide	NA	%		05/21/99	CG
methyl ethyl ketone	NA	%		05/21/99	CG
methyl iodide	NA	%		05/21/99	CG
methylene chloride	NA	%		05/21/99	CG
styrene	NA	%		05/21/99	CG
tetrachloroethylene	NA	%		05/21/99	CG
toluene	82	%		05/21/99	CG
trans 1,3-dichloropropene	NA	%		05/21/99	CG
trans 1,4-dichloro-2-bute	NA	%		05/21/99	CG
trans-1,2-dichloroethene	NA	%		05/21/99	CG
trichloroethylene	121	%		05/21/99	CG
trichlorofluoromethane	NA	%		05/21/99	CG
vinyl acetate	NA	%		05/21/99	CG
vinyl chloride	NA	%		05/21/99	CG
xylenes	NA	%		05/21/99	CG
CHLORIDE	100	%	EPA 325.2	05/21/99	KW
DIBROMOCHLOROPROPANE	110	%	EPA 504.1	05/22/99	RJM
ETHYLENE DIBROMIDE	126	%	EPA 504.1	05/22/99	RJM
IRON-ICP METHOD	106	%	EPA 6010	05/21/99	DM
MERCURY	112	%	EPA 7470	05/18/99	DS
NITRATE	116	%	EPA 353.2	05/14/99	BD
SODIUM-ICP METHOD	103	%	EPA 6010	05/21/99	DM