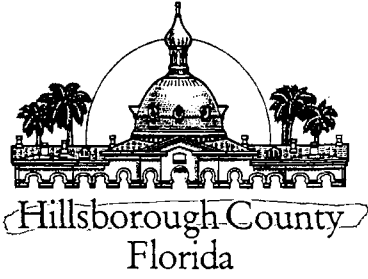


4029C30075
WAC 41193



BOARD OF COUNTY COMMISSIONERS
Pat Frank
Chris Hart
Jim Norman
Jan K. Platt
Thomas Scott
Ronda Storms
Ben Wacksman

Office of the County Administrator
Daniel A. Kleman

Deputy County Administrator
Patricia Bean

Assistant County Administrators
Edwin Hunzeker
Jimmie Keel
Anthony Shoemaker

January 10, 2000

Solid Waste Section
JAN 13 2000
RECEIVED

Mr. John Morris, P.G.
Department of Environmental Protection
Waste Management Section
3804 Coconut Palm Drive
Tampa, Fl. 33619 8318

5029-256427

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

Dear Mr. Morris

The Hillsborough County Solid Waste Management Department (HCSWMD) is pleased to provide the analytical data for the routine water quality monitoring of four domestic supply wells in the vicinity of the Southeast County Landfill. Samples were collected on November 16, 1999 by HCSWMD, and analyzed by Post, Buckley, Schuh and Jernigan, Inc. An analytical data summary table is enclosed for your review.

If you have any questions or comments on this information, please call me at 276-2955.

Sincerely,
Kim Byer

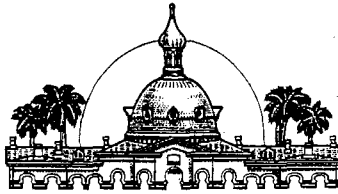
Kim Byer
Hydrologist
Solid Waste Management Department

Enclosures

- xc: Thomas G. Smith, Solid Waste Management Department
- Patricia Berry, Solid Waste Management Department
- David S. Adams, P.G. Solid Waste Management Department
- Matt Mathews, Solid Waste Management Department
- Chongman Lee, Department of Environmental Protection
- Jay P. McMahan, P.E., General Manager, Waste Management, Southeast Landfill
- Sheree Henninger, Waste Management Southeast Landfill
- Irene Barnes, Southeast Hillsborough Civic Association
- Paul Schipfer, EPC
- Larry Ruiz, SCS Engineers

Analytical Results from Private Well Samples at the Southeast Landfill November 16, 1999

GENERAL (mg/l) PARAMETERS	Private Wells				(MCL) STANDARD
	Weeks	Holland	McBride	Barnes	F.A.C. 62-550
conductivity (umhos/cm) (field)	518	399	351	411	NS
pH (field)	7.03	7.15	7.62	7.48	(6.5 - 8.5)**
total dissolved solids (mg/l)	328	252	244	260	500**
temperature (°C) (field)	22.5	23.6	24.3	23.1	NS
turbidity (NTU) (field)	3.2	1.2	1	1.2	NS
chloride (mg/l)	22	23	7	10	250**
ammonia nitrogen (mg/l as N)	0.06	0.04	0.16	0.13	NS
nitrate (mg/l as N)	BDL	BDL	BDL	BDL	10*
dissolved oxygen (mg/l) (field)	1.02	0.72	1.31	2.17	NS
total alpha (pCi/l)	13.1	4.9	5	3.8	15*
radium 226 (pCi/l)	7.8	-	2	-	5*
Private Wells					
					(MCL) STANDARD
Metals: (mg/l)	Weeks	Holland	McBride	Barnes	F.A.C. 62-550
iron	0.700	1.500	0.150	0.140	0.3**
chromium	BDL	BDL	BDL	BDL	0.2
copper	BDL	BDL	BDL	BDL	1**
barium	0.005	0.004	0.004	0.005	2*
arsenic	BDL	BDL	BDL	BDL	0.05*
lead	BDL	BDL	BDL	BDL	0.015*
sodium	9.7	5.5	9.4	17	160*
mercury	BDL	BDL	BDL	BDL	0.002
zinc	0.160	0.090	BDL	0.070	5**
Organics: (µg/l)					
E.P.A. Methods 8260	Private Wells				(MCL) STANDARD
Organic Parameters Detected	Weeks	Holland	McBride	Barnes	F.A.C. 62-550
1,1-dichloroethene	BDL	BDL	BDL	BDL	7*
Notes: Reference Groundwater Guidance Concentrations, FDEP June 1994					
NS=NO STANDARD					
MCL=MAXIMUM CONTAMINANT LEVEL					
BDL=BELOW DETECTION LIMIT					
ND=NO SURVEY DATA AVAILABLE					
*=DENOTES PRIMARY DRINKING WATER STANDARD					
**=DENOTES SECONDARY DRINKING WATER STANDARD					
0.630 EXCEEDS STANDARDS					
NTU=NEPHELOMETRIC TURBIDITY UNITS					
pCi/l=PICOCURIES PER LITER					
ug/l=MICROGRAMS PER LITER					
mg/l=MILLIGRAMS PER LITER					
(-)=indicates that the sample was not analyzed for this parameter					



Hillsborough County
Florida

Office of the County Administrator
Daniel A. Kleman

BOARD OF COUNTY COMMISSIONERS

Pat Frank
Chris Hart
Jim Norman
Jan K. Platt
Thomas Scott
Ronda Storms
Ben Wacksman

Deputy County Administrator
Patricia Bean

Assistant County Administrators
Edwin Hunzeker
Jimmie Keel
Anthony Shoemaker

January 10, 2000

Ms. Irene Barnes
Southeast Hillsborough Civic Association, Inc.
P.O. Box 108
Lithia, Fl. 33547

Subject: Analytical Data Report for the Domestic Supply Wells in the vicinity of the Southeast County Landfill

Dear Ms. Barnes:

The Hillsborough County Solid Waste Management Department (HCSWMD) is pleased to provide the analytical data from of the four domestic supply wells in the vicinity of the Southeast County Landfill. The sampling was conducted on November 16, 1999.

If you or any member of SEHCA have any questions concerning the analyses, please call me at 276-2955.

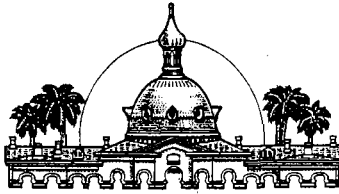
Sincerely,

Kim Byer
Hydrologist
Solid Waste Management Department

kab

Enclosures

xc: Thomas G. Smith, Solid Waste Management Department
Patricia Berry, Solid Waste Management Department
David S. Adams, P.G., Solid Waste Management Department



Hillsborough County
Florida

Office of the County Administrator
Daniel A. Kleman

BOARD OF COUNTY COMMISSIONERS

Pat Frank
Chris Hart
Jim Norman
Jan K. Platt
Thomas Scott
Ronda Storms
Ben Wacksman

Deputy County Administrator
Patricia Bean

Assistant County Administrators
Edwin Hunzeker
Jimmie Keel
Anthony Shoemaker

January 10, 2000

Mr. Howard Barnes
P.O. Box 108
Lithia Fl. 33547

Subject: Analytical Data
Domestic Supply Well
121 Carter Road

Dear Mr. Barnes:

The Hillsborough County Solid Waste Management Department (HCSWMD) is pleased to provide the analytical data for your domestic supply well which was sampled on November 16, 1999. The results are within Florida Primary and Secondary Drinking Water Standards (FAC Ch 62-550.310-320).

If you have any questions on the analysis, you may call me at 276-2955. Thank you for permission to test this well.

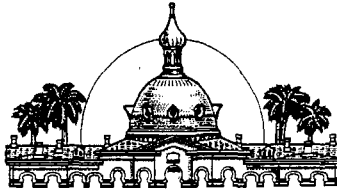
Sincerely,

Kim Byer
Hydrologist
Solid Waste Management Department

kab

Enclosures

xc: Thomas G. Smith, Solid Waste Management Department
Patricia Berry, Solid Waste Management Department
David S. Adams, P.G., Solid Waste Management Department
Matt Matthews, Solid Waste Management Department
Irene Barnes, Southeast Hillsborough Civic Association
Jordan Lewis, Hillsborough County Health Department
Paul Schipfer, Environmental Protection Commission



Hillsborough County
Florida

Office of the County Administrator
Daniel A. Kleman

BOARD OF COUNTY COMMISSIONERS

Pat Frank
Chris Hart
Jim Norman
Jan K. Platt
Thomas Scott
Ronda Storms
Ben Wacksman

Deputy County Administrator
Patricia Bean

Assistant County Administrators
Edwin Hunzeker
Jimmie Keel
Anthony Shoemaker

January 10, 2000

Mr. Tom Holland
121 Carter Road
Lithia, Fl. 33547

Subject: Analytical Data
Domestic Supply Well
121 Carter Road

Dear Mr. Holland:

The Hillsborough County Solid Waste Management Department (HCSWMD) is pleased to provide the analytical data for your domestic supply well which was sampled on November 16, 1999. Iron was observed at concentration of 1.50 mg/l which is in exceedance of the Florida Secondary Standard (FAC Ch 62-550.310) of 0.30 mg/l. All other results are within Florida Primary and Secondary Drinking Water Standards (FAC Ch 62-550.310-320).

For health effects information you may call the Hillsborough County Health Department at (813) 272-6320.

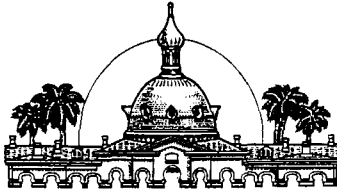
If you have any questions on the analysis, you may call me at 276-2955. Thank you for permission to test this well.

Sincerely,

Kim Byer
Hydrologist
Solid Waste Management Department

kab
Enclosures

xc: Thomas G. Smith, Solid Waste Management Department
Patricia Berry, Solid Waste Management Department
David S. Adams, P.G., Solid Waste Management Department
Matt Matthews, Solid Waste Management Department
Irene Barnes, Southeast Hillsborough Civic Association
Jordan Lewis, Hillsborough County Health Department
Paul Schipfer, Environmental Protection Commission



Hillsborough County
Florida

Office of the County Administrator
Daniel A. Kleman

BOARD OF COUNTY COMMISSIONERS

Pat Frank
Chris Hart
Jim Norman
Jan K. Platt
Thomas Scott
Ronda Storms
Ben Wacksman

Deputy County Administrator
Patricia Bean

Assistant County Administrators
Edwin Hunzeker
Jimmie Keel
Anthony Shoemaker

January 10, 2000

Mr. Ellis McBride
16517 C.R. 672
Lithia Fl. 33547

Subject: Analytical Data
Domestic Supply Well
16517 C.R. 672

Dear Mr. McBride:

The Hillsborough County Solid Waste Management Department (HCSWMD) is pleased to provide the analytical data for your domestic supply well which was sampled on November 16, 1999. All results are within Florida Primary and Secondary Drinking Water Standards (FAC Ch 62-550.310-320).

If you have any questions on the analysis, you may call me at 276-2955. Thank you for permission to test this well.

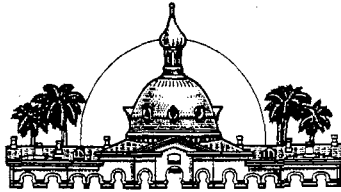
Sincerely,

Kim Byer
Hydrologist
Solid Waste Management Department

kab

Enclosures

xc: Thomas G. Smith, Solid Waste Management Department
Patricia Berry, Solid Waste Management Department
David S. Adams, P.G., Solid Waste Management Department
Matt Matthews, Solid Waste Management Department
Irene Barnes, Southeast Hillsborough Civic Association
Jordan Lewis, Hillsborough County Health Department
Paul Schipfer, Environmental Protection Commission



Hillsborough County
Florida

Office of the County Administrator
Daniel A. Kleman

BOARD OF COUNTY COMMISSIONERS

Pat Frank
Chris Hart
Jim Norman
Jan K. Platt
Thomas Scott
Ronda Storms
Ben Wacksman

Deputy County Administrator
Patricia Bean

Assistant County Administrators
Edwin Hunzeker
Jimmie Keel
Anthony Shoemaker

January 10, 2000

Mr. & Ms. Harold Weeks
116 Wendel Ave.
Lithia Fl. 33547

Subject: Analytical Data
Domestic Supply Well
116 Wendel Ave.

Dear Mr. & Ms. Weeks;

The Hillsborough County Solid Waste Management Department (HCSWMD) is pleased to provide the analytical data for your domestic supply well which was sampled on November 16, 1999. Radium 226 and Iron were observed at concentrations of 7.6 pCi/l and 0.70 mg/l in exceedance of the Florida Primary and Secondary Standards (FAC Ch 62-550.310-320) of 5 pCi/l and 0.30 mg/l. All other results are within Florida Primary and Secondary Drinking Water Standards (FAC Ch 62-550.310-320).

For health effects information you may call the Hillsborough Health Department at (813) 272-6320.

If you have any questions on the analysis, you may call me at 276-2955. Thank you for permission to test this well.

Sincerely,

Kim Byer
Hydrologist
Solid Waste Management Department

kab

Enclosures

xc: Thomas G. Smith, Solid Waste Management Department
Patricia Berry, Solid Waste Management Department
David S. Adams, P.G., Solid Waste Management Department
Matt Matthews, Solid Waste Management Department
Irene Barnes, Southeast Hillsborough Civic Association
Jordan Lewis, Hillsborough County Health Department
Paul Schipfer, Environmental Protection Commission

Well Diameter (in):

Elevation (NVGD):

Total Depth:

Water Level (ft):

Evacuation (gal):

Ground Water Elevation (NGVD):

Sample Appearance:

<CTRL-ALT-M>

Facility GMS #:

Sample Date/Time: 11/16/99 8:53:00 AM

Test Site ID #:

Report Period: 99/4

Well Name: WEEKS

9911231 02

Well Purged (Y/N):

Classification of Ground Water: G II

SEMLF

Well Type:

- Background
- Intermediate
- Compliance
- Other

Ground Water Elevation (NGVD):

Ground Water Elevation (ft. MSL):

w914

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	518 umhos/cm	Fld umhos/cm
00406	pH IN FIELD	GRAB	N	EPA150.1	7.03 pH UNITS	Fld pH UNITS
70300	TOTAL DISSOLVED SOLIDS	GRAB	N	EPA160.1	328 mg/L	10 mg/L
00010	TEMPERATURE IN FIELD	GRAB	N	EPA170.1	22.5 DEG C	Fld DEG C
82078	TURBIDITY IN FIELD	GRAB	N	EPA180.1	3.2 ntu	Fld ntu
00940	CHLORIDE	GRAB	N	EPA325.2	.22 mg/L	1 mg/L
00610	AMMONIA NITROGEN	GRAB	N	EPA350.1	.06 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	1.02 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
01096	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	700 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	9.7 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	160 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

STORET Code	Parameter	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Results/Units	Detection Limits/Units
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
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	13.1 pCi/L	.1 pCi/L
01502	ALPHA-counting error	GRAB	N	EPA900.0	3.5 pCi/L	pCi/L
09501	RADIUM 226 IN WATER	GRAB	N	EPA903.1	7.8 pCi/L	.1 pCi/L
09502	RADIUM 226-counting error	GRAB	N	EPA903.1	.3 pCi/L	pCi/L

Well Diameter (in):

Elevation (NVGD):

Total Depth:

Water Level (ft):

Evacuation (gal):

Ground Water Elevation (NGVD):

Sample Appearance:

Facility GMS #:

Sample Date/Time: 11/16/99 9:38:00 AM

Test Site ID #:

Report Period: 99/4

Well Name: HOLLAND

9911231 07

Well Purged (Y/N):

Classification of Ground Water: G II

Well Type:

Ground Water Elevation (NGVD):

W 883

- Background
- Intermediate
- Compliance
- Other

Ground Water Elevation (ft. MSL):

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	399 umhos/cm	Fld umhos/cm
00406	pH IN FIELD	GRAB	N	EPA150.1	7.15 pH UNITS	Fld pH UNITS
70300	TOTAL DISSOLVED SOLIDS	GRAB	N	EPA160.1	252 mg/L	10 mg/L
00010	TEMPERATURE IN FIELD	GRAB	N	EPA170.1	23.6 DEG C	Fld DEG C
82078	TURBIDITY IN FIELD	GRAB	N	EPA180.1	1.2 ntu	Fld ntu
00940	CHLORIDE	GRAB	N	EPA325.2	23 mg/L	1 mg/L
00610	AMMONIA NITROGEN	GRAB	N	EPA350.1	.04 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	.72 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
01096	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	< 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	1500 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	5.5 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	90 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

STORET Code	Parameter	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Results/Units	Detection Limits/Units
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	CHLOROETHANE	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	4.9 pCi/L	.1 pCi/L
01502	ALPHA-counting error	GRAB	N	EPA900.0	2 pCi/L	pCi/L

Well Diameter (in):

Elevation (NVGD):

Total Depth:

Water Level (ft):

Evacuation (gal):

Ground Water Elevation (NGVD):

Sample Appearance:

Facility GMS #:

Sample Date/Time: 11/16/99 11:02:00 AM

Test Site ID #:

Report Period: 99/4

Well Name: MCBRIDE

9911231 01

Well Purged (Y/N):

Classification of Ground Water: G II

Well Type:

Ground Water Elevation (NGVD):

W 882

Background

Intermediate

Ground Water Elevation (ft. MSL):

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	351 umhos/cm	Fld umhos/cm
00406	pH IN FIELD	GRAB	N	EPA150.1	7.62 pH UNITS	Fld pH UNITS
70300	TOTAL DISSOLVED SOLIDS	GRAB	N	EPA160.1	244 mg/L	10 mg/L
00010	TEMPERATURE IN FIELD	GRAB	N	EPA170.1	24.3 DEG C	Fld DEG C
82078	TURBIDITY IN FIELD	GRAB	N	EPA180.1	1 ntu	Fld ntu
00940	CHLORIDE	GRAB	N	EPA325.2	7 mg/L	1 mg/L
00610	AMMONIA NITROGEN	GRAB	N	EPA350.1	.16 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	1.31 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
01096	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	< 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	150 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	9.4 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-TETRACHLOROETHANE	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

STORET Code	Parameter	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Results/Units	Detection Limits/Units
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	CHLOROETHANE	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	5 pCi/L	.1 pCi/L
01502	ALPHA-counting error	GRAB	N	EPA900.0	1.9 pCi/L	pCi/L
09501	RADIUM 226 IN WATER	GRAB	N	EPA903.1	2 pCi/L	.1 pCi/L
09502	RADIUM 226-counting error	GRAB	N	EPA903.1	.2 pCi/L	pCi/L

Well Diameter (in):

Elevation (NVGD):

Total Depth:

Water Level (ft):

Evacuation (gal):

Ground Water Elevation (NGVD):

Sample Appearance:

Facility GMS #:

Sample Date/Time: 11/16/99 10:18:00 AM

Test Site ID #:

Report Period: 99/4

Well Name: BARNES

9911231 04

Well Purged (Y/N):

Classification of Ground Water: G II

Well Type:

Ground Water Elevation (NGVD):

W881

- Background
- Intermediate
- Compliance
- Other

Ground Water Elevation (ft. MSL):

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	411 umhos/cm	Fld umhos/cm
00406	pH IN FIELD	GRAB	N	EPA150.1	7.48 pH UNITS	Fld pH UNITS
70300	TOTAL DISSOLVED SOLIDS	GRAB	N	EPA160.1	260 mg/L	10 mg/L
00010	TEMPERATURE IN FIELD	GRAB	N	EPA170.1	23.1 DEG C	Fld DEG C
82078	TURBIDITY IN FIELD	GRAB	N	EPA180.1	1.2 ntu	Fld ntu
00940	CHLORIDE	GRAB	N	EPA325.2	10 mg/L	1 mg/L
00610	AMMONIA NITROGEN	GRAB	N	EPA350.1	.13 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	2.17 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
01096	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	140 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	17 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	70 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

STORET Code	Parameter	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Results/Units		Detection Limits/Units
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	CHLOROETHANE	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	3.8	pCi/L	.1 pCi/L
01502	ALPHA-counting error	GRAB	N	EPA900.0	1.8	pCi/L	pCi/L