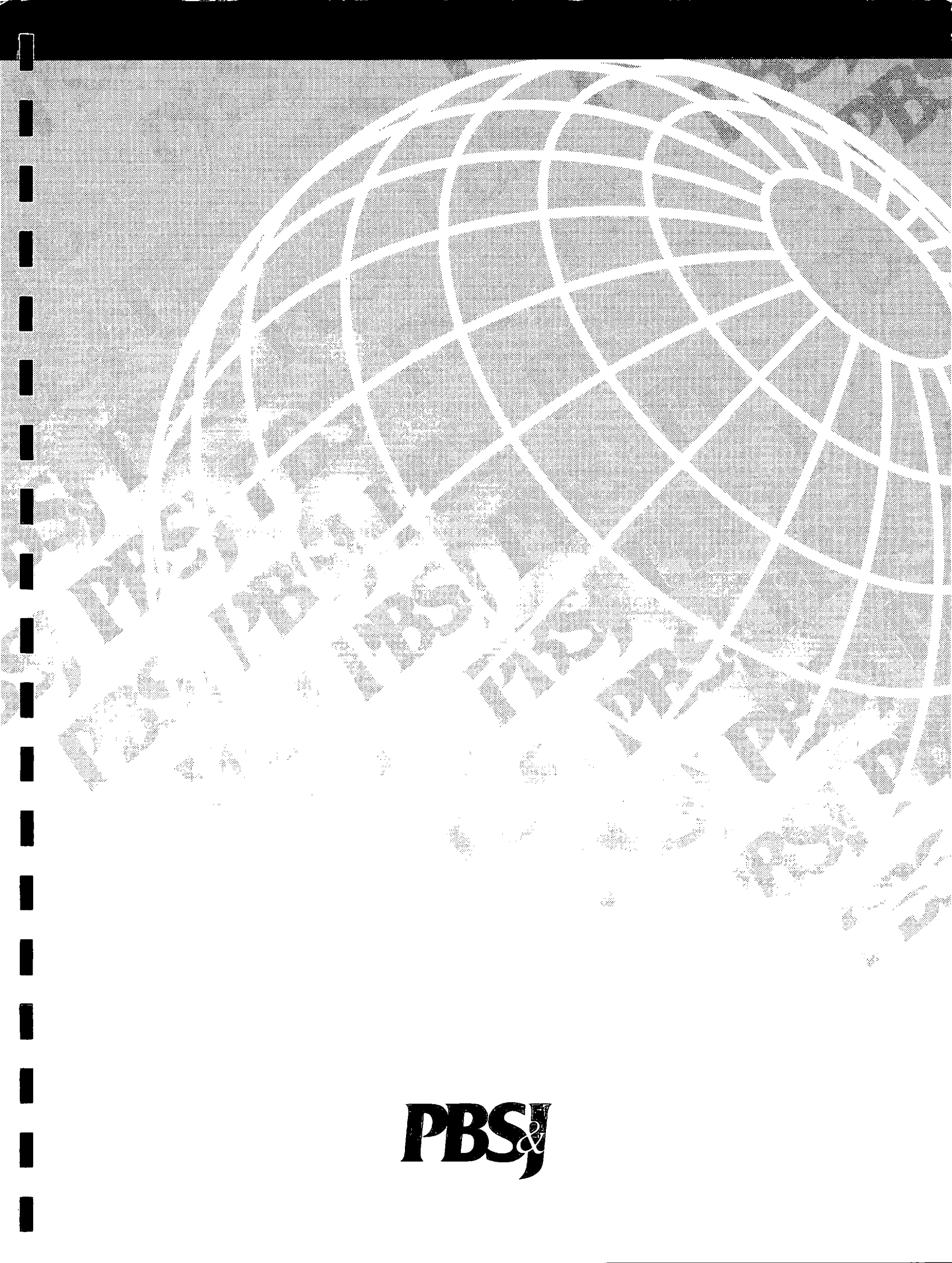

PBS&J

RECEIVED
MAR 2 3 2000
Department of Environmental Protection
BY SOUTHWEST DISTRICT

MONITORING WELL, PIEZOMETER, AND GAS PROBE CONSTRUCTION DETAIL
AND
GROUNDWATER QUALITY REPORT
HARDEE COUNTY LANDFILL
PERMIT No. 38414-001-SC
SPECIFIC CONDITION No. 20

FILE

PBS&J

An employee-owned company

March 21, 2000

RECEIVED
MAR 2 3 2000
Department of Environmental Protection
BY SOUTHWEST DISTRICT

Ms. Susan Pelz, P.E.
Florida Department of Environmental Protection
Southwest District
3804 Coconut Palm Drive
Tampa, FL 33619-8313

RE: Groundwater Quality Report
Hardee County Landfill
Permit No.: 38414-001-SC
Specific Condition No. 20

Dear Ms. Pelz:

On behalf of the Hardee County Solid Waste Management Department, PBS&J is pleased to present the information required by the above-referenced permit for the installation of two new monitor wells, two new piezometers, and eleven new gas probes. The monitoring wells, designated MW-8 and MW-9, were installed and sampled in accordance with the requirement of the facility's construction permit for the liner and leachate tank construction effort. In addition to the monitoring wells, PBS&J also supervised the installation of two piezometers (designated P-15 and P-16) and eleven gas probes (designated GP-1 through GP-11). Please note that although the permit calls for the installation of nine gas probes, eleven were actually installed because we were working from an older set of drawings. Nine of the probes were installed at the locations specified by the permit.

Enclosed you will find three attachments. Attachment A includes the construction diagrams and associated information for the new monitoring wells, piezometers, and gas probes. Copies of the surveyed drawings of the new monitoring wells, piezometers, and gas probes are provided in Attachment B. The groundwater analytical laboratory report on the samples collected from wells MW-8 and MW-9 is provided in Attachment C.

If you have questions concerning this matter, then please call me or Greg Mudd at (407) 647-7275.

Yours truly,

P. Greg Mudd, P.G.
P.G. No. 1521

Enclosures
c:
J. Williamson, Hardee County Solid Waste Management
Dave Deans, PBS&J
07-0862.60 LL21
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ATTACHMENT A

MONITORING WELL, PIEZOMETER, AND GAS PROBES CONSTRUCTION SPECIFICS

MONITORING WELLS

HARDEE COUNTY LANDFILL
MONITORING WELL AND PIEZOMETER DATA
March 1, 2000

Monitoring Well/Piezometer Identifier	Status	Top-of-Casing Elevation (Ft-NGVD)	Ground Surface Elevation (Ft-NGVD)	Horizontal Location	
				Latitude	Longitude
Monitoring Wells					
MW-1	Active	87.97	86.24	27° 34' 25"	81° 47' 01"
MW-2	Active	85.86	83.75	27° 34' 13"	81° 46' 53"
MW-3	Active	87.75	85.99	27° 34' 13"	81° 47' 04"
MW-4	Active	87.16	84.09	27° 34' 25"	81° 46' 50"
MW-5	Active	88.76	85.83	27° 34' 20"	81° 47' 04"
MW-6	Active	87.94	84.59	27° 34' 10"	81° 46' 50"
MW-7	Active	87.51	84.43	27° 34' 08"	81° 47' 03"
MW-8(1)	Active	88.98	85.80	27° 34' 13"	81° 47' 01"
MW-9(1)	Active	88.71	85.90	27° 34' 12"	81° 46' 57"
Piezometers					
P-1	Active	91.27	89.89	27° 34' 24"	81° 47' 01"
P-2	Active	90.66	87.83	27° 34' 21"	81° 47' 03"
P-3(2)	Active	89.23	86.60	27° 34' 12"	81° 47' 01"
P-4	Active	88.34	86.01	27° 34' 11"	81° 46' 59"
P-5	Active	89.25	86.43	27° 34' 11"	81° 46' 57"
P-6(3)	Aban.	85.94	83.64	27° 34' 11"	81° 46' 55"
P-7	Active	84.04	81.91	27° 34' 07"	81° 46' 56"
P-8	Active	84.74	82.65	27° 34' 06"	81° 46' 57"
P-9	Active	87.06	85.12	27° 34' 13"	81° 46' 54"
P-10	Active	88.56	87.01	27° 34' 20"	81° 46' 55"
P-11	Active	87.16	85.03	27° 34' 20"	81° 46' 54"
P-12	Active	88.71	85.72	27° 34' 11"	81° 46' 54"
P-13	Active	87.60	84.59	27° 34' 09"	81° 47' 01"
P-14	Active	86.75	83.73	27° 34' 07"	81° 47' 01"
P-15*	Active	89.21	86.10	27° 34' 14"	81° 47' 01"
P-16*	Active	88.83	85.90	27° 34' 14"	81° 46' 57"

Abbreviations: Ft-NGVD = Feet above National Geodetic Vertical Datum.

Notes: (1) Installed in February, 2000.

(2) Replaced in January, 2000.

(3) Abandoned in December, 1999.

DEP Form # 62-522.900(3)
Form Title MONITOR WELL COMPLETION REPORT
Effective Date
DEP Application No. (Filled in by DEP)

Florida Department of Environmental Protection
Twin Towers Office Bldg. 2600 Blair Stone Road Tallahassee, Florida 32399-2400

MONITOR WELL COMPLETION REPORT

DATE: 1/31/00

INSTALLATION NAME: Hardee County Landfill

DEP PERMIT NUMBER: 9025-0096551 GMS NUMBER: 4025620001

WELL NUMBER: MW-8 WELL NAME:

DESIGNATION: Background Intermediate Compliance

LATITUDE/LONGITUDE: 27° 34' 13"/ 81° 47' 01"

AQUIFER MONITORED: Surficial

INSTALLATION METHOD: Hollow-Stem Auger

INSTALLED BY: Groundwater Protection, Inc. under the direction of PBS&J.

TOTAL DEPTH: 13 feet (bls) DEPTH OF SCREEN: 13 feet (bls)

SCREEN LENGTH: 10 feet SCREEN SLOT SIZE: 0.01 inch SCREEN TYPE: PVC

CASING DIAMETER: 2 inches CASING TYPE: PVC

LENGTH OF CASING: 3 feet (bls) FILTER PACK MATERIAL: 20/30 sand

TOP OF CASING ELEVATION (Ft-NGVD): 88.98

GROUND SURFACE ELEVATION (Ft-NGVD): 85.80

COMPLETION DATE: 1/31/00

DESCRIBE WELL DEVELOPMENT: Used cetrifugal pump to develop well. Well purged in a cycle whereby purged approximately 1 gallon in 15 seconds, stopped, recharged for approximately 45 seconds before pumping another gallon. Net purge rate of approximately 1 gallon a minute. Pumped well for approximately 45 minutes for a total purge volume of 45 gallons. Water turbidity dropped significantly during purging. Water clear at the end of development.

POST DEVELOPMENT WATER LEVEL ELEVATION (Ft-NGVD): 78.68

DATE AND TIME MEASURED: 2/2/00 - 1000

REMARKS: (soils information, stratigraphy, etc.): Upper 13 feet of subsurface comprised of ligt brown silty sand at a depth interval of 0-13 feet bls. Light green silty clay encountered at the depth interval of 11-13 feet bls. Water table situated at a depth of approixmately 9 feet bls.

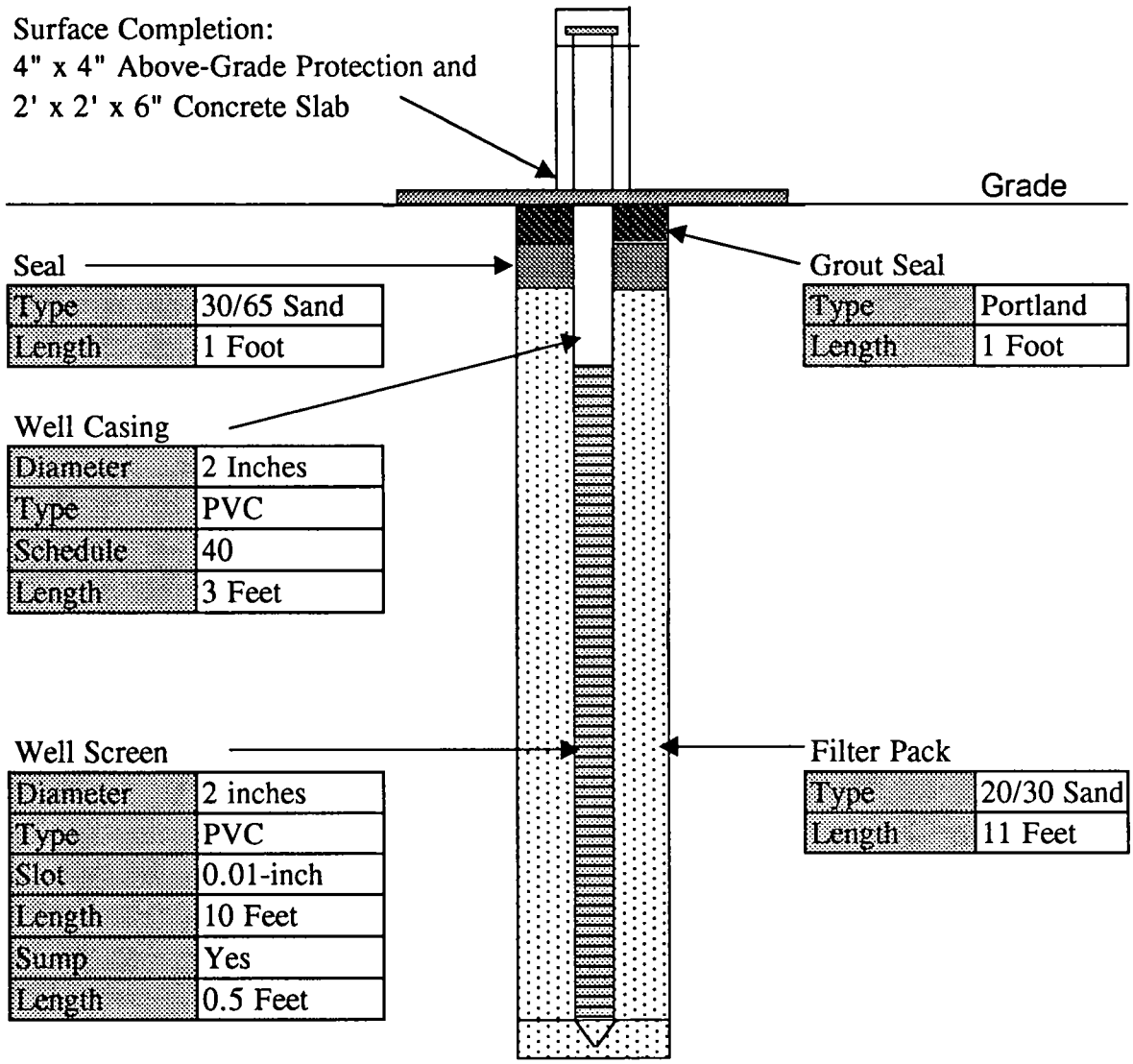
REPORT PREPARED BY: P. Greg Mudd, P.G.; PBS&J, (407) 647-7275.
(name, company, phone number)

NOTE: PLEASE ATTACH BORING LOG.

(bls)= Below Land Surface

MONITORING WELL CONSTRUCTION DIAGRAM

Site:	Hardee County Landfill
Well Identifier:	Monitoring Well MW-8
Drilling Method:	Hollow-Stem Auger
Borehole Diameter:	8 Inches
Total Depth:	13.5 feet below land surface
Aquifer Monitored:	Surficial
Top-of-Casing Elevation:	88.98 feet above NGVD
Ground Elevation:	85.80 feet above NGVD
Horizontal Location:	Latitude: 27° 34' 13" Longitude: 81° 47' 01"
SWFWMD Permit No.:	63-1050.04



PBS&J

Note: Not to scale.

SOIL BORING LOG

CLIENT: Hardee County Solid Waste Department Sheet 1 of 1

LOCATION: Hardee County Landfill, Wauchula, Florida

JOB NO.: 07-862.60 BORING NO.: Monitoring Well MW-8

GROUNDWATER: 9 feet bls.

While Drilling	N/A	Before Casing Removal	N/A	Start	N/A	S.S.Diam	NA
Depth to Cave-in	N/A	After Casing Removal	N/A	Unit	N/A	Unit	N/A

Sample No	Moisture	Blow Count		Recovery	VISUAL FIELD CLASSIFICATION AND REMARKS	Refusal	Drilling Fluid: Fluid Type	Drilling Fluid: Fluid Loss	Drilling Method
1	X	X	X	X	Gray and light brown silty, fine-grained sand. (SP/SM) (hand-auger to four feet bls)	X	X	X	HS Auger
2	X	X	X	X		X	X	X	
3	X	X	X	X		X	X	X	
4	X	X	X	X		X	X	X	
5	X	X	X	X		X	X	X	
6	X	X	X	X	(Water table @ 9 feet bls)	X	X	X	
7	X	X	X	X		X	X	X	
8	X	X	X	X		X	X	X	
9	X	X	X	X		X	X	X	
10	X	X	X	X		X	X	X	
11	X	X	X	X	Light green silty, fine to coarse-grained sandy clay. Percentoge of clay increases with depth. (SM/CL)	X	X	X	
12	X	X	X	X		X	X	X	
13	X	X	X	X	End of boring.	X	X	X	
					15				
					20				
						AU			
					25				
					30				
					35				
					40				
					45				
					50				

PBS&J

DEP Form # 62-522.900(3)
Form Title MONITOR WELL COMPLETION REPORT
Effective Date
DEP Application No. (Filled in by DEP)

Florida Department of Environmental Protection
Twin Towers Office Bldg. 2600 Blair Stone Road Tallahassee, Florida 32399-2400

MONITOR WELL COMPLETION REPORT

DATE: 1/31/00

INSTALLATION NAME: Hardee County Landfill

DEP PERMIT NUMBER: 9025-0096551 GMS NUMBER: 4025620001

WELL NUMBER: MW-9 WELL NAME:

DESIGNATION: Background Intermediate Compliance

LATITUDE/LONGITUDE: 27° 34' 12"/ 81° 46' 57"

AQUIFER MONITORED: Surficial

INSTALLATION METHOD: Hollow-Stem Auger

INSTALLED BY: Groundwater Protection, Inc. under the direction of PBS&J.

TOTAL DEPTH: 13 feet (bls) DEPTH OF SCREEN: 13 feet (bls)

SCREEN LENGTH: 10 feet SCREEN SLOT SIZE: 0.01 inch SCREEN TYPE: PVC

CASING DIAMETER: 2 inches CASING TYPE: PVC

LENGTH OF CASING: 3 feet (bls) FILTER PACK MATERIAL: 20/30 sand

TOP OF CASING ELEVATION (Ft-NGVD): 88.71

GROUND SURFACE ELEVATION (Ft-NGVD): 85.90

COMPLETION DATE: 1/31/00

DESCRIBE WELL DEVELOPMENT: Used cetrifugal pump to develop well. Well purged in a cycle whereby purged approximately 1 gallon in 15 seconds, stopped, recharged for approximately 45 seconds before pumping another gallon. Net purge rate of approximately 1 gallon a minute. Pumped well for approximately 40 minutes for a total purge volume of 40 gallons. Water turbidity decreased significantly during purging. Water clear at the end of development.

POST DEVELOPMENT WATER LEVEL ELEVATION (Ft-NGVD): 78.61

DATE AND TIME MEASURED: 2/3/00 - 1000

REMARKS: (soils information, stratigraphy, etc.) : Upper 13 feet of subsurface comprised of ligt brown silty sand at a depth interval of 0-13 feet bls. Light green silty clay encountered at the depth interval of 12-13 feet bls. Water table situated at a depth of approixmately 9 feet bls.

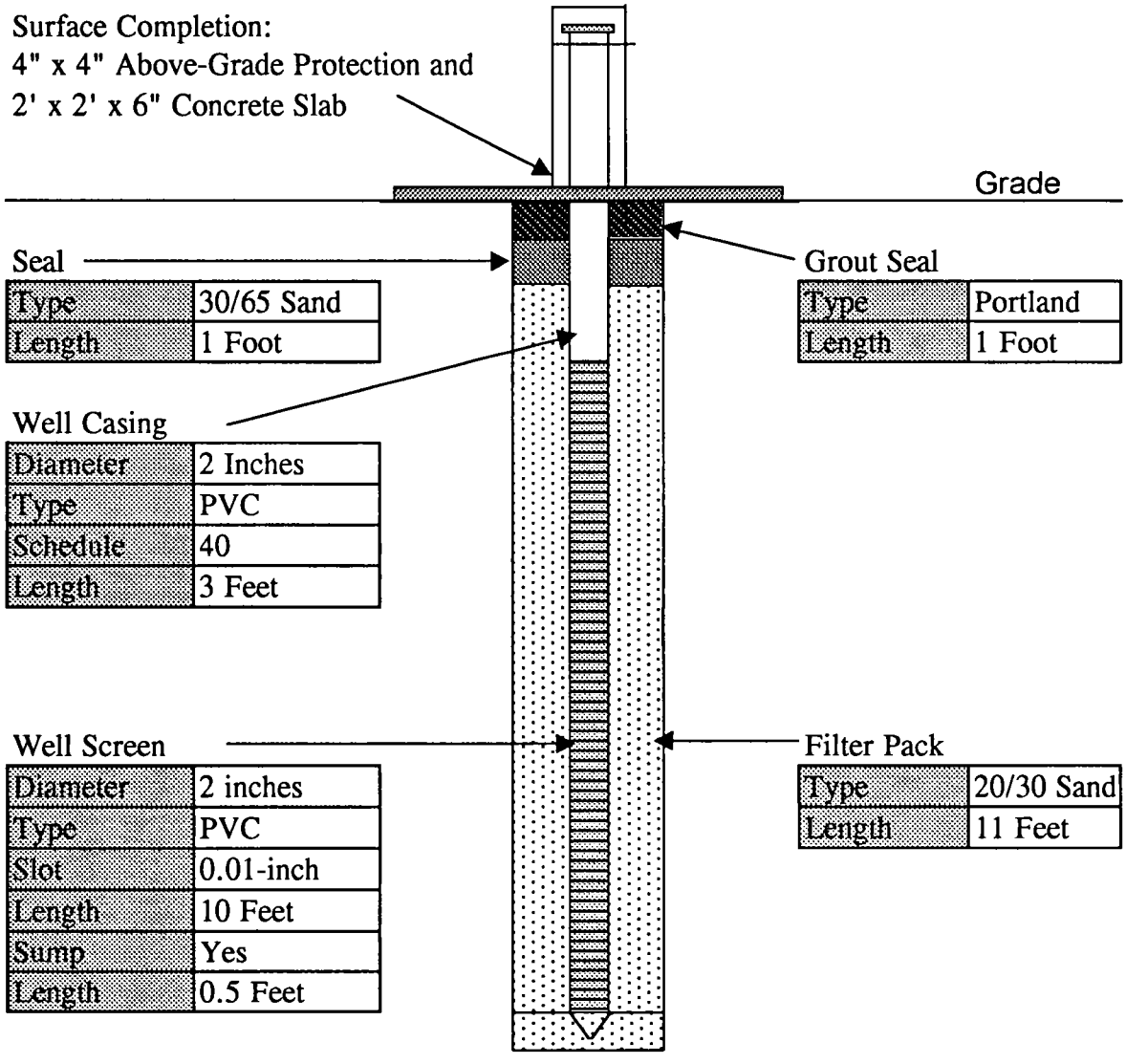
REPORT PREPARED BY: P. Greg Mudd, P.G.; PBS&J, (407) 647-7275.
(name, company, phone number)

NOTE: PLEASE ATTACH BORING LOG.

(bls)= Below Land Surface

MONITORING WELL CONSTRUCTION DIAGRAM

Site:	Hardee County Landfill
Well Identifier:	Monitoring Well MW-9
Drilling Method:	Hollow-Stem Auger
Borehole Diameter:	8 Inches
Total Depth:	13.5 feet below land surface
Aquifer Monitored:	Surficial
Top-of-Casing Elevation:	88.71 feet above NGVD
Ground Elevation:	85.90 feet above NGVD
Horizontal Location:	Latitude: 27° 34' 12" Longitude: 81° 46' 57"
SWFWMD Permit No.:	63-1050.04



PBS&J

Note: Not to scale.

SOIL BORING LOG

CLIENT: Hardee County Solid Waste Department Sheet 1 of 1

LOCATION: Hardee County Landfill, Wauchula, Florida

JOB NO.: 07-862.60 BORING NO.: Monitoring Well MW-9

GROUNDWATER: 9 feet bls.

While Drilling	N/A	Before Casing Removal	N/A	Start	N/A	S.S.Diam	NA
Depth to Cave-in	N/A	After Casing Removal	N/A	Unit	N/A	Unit	N/A

Sample No	Moisture	Blow Count		Recovery	VISUAL FIELD CLASSIFICATION AND REMARKS	Refusal	Drilling Fluid		Drilling Method
							Fluid Type	Fluid Loss	
1	X	X	X	X	Gray and light brown silty, fine-grained sand. (SP/SM) (hand-auger to four feet bls)	X	X	X	HS Auger
2	X	X	X	X		X	X	X	
3	X	X	X	X		X	X	X	
4	X	X	X	X		X	X	X	
5	X	X	X	X		X	X	X	
6	X	X	X	X	(Water table @ 9 feet bls)	X	X	X	
7	X	X	X	X		X	X	X	
8	X	X	X	X		X	X	X	
9	X	X	X	X		X	X	X	
10	X	X	X	X		X	X	X	
11	X	X	X	X		X	X	X	
12	X	X	X	X		X	X	X	
13	X	X	X	X	Light green silty, fine to coarse-grained sandy clay. Percentoge of clay increases with depth. (SM/CL) End of boring.	X	X	X	

PBS&J

PIEZOMETERS

DEP Form # 62-522.900(3)
Form Title MONITOR WELL COMPLETION REPORT
Effective Date
DEP Application No. (Filled in by DEP)

Florida Department of Environmental Protection
Twin Towers Office Bldg. 2600 Blair Stone Road Tallahassee, Florida 32399-2400

MONITOR WELL COMPLETION REPORT

DATE: 1/31/00

INSTALLATION NAME: Hardee County Landfill

DEP PERMIT NUMBER: 9025-0096551 GMS NUMBER: 4025620001

WELL NUMBER: P-15 (Piezometer) WELL NAME:

DESIGNATION: Background Intermediate Compliance

LATITUDE/LONGITUDE: 27° 34' 12"/ 81° 46' 57"

AQUIFER MONITORED: Surficial

INSTALLATION METHOD: Hollow-Stem Auger

INSTALLED BY: Groundwater Protection, Inc. under the direction of PBS&J.

TOTAL DEPTH: 13 feet (bls) DEPTH OF SCREEN: 13 feet (bls)

SCREEN LENGTH: 10 feet SCREEN SLOT SIZE: 0.01 inch SCREEN TYPE: PVC

CASING DIAMETER: 2 inches CASING TYPE: PVC

LENGTH OF CASING: 3 feet (bls) FILTER PACK MATERIAL: 20/30 sand

TOP OF CASING ELEVATION (Ft-NGVD): 88.71

GROUND SURFACE ELEVATION (Ft-NGVD): 85.90

COMPLETION DATE: 1/31/00

DESCRIBE WELL DEVELOPMENT: Used cetrifugal pump to develop well. Well purged in a cycle whereby purged approximately 1 gallon in 15 seconds, stopped, recharged for approximately 45 seconds before pumping another gallon. Net purge rate of approximately 1 gallon a minute. Pumped well for approximately 40 minutes for a total purge volume of 40 gallons. Water turbidity decreased significantly during purging. Water clear at the end of development.

POST DEVELOPMENT WATER LEVEL ELEVATION (Ft-NGVD): 78.11

DATE AND TIME MEASURED: 2/2/00 - 0900

REMARKS: (soils information, stratigraphy, etc.) : Upper 13 feet of subsurface comprised of ligt brown silty sand at a depth interval of 0-13 feet bls. Light green silty clay encountered at the depth interval of 12-13 feet bls. Water table situated at a depth of approixmately 9 feet bls.

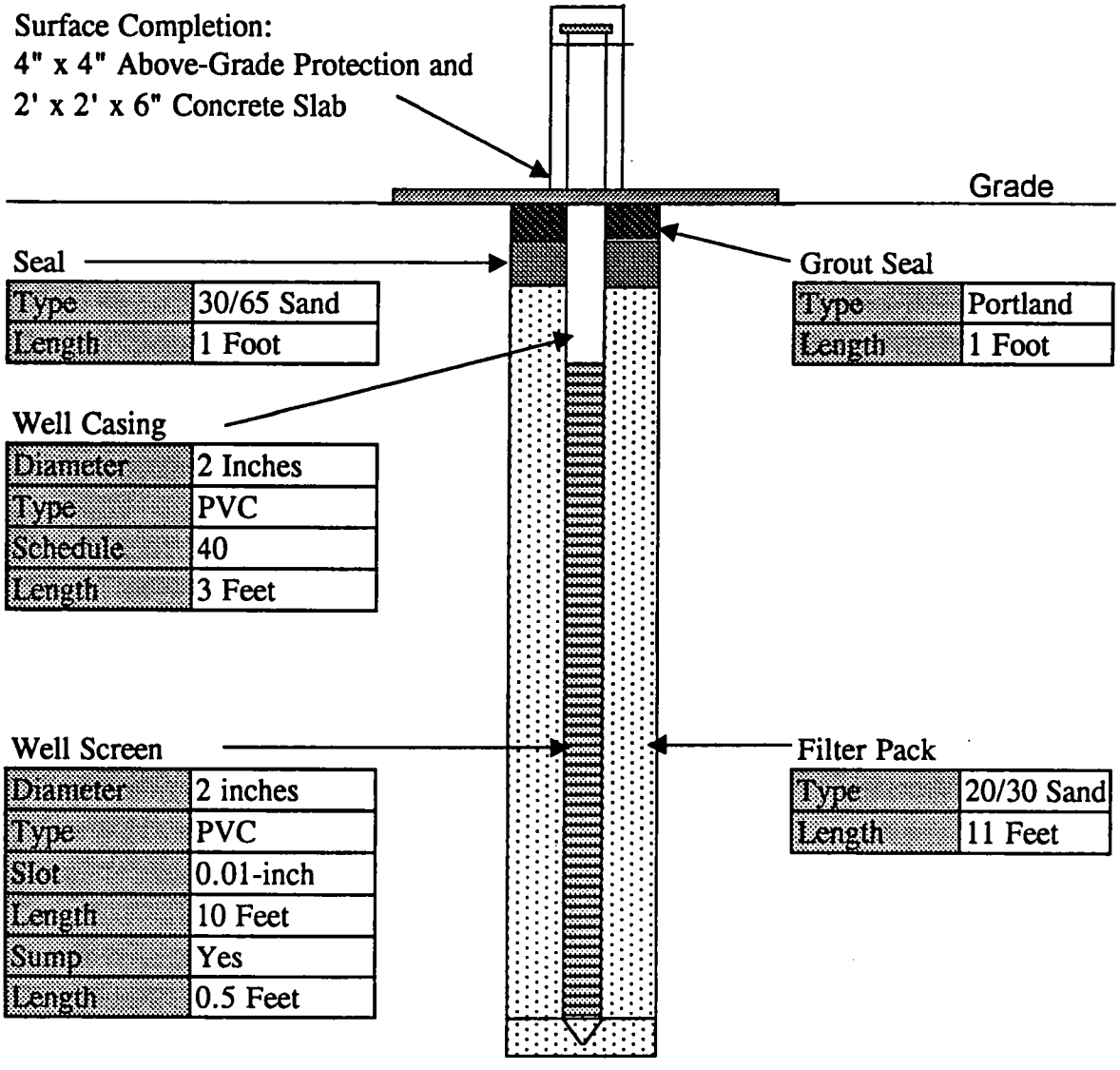
REPORT PREPARED BY: P. Greg Mudd, P.G.; PBS&J, (407) 647-7275.
(name, company, phone number)

NOTE: PLEASE ATTACH BORING LOG.

(bls)= Below Land Surface

PIEZOMETER CONSTRUCTION DIAGRAM

Site:	Hardee County Landfill
Identifier:	Piezometer P-15
Drilling Method:	Hollow-Stem Auger
Borehole Diameter:	8 Inches
Total Depth:	13.5 feet below land surface
Aquifer Monitored:	Surficial
Top-of-Casing Elevation:	89.21 feet above NGVD
Ground Elevation:	86.10 feet above NGVD
Horizontal Location:	Latitude: 27° 34' 14" Longitude: 81° 47' 01"



PBS&J

Note: Not to scale.

SOIL BORING LOG

CLIENT: Hardee County Solid Waste Department Sheet 1 of 1

LOCATION: Hardee County Landfill, Wauchula, Florida

JOB NO.: 07-862.60 BORING NO.: Piezometer P-15

GROUNDWATER: 9 feet bls.

While Drilling	N/A	Before Casing Removal	N/A	Start	N/A	S.S.Diam	NA
Depth to Cave-in	N/A	After Casing Removal	N/A	Unit	N/A	Unit	N/A

Sample No	Moisture	Blow Count		Recovery	VISUAL FIELD CLASSIFICATION AND REMARKS	Refusal	Drilling Fluid: Fluid Type	Drilling Fluid: Fluid Loss	Drilling Method
1	X	X	X	X	Gray and light brown silty, fine-grained sand. (SP/SM) (hand-auger to four feet bls)	X	X	X	HS Auger
2	X	X	X	X		X	X	X	
3	X	X	X	X		X	X	X	
4	X	X	X	X		X	X	X	
5	X	X	X	X		X	X	X	
6	X	X	X	X	(Water table @ 9 feet bls)	X	X	X	
7	X	X	X	X		X	X	X	
8	X	X	X	X		X	X	X	
9	X	X	X	X		X	X	X	
10	X	X	X	X	Light green silty, fine to coarse-grained sandy clay. Percentoge of clay increases with depth. (SM/CL)	X	X	X	
11	X	X	X	X		X	X	X	
12	X	X	X	X		X	X	X	
13	X	X	X	X	End of boring.	X	X	X	

PBS&J

DEP Form # 62-522.900(3)
Form Title MONITOR WELL COMPLETION REPORT
Effective Date
DEP Application No
(Filled in by DEP)

Florida Department of Environmental Protection
Twin Towers Office Bldg. 2600 Blair Stone Road Tallahassee, Florida 32399-2400

MONITOR WELL COMPLETION REPORT

DATE: 1/31/00

INSTALLATION NAME: Hardee County Landfill

DEP PERMIT NUMBER: 9025-0096551 GMS NUMBER: 4025620001

WELL NUMBER: P-16 (Piezometer) WELL NAME:

DESIGNATION: Background Intermediate Compliance

LATITUDE/LONGITUDE: 27° 34' 12"/ 81° 46' 57"

AQUIFER MONITORED: Surficial

INSTALLATION METHOD: Hollow-Stem Auger

INSTALLED BY: Groundwater Protection, Inc. under the direction of PBS&J.

TOTAL DEPTH: 13 feet (bls) DEPTH OF SCREEN: 13 feet (bls)

SCREEN LENGTH: 10 feet SCREEN SLOT SIZE: 0.01 inch SCREEN TYPE: PVC

CASING DIAMETER: 2 inches CASING TYPE: PVC

LENGTH OF CASING: 3 feet (bls) FILTER PACK MATERIAL: 20/30 sand

TOP OF CASING ELEVATION (Ft-NGVD): 88.71

GROUND SURFACE ELEVATION (Ft-NGVD): 85.90

COMPLETION DATE: 1/31/00

DESCRIBE WELL DEVELOPMENT: Used cetrifugal pump to develop well. Well purged in a cycle whereby purged approximately 1 gallon in 15 seconds, stopped, recharged for approximately 45 seconds before pumping another gallon. Net purge rate of approximately 1 gallon a minute. Pumped well for approximately 40 minutes for a total purge volume of 40 gallons. Water turbidity decreased significantly during purging. Water clear at the end of development.

POST DEVELOPMENT WATER LEVEL ELEVATION (Ft-NGVD): 78.19

DATE AND TIME MEASURED: 2/2/00 - 1500

REMARKS: (soils information, stratigraphy, etc.) : Upper 13 feet of subsurface comprised of ligt brown silty sand at a depth interval of 0-13 feet bls. Light green silty clay encountered at the depth interval of 12-13 feet bls. Water table situated at a depth of approixmately 9 feet bls.

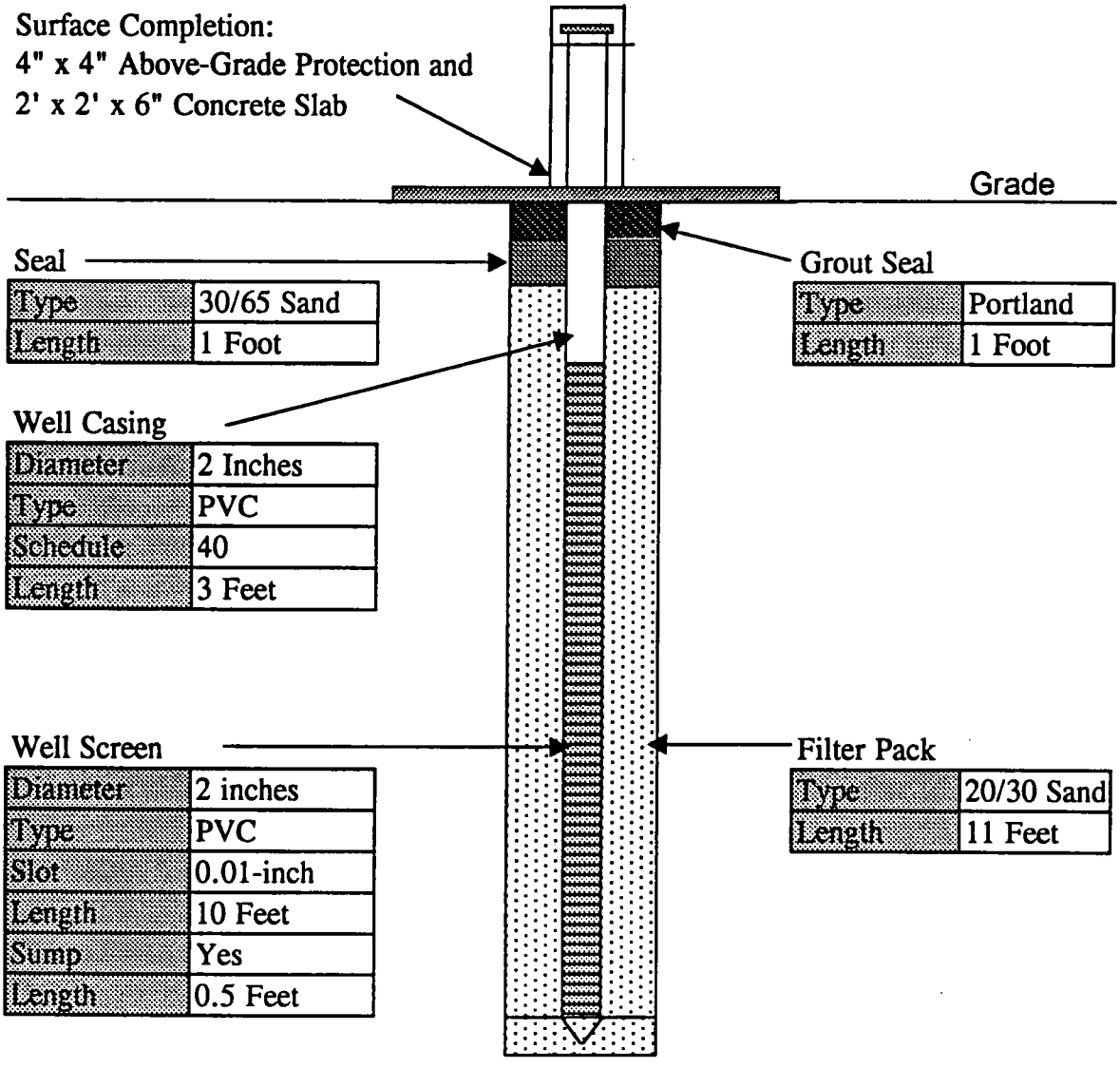
REPORT PREPARED BY: P. Greg Mudd, P.G.; PBS&J, (407) 647-7275.
(name, company, phone number)

NOTE: PLEASE ATTACH BORING LOG.

(bls)= Below Land Surface

PIEZOMETER CONSTRUCTION DIAGRAM

Site:	Hardee County Landfill
Identifier:	Piezometer P-16
Drilling Method:	Hollow-Stem Auger
Borehole Diameter:	8 Inches
Total Depth:	13.5 feet below land surface
Aquifer Monitored:	Surficial
Top-of-Casing Elevation:	88.83 feet above NGVD
Ground Elevation:	85.90 feet above NGVD
Horizontal Location:	Latitude: 27° 34' 14" Longitude: 81° 46' 57"



PBS&J

Note: Not to scale.

SOIL BORING LOG

CLIENT: Hardee County Solid Waste Department Sheet 1 of 1

LOCATION: Hardee County Landfill, Wauchula, Florida

JOB NO.: 07-862.60 BORING NO.: Piezometer P-16

GROUNDWATER: 9 feet bls.

While Drilling	N/A	Before Casing Removal	N/A	Start	N/A	S.S.Diam	NA
Depth to Cave-in	N/A	After Casing Removal	N/A	Unit	N/A	Unit	N/A

Sample No	Moisture	Blow Count		Recovery	VISUAL FIELD CLASSIFICATION AND REMARKS	Refusal	Drilling Fluid: Fluid Type	Drilling Fluid: Fluid Loss	Drilling Method
1	X	X	X	X	Gray and light brown silty, fine-grained sand. (SP/SM) (hand-auger to four feet bls)	X	X	X	HS Auger
2	X	X	X	X		X	X	X	
3	X	X	X	X		X	X	X	
4	X	X	X	X		X	X	X	
5	X	X	X	X		X	X	X	
6	X	X	X	X	(Water table @ 9 feet bls)	X	X	X	
7	X	X	X	X		X	X	X	
8	X	X	X	X		X	X	X	
9	X	X	X	X		X	X	X	
10	X	X	X	X		X	X	X	
11	X	X	X	X	Light green silty, fine to coarse-grained sandy clay. Percentoge of clay increases with depth. (SM/CL)	X	X	X	
12	X	X	X	X		X	X	X	
13	X	X	X	X	End of boring.	X	X	X	

15 20 25 30 35 40 45 50

PBS&J

GAS PROBES

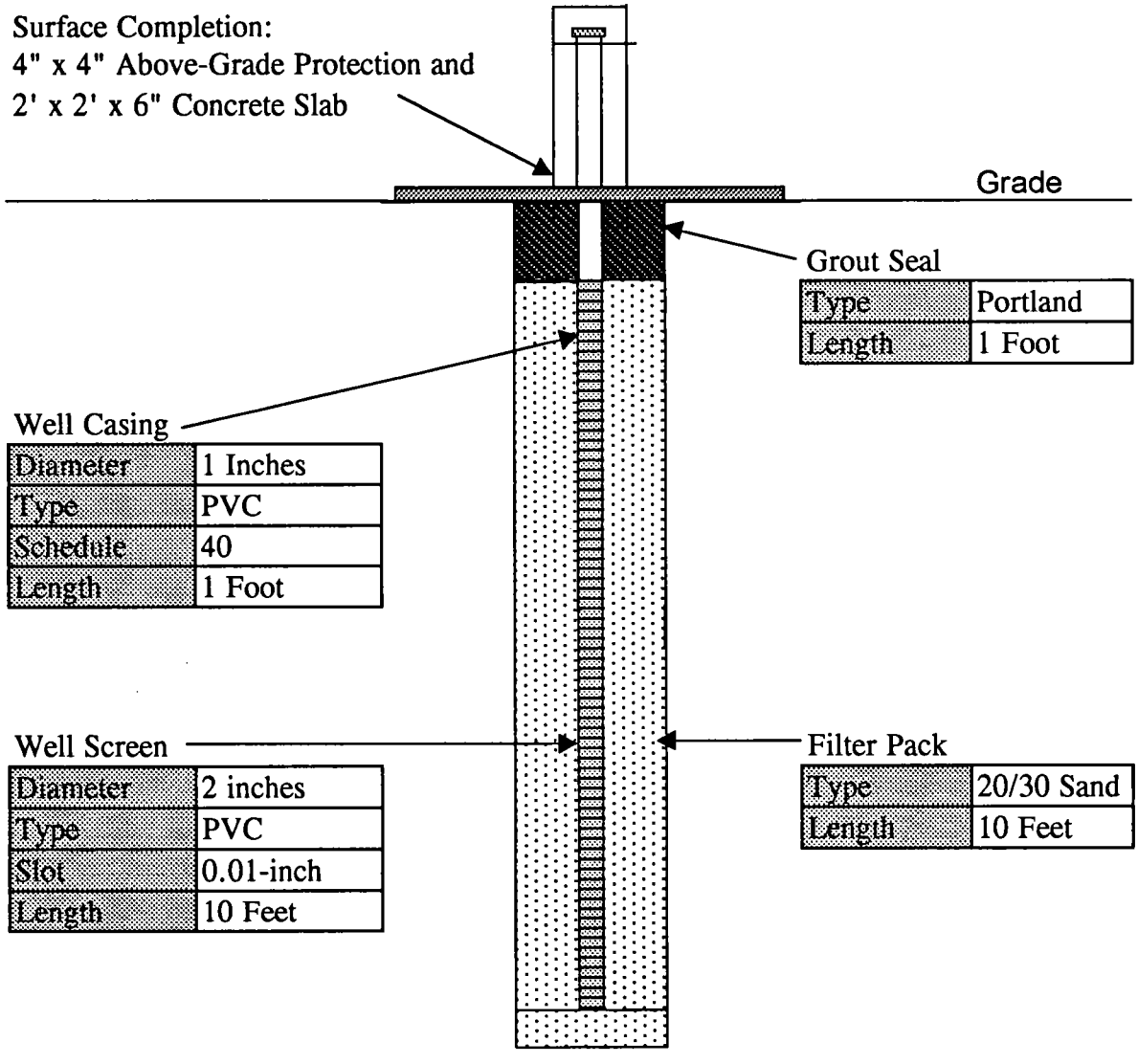
HARDEE COUNTY LANDFILL
GAS PROBES DATA
March 1, 2000

Gas Probe Identifier	Status	Horizontal Location	
		Northing	Easting
GP-1	Active	27° 34' 23.5"	81° 46' 54.9"
GP-2	Active	27° 34' 23.5"	81° 46' 58.5"
GP-3	Active	27° 34' 23.4"	81° 47' 01.8"
GP-4	Active	27° 34' 20.6"	81° 47' 01.7"
GP-5	Active	27° 34' 16.7"	81° 47' 01.7"
GP-6	Active	27° 34' 14.5"	81° 47' 01.7"
GP-7	Active	27° 34' 12.8"	81° 46' 58.8"
GP-8	Active	27° 34' 12.7"	81° 46' 55.4"
GP-9	Active	27° 34' 14.5"	81° 46' 51.7"
GP-10	Active	27° 34' 17.7"	81° 46' 53.1"
GP-11	Active	27° 34' 20.9"	81° 46' 54.9"

Abbreviations: Ft-NGVD = Feet above National Geodetic Vertical Datum.
Notes: All gas probes Installed in February, 2000.
(1) Location shown in Florida coordinates.

GAS PROBE CONSTRUCTION DIAGRAM

Site:	Hardee County Landfill
Identifier:	Gas Probe GP-1
Drilling Method:	Hollow-Stem Auger
Borehole Diameter:	8 Inches
Total Depth:	11.0 feet below land surface
Aquifer Monitored:	Surficial
Horizontal Location:	Latitude: 27° 34' 24" Longitude: 81° 46' 55"

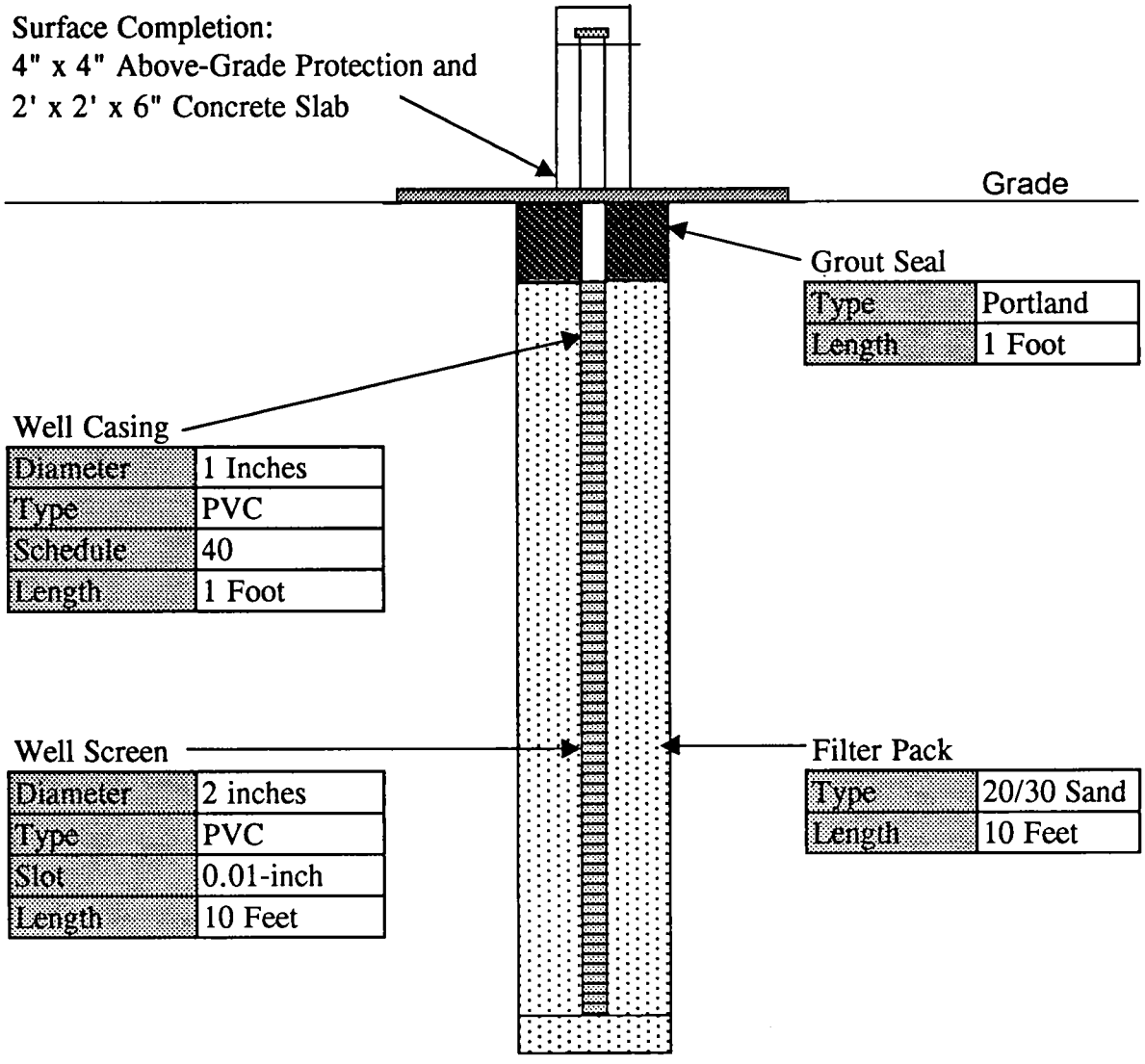


PBS&J

Note: Not to scale.

GAS PROBE CONSTRUCTION DIAGRAM

Site:	Hardee County Landfill
Identifier:	Gas Probe GP-2
Drilling Method:	Hollow-Stem Auger
Borehole Diameter:	8 Inches
Total Depth:	11.0 feet below land surface
Aquifer Monitored:	Surficial
Horizontal Location:	Latitude: 27° 34' 24" Longitude: 81° 46' 59"

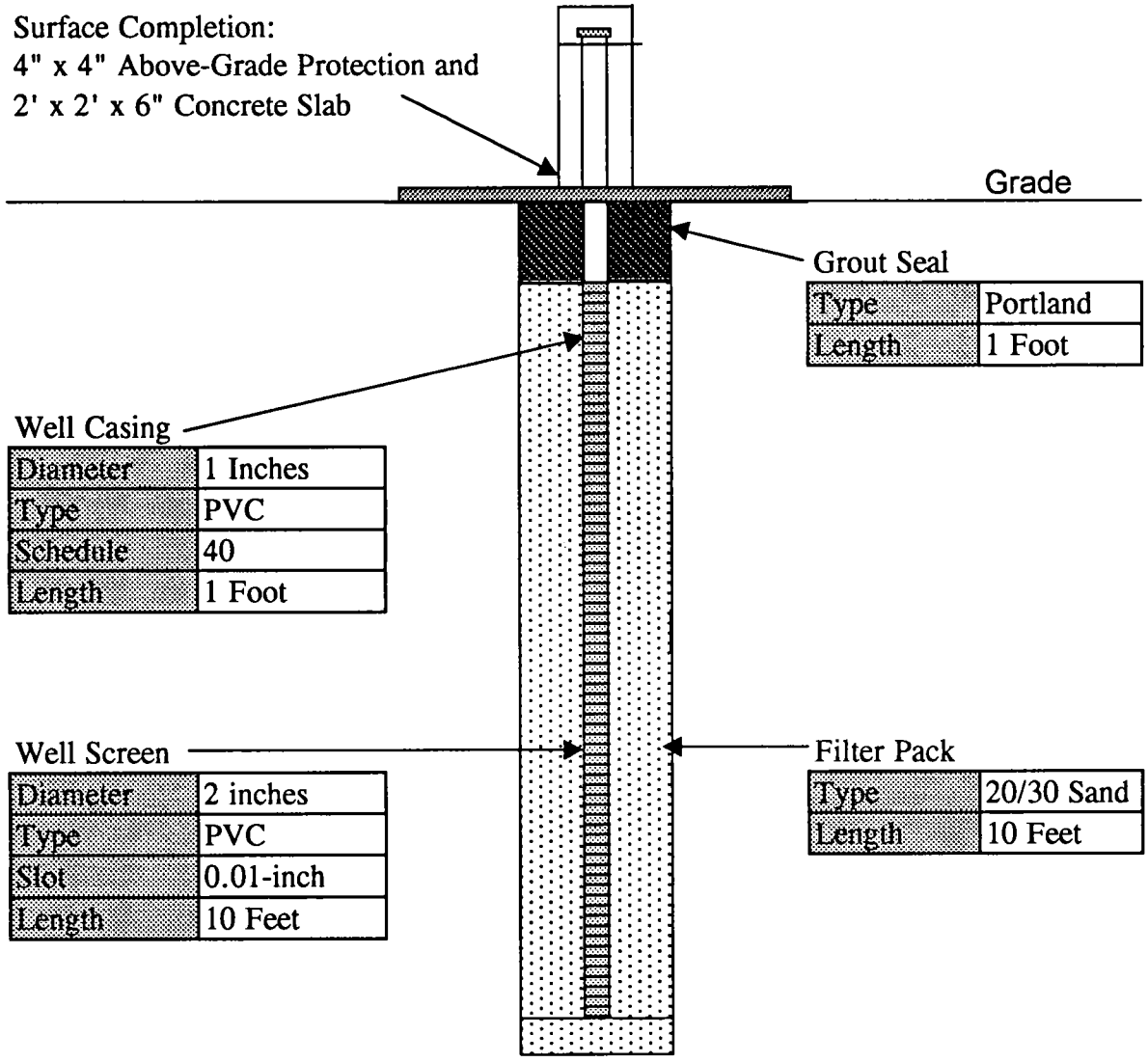


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Note: Not to scale.

GAS PROBE CONSTRUCTION DIAGRAM

Site:	Hardee County Landfill
Identifier:	Gas Probe GP-3
Drilling Method:	Hollow-Stem Auger
Borehole Diameter:	8 Inches
Total Depth:	11.0 feet below land surface
Aquifer Monitored:	Surficial
Horizontal Location:	Latitude: 27° 34' 23" Longitude: 81° 47' 02"

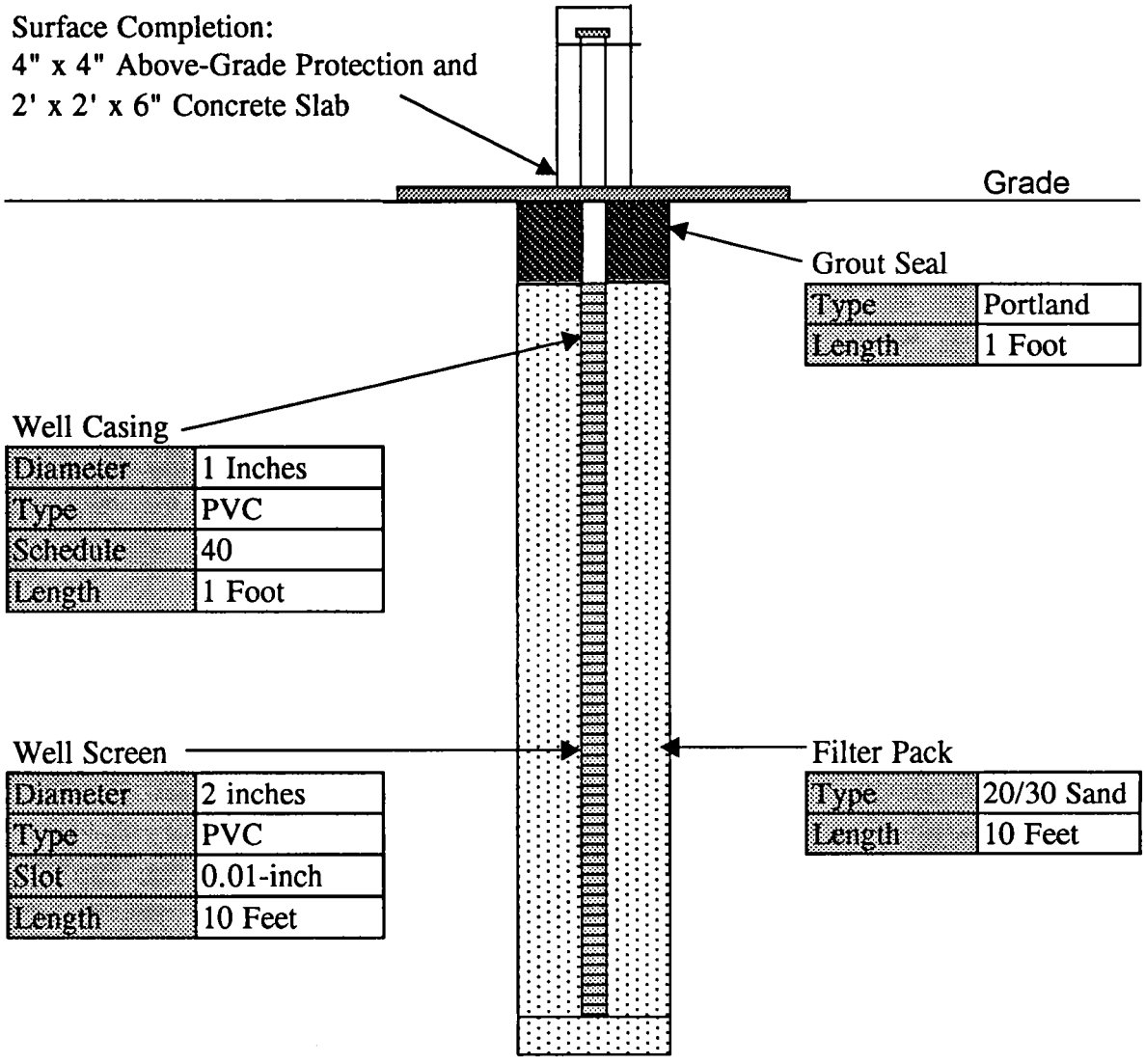


PBS&J

Note: Not to scale.

GAS PROBE CONSTRUCTION DIAGRAM

Site:	Hardee County Landfill
Identifier:	Gas Probe GP-4
Drilling Method:	Hollow-Stem Auger
Borehole Diameter:	8 Inches
Total Depth:	11.0 feet below land surface
Aquifer Monitored:	Surficial
Horizontal Location:	Latitude: 27° 34' 21" Longitude: 81° 47' 02"

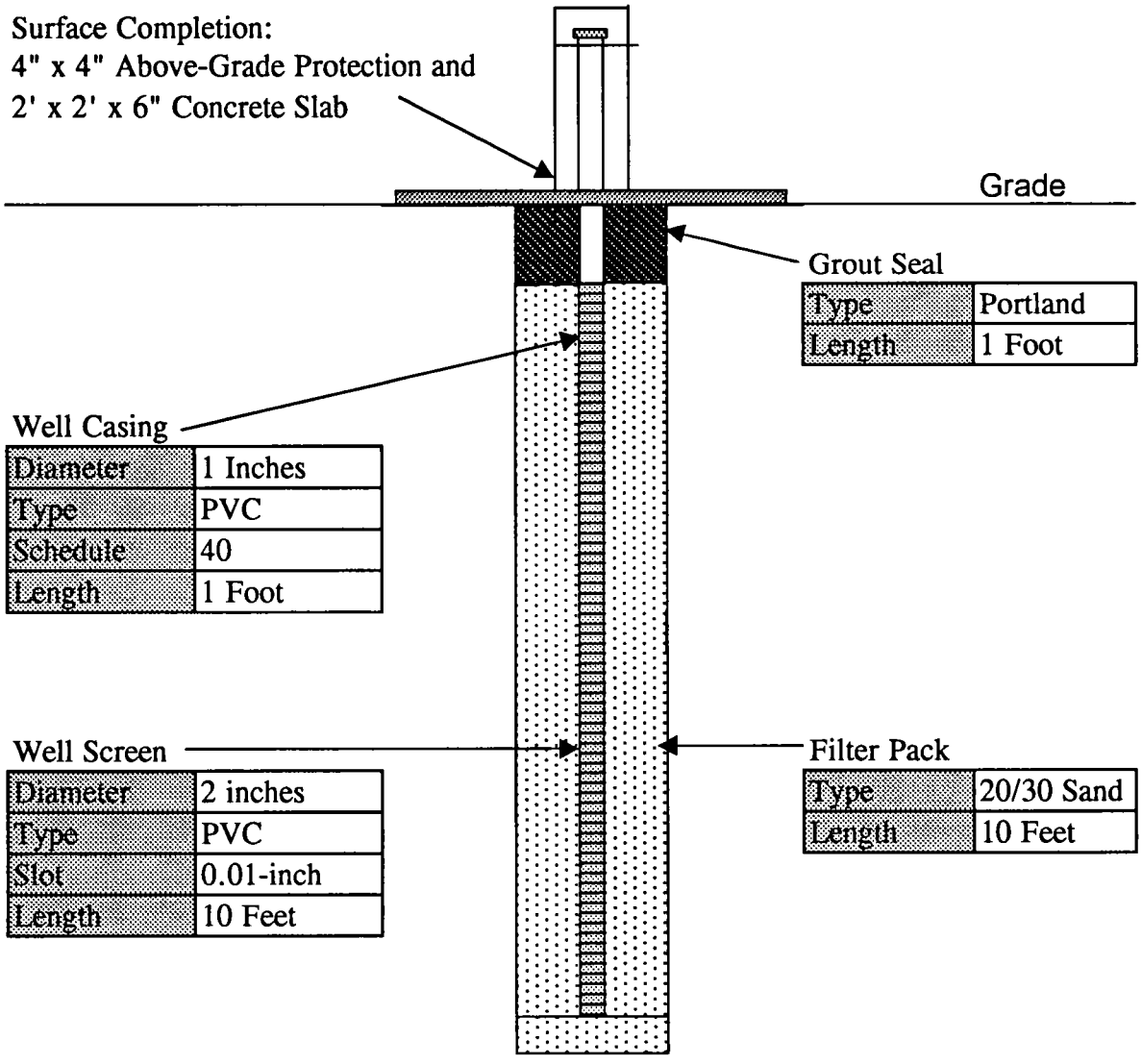


PBS&J

Note: Not to scale.

GAS PROBE CONSTRUCTION DIAGRAM

Site:	Hardee County Landfill
Identifier:	Gas Probe GP-5
Drilling Method:	Hollow-Stem Auger
Borehole Diameter:	8 Inches
Total Depth:	11.0 feet below land surface
Aquifer Monitored:	Surficial
Horizontal Location:	Latitude: 27° 34' 17" Longitude: 81° 47' 02"

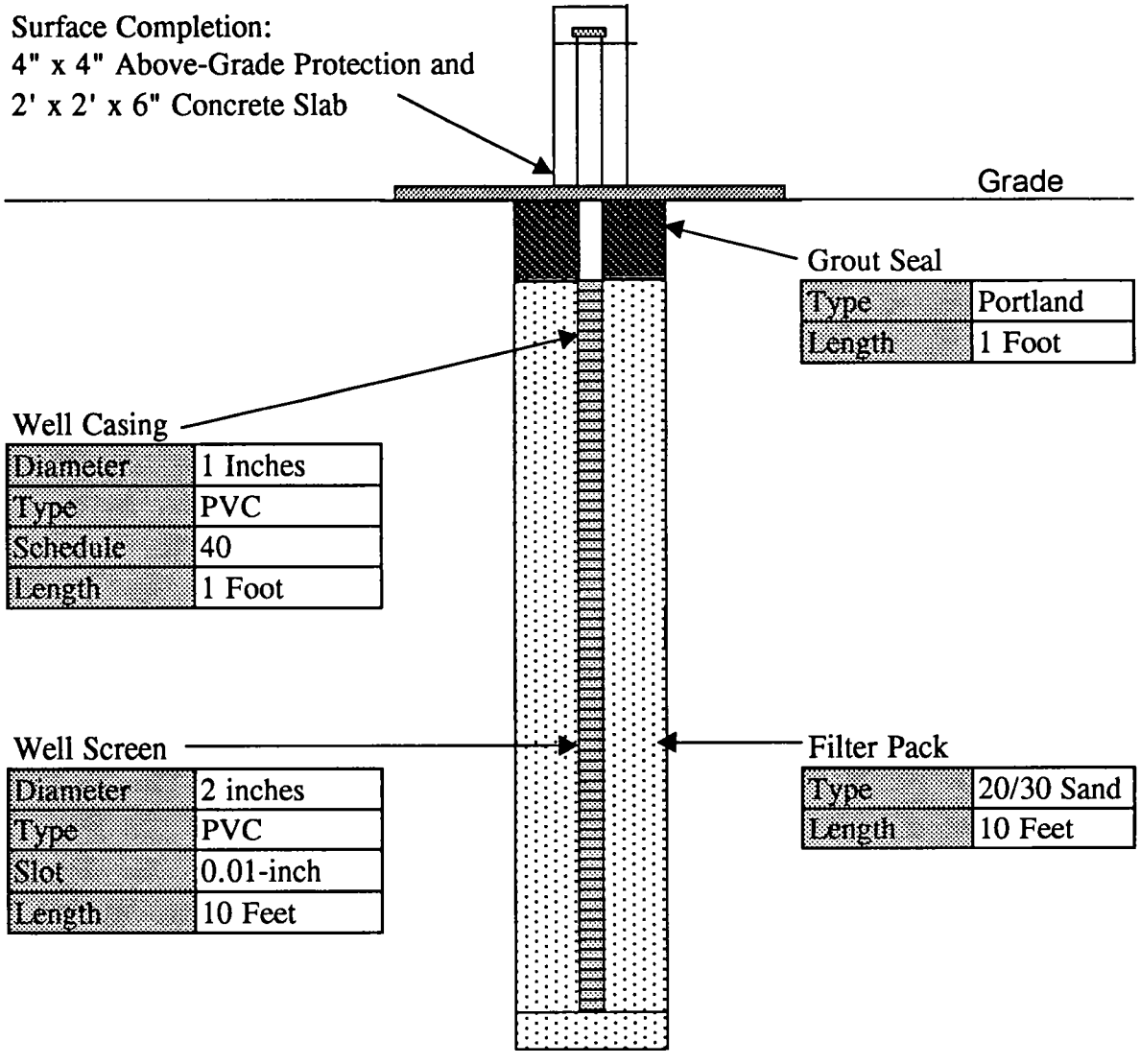


PBS&J

Note: Not to scale.

GAS PROBE CONSTRUCTION DIAGRAM

Site:	Hardee County Landfill
Identifier:	Gas Probe GP-6
Drilling Method:	Hollow-Stem Auger
Borehole Diameter:	8 Inches
Total Depth:	11.0 feet below land surface
Aquifer Monitored:	Surficial
Horizontal Location:	Latitude: 27° 34' 15" Longitude: 81° 47' 02"

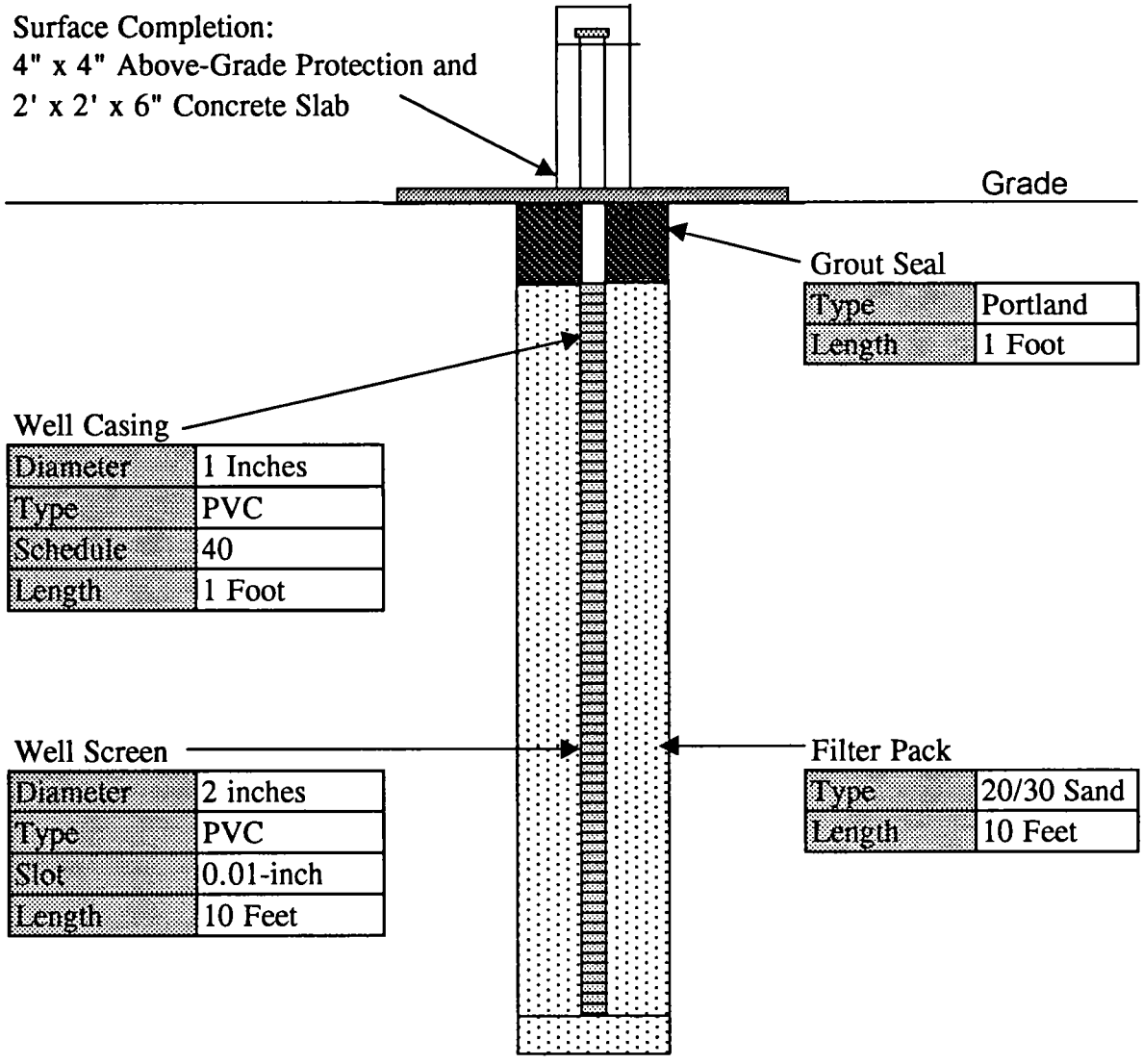


PBS&J

Note: Not to scale.

GAS PROBE CONSTRUCTION DIAGRAM

Site:	Hardee County Landfill
Identifier:	Gas Probe GP-7
Drilling Method:	Hollow-Stem Auger
Borehole Diameter:	8 Inches
Total Depth:	11.0 feet below land surface
Aquifer Monitored:	Surficial
Horizontal Location:	Latitude: 27° 34' 13" Longitude: 81° 46' 59"

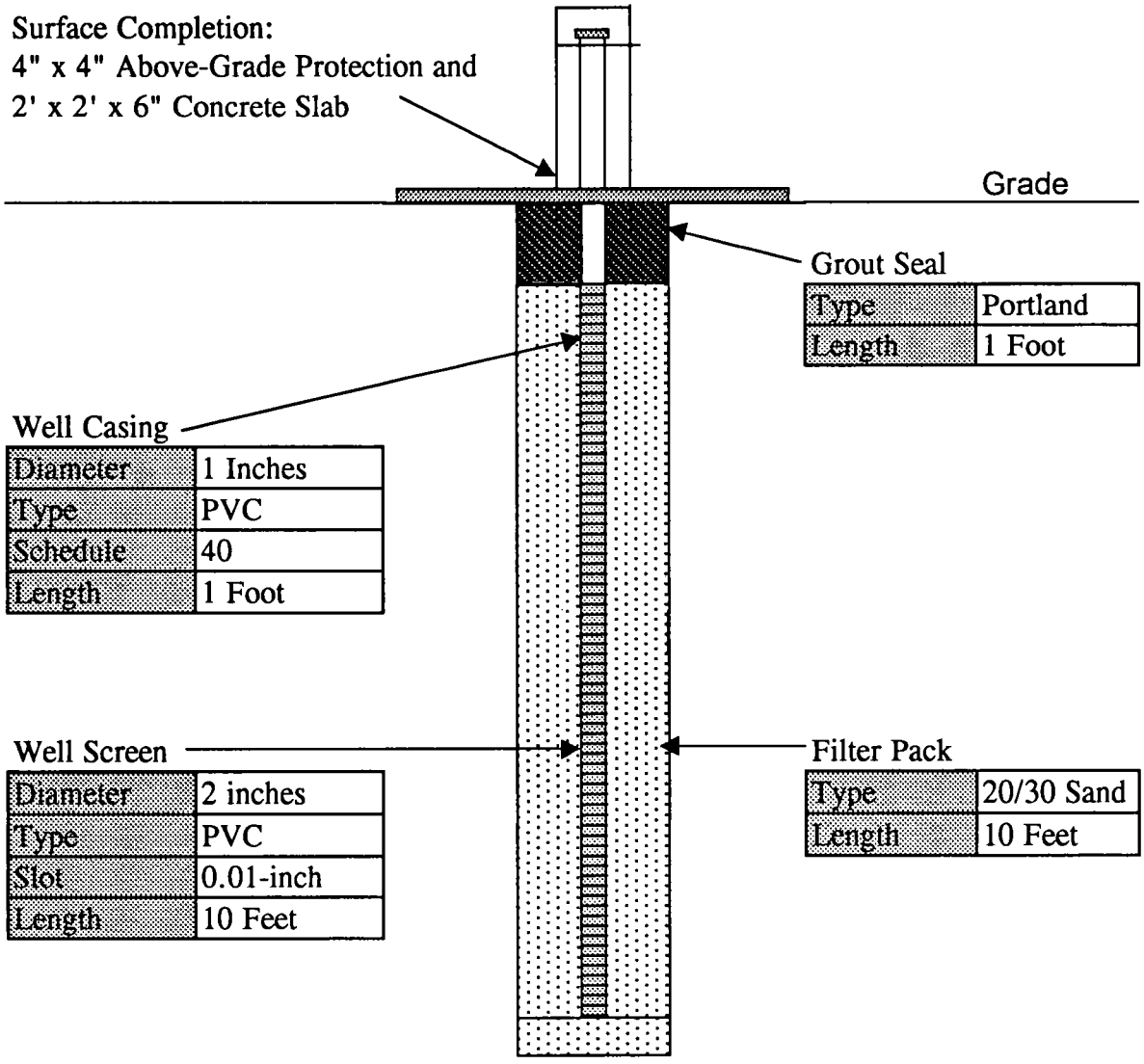


PBS&J

Note: Not to scale.

GAS PROBE CONSTRUCTION DIAGRAM

Site:	Hardee County Landfill
Identifier:	Gas Probe GP-8
Drilling Method:	Hollow-Stem Auger
Borehole Diameter:	8 Inches
Total Depth:	11.0 feet below land surface
Aquifer Monitored:	Surficial
Horizontal Location:	Latitude: 27° 34' 13" Longitude: 81° 46' 55"

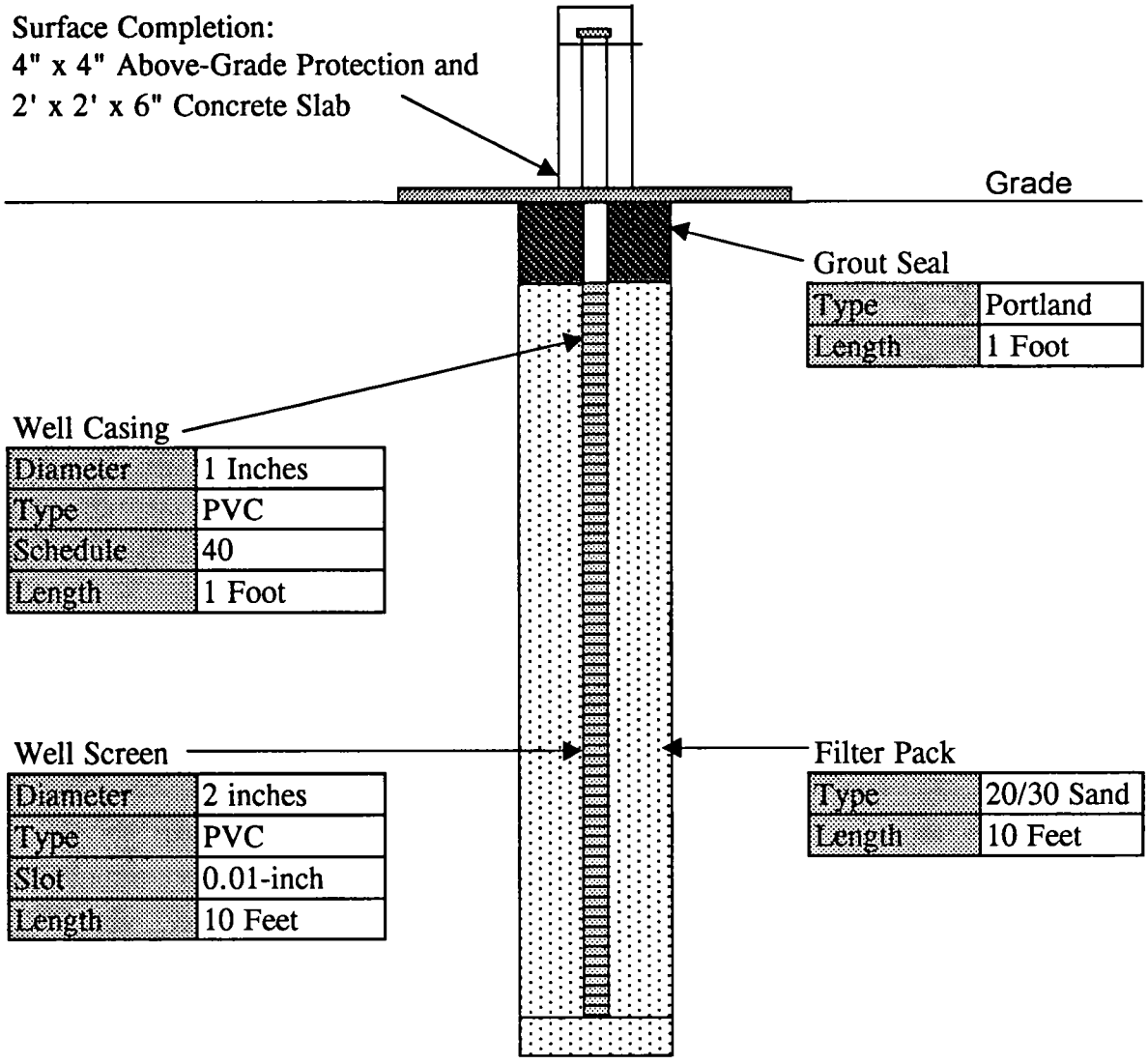


PBS&J

Note: Not to scale.

GAS PROBE CONSTRUCTION DIAGRAM

Site:	Hardee County Landfill
Identifier:	Gas Probe GP-9
Drilling Method:	Hollow-Stem Auger
Borehole Diameter:	8 Inches
Total Depth:	11.0 feet below land surface
Aquifer Monitored:	Surficial
Horizontal Location:	Latitude: 27° 34' 15" Longitude: 81° 46' 52"

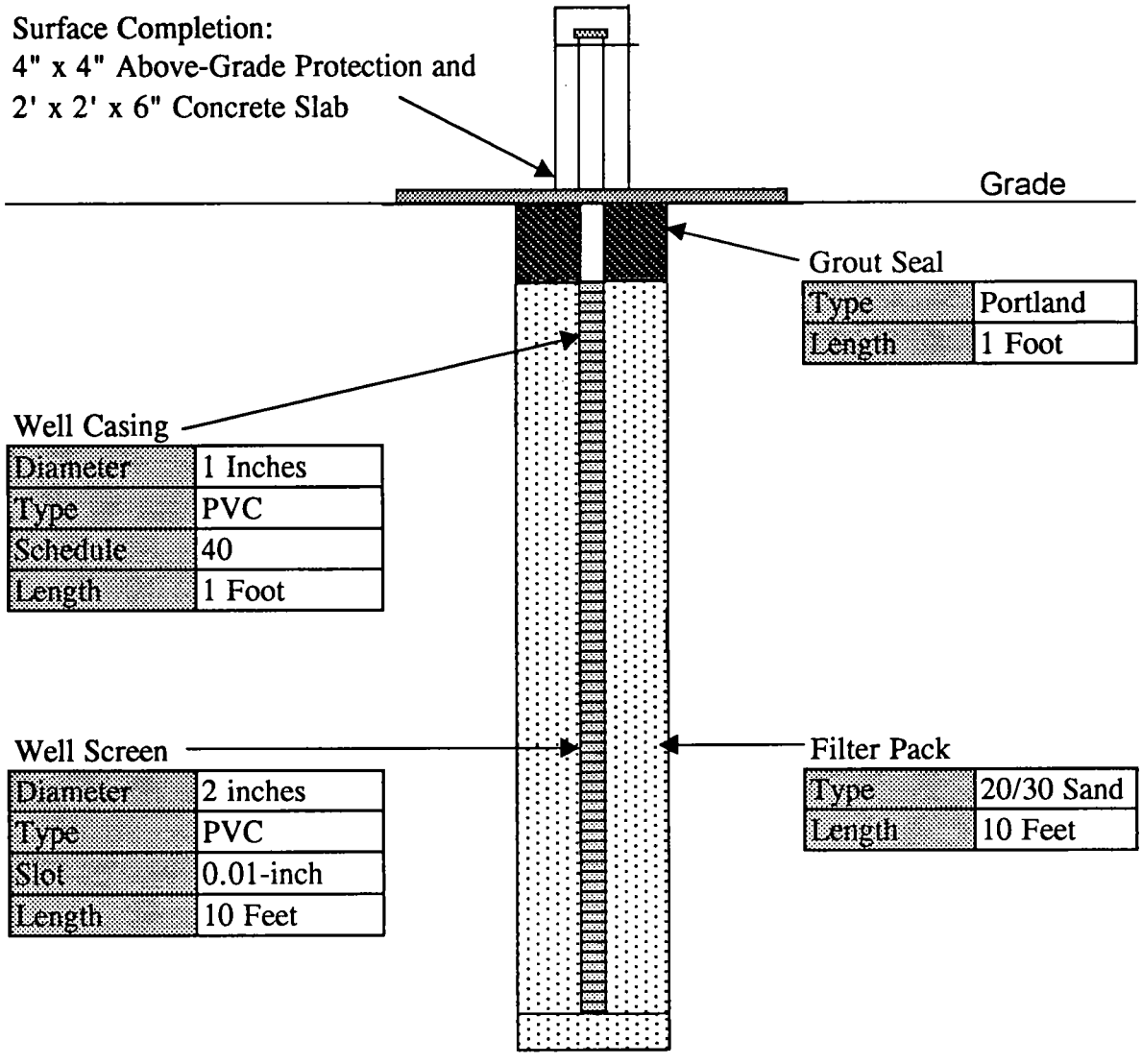


PBS&J

Note: Not to scale.

GAS PROBE CONSTRUCTION DIAGRAM

Site:	Hardee County Landfill
Identifier:	Gas Probe GP-10
Drilling Method:	Hollow-Stem Auger
Borehole Diameter:	8 Inches
Total Depth:	11.0 feet below land surface
Aquifer Monitored:	Surficial
Horizontal Location:	Latitude: 27° 34' 18" Longitude: 81° 46' 53"

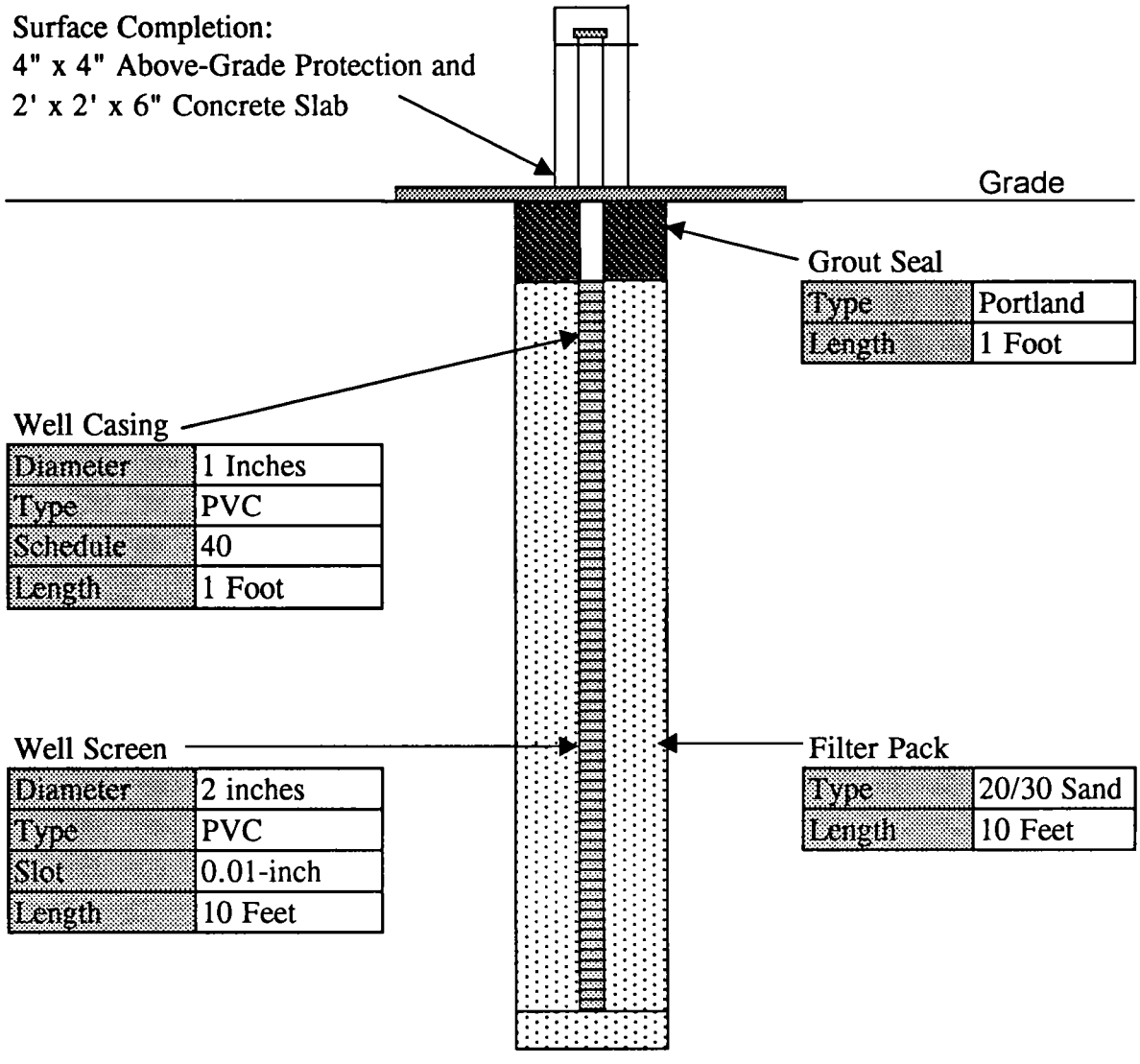


PBS&J

Note: Not to scale.

GAS PROBE CONSTRUCTION DIAGRAM

Site:	Hardee County Landfill
Identifier:	Gas Probe GP-11
Drilling Method:	Hollow-Stem Auger
Borehole Diameter:	8 Inches
Total Depth:	11.0 feet below land surface
Aquifer Monitored:	Surficial
Horizontal Location:	Latitude: 27° 34' 21" Longitude: 81° 46' 55"



PBS&J

Note: Not to scale.

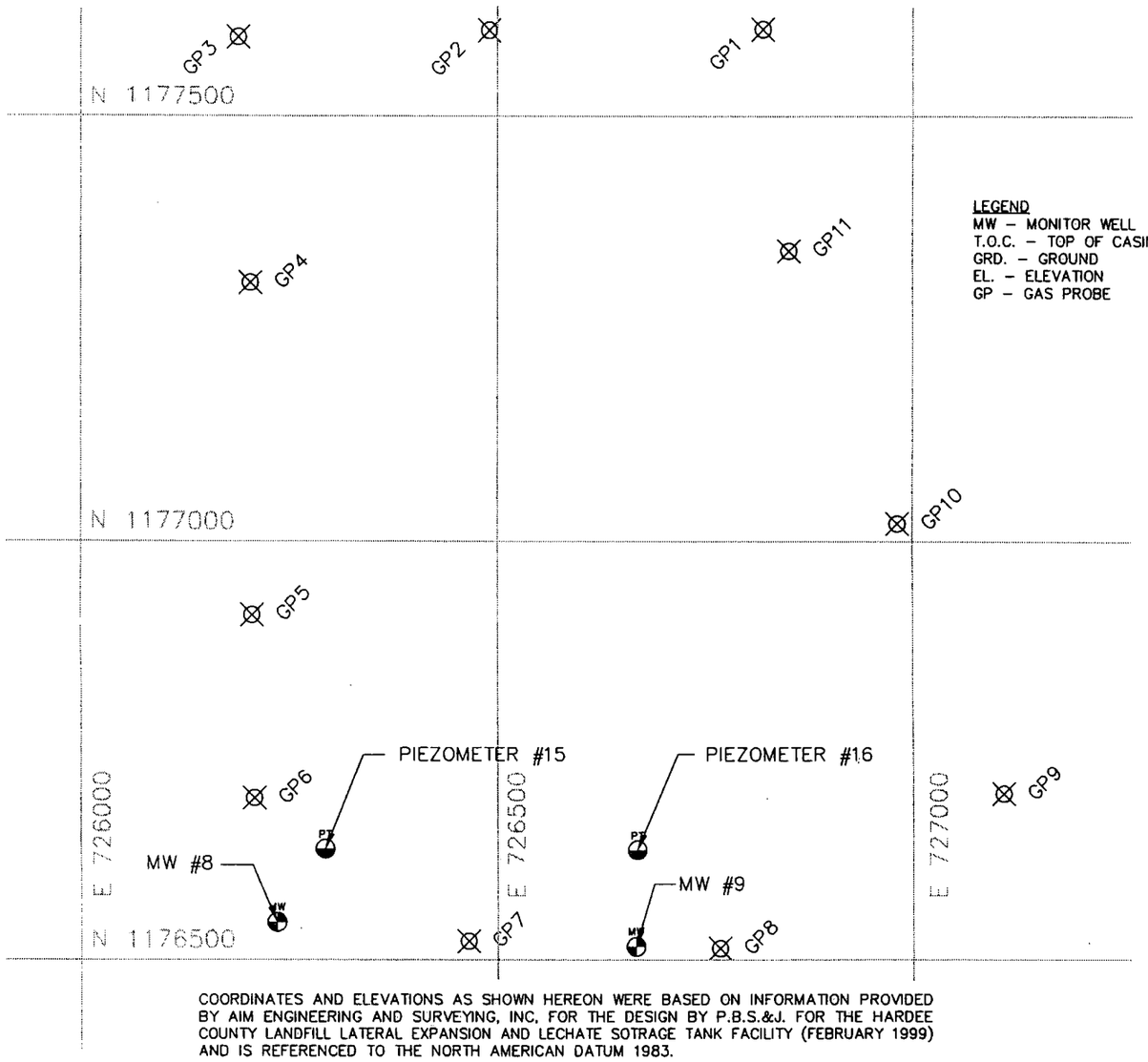
ATTACHMENT B

MONITORING WELL, PIEZOMETER, and GAS PROBE LOCATION PLAN

SEALED SURVEY of LOCATIONS and ELEVATIONS

SPECIFIC PURPOSE SURVEY
SHOWING
COORDINATES FOR GAS PROBE POINTS 1 THROUGH 11 AND COORDINATES AND ELEVATIONS FOR MONITOR WELLS 8 AND 9, AND PIEZOMETERS 15 AND 16 AT THE HARDEE COUNTY LANDFILL BEING IN SECTION 35, TOWNSHIP 33 SOUTH, RANGE 25 EAST, HARDEE COUNTY, FLORIDA

SCALE 1" = 200'



COORDINATES AND ELEVATIONS AS SHOWN HEREON WERE BASED ON INFORMATION PROVIDED BY AIM ENGINEERING AND SURVEYING, INC. FOR THE DESIGN BY P.B.S.&J. FOR THE HARDEE COUNTY LANDFILL LATERAL EXPANSION AND LECHATE SOTRAGE TANK FACILITY (FEBRUARY 1999) AND IS REFERENCED TO THE NORTH AMERICAN DATUM 1983.

DESCRIPTION	NORTHING	EASTING	ELEVATION	LATITUDE	LONGITUDE
GP1	1177603.17	726820.61		27ø34'23.51025"N	81ø46'54.84187"W
GP2	1177601.74	726490.11		27ø34'23.50188"N	81ø46'58.51466"W
GP3	1177593.80	726188.84		27ø34'23.42843"N	81ø47'01.86270"W
GP4	1177304.53	726203.40		27ø34'20.56369"N	81ø47'01.70651"W
GP5	1176913.87	726205.48		27ø34'16.69511"N	81ø47'01.69101"W
GP6	1176692.68	726207.95		27ø34'14.50468"N	81ø47'01.66786"W
GP7	1176521.80	726464.70		27ø34'12.80806"N	81ø46'58.81807"W
GP8	1176513.24	726768.49		27ø34'12.71797"N	81ø46'55.44235"W
GP9	1176697.91	727108.51		27ø34'14.54074"N	81ø46'51.66034"W
GP10	1177021.38	726981.94		27ø34'17.74617"N	81ø46'53.06047"W
GP11	1177342.18	726852.00		27ø34'20.92529"N	81ø46'54.49817"W
P15	1176631.73	726292.37	89.21	27ø34'13.89964"N	81ø47'00.73095"W
			86.1	(GROUND EL.)	
P16	1176630.46	726668.61	88.83	27ø34'13.88054"N	81ø46'56.54995"W
			85.9	(GROUND EL.)	
MW8	1176544.21	726234.65	88.98	27ø34'13.03395"N	81ø47'01.37401"W
			85.8	(GROUND EL.)	
MW9	1176515.16	726666.88	88.71	27ø34'12.73880"N	81ø46'56.57142"W
			85.9	(GROUND EL.)	

CERTIFICATION:

I hereby certify that this drawing correctly reflects the results of a recent survey made under my direction and this survey was made in accordance with minimum technical standards adopted by the State of Florida Department of Business and Professional Regulation, Board of Professional Surveyors and Mappers, Chapter 61G17–6 of the Florida Administrative Code, pursuant to Section 472.027, Florida Statutes.

DATE OF SURVEY:

February 18, 2000

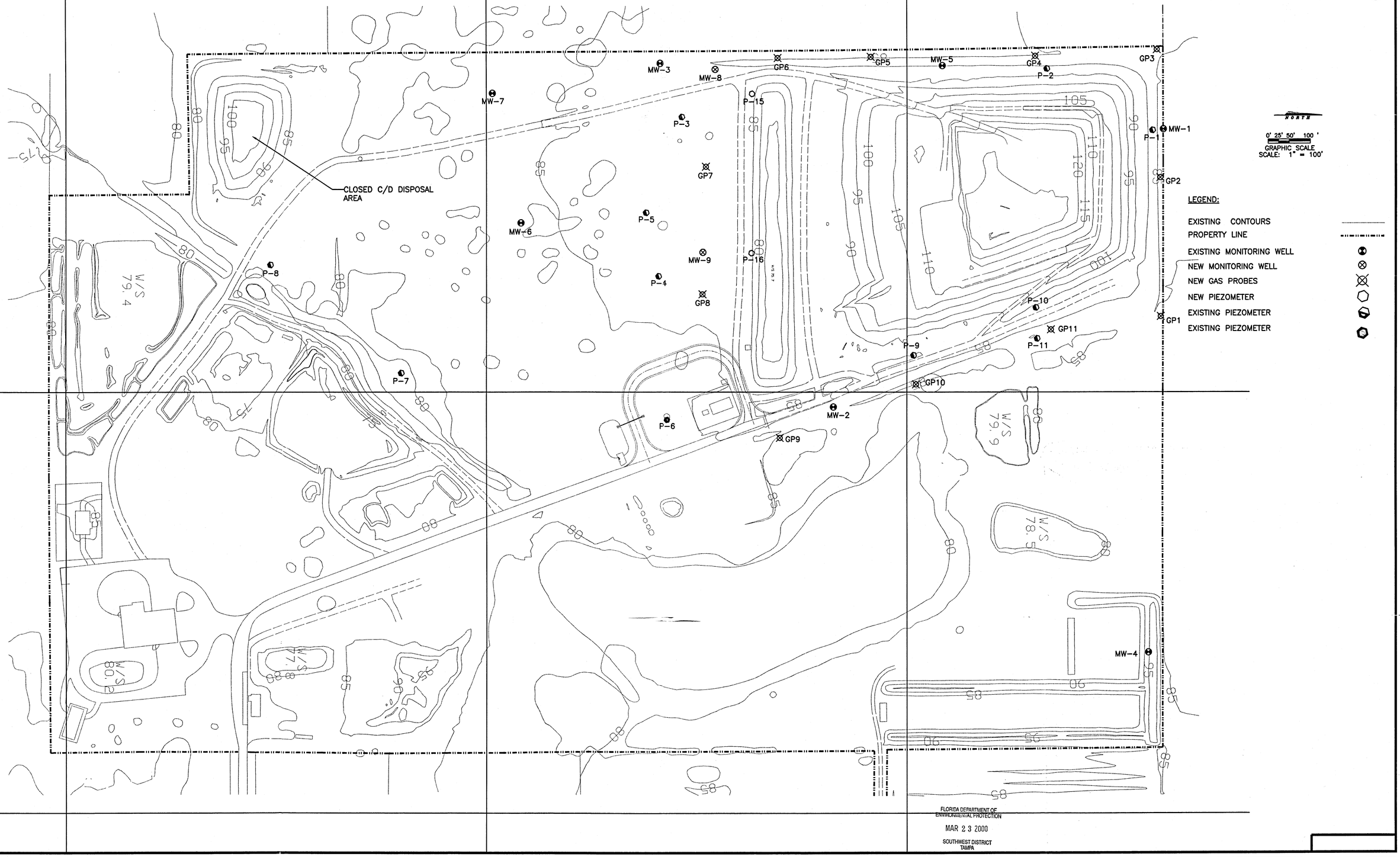
Robert F. Du Bois P.L.S.
Florida Registration #5293
CHASTAIN–SKILLMAN, INC.
Certificate Number LB 262
4705 Old Highway 37
Lakeland, Florida 33813
(863) 646–1402

ROBERT F. DU BOIS CERTIFICATE NO. 5293 STATE OF FLORIDA REGISTERED LAND

Not valid without the signature and the original raised seal of a Florida licensed surveyor and mapper.

DRAWN BY: L. Seibert	FIELD BOOK – PAGE –	PREPARED BY: CHASTAIN SKILLMAN, INC.	ASL 7398.01

143212 (1)



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
MAR 23 2000
SOUTHWEST DISTRICT TAMPA

H:\ENVCADD\WASTEMAN\HARDEE\CONSTRUCTION\MW_GP.DWG
RGC 03/13/00 11:06:41
AutoCAD - Release 13

PBSJ
1560 ORANGE AVENUE
SUITE 700
WINTER PARK, FL. 32789
TEL. (407) 647-7275
FAX. (407) 647-0624
www.pbsj.com

CLIENT	PROJECT	TASK
HARDEE COUNTY BOARD OF COUNTY COMMISSIONERS	HARDEE COUNTY LANDFILL LATERAL EXPANSION AND LEACHATE STORAGE TANK FACILITY	MONITORING WELL, PIEZOMETER, AND GAS PROBE LOCATIONS

ORIGINAL FEB. 1999
REVISIONS:
1 _____ 2 _____ 3 _____ 4 _____ 5 _____
6 _____ 7 _____ 8 _____ 9 _____ 10 _____ 11 _____ 12 _____

JOB NO. 07-862.35
DRAWN _____
DESIGN _____
CHECKED _____
Q.C. _____

ATTACHMENT C

GROUNDWATER ANALYTICAL LABORATORY REPORT

FDEP Form 62-522.900(2)

Well Diameter(ft): 2
Total Depth: 14.9
Evacuation (gal): ~4
Sample Appearance: clear, no odor, no sheen

Elevation (NGVD): 88.98
Water Level (ft) : 10.32
Ground Water Elevation (NGVD) : 78.66

Facility GMS #: 4025630001
Test Site ID #: NA
Well Name: MW-8
Classification of Ground Water: GII
Ground Water Elevation (NGVD) : 78.66

Sample Number: 0002-310-03
Sample Date/Time: 02/08/2000 12:00:00 P
Report Period : 00/Q1
Well Purged(Y/N): Y
Well Type: Other

Storet Code	Parameter	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Results/Units			Detection Limits/Units	
00094	conductivity	Grab	N	Field	146		umhos/cm		umhos/cm
00300	dissolved oxygen	Grab	N	Field	1.42		mg/l		mg/l
00406	pH	Grab	N	Field	5.52		units		units
00096	salinity	Grab	N	Field	1	<			
00010	temperature	Grab	N	Field	20.5		Deg. C		Deg. C
82078	turbidity	Grab	N	Field	33		NTU		NTU
00745	sulfide	Grab	N	EPA 9030A	0.04	U	mg/l	0.04	mg/l
77562	1,1,1,2-tetrachloroethane	Grab	N	EPA 8260	1	U	ug/l	1	ug/l
34506	1,1,1-trichloroethane	Grab	N	EPA 8260	1	U	ug/l	1	ug/l
34516	1,1,2,2-tetrachloroethane	Grab	N	EPA 8260	0.2	U	ug/l	0.2	ug/l
34511	1,1,2-trichloroethane	Grab	N	EPA 8260	1	U	ug/l	1	ug/l
34496	1,1-dichloroethane	Grab	N	EPA 8260	1	U	ug/l	1	ug/l
34501	1,1-dichloroethene	Grab	N	EPA 8260	1	U	ug/l	1	ug/l
77443	1,2,3-trichloropropane	Grab	N	EPA 8260	1	U	ug/l	1	ug/l
34551	1,2,4-trichlorobenzene	Grab	N	EPA 8260	1	U	ug/l	1	ug/l
38437	1,2-dibromo-3-chloropropane	Grab	N	EPA 8260	2	U	ug/l	2	ug/l
77651	1,2-dibromoethane	Grab	N	EPA 8260	1	U	ug/l	1	ug/l
34536	1,2-dichlorobenzene	Grab	N	EPA 8260	1	U	ug/l	1	ug/l
34531	1,2-dichloroethane	Grab	N	EPA 8260	1	U	ug/l	1	ug/l
34541	1,2-dichloropropane	Grab	N	EPA 8260	1	U	ug/l	1	ug/l
34566	1,3-dichlorobenzene	Grab	N	EPA 8260	1	U	ug/l	1	ug/l
77173	1,3-dichloropropane	Grab	N	EPA 8260	1	U	ug/l	1	ug/l
34571	1,4-dichlorobenzene	Grab	N	EPA 8260	1	U	ug/l	1	ug/l
81582	1,4-dioxane	Grab	N	EPA 8260	100	U	ug/l	100	ug/l
77170	2,2-dichloropropane	Grab	N	EPA 8260	1	U	ug/l	1	ug/l
81595	2-butanone	Grab	N	EPA 8260	5	U	ug/l	5	ug/l
77103	2-hexanone	Grab	N	EPA 8260	5	U	ug/l	5	ug/l
78133	4-methyl-2-pentanone	Grab	N	EPA 8260	5	U	ug/l	5	ug/l
81552	acetone	Grab	N	EPA 8260	5	U	ug/l	5	ug/l
34215	acetonitrile	Grab	N	EPA 8260	1	U	ug/l	1	ug/l
34210	acrolein	Grab	N	EPA 8260	20	U	ug/l	20	ug/l
34215	acrylonitrile	Grab	N	EPA 8260	4	U	ug/l	4	ug/l
82587	allyl chloride	Grab	N	EPA 8260	5	U	ug/l	5	ug/l
78124	benzene	Grab	N	EPA 8260	1	U	ug/l	1	ug/l

* Detection Limit depends on amount of sample digested/extracted

Well Name MW-8 Sample Number: 0002-310-03

Storet Code	Parameter	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Results/Units			Detection Limits/Units	
73085	bromochloromethane	Grab	N	EPA 8260	1	U	ug/l	1	ug/l
32101	bromodichloromethane	Grab	N	EPA 8260	0.6	U	ug/l	0.6	ug/l
32104	bromoform	Grab	N	EPA 8260	1	U	ug/l	1	ug/l
34413	bromomethane	Grab	N	EPA 8260	1	U	ug/l	1	ug/l
77041	carbon disulfide	Grab	N	EPA 8260	1	U	ug/l	1	ug/l
32102	carbon tetrachloride	Grab	N	EPA 8260	1	U	ug/l	1	ug/l
34301	chlorobenzene	Grab	N	EPA 8260	1	U	ug/l	1	ug/l
34311	chloroethane	Grab	N	EPA 8260	1	U	ug/l	1	ug/l
32106	chloroform	Grab	N	EPA 8260	1	U	ug/l	1	ug/l
34418	chloromethane	Grab	N	EPA 8260	1	U	ug/l	1	ug/l
81520	chloroprene	Grab	N	EPA 8260	4	U	ug/l	4	ug/l
77093	cis-1,2-dichloroethene	Grab	N	EPA 8260	1	U	ug/l	1	ug/l
34704	cis-1,3-dichloropropene	Grab	N	EPA 8260	1	U	ug/l	1	ug/l
32105	dibromochloromethane	Grab	N	EPA 8260	1	U	ug/l	1	ug/l
30217	dibromomethane	Grab	N	EPA 8260	1	U	ug/l	1	ug/l
34668	Dichlorodifluoromethane	Grab	N	EPA 8260	1	U	ug/l	1	ug/l
73570	ethyl methacrylate	Grab	N	EPA 8260	4	U	ug/l	4	ug/l
34371	ethylbenzene	Grab	N	EPA 8260	1	U	ug/l	1	ug/l
34391	hexachlorobutadiene	Grab	N	EPA 8260	1	U	ug/l	1	ug/l
77424	iodomethane	Grab	N	EPA 8260	1	U	ug/l	1	ug/l
77033	isobutyl alcohol	Grab	N	EPA 8260	40	U	ug/l	40	ug/l
85795	m,p-xylene	Grab	N	EPA 8260	1	U	ug/l	1	ug/l
87593	methacrylonitrile	Grab	N	EPA 8260	4	U	ug/l	4	ug/l
34413	methyl bromide	Grab	N	EPA 8260	1	U	ug/l	1	ug/l
34418	methyl chloride	Grab	N	EPA 8260	1	U	ug/l	1	ug/l
81595	methyl ethyl ketone	Grab	N	EPA 8260	5	U	ug/l	5	ug/l
77424	methyl iodide	Grab	N	EPA 8260	1	U	ug/l	1	ug/l
81597	methyl methacrylate	Grab	N	EPA 8260	4	U	ug/l	4	ug/l
34423	methylene chloride	Grab	N	EPA 8260	1	U	ug/l	1	ug/l
34696	naphthalene	Grab	N	EPA 8260	1	U	ug/l	1	ug/l
77135	o-xylene	Grab	N	EPA 8260	1	U	ug/l	1	ug/l
77007	propionitrile	Grab	N	EPA 8260	5	U	ug/l	5	ug/l
77128	styrene	Grab	N	EPA 8260	1	U	ug/l	1	ug/l
34475	tetrachloroethene	Grab	N	EPA 8260	1	U	ug/l	1	ug/l
38131	toluene	Grab	N	EPA 8260	1	U	ug/l	1	ug/l
34546	trans-1,2-dichloroethene	Grab	N	EPA 8260	1	U	ug/l	1	ug/l
34699	trans-1,3-dichloropropene	Grab	N	EPA 8260	1	U	ug/l	1	ug/l
73547	trans-1,4-dichloro-2-butene	Grab	N	EPA 8260	4	U	ug/l	4	ug/l
39180	trichloroethene	Grab	N	EPA 8260	1	U	ug/l	1	ug/l
34488	trichlorofluoromethane	Grab	N	EPA 8260	1	U	ug/l	1	ug/l
77057	vinyl acetate	Grab	N	EPA 8260	5	U	ug/l	5	ug/l
39175	vinyl chloride	Grab	N	EPA 8260	1	U	ug/l	1	ug/l
81551	xylenes	Grab	N	EPA 8260	1	U	ug/l	1	ug/l
39760	2,4,5-TP	Grab	N	EPA 8151	1	U	ug/l	1	ug/l

* Detection Limit depends on amount of sample digested/extracted

Well Name MW-8 Sample Number: 0002-310-03

Storet Code	Parameter	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Results/Units			Detection Limits/Units	
39730	2,4-D	Grab	N	EPA 8151	1	U	ug/l	1	ug/l
30103	aroclor 1016	Grab	N	EPA 8082	0.5	U	ug/l	0.5	ug/l
30104	aroclor 1221	Grab	N	EPA 8082	0.5	U	ug/l	0.5	ug/l
30106	aroclor 1242	Grab	N	EPA 8082	0.5	U	ug/l	0.5	ug/l
30107	aroclor 1248	Grab	N	EPA 8082	0.5	U	ug/l	0.5	ug/l
30108	aroclor 1254	Grab	N	EPA 8082	0.5	U	ug/l	0.5	ug/l
30109	aroclor 1260	Grab	N	EPA 8082	0.5	U	ug/l	0.5	ug/l
01097	antimony	Grab	N	EPA 6010	5	U	ug/l	5	ug/l
01002	arsenic	Grab	N	EPA 6010	5	U	ug/l	5	ug/l
01007	barium	Grab	N	EPA 6010	6		ug/l	1	ug/l
01012	beryllium	Grab	N	EPA 6010	1	U	ug/l	1	ug/l
01027	cadmium	Grab	N	EPA 6010	1	U	ug/l	1	ug/l
01034	chromium	Grab	N	EPA 6010	3	I	ug/l	1	ug/l
01037	cobalt	Grab	N	EPA 6010	5	U	ug/l	5	ug/l
01042	copper	Grab	N	EPA 6010	5	U	ug/l	5	ug/l
01045	iron	Grab	N	EPA 6010	2340		ug/l	40	ug/l
01051	lead	Grab	N	EPA 6010	4	U	ug/l	4	ug/l
01067	nickel	Grab	N	EPA 6010	5	U	ug/l	5	ug/l
01147	selenium	Grab	N	EPA 6010	5	U	ug/l	5	ug/l
01077	silver	Grab	N	EPA 6010	5	U	ug/l	5	ug/l
00929	sodium	Grab	N	EPA 6010	7.9		mg/l	0.2	mg/l
01059	thallium	Grab	N	EPA 6010	2	U	ug/l	2	ug/l
01100	tin	Grab	N	EPA 6010	5	U	ug/l	5	ug/l
00985	vanadium	Grab	N	EPA 6010	6	I	ug/l	5	ug/l
01092	zinc	Grab	N	EPA 6010	25	U	ug/l	25	ug/l
38437	1,2-dibromo-3-chloropropane	Grab	N	EPA 504.1	0.02	U	ug/l	0.02	ug/l
77651	1,2-dibromoethane	Grab	N	EPA 504.1	0.02	U	ug/l	0.02	ug/l
00620	nitrate	Grab	N	EPA 353.2	0.01	I	mg/l	0.01	mg/l
00610	ammonia	Grab	N	EPA 350.1	0.06		mg/l	0.02	mg/l
00720	total cyanide	Grab	N	EPA 335.3	0.005	U	mg/l	0.005	mg/l
00940	chloride	Grab	N	EPA 325.2	17		mg/l	1	mg/l
71900	mercury	Grab	N	EPA 245.1/7470	0.21	I	ug/l	0.2	ug/l
70300	total dissolved solids	Grab	N	EPA 160.1	112		mg/l	10	mg/l
34551	1,2,4-trichlorobenzene	Grab	N	EPA 8270	10	U	ug/l	10	ug/l
34536	1,2-dichlorobenzene	Grab	N	EPA 8270	10	U	ug/l	10	ug/l
34566	1,3-dichlorobenzene	Grab	N	EPA 8270	10	U	ug/l	10	ug/l
34571	1,4-dichlorobenzene	Grab	N	EPA 8270	10	U	ug/l	10	ug/l
34621	2,4,6-trichlorophenol	Grab	N	EPA 8270	10	U	ug/l	10	ug/l
34601	2,4-dichlorophenol	Grab	N	EPA 8270	10	U	ug/l	10	ug/l
34616	2,4-dinitrophenol	Grab	N	EPA 8270	50	U	ug/l	50	ug/l
34611	2,4-dinitrotoluene	Grab	N	EPA 8270	10	U	ug/l	10	ug/l
34626	2,6-dinitrotoluene	Grab	N	EPA 8270	10	U	ug/l	10	ug/l
34581	2-chloronaphthalene	Grab	N	EPA 8270	10	U	ug/l	10	ug/l
34856	2-chlorophenol	Grab	N	EPA 8270	10	U	ug/l	10	ug/l

* Detection Limit depends on amount of sample digested/extracted

Well Name MW-8 Sample Number: 0002-310-03

Storet Code	Parameter	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Results/Units			Detection Limits/Units	
34591	2-nitrophenol	Grab	N	EPA 8270	10	U	ug/l	10	ug/l
34631	3,3'-dichlorobenzidine	Grab	N	EPA 8270	100	U	ug/l	100	ug/l
34657	4,6-dinitro-2-methylphenol	Grab	N	EPA 8270	50	U	ug/l	50	ug/l
34639	4-bromophenyl phenyl ether	Grab	N	EPA 8270	10	U	ug/l	10	ug/l
34452	4-chloro-3-methylphenol	Grab	N	EPA 8270	10	U	ug/l	10	ug/l
34641	4-chlorophenyl phenyl ether	Grab	N	EPA 8270	10	U	ug/l	10	ug/l
34646	4-nitrophenol	Grab	N	EPA 8270	10	U	ug/l	10	ug/l
34205	acenaphthene	Grab	N	EPA 8270	10	U	ug/l	10	ug/l
34205	acenaphthylene	Grab	N	EPA 8270	10	U	ug/l	10	ug/l
34220	anthracene	Grab	N	EPA 8270	10	U	ug/l	10	ug/l
30133	benz[a]anthracene	Grab	N	EPA 8270	10	U	ug/l	10	ug/l
34247	benzo[a]pyrene	Grab	N	EPA 8270	10	U	ug/l	10	ug/l
34230	benzo[b]fluoranthene	Grab	N	EPA 8270	10	U	ug/l	10	ug/l
34242	benzo[k]fluoranthene	Grab	N	EPA 8270	10	U	ug/l	10	ug/l
34278	bis(2-chloroethoxy)methane	Grab	N	EPA 8270	10	U	ug/l	10	ug/l
34273	bis(2-chloroethyl) ether	Grab	N	EPA 8270	10	U	ug/l	10	ug/l
34283	bis(2-chloroisopropyl) ether	Grab	N	EPA 8270	10	U	ug/l	10	ug/l
34292	butyl benzyl phthalate	Grab	N	EPA 8270	10	U	ug/l	10	ug/l
30153	chrysene	Grab	N	EPA 8270	10	U	ug/l	10	ug/l
30154	dibenz[a,h]anthracene	Grab	N	EPA 8270	10	U	ug/l	10	ug/l
34336	diethyl phthalate	Grab	N	EPA 8270	10	U	ug/l	10	ug/l
39110	di-n-butyl phthalate	Grab	N	EPA 8270	10	U	ug/l	10	ug/l
34596	di-n-octyl phthalate	Grab	N	EPA 8270	10	U	ug/l	10	ug/l
34376	fluoranthene	Grab	N	EPA 8270	10	U	ug/l	10	ug/l
34381	fluorene	Grab	N	EPA 8270	10	U	ug/l	10	ug/l
39700	hexachlorobenzene	Grab	N	EPA 8270	10	U	ug/l	10	ug/l
34391	hexachlorobutadiene	Grab	N	EPA 8270	10	U	ug/l	10	ug/l
34386	hexachlorocyclopentadiene	Grab	N	EPA 8270	20	U	ug/l	20	ug/l
34396	hexachloroethane	Grab	N	EPA 8270	10	U	ug/l	10	ug/l
34403	indeno[1,2,3-cd]pyrene	Grab	N	EPA 8270	10	U	ug/l	10	ug/l
39430	isodrin	Grab	N	EPA 8270	10	U	ug/l	10	ug/l
34408	isophorone	Grab	N	EPA 8270	10	U	ug/l	10	ug/l
34696	naphthalene	Grab	N	EPA 8270	10	U	ug/l	10	ug/l
34447	nitrobenzene	Grab	N	EPA 8270	10	U	ug/l	10	ug/l
34428	N-nitroso-di-n-propylamine	Grab	N	EPA 8270	10	U	ug/l	10	ug/l
34433	N-nitrosodiphenylamine	Grab	N	EPA 8270	10	U	ug/l	10	ug/l
39032	pentachlorophenol	Grab	N	EPA 8270	10	U	ug/l	10	ug/l
34461	phenanthrene	Grab	N	EPA 8270	10	U	ug/l	10	ug/l
34694	phenol	Grab	N	EPA 8270	10	U	ug/l	10	ug/l
34469	pyrene	Grab	N	EPA 8270	20	U	ug/l	20	ug/l
39310	4,4'-DDD	Grab	N	EPA 8081A	0.05	U	ug/l	0.05	ug/l
39365	4,4'-DDE	Grab	N	EPA 8081A	0.05	U	ug/l	0.05	ug/l
39300	4,4'-DDT	Grab	N	EPA 8081A	0.05	U	ug/l	0.05	ug/l
39330	aldrin	Grab	N	EPA 8081A	0.03	U	ug/l	0.03	ug/l

* Detection Limit depends on amount of sample digested/extracted

Well Name MW-8 Sample Number: 0002-310-03

Storet Code	Parameter	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Results/Units			Detection Limits/Units	
39336	alpha-BHC	Grab	N	EPA 8081A	0.03	U	ug/l	0.03	ug/l
39348	alpha-chlordane	Grab	N	EPA 8081A	0.05	U	ug/l	0.05	ug/l
39338	beta-BHC	Grab	N	EPA 8081A	0.03	U	ug/l	0.03	ug/l
39380	dieldrin	Grab	N	EPA 8081A	0.05	U	ug/l	0.05	ug/l
34361	endosulfan I	Grab	N	EPA 8081A	0.03	U	ug/l	0.03	ug/l
34356	endosulfan II	Grab	N	EPA 8081A	0.05	U	ug/l	0.05	ug/l
34351	endosulfan sulfate	Grab	N	EPA 8081A	0.05	U	ug/l	0.05	ug/l
39390	endrin	Grab	N	EPA 8081A	0.05	U	ug/l	0.05	ug/l
34366	endrin aldehyde	Grab	N	EPA 8081A	0.05	U	ug/l	0.05	ug/l
00951	gamma-BHC	Grab	N	EPA 8081A	0.03	U	ug/l	0.03	ug/l
39340	gamma-BHC	Grab	N	EPA 8081A	0.03	U	ug/l	0.03	ug/l
39810	gamma-chlordane	Grab	N	EPA 8081A	0.05	U	ug/l	0.05	ug/l
46326	heptachlor	Grab	N	EPA 8081A	0.03	U	ug/l	0.03	ug/l
39420	heptachlor epoxide	Grab	N	EPA 8081A	0.03	U	ug/l	0.03	ug/l
39700	hexachlorobenzene	Grab	N	EPA 8081A	0.03	U	ug/l	0.03	ug/l
34386	hexachlorocyclopentadiene	Grab	N	EPA 8081A	0.03	U	ug/l	0.03	ug/l
39430	isodrin	Grab	N	EPA 8081A	0.03	U	ug/l	0.03	ug/l
39480	methoxychlor	Grab	N	EPA 8081A	0.3	U	ug/l	0.3	ug/l
39755	mirex	Grab	N	EPA 8081A	0.05	U	ug/l	0.05	ug/l
39400	toxaphene	Grab	N	EPA 8081A	1	U	ug/l	1	ug/l

* Detection Limit depends on amount of sample digested/extracted

Well Diameter(ft): 2
Total Depth: 14.93
Evacuation (gal): ~4.5
Sample Appearance:

Elevation (NGVD): 88.71
Water Level (ft) : 10.68
Ground Water Elevation (NGVD) : 78.03

Facility GMS #: 4025630001
Test Site ID #: NA
Well Name: MW-9
Classification of Ground Water: GII
Ground Water Elevation (NGVD) : 78.03

Sample Number: 0002-310-02
Sample Date/Time: 02/08/2000 11:05:00 A
Report Period : 00/Q1
Well Purged(Y/N): Y
Well Type: Other

Storet Code	Parameter	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Results/Units		Detection Limits/Units	
00094	conductivity	Grab	N	Field	294	umhos/cm		umhos/cm
00300	dissolved oxygen	Grab	N	Field	1.35	mg/l		mg/l
00406	pH	Grab	N	Field	4.89	units		units
00096	salinity	Grab	N	Field	0.01			
00010	temperature	Grab	N	Field	20.5	Deg. C		Deg. C
82078	turbidity	Grab	N	Field	4	NTU		NTU
00745	sulfide	Grab	N	EPA 9030A	0.04 U	mg/l	0.04	mg/l
77562	1,1,1,2-tetrachloroethane	Grab	N	EPA 8260	1 U	ug/l	1	ug/l
34506	1,1,1-trichloroethane	Grab	N	EPA 8260	1 U	ug/l	1	ug/l
34516	1,1,2,2-tetrachloroethane	Grab	N	EPA 8260	0.2 U	ug/l	0.2	ug/l
34511	1,1,2-trichloroethane	Grab	N	EPA 8260	1 U	ug/l	1	ug/l
34496	1,1-dichloroethane	Grab	N	EPA 8260	1 U	ug/l	1	ug/l
34501	1,1-dichloroethene	Grab	N	EPA 8260	1 U	ug/l	1	ug/l
77443	1,2,3-trichloropropane	Grab	N	EPA 8260	1 U	ug/l	1	ug/l
34551	1,2,4-trichlorobenzene	Grab	N	EPA 8260	1 U	ug/l	1	ug/l
38437	1,2-dibromo-3-chloropropane	Grab	N	EPA 8260	2 U	ug/l	2	ug/l
77651	1,2-dibromoethane	Grab	N	EPA 8260	1 U	ug/l	1	ug/l
34536	1,2-dichlorobenzene	Grab	N	EPA 8260	1 U	ug/l	1	ug/l
34531	1,2-dichloroethane	Grab	N	EPA 8260	1 U	ug/l	1	ug/l
34541	1,2-dichloropropane	Grab	N	EPA 8260	1 U	ug/l	1	ug/l
34566	1,3-dichlorobenzene	Grab	N	EPA 8260	1 U	ug/l	1	ug/l
77173	1,3-dichloropropane	Grab	N	EPA 8260	1 U	ug/l	1	ug/l
34571	1,4-dichlorobenzene	Grab	N	EPA 8260	1 U	ug/l	1	ug/l
81582	1,4-dioxane	Grab	N	EPA 8260	100 U	ug/l	100	ug/l
77170	2,2-dichloropropane	Grab	N	EPA 8260	1 U	ug/l	1	ug/l
81595	2-butanone	Grab	N	EPA 8260	5 U	ug/l	5	ug/l
77103	2-hexanone	Grab	N	EPA 8260	5 U	ug/l	5	ug/l
78133	4-methyl-2-pentanone	Grab	N	EPA 8260	5 U	ug/l	5	ug/l
81552	acetone	Grab	N	EPA 8260	5 U	ug/l	5	ug/l
34215	acetonitrile	Grab	N	EPA 8260	1 U	ug/l	1	ug/l
34210	acrolein	Grab	N	EPA 8260	20 U	ug/l	20	ug/l
34215	acrylonitrile	Grab	N	EPA 8260	4 U	ug/l	4	ug/l
82587	allyl chloride	Grab	N	EPA 8260	5 U	ug/l	5	ug/l
78124	benzene	Grab	N	EPA 8260	1 U	ug/l	1	ug/l

* Detection Limit depends on amount of sample digested/extracted

Well Name MW-9 Sample Number: 0002-310-02

Storet Code	Parameter	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Results/Units			Detection Limits/Units	
73085	bromochloromethane	Grab	N	EPA 8260	1	U	ug/l	1	ug/l
32101	bromodichloromethane	Grab	N	EPA 8260	0.6	U	ug/l	0.6	ug/l
32104	bromoform	Grab	N	EPA 8260	1	U	ug/l	1	ug/l
34413	bromomethane	Grab	N	EPA 8260	1	U	ug/l	1	ug/l
77041	carbon disulfide	Grab	N	EPA 8260	1	U	ug/l	1	ug/l
32102	carbon tetrachloride	Grab	N	EPA 8260	1	U	ug/l	1	ug/l
34301	chlorobenzene	Grab	N	EPA 8260	1	U	ug/l	1	ug/l
34311	chloroethane	Grab	N	EPA 8260	1	U	ug/l	1	ug/l
32106	chloroform	Grab	N	EPA 8260	1	U	ug/l	1	ug/l
34418	chloromethane	Grab	N	EPA 8260	1	U	ug/l	1	ug/l
31520	chloroprene	Grab	N	EPA 8260	4	U	ug/l	4	ug/l
77093	cis-1,2-dichloroethene	Grab	N	EPA 8260	1	U	ug/l	1	ug/l
34704	cis-1,3-dichloropropene	Grab	N	EPA 8260	1	U	ug/l	1	ug/l
32105	dibromochloromethane	Grab	N	EPA 8260	1	U	ug/l	1	ug/l
30217	dibromomethane	Grab	N	EPA 8260	1	U	ug/l	1	ug/l
34668	Dichlorodifluoromethane	Grab	N	EPA 8260	1	U	ug/l	1	ug/l
73570	ethyl methacrylate	Grab	N	EPA 8260	4	U	ug/l	4	ug/l
34371	ethylbenzene	Grab	N	EPA 8260	1	U	ug/l	1	ug/l
34391	hexachlorobutadiene	Grab	N	EPA 8260	1	U	ug/l	1	ug/l
77424	iodomethane	Grab	N	EPA 8260	1	U	ug/l	1	ug/l
77033	isobutyl alcohol	Grab	N	EPA 8260	40	U	ug/l	40	ug/l
35795	m,p-xylene	Grab	N	EPA 8260	1	U	ug/l	1	ug/l
87593	methacrylonitrile	Grab	N	EPA 8260	4	U	ug/l	4	ug/l
34413	methyl bromide	Grab	N	EPA 8260	1	U	ug/l	1	ug/l
34418	methyl chloride	Grab	N	EPA 8260	1	U	ug/l	1	ug/l
81595	methyl ethyl ketone	Grab	N	EPA 8260	5	U	ug/l	5	ug/l
77424	methyl iodide	Grab	N	EPA 8260	1	U	ug/l	1	ug/l
81597	methyl methacrylate	Grab	N	EPA 8260	4	U	ug/l	4	ug/l
34423	methylene chloride	Grab	N	EPA 8260	1	U	ug/l	1	ug/l
34696	naphthalene	Grab	N	EPA 8260	1	U	ug/l	1	ug/l
77135	o-xylene	Grab	N	EPA 8260	1	U	ug/l	1	ug/l
77007	propionitrile	Grab	N	EPA 8260	5	U	ug/l	5	ug/l
77128	styrene	Grab	N	EPA 8260	1	U	ug/l	1	ug/l
34475	tetrachloroethene	Grab	N	EPA 8260	1	U	ug/l	1	ug/l
78131	toluene	Grab	N	EPA 8260	1	U	ug/l	1	ug/l
34546	trans-1,2-dichloroethene	Grab	N	EPA 8260	1	U	ug/l	1	ug/l
34699	trans-1,3-dichloropropene	Grab	N	EPA 8260	1	U	ug/l	1	ug/l
73547	trans-1,4-dichloro-2-butene	Grab	N	EPA 8260	4	U	ug/l	4	ug/l
39180	trichloroethene	Grab	N	EPA 8260	1	U	ug/l	1	ug/l
34488	trichlorofluoromethane	Grab	N	EPA 8260	1	U	ug/l	1	ug/l
77057	vinyl acetate	Grab	N	EPA 8260	5	U	ug/l	5	ug/l
39175	vinyl chloride	Grab	N	EPA 8260	1	U	ug/l	1	ug/l
81551	xylenes	Grab	N	EPA 8260	1	U	ug/l	1	ug/l
39760	2,4,5-TP	Grab	N	EPA 8151	1	U	ug/l	1	ug/l

* Detection Limit depends on amount of sample digested/extracted

Well Name MW-9 Sample Number: 0002-310-02

Storet Code	Parameter	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Results/Units			Detection Limits/Units	
39730	2,4-D	Grab	N	EPA 8151	1	U	ug/l	1	ug/l
30103	aroclor 1016	Grab	N	EPA 8082	0.5	U	ug/l	0.5	ug/l
30104	aroclor 1221	Grab	N	EPA 8082	0.5	U	ug/l	0.5	ug/l
30106	aroclor 1242	Grab	N	EPA 8082	0.5	U	ug/l	0.5	ug/l
30107	aroclor 1248	Grab	N	EPA 8082	0.5	U	ug/l	0.5	ug/l
30108	aroclor 1254	Grab	N	EPA 8082	0.5	U	ug/l	0.5	ug/l
30109	aroclor 1260	Grab	N	EPA 8082	0.5	U	ug/l	0.5	ug/l
01097	antimony	Grab	N	EPA 6010	5	U	ug/l	5	ug/l
01002	arsenic	Grab	N	EPA 6010	9	I	ug/l	5	ug/l
01007	barium	Grab	N	EPA 6010	415		ug/l	1	ug/l
01012	beryllium	Grab	N	EPA 6010	1	U	ug/l	1	ug/l
01027	cadmium	Grab	N	EPA 6010	1	U	ug/l	1	ug/l
01034	chromium	Grab	N	EPA 6010	31		ug/l	1	ug/l
01037	cobalt	Grab	N	EPA 6010	5	U	ug/l	5	ug/l
01042	copper	Grab	N	EPA 6010	5	U	ug/l	5	ug/l
01045	iron	Grab	N	EPA 6010	4670		ug/l	40	ug/l
01051	lead	Grab	N	EPA 6010	16	I	ug/l	4	ug/l
01067	nickel	Grab	N	EPA 6010	9	I	ug/l	5	ug/l
01147	selenium	Grab	N	EPA 6010	5	U	ug/l	5	ug/l
01077	silver	Grab	N	EPA 6010	5	U	ug/l	5	ug/l
00929	sodium	Grab	N	EPA 6010	37.3		mg/l	0.2	mg/l
01059	thallium	Grab	N	EPA 6010	2	U	ug/l	2	ug/l
01100	tin	Grab	N	EPA 6010	5	U	ug/l	5	ug/l
00985	vanadium	Grab	N	EPA 6010	27		ug/l	5	ug/l
01092	zinc	Grab	N	EPA 6010	25	U	ug/l	25	ug/l
38437	1,2-dibromo-3-chloropropane	Grab	N	EPA 504.1	0.02	U	ug/l	0.02	ug/l
77651	1,2-dibromoethane	Grab	N	EPA 504.1	0.02	U	ug/l	0.02	ug/l
00620	nitrate	Grab	N	EPA 353.2	0.02	I	mg/l	0.01	mg/l
00610	ammonia	Grab	N	EPA 350.1	6.4		mg/l	0.02	mg/l
00720	total cyanide	Grab	N	EPA 335.3	0.005	U	mg/l	0.005	mg/l
00940	chloride	Grab	N	EPA 325.2	88		mg/l	1	mg/l
71900	mercury	Grab	N	EPA 245.1/7470	0.3	I	ug/l	0.2	ug/l
70300	total dissolved solids	Grab	N	EPA 160.1	180		mg/l	10	mg/l
34551	1,2,4-trichlorobenzene	Grab	N	EPA 8270	10	U	ug/l	10	ug/l
34536	1,2-dichlorobenzene	Grab	N	EPA 8270	10	U	ug/l	10	ug/l
34566	1,3-dichlorobenzene	Grab	N	EPA 8270	10	U	ug/l	10	ug/l
34571	1,4-dichlorobenzene	Grab	N	EPA 8270	10	U	ug/l	10	ug/l
34621	2,4,6-trichlorophenol	Grab	N	EPA 8270	10	U	ug/l	10	ug/l
34601	2,4-dichlorophenol	Grab	N	EPA 8270	10	U	ug/l	10	ug/l
34616	2,4-dinitrophenol	Grab	N	EPA 8270	50	U	ug/l	50	ug/l
34611	2,4-dinitrotoluene	Grab	N	EPA 8270	10	U	ug/l	10	ug/l
34626	2,6-dinitrotoluene	Grab	N	EPA 8270	10	U	ug/l	10	ug/l
34581	2-chloronaphthalene	Grab	N	EPA 8270	10	U	ug/l	10	ug/l
34856	2-chlorophenol	Grab	N	EPA 8270	10	U	ug/l	10	ug/l

* Detection Limit depends on amount of sample digested/extracted

Well Name MW-9 Sample Number: 0002-310-02

Storet Code	Parameter	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Results/Units			Detection Limits/Units	
34591	2-nitrophenol	Grab	N	EPA 8270	10	U	ug/l	10	ug/l
34631	3,3'-dichlorobenzidine	Grab	N	EPA 8270	100	U	ug/l	100	ug/l
34657	4,6-dinitro-2-methylphenol	Grab	N	EPA 8270	50	U	ug/l	50	ug/l
34639	4-bromophenyl phenyl ether	Grab	N	EPA 8270	10	U	ug/l	10	ug/l
34452	4-chloro-3-methylphenol	Grab	N	EPA 8270	10	U	ug/l	10	ug/l
34641	4-chlorophenyl phenyl ether	Grab	N	EPA 8270	10	U	ug/l	10	ug/l
34646	4-nitrophenol	Grab	N	EPA 8270	10	U	ug/l	10	ug/l
34205	acenaphthene	Grab	N	EPA 8270	10	U	ug/l	10	ug/l
34205	acenaphthylene	Grab	N	EPA 8270	10	U	ug/l	10	ug/l
34220	anthracene	Grab	N	EPA 8270	10	U	ug/l	10	ug/l
30133	benz[a]anthracene	Grab	N	EPA 8270	10	U	ug/l	10	ug/l
34247	benzo[a]pyrene	Grab	N	EPA 8270	10	U	ug/l	10	ug/l
34230	benzo[b]fluoranthene	Grab	N	EPA 8270	10	U	ug/l	10	ug/l
34242	benzo[k]fluoranthene	Grab	N	EPA 8270	10	U	ug/l	10	ug/l
34278	bis(2-chloroethoxy)methane	Grab	N	EPA 8270	10	U	ug/l	10	ug/l
34273	bis(2-chloroethyl) ether	Grab	N	EPA 8270	10	U	ug/l	10	ug/l
34283	bis(2-chloroisopropyl) ether	Grab	N	EPA 8270	10	U	ug/l	10	ug/l
34292	butyl benzyl phthalate	Grab	N	EPA 8270	10	U	ug/l	10	ug/l
30153	chrysene	Grab	N	EPA 8270	10	U	ug/l	10	ug/l
30154	dibenz[a,h]anthracene	Grab	N	EPA 8270	10	U	ug/l	10	ug/l
34336	diethyl phthalate	Grab	N	EPA 8270	10	U	ug/l	10	ug/l
39110	di-n-butyl phthalate	Grab	N	EPA 8270	10	U	ug/l	10	ug/l
34596	di-n-octyl phthalate	Grab	N	EPA 8270	10	U	ug/l	10	ug/l
34376	fluoranthene	Grab	N	EPA 8270	10	U	ug/l	10	ug/l
34381	fluorene	Grab	N	EPA 8270	10	U	ug/l	10	ug/l
39700	hexachlorobenzene	Grab	N	EPA 8270	10	U	ug/l	10	ug/l
34391	hexachlorobutadiene	Grab	N	EPA 8270	10	U	ug/l	10	ug/l
34386	hexachlorocyclopentadiene	Grab	N	EPA 8270	20	U	ug/l	20	ug/l
34396	hexachloroethane	Grab	N	EPA 8270	10	U	ug/l	10	ug/l
34403	indeno[1,2,3-cd]pyrene	Grab	N	EPA 8270	10	U	ug/l	10	ug/l
39430	isodrin	Grab	N	EPA 8270	10	U	ug/l	10	ug/l
34408	isophorone	Grab	N	EPA 8270	10	U	ug/l	10	ug/l
34696	naphthalene	Grab	N	EPA 8270	10	U	ug/l	10	ug/l
34447	nitrobenzene	Grab	N	EPA 8270	10	U	ug/l	10	ug/l
34428	N-nitroso-di-n-propylamine	Grab	N	EPA 8270	10	U	ug/l	10	ug/l
34433	N-nitrosodiphenylamine	Grab	N	EPA 8270	10	U	ug/l	10	ug/l
39032	pentachlorophenol	Grab	N	EPA 8270	10	U	ug/l	10	ug/l
34461	phenanthrene	Grab	N	EPA 8270	10	U	ug/l	10	ug/l
34694	phenol	Grab	N	EPA 8270	10	U	ug/l	10	ug/l
34469	pyrene	Grab	N	EPA 8270	20	U	ug/l	20	ug/l
39310	4,4'-DDD	Grab	N	EPA 8081A	0.05	U	ug/l	0.05	ug/l
39365	4,4'-DDE	Grab	N	EPA 8081A	0.05	U	ug/l	0.05	ug/l
39300	4,4'-DDT	Grab	N	EPA 8081A	0.05	U	ug/l	0.05	ug/l
39330	aldrin	Grab	N	EPA 8081A	0.03	U	ug/l	0.03	ug/l

* Detection Limit depends on amount of sample digested/extracted

Well Name MW-9 Sample Number: 0002-310-02

Storet Code	Parameter	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Results/Units			Detection Limits/Units	
39336	alpha-BHC	Grab	N	EPA 8081A	0.03	U	ug/l	0.03	ug/l
39348	alpha-chlordane	Grab	N	EPA 8081A	0.05	U	ug/l	0.05	ug/l
39338	beta-BHC	Grab	N	EPA 8081A	0.03	U	ug/l	0.03	ug/l
39380	dieldrin	Grab	N	EPA 8081A	0.05	U	ug/l	0.05	ug/l
34361	endosulfan I	Grab	N	EPA 8081A	0.03	U	ug/l	0.03	ug/l
34356	endosulfan II	Grab	N	EPA 8081A	0.05	U	ug/l	0.05	ug/l
34351	endosulfan sulfate	Grab	N	EPA 8081A	0.05	U	ug/l	0.05	ug/l
39390	endrin	Grab	N	EPA 8081A	0.05	U	ug/l	0.05	ug/l
34366	endrin aldehyde	Grab	N	EPA 8081A	0.05	U	ug/l	0.05	ug/l
39340	gamma-BHC	Grab	N	EPA 8081A	0.03	U	ug/l	0.03	ug/l
00951	gamma-BHC	Grab	N	EPA 8081A	0.03	U	ug/l	0.03	ug/l
39810	gamma-chlordane	Grab	N	EPA 8081A	0.05	U	ug/l	0.05	ug/l
46326	heptachlor	Grab	N	EPA 8081A	0.03	U	ug/l	0.03	ug/l
39420	heptachlor epoxide	Grab	N	EPA 8081A	0.03	U	ug/l	0.03	ug/l
39700	hexachlorobenzene	Grab	N	EPA 8081A	0.03	U	ug/l	0.03	ug/l
34386	hexachlorocyclopentadiene	Grab	N	EPA 8081A	0.03	U	ug/l	0.03	ug/l
39430	isodrin	Grab	N	EPA 8081A	0.03	U	ug/l	0.03	ug/l
39480	methoxychlor	Grab	N	EPA 8081A	0.3	U	ug/l	0.3	ug/l
39755	mirex	Grab	N	EPA 8081A	0.05	U	ug/l	0.05	ug/l
39400	toxaphene	Grab	N	EPA 8081A	1	U	ug/l	1	ug/l

* Detection Limit depends on amount of sample digested/extracted

Well Diameter(ft):

Total Depth:

Evacuation (gal):

Sample Appearance: clear, no odor, no sheen

Elevation (NGVD):

Water Level (ft) :

Ground Water Elevation (NGVD) :

Facility GMS #: 4025630001

Test Site ID #:

Well Name: E.BLANK

Classification of Ground Water: GII

Ground Water Elevation (NGVD) :

Sample Number: 0002-310-01

Sample Date/Time: 02/08/2000 10:15:00 A

Report Period : 00/Q1

Well Purged(Y/N): N

Well Type: Other

Storet Code	Parameter	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Results/Units			Detection Limits/Units	
00094	conductivity	Grab	N	Field	1	<	umhos/cm		umhos/cm
00300	dissolved oxygen	Grab	N	Field	4.35		mg/l		mg/l
00406	pH	Grab	N	Field	5.47		units		units
00096	salinity	Grab	N	Field	1	<			
00010	temperature	Grab	N	Field	14.7		Deg. C		Deg. C
82078	turbidity	Grab	N	Field	0		NTU		NTU
00745	sulfide	Grab	N	EPA 9030A	0.04	U	mg/l	0.04	mg/l
77562	1,1,1,2-tetrachloroethane	Grab	N	EPA 8260	1	U	ug/l	1	ug/l
34506	1,1,1-trichloroethane	Grab	N	EPA 8260	1	U	ug/l	1	ug/l
34516	1,1,2,2-tetrachloroethane	Grab	N	EPA 8260	0.2	U	ug/l	0.2	ug/l
34511	1,1,2-trichloroethane	Grab	N	EPA 8260	1	U	ug/l	1	ug/l
34496	1,1-dichloroethane	Grab	N	EPA 8260	1	U	ug/l	1	ug/l
34501	1,1-dichloroethene	Grab	N	EPA 8260	1	U	ug/l	1	ug/l
77443	1,2,3-trichloropropane	Grab	N	EPA 8260	1	U	ug/l	1	ug/l
34551	1,2,4-trichlorobenzene	Grab	N	EPA 8260	1	U	ug/l	1	ug/l
38437	1,2-dibromo-3-chloropropane	Grab	N	EPA 8260	2	U	ug/l	2	ug/l
77651	1,2-dibromoethane	Grab	N	EPA 8260	1	U	ug/l	1	ug/l
34536	1,2-dichlorobenzene	Grab	N	EPA 8260	1	U	ug/l	1	ug/l
34531	1,2-dichloroethane	Grab	N	EPA 8260	1	U	ug/l	1	ug/l
34541	1,2-dichloropropane	Grab	N	EPA 8260	1	U	ug/l	1	ug/l
34566	1,3-dichlorobenzene	Grab	N	EPA 8260	1	U	ug/l	1	ug/l
77173	1,3-dichloropropane	Grab	N	EPA 8260	1	U	ug/l	1	ug/l
34571	1,4-dichlorobenzene	Grab	N	EPA 8260	1	U	ug/l	1	ug/l
81582	1,4-dioxane	Grab	N	EPA 8260	100	U	ug/l	100	ug/l
77170	2,2-dichloropropane	Grab	N	EPA 8260	1	U	ug/l	1	ug/l
81595	2-butanone	Grab	N	EPA 8260	5	U	ug/l	5	ug/l
77103	2-hexanone	Grab	N	EPA 8260	5	U	ug/l	5	ug/l
78133	4-methyl-2-pentanone	Grab	N	EPA 8260	5	U	ug/l	5	ug/l
81552	acetone	Grab	N	EPA 8260	5	U	ug/l	5	ug/l
34215	acetonitrile	Grab	N	EPA 8260	1	U	ug/l	1	ug/l
34210	acrolein	Grab	N	EPA 8260	20	U	ug/l	20	ug/l
34215	acrylonitrile	Grab	N	EPA 8260	4	U	ug/l	4	ug/l
82587	allyl chloride	Grab	N	EPA 8260	5	U	ug/l	5	ug/l
78124	benzene	Grab	N	EPA 8260	1	U	ug/l	1	ug/l

* Detection Limit depends on amount of sample digested/extracted

Well Name E.BLANK Sample Number: 0002-310-01

Storet Code	Parameter	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Results/Units			Detection Limits/Units	
73085	bromochloromethane	Grab	N	EPA 8260	1	U	ug/l	1	ug/l
32101	bromodichloromethane	Grab	N	EPA 8260	0.6	U	ug/l	0.6	ug/l
32104	bromoform	Grab	N	EPA 8260	1	U	ug/l	1	ug/l
34413	bromomethane	Grab	N	EPA 8260	1	U	ug/l	1	ug/l
77041	carbon disulfide	Grab	N	EPA 8260	1	U	ug/l	1	ug/l
32102	carbon tetrachloride	Grab	N	EPA 8260	1	U	ug/l	1	ug/l
34301	chlorobenzene	Grab	N	EPA 8260	1	U	ug/l	1	ug/l
34311	chloroethane	Grab	N	EPA 8260	1	U	ug/l	1	ug/l
32106	chloroform	Grab	N	EPA 8260	1	U	ug/l	1	ug/l
34418	chloromethane	Grab	N	EPA 8260	1	U	ug/l	1	ug/l
81520	chloroprene	Grab	N	EPA 8260	4	U	ug/l	4	ug/l
77093	cis-1,2-dichloroethene	Grab	N	EPA 8260	1	U	ug/l	1	ug/l
34704	cis-1,3-dichloropropene	Grab	N	EPA 8260	1	U	ug/l	1	ug/l
32105	dibromochloromethane	Grab	N	EPA 8260	1	U	ug/l	1	ug/l
30217	dibromomethane	Grab	N	EPA 8260	1	U	ug/l	1	ug/l
34668	Dichlorodifluoromethane	Grab	N	EPA 8260	1	U	ug/l	1	ug/l
73570	ethyl methacrylate	Grab	N	EPA 8260	4	U	ug/l	4	ug/l
34371	ethylbenzene	Grab	N	EPA 8260	1	U	ug/l	1	ug/l
34391	hexachlorobutadiene	Grab	N	EPA 8260	1	U	ug/l	1	ug/l
77424	iodomethane	Grab	N	EPA 8260	1	U	ug/l	1	ug/l
77033	isobutyl alcohol	Grab	N	EPA 8260	40	U	ug/l	40	ug/l
85795	m,p-xylene	Grab	N	EPA 8260	1	U	ug/l	1	ug/l
87593	methacrylonitrile	Grab	N	EPA 8260	4	U	ug/l	4	ug/l
34413	methyl bromide	Grab	N	EPA 8260	1	U	ug/l	1	ug/l
34418	methyl chloride	Grab	N	EPA 8260	1	U	ug/l	1	ug/l
81595	methyl ethyl ketone	Grab	N	EPA 8260	5	U	ug/l	5	ug/l
77424	methyl iodide	Grab	N	EPA 8260	1	U	ug/l	1	ug/l
81597	methyl methacrylate	Grab	N	EPA 8260	4	U	ug/l	4	ug/l
34423	methylene chloride	Grab	N	EPA 8260	1	U	ug/l	1	ug/l
34696	naphthalene	Grab	N	EPA 8260	1	U	ug/l	1	ug/l
77135	o-xylene	Grab	N	EPA 8260	1	U	ug/l	1	ug/l
77007	propionitrile	Grab	N	EPA 8260	5	U	ug/l	5	ug/l
77128	styrene	Grab	N	EPA 8260	1	U	ug/l	1	ug/l
34475	tetrachloroethene	Grab	N	EPA 8260	1	U	ug/l	1	ug/l
78131	toluene	Grab	N	EPA 8260	1	U	ug/l	1	ug/l
34546	trans-1,2-dichloroethene	Grab	N	EPA 8260	1	U	ug/l	1	ug/l
34699	trans-1,3-dichloropropene	Grab	N	EPA 8260	1	U	ug/l	1	ug/l
73547	trans-1,4-dichloro-2-butene	Grab	N	EPA 8260	4	U	ug/l	4	ug/l
39180	trichloroethene	Grab	N	EPA 8260	1	U	ug/l	1	ug/l
34488	trichlorofluoromethane	Grab	N	EPA 8260	1	U	ug/l	1	ug/l
77057	vinyl acetate	Grab	N	EPA 8260	5	U	ug/l	5	ug/l
39175	vinyl chloride	Grab	N	EPA 8260	1	U	ug/l	1	ug/l
81551	xylenes	Grab	N	EPA 8260	1	U	ug/l	1	ug/l
39760	2,4,5-TP	Grab	N	EPA 8151	1	U	ug/l	1	ug/l

* Detection Limit depends on amount of sample digested/extracted

Well Name E.BLANK

Sample Number: 0002-310-01

Storet Code	Parameter	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Results/Units			Detection Limits/Units	
39730	2,4-D	Grab	N	EPA 8151	1	U	ug/l	1	ug/l
30103	aroclor 1016	Grab	N	EPA 8082	0.5	U	ug/l	0.5	ug/l
30104	aroclor 1221	Grab	N	EPA 8082	0.5	U	ug/l	0.5	ug/l
30106	aroclor 1242	Grab	N	EPA 8082	0.5	U	ug/l	0.5	ug/l
30107	aroclor 1248	Grab	N	EPA 8082	0.5	U	ug/l	0.5	ug/l
30108	aroclor 1254	Grab	N	EPA 8082	0.5	U	ug/l	0.5	ug/l
30109	aroclor 1260	Grab	N	EPA 8082	0.5	U	ug/l	0.5	ug/l
01097	antimony	Grab	N	EPA 6010	5	U	ug/l	5	ug/l
01002	arsenic	Grab	N	EPA 6010	5	U	ug/l	5	ug/l
01007	barium	Grab	N	EPA 6010	1	U	ug/l	1	ug/l
01012	beryllium	Grab	N	EPA 6010	1	U	ug/l	1	ug/l
01027	cadmium	Grab	N	EPA 6010	1	U	ug/l	1	ug/l
01034	chromium	Grab	N	EPA 6010	1	U	ug/l	1	ug/l
01037	cobalt	Grab	N	EPA 6010	5	U	ug/l	5	ug/l
01042	copper	Grab	N	EPA 6010	5	U	ug/l	5	ug/l
01045	iron	Grab	N	EPA 6010	40	U	ug/l	40	ug/l
01051	lead	Grab	N	EPA 6010	4	U	ug/l	4	ug/l
01067	nickel	Grab	N	EPA 6010	5	U	ug/l	5	ug/l
01147	selenium	Grab	N	EPA 6010	5	U	ug/l	5	ug/l
01077	silver	Grab	N	EPA 6010	5	U	ug/l	5	ug/l
00929	sodium	Grab	N	EPA 6010	0.2	U	mg/l	0.2	mg/l
01059	thallium	Grab	N	EPA 6010	2	U	ug/l	2	ug/l
01100	tin	Grab	N	EPA 6010	5	U	ug/l	5	ug/l
00985	vanadium	Grab	N	EPA 6010	5	U	ug/l	5	ug/l
01092	zinc	Grab	N	EPA 6010	25	U	ug/l	25	ug/l
38437	1,2-dibromo-3-chloropropane	Grab	N	EPA 504.1	0.02	U	ug/l	0.02	ug/l
77651	1,2-dibromoethane	Grab	N	EPA 504.1	0.02	U	ug/l	0.02	ug/l
00620	nitrate	Grab	N	EPA 353.2	0.01	U	mg/l	0.01	mg/l
00610	ammonia	Grab	N	EPA 350.1	0.02	U	mg/l	0.02	mg/l
00720	total cyanide	Grab	N	EPA 335.3	0.005	U	mg/l	0.005	mg/l
00940	chloride	Grab	N	EPA 325.2	1	U	mg/l	1	mg/l
71900	mercury	Grab	N	EPA 245.1/7470	0.2	U	ug/l	0.2	ug/l
70300	total dissolved solids	Grab	N	EPA 160.1	10	U	mg/l	10	mg/l
34551	1,2,4-trichlorobenzene	Grab	N	EPA 8270	10	U	ug/l	10	ug/l
34536	1.2-dichlorobenzene	Grab	N	EPA 8270	10	U	ug/l	10	ug/l
34566	1,3-dichlorobenzene	Grab	N	EPA 8270	10	U	ug/l	10	ug/l
34571	1,4-dichlorobenzene	Grab	N	EPA 8270	10	U	ug/l	10	ug/l
34621	2,4,6-trichlorophenol	Grab	N	EPA 8270	10	U	ug/l	10	ug/l
34601	2,4-dichlorophenol	Grab	N	EPA 8270	10	U	ug/l	10	ug/l
34616	2,4-dinitrophenol	Grab	N	EPA 8270	50	U	ug/l	50	ug/l
34611	2,4-dinitrotoluene	Grab	N	EPA 8270	10	U	ug/l	10	ug/l
34626	2,6-dinitrotoluene	Grab	N	EPA 8270	10	U	ug/l	10	ug/l
34581	2-chloronaphthalene	Grab	N	EPA 8270	10	U	ug/l	10	ug/l
34856	2-chlorophenol	Grab	N	EPA 8270	10	U	ug/l	10	ug/l

* Detection Limit depends on amount of sample digested/extracted

Well Name E.BLANK Sample Number: 0002-310-01

Storet Code	Parameter	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Results/Units			Detection Limits/Units	
34591	2-nitrophenol	Grab	N	EPA 8270	10	U	ug/l	10	ug/l
34631	3,3'-dichlorobenzidine	Grab	N	EPA 8270	100	U	ug/l	100	ug/l
34657	4,6-dinitro-2-methylphenol	Grab	N	EPA 8270	50	U	ug/l	50	ug/l
34639	4-bromophenyl phenyl ether	Grab	N	EPA 8270	10	U	ug/l	10	ug/l
34452	4-chloro-3-methylphenol	Grab	N	EPA 8270	10	U	ug/l	10	ug/l
34641	4-chlorophenyl phenyl ether	Grab	N	EPA 8270	10	U	ug/l	10	ug/l
34646	4-nitrophenol	Grab	N	EPA 8270	10	U	ug/l	10	ug/l
34205	acenaphthene	Grab	N	EPA 8270	10	U	ug/l	10	ug/l
34205	acenaphthylene	Grab	N	EPA 8270	10	U	ug/l	10	ug/l
34220	anthracene	Grab	N	EPA 8270	10	U	ug/l	10	ug/l
30133	benz[a]anthracene	Grab	N	EPA 8270	10	U	ug/l	10	ug/l
34247	benzo[a]pyrene	Grab	N	EPA 8270	10	U	ug/l	10	ug/l
34230	benzo[b]fluoranthene	Grab	N	EPA 8270	10	U	ug/l	10	ug/l
34242	benzo[k]fluoranthene	Grab	N	EPA 8270	10	U	ug/l	10	ug/l
34278	bis(2-chloroethoxy)methane	Grab	N	EPA 8270	10	U	ug/l	10	ug/l
34273	bis(2-chloroethyl) ether	Grab	N	EPA 8270	10	U	ug/l	10	ug/l
34283	bis(2-chloroisopropyl) ether	Grab	N	EPA 8270	10	U	ug/l	10	ug/l
34292	butyl benzyl phthalate	Grab	N	EPA 8270	10	U	ug/l	10	ug/l
30153	chrysene	Grab	N	EPA 8270	10	U	ug/l	10	ug/l
30154	dibenz[a,h]anthracene	Grab	N	EPA 8270	10	U	ug/l	10	ug/l
34336	diethyl phthalate	Grab	N	EPA 8270	10	U	ug/l	10	ug/l
39110	di-n-butyl phthalate	Grab	N	EPA 8270	10	U	ug/l	10	ug/l
34596	di-n-octyl phthalate	Grab	N	EPA 8270	10	U	ug/l	10	ug/l
34376	fluoranthene	Grab	N	EPA 8270	10	U	ug/l	10	ug/l
34381	fluorene	Grab	N	EPA 8270	10	U	ug/l	10	ug/l
39700	hexachlorobenzene	Grab	N	EPA 8270	10	U	ug/l	10	ug/l
34391	hexachlorobutadiene	Grab	N	EPA 8270	10	U	ug/l	10	ug/l
34386	hexachlorocyclopentadiene	Grab	N	EPA 8270	20	U	ug/l	20	ug/l
34396	hexachloroethane	Grab	N	EPA 8270	10	U	ug/l	10	ug/l
34403	indeno[1,2,3-cd]pyrene	Grab	N	EPA 8270	10	U	ug/l	10	ug/l
39430	isodrin	Grab	N	EPA 8270	10	U	ug/l	10	ug/l
34408	isophorone	Grab	N	EPA 8270	10	U	ug/l	10	ug/l
34696	naphthalene	Grab	N	EPA 8270	10	U	ug/l	10	ug/l
34447	nitrobenzene	Grab	N	EPA 8270	10	U	ug/l	10	ug/l
34428	N-nitroso-di-n-propylamine	Grab	N	EPA 8270	10	U	ug/l	10	ug/l
34433	N-nitrosodiphenylamine	Grab	N	EPA 8270	10	U	ug/l	10	ug/l
39032	pentachlorophenol	Grab	N	EPA 8270	10	U	ug/l	10	ug/l
34461	phenanthrene	Grab	N	EPA 8270	10	U	ug/l	10	ug/l
34694	phenol	Grab	N	EPA 8270	10	U	ug/l	10	ug/l
34469	pyrene	Grab	N	EPA 8270	20	U	ug/l	20	ug/l
39310	4,4'-DDD	Grab	N	EPA 8081A	0.05	U	ug/l	0.05	ug/l
39365	4,4'-DDE	Grab	N	EPA 8081A	0.05	U	ug/l	0.05	ug/l
39300	4,4'-DDT	Grab	N	EPA 8081A	0.05	U	ug/l	0.05	ug/l
39330	aldrin	Grab	N	EPA 8081A	0.03	U	ug/l	0.03	ug/l

* Detection Limit depends on amount of sample digested/extracted

Well Name E.BLANK Sample Number: 0002-310-01

Storet Code	Parameter	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Results/Units			Detection Limits/Units	
39336	alpha-BHC	Grab	N	EPA 8081A	0.03	U	ug/l	0.03	ug/l
39348	alpha-chlordane	Grab	N	EPA 8081A	0.05	U	ug/l	0.05	ug/l
39338	beta-BHC	Grab	N	EPA 8081A	0.03	U	ug/l	0.03	ug/l
39380	dieldrin	Grab	N	EPA 8081A	0.05	U	ug/l	0.05	ug/l
34361	endosulfan I	Grab	N	EPA 8081A	0.03	U	ug/l	0.03	ug/l
34356	endosulfan II	Grab	N	EPA 8081A	0.05	U	ug/l	0.05	ug/l
34351	endosulfan sulfate	Grab	N	EPA 8081A	0.05	U	ug/l	0.05	ug/l
39390	endrin	Grab	N	EPA 8081A	0.05	U	ug/l	0.05	ug/l
34366	endrin aldehyde	Grab	N	EPA 8081A	0.05	U	ug/l	0.05	ug/l
00951	gamma-BHC	Grab	N	EPA 8081A	0.03	U	ug/l	0.03	ug/l
39340	gamma-BHC	Grab	N	EPA 8081A	0.03	U	ug/l	0.03	ug/l
39810	gamma-chlordane	Grab	N	EPA 8081A	0.05	U	ug/l	0.05	ug/l
46326	heptachlor	Grab	N	EPA 8081A	0.03	U	ug/l	0.03	ug/l
39420	heptachlor epoxide	Grab	N	EPA 8081A	0.03	U	ug/l	0.03	ug/l
39700	hexachlorobenzene	Grab	N	EPA 8081A	0.03	U	ug/l	0.03	ug/l
34386	hexachlorocyclopentadiene	Grab	N	EPA 8081A	0.03	U	ug/l	0.03	ug/l
39430	isodrin	Grab	N	EPA 8081A	0.03	U	ug/l	0.03	ug/l
39480	methoxychlor	Grab	N	EPA 8081A	0.3	U	ug/l	0.3	ug/l
39755	mirex	Grab	N	EPA 8081A	0.05	U	ug/l	0.05	ug/l
39400	toxaphene	Grab	N	EPA 8081A	1	U	ug/l	1	ug/l

* Detection Limit depends on amount of sample digested/extracted

Well Diameter(ft):
Total Depth:
Evacuation (gal):
Sample Appearance:

Elevation (NGVD):
Water Level (ft) :
Ground Water Elevation (NGVD) :

Facility GMS #: 4025630001
Test Site ID #:
Well Name: TB
Classification of Ground Water: GII
Ground Water Elevation (NGVD) :

Sample Number: 0002-310-04
Sample Date/Time: 02/08/2000
Report Period : 00/Q1
Well Purged(Y/N): N
Well Type: Other

Storet Code	Parameter	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Results/Units			Detection Limits/Units	
77562	1,1,1,2-tetrachloroethane	Grab	N	EPA 8260	1	U	ug/l	1	ug/l
34506	1,1,1-trichloroethane	Grab	N	EPA 8260	1	U	ug/l	1	ug/l
34516	1,1,2,2-tetrachloroethane	Grab	N	EPA 8260	0.2	U	ug/l	0.2	ug/l
34511	1,1,2-trichloroethane	Grab	N	EPA 8260	1	U	ug/l	1	ug/l
34496	1,1-dichloroethane	Grab	N	EPA 8260	1	U	ug/l	1	ug/l
34501	1,1-dichloroethene	Grab	N	EPA 8260	1	U	ug/l	1	ug/l
77443	1,2,3-trichloropropane	Grab	N	EPA 8260	1	U	ug/l	1	ug/l
34551	1,2,4-trichlorobenzene	Grab	N	EPA 8260	1	U	ug/l	1	ug/l
38437	1,2-dibromo-3-chloropropane	Grab	N	EPA 8260	2	U	ug/l	2	ug/l
77651	1,2-dibromoethane	Grab	N	EPA 8260	1	U	ug/l	1	ug/l
34536	1,2-dichlorobenzene	Grab	N	EPA 8260	1	U	ug/l	1	ug/l
34531	1,2-dichloroethane	Grab	N	EPA 8260	1	U	ug/l	1	ug/l
34541	1,2-dichloropropane	Grab	N	EPA 8260	1	U	ug/l	1	ug/l
34566	1,3-dichlorobenzene	Grab	N	EPA 8260	1	U	ug/l	1	ug/l
77173	1,3-dichloropropane	Grab	N	EPA 8260	1	U	ug/l	1	ug/l
34571	1,4-dichlorobenzene	Grab	N	EPA 8260	1	U	ug/l	1	ug/l
81582	1,4-dioxane	Grab	N	EPA 8260	100	U	ug/l	100	ug/l
77170	2,2-dichloropropane	Grab	N	EPA 8260	1	U	ug/l	1	ug/l
81595	2-butanone	Grab	N	EPA 8260	5	U	ug/l	5	ug/l
77103	2-hexanone	Grab	N	EPA 8260	5	U	ug/l	5	ug/l
78133	4-methyl-2-pentanone	Grab	N	EPA 8260	5	U	ug/l	5	ug/l
81552	acetone	Grab	N	EPA 8260	5	U	ug/l	5	ug/l
34215	acetonitrile	Grab	N	EPA 8260	1	U	ug/l	1	ug/l
34210	acrolein	Grab	N	EPA 8260	20	U	ug/l	20	ug/l
34215	acrylonitrile	Grab	N	EPA 8260	4	U	ug/l	4	ug/l
82587	allyl chloride	Grab	N	EPA 8260	5	U	ug/l	5	ug/l
78124	benzene	Grab	N	EPA 8260	1	U	ug/l	1	ug/l
73085	bromochloromethane	Grab	N	EPA 8260	1	U	ug/l	1	ug/l
32101	bromodichloromethane	Grab	N	EPA 8260	0.6	U	ug/l	0.6	ug/l
32104	bromoform	Grab	N	EPA 8260	1	U	ug/l	1	ug/l
34413	bromomethane	Grab	N	EPA 8260	1	U	ug/l	1	ug/l
77041	carbon disulfide	Grab	N	EPA 8260	1	U	ug/l	1	ug/l
32102	carbon tetrachloride	Grab	N	EPA 8260	1	U	ug/l	1	ug/l
34301	chlorobenzene	Grab	N	EPA 8260	1	U	ug/l	1	ug/l

* Detection Limit depends on amount of sample digested/extracted

Well Name TB

Sample Number: 0002-310-04

Storet Code	Parameter	Sampling Method	Field Filtered Y/N	Analysis Method	Analysis Results/Units			Detection Limits/Units	
34311	chloroethane	Grab	N	EPA 8260	1	U	ug/l	1	ug/l
32106	chloroform	Grab	N	EPA 8260	1	U	ug/l	1	ug/l
34418	chloromethane	Grab	N	EPA 8260	1	U	ug/l	1	ug/l
81520	chloroprene	Grab	N	EPA 8260	4	U	ug/l	4	ug/l
77093	cis-1,2-dichloroethene	Grab	N	EPA 8260	1	U	ug/l	1	ug/l
34704	cis-1,3-dichloropropene	Grab	N	EPA 8260	1	U	ug/l	1	ug/l
32105	dibromochloromethane	Grab	N	EPA 8260	1	U	ug/l	1	ug/l
30217	dibromomethane	Grab	N	EPA 8260	1	U	ug/l	1	ug/l
34668	Dichlorodifluoromethane	Grab	N	EPA 8260	1	U	ug/l	1	ug/l
73570	ethyl methacrylate	Grab	N	EPA 8260	4	U	ug/l	4	ug/l
34371	ethylbenzene	Grab	N	EPA 8260	1	U	ug/l	1	ug/l
34391	hexachlorobutadiene	Grab	N	EPA 8260	1	U	ug/l	1	ug/l
77424	iodomethane	Grab	N	EPA 8260	1	U	ug/l	1	ug/l
77033	isobutyl alcohol	Grab	N	EPA 8260	40	U	ug/l	40	ug/l
85795	m,p-xylene	Grab	N	EPA 8260	1	U	ug/l	1	ug/l
87593	methacrylonitrile	Grab	N	EPA 8260	4	U	ug/l	4	ug/l
34413	methyl bromide	Grab	N	EPA 8260	1	U	ug/l	1	ug/l
34418	methyl chloride	Grab	N	EPA 8260	1	U	ug/l	1	ug/l
81595	methyl ethyl ketone	Grab	N	EPA 8260	5	U	ug/l	5	ug/l
77424	methyl iodide	Grab	N	EPA 8260	1	U	ug/l	1	ug/l
81597	methyl methacrylate	Grab	N	EPA 8260	4	U	ug/l	4	ug/l
34423	methylene chloride	Grab	N	EPA 8260	1	U	ug/l	1	ug/l
34696	naphthalene	Grab	N	EPA 8260	1	U	ug/l	1	ug/l
77135	o-xylene	Grab	N	EPA 8260	1	U	ug/l	1	ug/l
77007	propionitrile	Grab	N	EPA 8260	5	U	ug/l	5	ug/l
77128	styrene	Grab	N	EPA 8260	1	U	ug/l	1	ug/l
34475	tetrachloroethene	Grab	N	EPA 8260	1	U	ug/l	1	ug/l
78131	toluene	Grab	N	EPA 8260	1	U	ug/l	1	ug/l
34546	trans-1,2-dichloroethene	Grab	N	EPA 8260	1	U	ug/l	1	ug/l
34699	trans-1,3-dichloropropene	Grab	N	EPA 8260	1	U	ug/l	1	ug/l
73547	trans-1,4-dichloro-2-butene	Grab	N	EPA 8260	4	U	ug/l	4	ug/l
39180	trichloroethene	Grab	N	EPA 8260	1	U	ug/l	1	ug/l
34488	trichlorofluoromethane	Grab	N	EPA 8260	1	U	ug/l	1	ug/l
77057	vinyl acetate	Grab	N	EPA 8260	5	U	ug/l	5	ug/l
39175	vinyl chloride	Grab	N	EPA 8260	1	U	ug/l	1	ug/l
81551	xylenes	Grab	N	EPA 8260	1	U	ug/l	1	ug/l

* Detection Limit depends on amount of sample digested/extracted

LABORATORY REPORT

PBS&J Analytical Services

Chemical Testing
Environmental Toxicology
Field Services

Certificate of Analysis

REPORTED DATE: February 28, 2000

To: Greg Mudd
PBS&J Winter Park

1560 Orange Avenue
Winter Park, FL 32789
Phone: (407)647-7275 Fax: 647-8645

Your Project: HARDEE COUNTY LANDFILL

PBS&J Login Number: 0002-310

RECEIVED DATE: 08-FEB-00
PO#: 070862.60 LL2

PBSJ Sample No.	Client Sample ID	Collection date/time	
0002-310-01	E.BLANK	02/08/00	10:15:00
0002-310-02	MW-9	02/08/00	11:05:00
0002-310-03	MW-8	02/08/00	12:00:00
0002-310-04	TB	02/08/00	00:00:00

Thank you for using PBS&J Analytical Services

Greg Mudd

PBS&J Project Manager

RESULTS BY SAMPLE

Reported: February 28, 2000 08:28 AM

SENT TO: *Greg Mudd*
PBS&J Winter Park

1560 Orange Avenue
Winter Park, FL 32789

(407)647-7275 FAX 647-8645

PBS&J Project Manager: *Greg Mudd*

This is to certify that the following samples were analyzed using good laboratory practices to show the following results:

PBS&J Sample No.	Client ID	Date Received	Site	Date & Time Collected
0002-310-1	E.BLANK	02/08/00		02/08/00 10:15:00

Parameter	Results	Qual	Units	Method	MDL	Prepdate	Analyzed	Analyst
Ammonia in Waters				EPA 350.1		02/09/00	02/09/00	LH
ammonia	.02	U	mg/l		.02			
Parameters detemined in the Field								
conductivity	1	<	umhos/cm					
dissolved oxygen	4.35		mg/l					
pH	5.47		units					
salinity	1	<						
turbidity	0		NTU					
temperature	14.7		Deg. C					
Determination of Volatile Organics in Waters by GC/MS				EPA 8260		02/20/00	02/20/00	CG
acetone	5	U	ug/l		5			
acetonitrile	1	U	ug/l		1			
acrolein	20	U	ug/l		20			
acrylonitrile	4	U	ug/l		4			
allyl chloride	5	U	ug/l		5			
benzene	1	U	ug/l		1			
bromochloromethane	1	U	ug/l		1			
bromodichloromethane	.6	U	ug/l		.6			
bromoform	1	U	ug/l		1			
bromomethane	1	U	ug/l		1			
2-butanone	5	U	ug/l		5			
carbon disulfide	1	U	ug/l		1			
carbon tetrachloride	1	U	ug/l		1			

RESULTS BY SAMPLE

PBS&J Sample No.	Client ID	Date Received	Site	Date & Time Collected
0002-310-1	E.BLANK	02/08/00		02/08/00 10:15:00

Parameter	Results	Qual	Units	Method	MDL	Prepdate	Analyzed	Analyst
chlorobenzene	1	U	ug/l		1			
chloroethane	1	U	ug/l		1			
chloroform	1	U	ug/l		1			
chloromethane	1	U	ug/l		1			
chloroprene	4	U	ug/l		4			
dibromochloromethane	1	U	ug/l		1			
1,2-dibromo-3-chloropropane	2	U	ug/l		2			
1,2-dibromoethane	1	U	ug/l		1			
dibromomethane	1	U	ug/l		1			
trans-1,4-dichloro-2-butene	4	U	ug/l		4			
1,2-dichlorobenzene	1	U	ug/l		1			
1,3-dichlorobenzene	1	U	ug/l		1			
1,4-dichlorobenzene	1	U	ug/l		1			
Dichlorodifluoromethane	1	U	ug/l		1			
1,1-dichloroethane	1	U	ug/l		1			
1,2-dichloroethane	1	U	ug/l		1			
1,1-dichloroethene	1	U	ug/l		1			
trans-1,2-dichloroethene	1	U	ug/l		1			
1,2-dichloropropane	1	U	ug/l		1			
1,3-dichloropropane	1	U	ug/l		1			
2,2-dichloropropane	1	U	ug/l		1			
cis-1,3-dichloropropene	1	U	ug/l		1			
trans-1,3-dichloropropene	1	U	ug/l		1			
1,4-dioxane	100	U	ug/l		100			
ethylbenzene	1	U	ug/l		1			
ethyl methacrylate	4	U	ug/l		4			
hexachlorobutadiene	1	U	ug/l		1			
2-hexanone	5	U	ug/l		5			
iodomethane	1	U	ug/l		1			
isobutyl alcohol	40	U	ug/l		40			
methacrylonitrile	4	U	ug/l		4			
methylene chloride	1	U	ug/l		1			
methyl methacrylate	4	U	ug/l		4			

RESULTS BY SAMPLE

PBS&J Sample No.	Client ID	Date Received	Site	Date & Time Collected
0002-310-1	E.BLANK	02/08/00		02/08/00 10:15:00

Parameter	Results	Qual	Units	Method	MDL	Prepdate	Analyzed	Analyst
4-methyl-2-pentanone	5	U	ug/l		5			
naphthalene	1	U	ug/l		1			
propionitrile	5	U	ug/l		5			
styrene	1	U	ug/l		1			
1,1,1,2-tetrachloroethane	1	U	ug/l		1			
1,1,2,2-tetrachloroethane	.2	U	ug/l		.2			
tetrachloroethene	1	U	ug/l		1			
toluene	1	U	ug/l		1			
1,2,4-trichlorobenzene	1	U	ug/l		1			
1,1,1-trichloroethane	1	U	ug/l		1			
1,1,2-trichloroethane	1	U	ug/l		1			
trichloroethene	1	U	ug/l		1			
trichlorofluoromethane	1	U	ug/l		1			
1,2,3-trichloropropane	1	U	ug/l		1			
vinyl acetate	5	U	ug/l		5			
vinyl chloride	1	U	ug/l		1			
o-xylene	1	U	ug/l		1			
m,p-xylene	1	U	ug/l		1			
Surrogate Recoveries				EPA 8260		02/20/00	02/20/00	CG
1,2-Dichloroethane -d4	100		%					
toluene-d8	93		%					
4-bromofluorobenzene	90		%					
Mercury in Waters				EPA 245.1/7470		02/14/00	02/15/00	D
mercury	.2	U	ug/l		.2			
Chloride in Water by Colorimetric				EPA 325.2		02/11/00	02/11/00	AT
chloride	1	U	mg/l		1			
Determination of Organochlorine Pesticides by GC/ECD				EPA 8081A		02/09/00	02/14/00	WJ
hexachlorocyclopentadiene	.03	U	ug/l		.03			
hexachlorobenzene	.03	U	ug/l		.03			
alpha-BHC	.03	U	ug/l		.03			
gamma-BHC	.03	U	ug/l		.03			

RESULTS BY SAMPLE

PBS&J Sample No. 0002-310-1 **Client ID** E.BLANK **Date Received** 02/08/00 **Site** **Date & Time Collected** 02/08/00 10:15:00

Parameter	Results	Qual	Units	Method	MDL	Prepdate	Analyzed	Analyst
beta-BHC	.03	U	ug/l		.03			
delta-BHC	.03	U	ug/l		.03			
heptachlor	.03	U	ug/l		.03			
aldrin	.03	U	ug/l		.03			
isodrin	.03	U	ug/l		.03			
heptachlor epoxide	.03	U	ug/l		.03			
gamma-chlordane	.05	U	ug/l		.05			
alpha-chlordane	.05	U	ug/l		.05			
4,4'-DDE	.05	U	ug/l		.05			
endosulfan I	.03	U	ug/l		.03			
dieldrin	.05	U	ug/l		.05			
endrin	.05	U	ug/l		.05			
4,4'-DDD	.05	U	ug/l		.05			
endosulfan II	.05	U	ug/l		.05			
4,4'-DDT	.05	U	ug/l		.05			
endrin aldehyde	.05	U	ug/l		.05			
methoxychlor	.3	U	ug/l		.3			
mirex	.05	U	ug/l		.05			
endosulfan sulfate	.05	U	ug/l		.05			
endrin ketone	.05	U	ug/l		.05			
toxaphene	1	U	ug/l		1			
Surrogate Recoveries				EPA 8081A		02/09/00	02/14/00	WJ
tetrachloro-m-xylene	78		%					
Decachlorobiphenyl	75		%					
Total Cyanide by in Water by Colorimetric				EPA 335.3		02/10/00	02/14/00	KW
total cyanide	.005	U	mg/l		.005			
EDB, DBCP and 123TCP by GC in Waters				EPA 504.1		02/15/00	02/15/00	RJM
1,2-dibromoethane	.02	U	ug/l		.02			
1,2-dibromo-3-chloropropane	.02	U	ug/l		.02			
Determination of PCBs in Waters by GC/ECD				EPA 8082		02/09/00	02/14/00	WJ
aroclor 1016	.5	U	ug/l		.5			

RESULTS BY SAMPLE

PBS&J Sample No.	Client ID	Date Received	Site	Date & Time Collected
0002-310-1	E.BLANK	02/08/00		02/08/00 10:15:00

Parameter	Results	Qual	Units	Method	MDL	Prepdate	Analyzed	Analyst
aroclor 1221	.5	U	ug/l		.5			
aroclor 1232	.5	U	ug/l		.5			
aroclor 1242	.5	U	ug/l		.5			
aroclor 1248	.5	U	ug/l		.5			
aroclor 1254	.5	U	ug/l		.5			
aroclor 1260	.5	U	ug/l		.5			
Determination of Semivolatile Organic Compounds in Waters by Extraction and Gas Chromatography/Mass Spectrometry				EPA 8270		02/09/00	02/13/00	KB
acenaphthene	10	U	ug/l		10			
acenaphthylene	10	U	ug/l		10			
acetophenone	10	U	ug/l		10			
2-acetylaminofluorene	10	U	ug/l		10			
4-aminobiphenyl	50	U	ug/l		50			
anthracene	10	U	ug/l		10			
benz[a]anthracene	10	U	ug/l		10			
benzo[b]fluoranthene	10	U	ug/l		10			
benzo[k]fluoranthene	10	U	ug/l		10			
Benzo[ghi]perylene	10	U	ug/l		10			
benzo[a]pyrene	10	U	ug/l		10			
benzyl alcohol	10	U	ug/l		10			
bis(2-chloroethoxy)methane	10	U	ug/l		10			
bis(2-chloroethyl) ether	10	U	ug/l		10			
bis(2-chloroisopropyl) ether	10	U	ug/l		10			
bis(2-ethylhexyl)phthalate	10	U	ug/l		10			
4-bromophenyl phenyl ether	10	U	ug/l		10			
butyl benzyl phthalate	10	U	ug/l		10			
4-chloroaniline	30	U	ug/l		30			
chlorobenzilate	10	U	ug/l		10			
4-chloro-3-methylphenol	10	U	ug/l		10			
2-chloronaphthalene	10	U	ug/l		10			

RESULTS BY SAMPLE

PBS&J Sample No.	Client ID	Date Received	Site	Date & Time Collected
0002-310-1	E.BLANK	02/08/00		02/08/00 10:15:00

Parameter	Results	Qual	Units	Method	MDL	Prepdate	Analyzed	Analyst
2-chlorophenol	10	U	ug/l		10			
4-chlorophenyl phenyl ether	10	U	ug/l		10			
chrysene	10	U	ug/l		10			
diallate	10	U	ug/l		10			
dibenz[a,h]anthracene	10	U	ug/l		10			
dibenzofuran	10	U	ug/l		10			
di-n-butyl phthalate	10	U	ug/l		10			
1,2-dichlorobenzene	10	U	ug/l		10			
1,3-dichlorobenzene	10	U	ug/l		10			
1,4-dichlorobenzene	10	U	ug/l		10			
3,3'-dichlorobenzidine	100	U	ug/l		100			
2,4-dichlorophenol	10	U	ug/l		10			
2,6-dichlorophenol	10	U	ug/l		10			
diethyl phthalate	10	U	ug/l		10			
dimethylaminoazobenzene	10	U	ug/l		10			
7,12-dimethylbenz[a]anthracene	80	U	ug/l		80			
3,3'-dimethylbenzidine	200	U	ug/l		200			
dimethyl phthalate	10	U	ug/l		10			
1,3-dinitrobenzene	10	U	ug/l		10			
4,6-dinitro-2-methylphenol	50	U	ug/l		50			
2,4-dinitrophenol	50	U	ug/l		50			
2,4-dinitrotoluene	10	U	ug/l		10			
2,6-dinitrotoluene	10	U	ug/l		10			
diphenylamine	15	U	ug/l		15			
di-n-octyl phthalate	10	U	ug/l		10			
ethyl methanesulfonate	20	U	ug/l		20			
famphur	20	U	ug/l		20			
fluoranthene	10	U	ug/l		10			
fluorene	10	U	ug/l		10			
hexachlorobenzene	10	U	ug/l		10			
hexachlorobutadiene	10	U	ug/l		10			
hexachlorocyclopentadiene	20	U	ug/l		20			

RESULTS BY SAMPLE

PBS&J Sample No.	Client ID	Date Received	Site	Date & Time Collected
0002-310-1	E.BLANK	02/08/00		02/08/00 10:15:00

Parameter	Results	Qual	Units	Method	MDL	Prepdate	Analyzed	Analyst
hexachloroethane	10	U	ug/l		10			
hexachloropropene	10	U	ug/l		10			
indeno[1,2,3-cd]pyrene	10	U	ug/l		10			
isodrin	10	U	ug/l		10			
isophorone	10	U	ug/l		10			
isosafrole	10	U	ug/l		10			
kepone	10	U	ug/l		10			
methapyrilene	2000	U	ug/l		2000			
3-methylcholanthrene	10	U	ug/l		10			
methyl methanesulfonate	10	U	ug/l		10			
2-methylnaphthalene	10	U	ug/l		10			
2-methylphenol	10	U	ug/l		10			
3-methylphenol	10	U	ug/l		10			
4-methylphenol	10	U	ug/l		10			
(3+4)-methylphenol	10	U	ug/l		10			
naphthalene	10	U	ug/l		10			
1,4-naphthoquinone	10	U	ug/l		10			
1-naphthylamine	10	U	ug/l		10			
2-naphthylamine	10	U	ug/l		10			
2-nitroaniline	10	U	ug/l		10			
3-nitroaniline	50	U	ug/l		50			
4-nitroaniline	10	U	ug/l		10			
nitrobenzene	10	U	ug/l		10			
2-nitrophenol	10	U	ug/l		10			
4-nitrophenol	10	U	ug/l		10			
5-nitro-o-toluidine	10	U	ug/l		10			
N-nitroso-di-n-butylamine	10	U	ug/l		10			
N-nitrosodiethylamine	10	U	ug/l		10			
N-nitrosodimethylamine	10	U	ug/l		10			
N-nitrosomethylethylamine	130	U	ug/l		130			
N-nitrosodiphenylamine	10	U	ug/l		10			
N-nitroso-di-n-propylamine	10	U	ug/l		10			
N-nitrosopiperidine	10	U	ug/l		10			

RESULTS BY SAMPLE

PBS&J Sample No. 0002-310-1 | Client ID E.BLANK | Date Received 02/08/00 | Site | Date & Time Collected 02/08/00 10:15:00

Parameter	Results	Qual	Units	Method	MDL	Prepdate	Analyzed	Analyst
N-nitrosopyrrolidine	10	U	ug/l		10			
pentachlorobenzene	10	U	ug/l		10			
pentachloronitrobenzene	10	U	ug/l		10			
pentachlorophenol	10	U	ug/l		10			
phenacetin	10	U	ug/l		10			
phenanthrene	10	U	ug/l		10			
phenol	10	U	ug/l		10			
1,4-phenylenediamine	2000	U	ug/l		2000			
pronamide	10	U	ug/l		10			
pyrene	20	U	ug/l		20			
safrole	10	U	ug/l		10			
1,2,4,5-tetrachlorobenzene	10	U	ug/l		10			
2,3,4,6-tetrachlorophenol	50	U	ug/l		50			
o-toluidine	10	U	ug/l		10			
1,2,4-trichlorobenzene	10	U	ug/l		10			
2,4,5-trichlorophenol	10	U	ug/l		10			
2,4,6-trichlorophenol	10	U	ug/l		10			
1,3,5-trinitrobenzene	200	U	ug/l		200			
O,O',O''-triethyl phosphorothioate	10	U	ug/l		10			
Surrogate Recoveries				EPA 8270		02/09/00	02/13/00	KB
2-fluorophenol	55		%					
2-fluorobiphenyl	58		%					
nitrobenzene-d5	62		%					
phenol-d5	50		%					
terphenyl-d14	80		%					
2,4,6-tribromophenol	66		%					
Metals in Waters by ICAP				EPA 6010		02/10/00	02/14/00	DM
antimony	.005	U	mg/l		.005			
arsenic	.005	U	mg/l		.005			
barium	.001	U	mg/l		.001			
beryllium	.001	U	mg/l		.001			
cadmium	.001	U	mg/l		.001			

RESULTS BY SAMPLE

PBS&J Sample No.	Client ID	Date Received	Site	Date & Time Collected
0002-310-1	E.BLANK	02/08/00		02/08/00 10:15:00

Parameter	Results	Qual	Units	Method	MDL	Prepdate	Analyzed	Analyst
chromium	.001	U	mg/l		.001			
cobalt	.005	U	mg/l		.005			
copper	.005	U	mg/l		.005			
iron	.04	U	mg/l		.04			
lead	.004	U	mg/l		.004			
nickel	.005	U	mg/l		.005			
selenium	.005	U	mg/l		.005			
silver	.005	U	mg/l		.005			
sodium	.2	U	mg/l		.2			
thallium	.002	U	mg/l		.002			
vanadium	.005	U	mg/l		.005			
zinc	.025	U	mg/l		.025			
tin	.005	U	mg/l		.005			
40 CFR Part 258 Appendix I VOCs				EPA 8260		02/20/00	02/20/00	CG
acetone	5	U	ug/l		5			
acrylonitrile	4	U	ug/l		4			
benzene	1	U	ug/l		1			
bromochloromethane	1	U	ug/l		1			
bromodichloromethane	.6	U	ug/l		.6			
bromoform	1	U	ug/l		1			
carbon disulfide	1	U	ug/l		1			
carbon tetrachloride	1	U	ug/l		1			
chlorobenzene	1	U	ug/l		1			
chloroethane	1	U	ug/l		1			
chloroform	1	U	ug/l		1			
dibromochloromethane	1	U	ug/l		1			
1,2-dichlorobenzene	1	U	ug/l		1			
1,4-dichlorobenzene	1	U	ug/l		1			
trans-1,4-dichloro-2-butene	4	U	ug/l		4			
1,1-dichloroethane	1	U	ug/l		1			
1,2-dichloroethane	1	U	ug/l		1			
1,1-dichloroethene	1	U	ug/l		1			

RESULTS BY SAMPLE

PBS&J Sample No.	Client ID	Date Received	Site	Date & Time Collected
0002-310-1	E.BLANK	02/08/00		02/08/00 10:15:00

Parameter	Results	Qual	Units	Method	MDL	Prepdate	Analyzed	Analyst
cis-1,2-dichloroethene	1	U	ug/l		1			
trans-1,2-dichloroethene	1	U	ug/l		1			
1,2-dichloropropane	1	U	ug/l		1			
cis-1,3-dichloropropene	1	U	ug/l		1			
trans-1,3-dichloropropene	1	U	ug/l		1			
ethylbenzene	1	U	ug/l		1			
2-hexanone	5	U	ug/l		5			
methyl bromide	1	U	ug/l		1			
methyl chloride	1	U	ug/l		1			
methylene chloride	1	U	ug/l		1			
methyl ethyl ketone	5	U	ug/l		5			
methyl iodide	1	U	ug/l		1			
4-methyl-2-pentanone	5	U	ug/l		5			
styrene	1	U	ug/l		1			
1,1,1,2-tetrachloroethane	1	U	ug/l		1			
1,1,2,2-tetrachloroethane	.2	U	ug/l		.2			
tetrachloroethene	1	U	ug/l		1			
toluene	1	U	ug/l		1			
1,1,1-trichloroethane	1	U	ug/l		1			
1,1,2-trichloroethane	1	U	ug/l		1			
trichloroethene	1	U	ug/l		1			
trichlorofluoromethane	1	U	ug/l		1			
1,2,3-trichloropropane	1	U	ug/l		1			
vinyl acetate	5	U	ug/l		5			
vinyl chloride	1	U	ug/l		1			
xylenes	1	U	ug/l		1			
Surrogate Recoveries				EPA 8260		02/20/00	02/20/00	CG
1,2-dichloroethane-d4	100		%					
toluene-d8	93		%					
4-bromofluorobenzene	90		%					
Nitrate in Water by Colorimetry				EPA 353.2		02/09/00	02/09/00	KW
nitrate	.01	U	mg/l		.01			

RESULTS BY SAMPLE

PBS&J Sample No. 0002-310-1 **Client ID** E.BLANK **Date Received** 02/08/00 **Site** **Date & Time Collected** 02/08/00 10:15:00

Parameter	Results	Qual	Units	Method	MDL	Prepdate	Analyzed	Analyst
Determination of Sulfide in water				EPA 9030A			02/15/00	AT
sulfide	.04	U	mg/l		.04			
Determination of Total Dissolved Solids in Waters				EPA 160.1			02/11/00	VLM
total dissolved solids	10	U	mg/l		10			
Organophosphorous Pesticides in Waters				EPA 8141		02/09/00	02/10/00	HW
dimethoate	5	U	ug/l		5			
disulfoton	5	U	ug/l		5			
ethyl parathion	5	U	ug/l		5			
methyl parathion	15	U	ug/l		15			
phorate	15	U	ug/l		15			
thionazin	5	U	ug/l		5			
Herbicides in Water by GC/ECD				EPA 8151		02/10/00	02/17/00	RP
2,4-D	1	U	ug/l		1			
2,4,5-TP	1	U	ug/l		1			
2,4,5-T	1	U	ug/l		1			
dinoseb	2	U	ug/l		2			
Surrogate Recovery				EPA 8151	1	02/10/00	02/17/00	RP
2,4-dichlorophenylacetic acid	62		%		1			

PBS&J Sample No. 0002-310-2 **Client ID** MW-9 **Date Received** 02/08/00 **Site** **Date & Time Collected** 02/08/00 11:05:00

Parameter	Results	Qual	Units	Method	MDL	Prepdate	Analyzed	Analyst
Ammonia in Waters				EPA 350.1		02/09/00	02/09/00	LH
ammonia	6.4		mg/l		.02			
Parameters detemined in the Field								
conductivity	294		umhos/cm					
dissolved oxygen	1.35		mg/l					
pH	4.89		units					
salinity	.01							
turbidity	4		NTU					
temperature	20.5		Deg. C					

RESULTS BY SAMPLE

PBS&J Sample No.	Client ID	Date Received	Site	Date & Time Collected
0002-310-2	MW-9	02/08/00		02/08/00 11:05:00

Parameter	Results	Qual	Units	Method	MDL	Prepdate	Analyzed	Analyst
Determination of Volatile Organics in Waters by GC/MS				EPA 8260		02/20/00	02/20/00	CG
acetone	5	U	ug/l		5			
acetonitrile	1	U	ug/l		1			
acrolein	20	U	ug/l		20			
acrylonitrile	4	U	ug/l		4			
allyl chloride	5	U	ug/l		5			
benzene	1	U	ug/l		1			
bromochloromethane	1	U	ug/l		1			
bromodichloromethane	.6	U	ug/l		.6			
bromoform	1	U	ug/l		1			
bromomethane	1	U	ug/l		1			
2-butanone	5	U	ug/l		5			
carbon disulfide	1	U	ug/l		1			
carbon tetrachloride	1	U	ug/l		1			
chlorobenzene	1	U	ug/l		1			
chloroethane	1	U	ug/l		1			
chloroform	1	U	ug/l		1			
chloromethane	1	U	ug/l		1			
chloroprene	4	U	ug/l		4			
dibromochloromethane	1	U	ug/l		1			
1,2-dibromo-3-chloropropane	2	U	ug/l		2			
1,2-dibromoethane	1	U	ug/l		1			
dibromomethane	1	U	ug/l		1			
trans-1,4-dichloro-2-butene	4	U	ug/l		4			
1,2-dichlorobenzene	1	U	ug/l		1			
1,3-dichlorobenzene	1	U	ug/l		1			
1,4-dichlorobenzene	1	U	ug/l		1			
Dichlorodifluoromethane	1	U	ug/l		1			
1,1-dichloroethane	1	U	ug/l		1			
1,2-dichloroethane	1	U	ug/l		1			
1,1-dichloroethene	1	U	ug/l		1			
trans-1,2-dichloroethene	1	U	ug/l		1			

RESULTS BY SAMPLE

PBS&J Sample No.	Client ID	Date Received	Site	Date & Time Collected
0002-310-2	MW-9	02/08/00		02/08/00 11:05:00

Parameter	Results	Qual	Units	Method	MDL	Prepdate	Analyzed	Analyst
1,2-dichloropropane	1	U	ug/l		1			
1,3-dichloropropane	1	U	ug/l		1			
2,2-dichloropropane	1	U	ug/l		1			
cis-1,3-dichloropropene	1	U	ug/l		1			
trans-1,3-dichloropropene	1	U	ug/l		1			
1,4-dioxane	100	U	ug/l		100			
ethylbenzene	1	U	ug/l		1			
ethyl methacrylate	4	U	ug/l		4			
hexachlorobutadiene	1	U	ug/l		1			
2-hexanone	5	U	ug/l		5			
iodomethane	1	U	ug/l		1			
isobutyl alcohol	40	U	ug/l		40			
methacrylonitrile	4	U	ug/l		4			
methylene chloride	1	U	ug/l		1			
methyl methacrylate	4	U	ug/l		4			
4-methyl-2-pentanone	5	U	ug/l		5			
naphthalene	1	U	ug/l		1			
propionitrile	5	U	ug/l		5			
styrene	1	U	ug/l		1			
1,1,1,2-tetrachloroethane	1	U	ug/l		1			
1,1,2,2-tetrachloroethane	.2	U	ug/l		.2			
tetrachloroethene	1	U	ug/l		1			
toluene	1	U	ug/l		1			
1,2,4-trichlorobenzene	1	U	ug/l		1			
1,1,1-trichloroethane	1	U	ug/l		1			
1,1,2-trichloroethane	1	U	ug/l		1			
trichloroethene	1	U	ug/l		1			
trichlorofluoromethane	1	U	ug/l		1			
1,2,3-trichloropropane	1	U	ug/l		1			
vinyl acetate	5	U	ug/l		5			
vinyl chloride	1	U	ug/l		1			
o-xylene	1	U	ug/l		1			
m,p-xylene	1	U	ug/l		1			

RESULTS BY SAMPLE

Reported: February 28, 2000 08:28 AM

PBS&J Sample No.	Client ID	Date Received	Site	Date & Time Collected
0002-310-2	MW-9	02/08/00		02/08/00 11:05:00

Parameter	Results	Qual	Units	Method	MDL	Prepdate	Analyzed	Analyst
Surrogate Recoveries				EPA 8260		02/20/00	02/20/00	CG
1,2-Dichloroethane -d4	99		%					
toluene-d8	93		%					
4-bromofluorobenzene	91		%					
Mercury in Waters				EPA 245.1/7470		02/14/00	02/15/00	D
mercury	.3	I	ug/l		.2			
Chloride in Water by Colorimetric				EPA 325.2		02/11/00	02/11/00	AT
chloride	88		mg/l		1			
Determination of Organochlorine Pesticides by GC/ECD				EPA 8081A		02/09/00	02/14/00	WJ
hexachlorocyclopentadiene	.03	U	ug/l		.03			
hexachlorobenzene	.03	U	ug/l		.03			
alpha-BHC	.03	U	ug/l		.03			
gamma-BHC	.03	U	ug/l		.03			
beta-BHC	.03	U	ug/l		.03			
delta-BHC	.03	U	ug/l		.03			
heptachlor	.03	U	ug/l		.03			
aldrin	.03	U	ug/l		.03			
isodrin	.03	U	ug/l		.03			
heptachlor epoxide	.03	U	ug/l		.03			
gamma-chlordane	.05	U	ug/l		.05			
alpha-chlordane	.05	U	ug/l		.05			
4,4'-DDE	.05	U	ug/l		.05			
endosulfan I	.03	U	ug/l		.03			
dieldrin	.05	U	ug/l		.05			
endrin	.05	U	ug/l		.05			
4,4'-DDD	.05	U	ug/l		.05			
endosulfan II	.05	U	ug/l		.05			
4,4'-DDT	.05	U	ug/l		.05			
endrin aldehyde	.05	U	ug/l		.05			
methoxychlor	.3	U	ug/l		.3			
mirex	.05	U	ug/l		.05			

RESULTS BY SAMPLE

Reported: February 28, 2000 08:28 AM

PBS&J Sample No.	Client ID	Date Received	Site	Date & Time Collected
0002-310-2	MW-9	02/08/00		02/08/00 11:05:00

Parameter	Results	Qual	Units	Method	MDL	Prepdate	Analyzed	Analyst
endosulfan sulfate	.05	U	ug/l		.05			
endrin ketone	.05	U	ug/l		.05			
toxaphene	1	U	ug/l		1			
Surrogate Recoveries				EPA 8081A		02/09/00	02/14/00	WJ
tetrachloro-m-xylene	62		%					
Decachlorobiphenyl	33		%					
Total Cyanide by in Water by Colorimetric				EPA 335.3		02/10/00	02/14/00	KW
total cyanide	.005	U	mg/l		.005			
EDB, DBCP and 123TCP by GC in Waters				EPA 504.1		02/15/00	02/15/00	RJM
1,2-dibromoethane	.02	U	ug/l		.02			
1,2-dibromo-3-chloropropane	.02	U	ug/l		.02			
Determination of PCBs in Waters by GC/ECD				EPA 8082		02/09/00	02/14/00	WJ
aroclor 1016	.5	U	ug/l		.5			
aroclor 1221	.5	U	ug/l		.5			
aroclor 1232	.5	U	ug/l		.5			
aroclor 1242	.5	U	ug/l		.5			
aroclor 1248	.5	U	ug/l		.5			
aroclor 1254	.5	U	ug/l		.5			
aroclor 1260	.5	U	ug/l		.5			
Determination of Semivolatile Organic Compounds in Waters by Extraction and Gas Chromatography/Mass Spectrometry				EPA 8270		02/09/00	02/13/00	KB
acenaphthene	10	U	ug/l		10			
acenaphthylene	10	U	ug/l		10			
acetophenone	10	U	ug/l		10			
2-acetylaminofluorene	10	U	ug/l		10			
4-aminobiphenyl	50	U	ug/l		50			
anthracene	10	U	ug/l		10			
benz[a]anthracene	10	U	ug/l		10			
benzo[b]fluoranthene	10	U	ug/l		10			

RESULTS BY SAMPLE

PBS&J Sample No.	Client ID	Date Received	Site	Date & Time Collected
0002-310-2	MW-9	02/08/00		02/08/00 11:05:00

Parameter	Results	Qual	Units	Method	MDL	Prepdate	Analyzed	Analyst
benzo[k]fluoranthene	10	U	ug/l		10			
Benzo[ghi]perylene	10	U	ug/l		10			
benzo[a]pyrene	10	U	ug/l		10			
benzyl alcohol	10	U	ug/l		10			
bis(2-chloroethoxy)methane	10	U	ug/l		10			
bis(2-chloroethyl) ether	10	U	ug/l		10			
bis(2-chloroisopropyl) ether	10	U	ug/l		10			
bis(2-ethylhexyl)phthalate	10	U	ug/l		10			
4-bromophenyl phenyl ether	10	U	ug/l		10			
butyl benzyl phthalate	10	U	ug/l		10			
4-chloroaniline	30	U	ug/l		30			
chlorobenzilate	10	U	ug/l		10			
4-chloro-3-methylphenol	10	U	ug/l		10			
2-chloronaphthalene	10	U	ug/l		10			
2-chlorophenol	10	U	ug/l		10			
4-chlorophenyl phenyl ether	10	U	ug/l		10			
chrysene	10	U	ug/l		10			
diallate	10	U	ug/l		10			
dibenz[a,h]anthracene	10	U	ug/l		10			
dibenzofuran	10	U	ug/l		10			
di-n-butyl phthalate	10	U	ug/l		10			
1,2-dichlorobenzene	10	U	ug/l		10			
1,3-dichlorobenzene	10	U	ug/l		10			
1,4-dichlorobenzene	10	U	ug/l		10			
3,3'-dichlorobenzidine	100	U	ug/l		100			
2,4-dichlorophenol	10	U	ug/l		10			
2,6-dichlorophenol	10	U	ug/l		10			
diethyl phthalate	10	U	ug/l		10			
dimethylaminoazobenzene	10	U	ug/l		10			
7,12-dimethylbenz[a]anthracene	80	U	ug/l		80			
3,3'-dimethylbenzidine	200	U	ug/l		200			
dimethyl phthalate	10	U	ug/l		10			

RESULTS BY SAMPLE

PBS&J Sample No.	Client ID	Date Received	Site	Date & Time Collected
0002-310-2	MW-9	02/08/00		02/08/00 11:05:00

Parameter	Results	Qual	Units	Method	MDL	Prepdate	Analyzed	Analyst
1,3-dinitrobenzene	10	U	ug/l		10			
4,6-dinitro-2-methylphenol	50	U	ug/l		50			
2,4-dinitrophenol	50	U	ug/l		50			
2,4-dinitrotoluene	10	U	ug/l		10			
2,6-dinitrotoluene	10	U	ug/l		10			
diphenylamine	15	U	ug/l		15			
di-n-octyl phthalate	10	U	ug/l		10			
ethyl methanesulfonate	20	U	ug/l		20			
famphur	20	U	ug/l		20			
fluoranthene	10	U	ug/l		10			
fluorene	10	U	ug/l		10			
hexachlorobenzene	10	U	ug/l		10			
hexachlorobutadiene	10	U	ug/l		10			
hexachlorocyclopentadiene	20	U	ug/l		20			
hexachloroethane	10	U	ug/l		10			
hexachloropropene	10	U	ug/l		10			
indeno[1,2,3-cd]pyrene	10	U	ug/l		10			
isodrin	10	U	ug/l		10			
isophorone	10	U	ug/l		10			
isosafrole	10	U	ug/l		10			
kepone	10	U	ug/l		10			
methapyrilene	2000	U	ug/l		2000			
3-methylcholanthrene	10	U	ug/l		10			
methyl methanesulfonate	10	U	ug/l		10			
2-methylnaphthalene	10	U	ug/l		10			
2-methylphenol	10	U	ug/l		10			
3-methylphenol	10	U	ug/l		10			
4-methylphenol	10	U	ug/l		10			
(3+4)-methylphenol	10	U	ug/l		10			
naphthalene	10	U	ug/l		10			
1,4-naphthoquinone	10	U	ug/l		10			
1-naphthylamine	10	U	ug/l		10			
2-naphthylamine	10	U	ug/l		10			

RESULTS BY SAMPLE

PBS&J Sample No.	Client ID	Date Received	Site	Date & Time Collected
0002-310-2	MW-9	02/08/00		02/08/00 11:05:00

Parameter	Results	Qual	Units	Method	MDL	Prepdate	Analyzed	Analyst
2-nitroaniline	10	U	ug/l		10			
3-nitroaniline	50	U	ug/l		50			
4-nitroaniline	10	U	ug/l		10			
nitrobenzene	10	U	ug/l		10			
2-nitrophenol	10	U	ug/l		10			
4-nitrophenol	10	U	ug/l		10			
5-nitro-o-toluidine	10	U	ug/l		10			
N-nitroso-di-n-butylamine	10	U	ug/l		10			
N-nitrosodiethylamine	10	U	ug/l		10			
N-nitrosodimethylamine	10	U	ug/l		10			
N-nitrosomethylethylamine	130	U	ug/l		130			
N-nitrosodiphenylamine	10	U	ug/l		10			
N-nitroso-di-n-propylamine	10	U	ug/l		10			
N-nitrosopiperidine	10	U	ug/l		10			
N-nitrosopyrrolidine	10	U	ug/l		10			
pentachlorobenzene	10	U	ug/l		10			
pentachloronitrobenzene	10	U	ug/l		10			
pentachlorophenol	10	U	ug/l		10			
phenacetin	10	U	ug/l		10			
phenanthrene	10	U	ug/l		10			
phenol	10	U	ug/l		10			
1,4-phenylenediamine	2000	U	ug/l		2000			
pronamide	10	U	ug/l		10			
pyrene	20	U	ug/l		20			
safrole	10	U	ug/l		10			
1,2,4,5-tetrachlorobenzene	10	U	ug/l		10			
2,3,4,6-tetrachlorophenol	50	U	ug/l		50			
o-toluidine	10	U	ug/l		10			
1,2,4-trichlorobenzene	10	U	ug/l		10			
2,4,5-trichlorophenol	10	U	ug/l		10			
2,4,6-trichlorophenol	10	U	ug/l		10			
1,3,5-trinitrobenzene	200	U	ug/l		200			
O,O',O''-triethyl	10	U	ug/l		10			

RESULTS BY SAMPLE

PBS&J Sample No.	Client ID	Date Received	Site	Date & Time Collected
0002-310-2	MW-9	02/08/00		02/08/00 11:05:00

Parameter	Results	Qual	Units	Method	MDL	Prepdate	Analyzed	Analyst
phosphorothioate								
Surrogate Recoveries				EPA 8270		02/09/00	02/13/00	KB
2-fluorophenol	63		%					
2-fluorobiphenyl	70		%					
nitrobenzene-d5	70		%					
phenol-d5	52		%					
terphenyl-d14	81		%					
2,4,6-tribromophenol	70		%					
Metals in Waters by ICAP				EPA 6010		02/10/00	02/14/00	DM
antimony	.005	U	mg/l		.005			
arsenic	.009	I	mg/l		.005			
barium	.415		mg/l		.001			
beryllium	.001	U	mg/l		.001			
cadmium	.001	U	mg/l		.001			
chromium	.031		mg/l		.001			
cobalt	.005	U	mg/l		.005			
copper	.005	U	mg/l		.005			
iron	4.67		mg/l		.04			
lead	.016	I	mg/l		.004			
nickel	.009	I	mg/l		.005			
selenium	.005	U	mg/l		.005			
silver	.005	U	mg/l		.005			
sodium	37.3		mg/l		.2			
thallium	.002	U	mg/l		.002			
vanadium	.027		mg/l		.005			
zinc	.025	U	mg/l		.025			
tin	.005	U	mg/l		.005			
40 CFR Part 258 Appendix I VOCs				EPA 8260		02/20/00	02/20/00	CG
acetone	5	U	ug/l		5			
acrylonitrile	4	U	ug/l		4			
benzene	1	U	ug/l		1			
bromochloromethane	1	U	ug/l		1			

PBS&J Sample No. 0002-310-2 | Client ID MW-9 | Date Received 02/08/00 | Site | Date & Time Collected 02/08/00 11:05:00

Parameter	Results	Qual	Units	Method	MDL	Prepdate	Analyzed	Analyst
bromodichloromethane	.6	U	ug/l		.6			
bromoform	1	U	ug/l		1			
carbon disulfide	1	U	ug/l		1			
carbon tetrachloride	1	U	ug/l		1			
chlorobenzene	1	U	ug/l		1			
chloroethane	1	U	ug/l		1			
chloroform	1	U	ug/l		1			
dibromochloromethane	1	U	ug/l		1			
1,2-dichlorobenzene	1	U	ug/l		1			
1,4-dichlorobenzene	1	U	ug/l		1			
trans-1,4-dichloro-2-butene	4	U	ug/l		4			
1,1-dichloroethane	1	U	ug/l		1			
1,2-dichloroethane	1	U	ug/l		1			
1,1-dichloroethene	1	U	ug/l		1			
cis-1,2-dichloroethene	1	U	ug/l		1			
trans-1,2-dichloroethene	1	U	ug/l		1			
1,2-dichloropropane	1	U	ug/l		1			
cis-1,3-dichloropropene	1	U	ug/l		1			
trans-1,3-dichloropropene	1	U	ug/l		1			
ethylbenzene	1	U	ug/l		1			
2-hexanone	5	U	ug/l		5			
methyl bromide	1	U	ug/l		1			
methyl chloride	1	U	ug/l		1			
methylene chloride	1	U	ug/l		1			
methyl ethyl ketone	5	U	ug/l		5			
methyl iodide	1	U	ug/l		1			
4-methyl-2-pentanone	5	U	ug/l		5			
styrene	1	U	ug/l		1			
1,1,1,2-tetrachloroethane	1	U	ug/l		1			
1,1,2,2-tetrachloroethane	.2	U	ug/l		.2			
tetrachloroethene	1	U	ug/l		1			
toluene	1	U	ug/l		1			
1,1,1-trichloroethane	1	U	ug/l		1			

RESULTS BY SAMPLE

PBS&J Sample No.	Client ID	Date Received	Site	Date & Time Collected
0002-310-2	MW-9	02/08/00		02/08/00 11:05:00

Parameter	Results	Qual	Units	Method	MDL	Prepdate	Analyzed	Analyst
1,1,2-trichloroethane	1	U	ug/l		1			
trichloroethene	1	U	ug/l		1			
trichlorofluoromethane	1	U	ug/l		1			
1,2,3-trichloropropane	1	U	ug/l		1			
vinyl acetate	5	U	ug/l		5			
vinyl chloride	1	U	ug/l		1			
xylenes	1	U	ug/l		1			
Surrogate Recoveries				EPA 8260		02/20/00	02/20/00	CG
1,2-dichloroethane-d4	99		%					
toluene-d8	93		%					
4-bromofluorobenzene	91		%					
Nitrate in Water by Colorimetry				EPA 353.2		02/09/00	02/09/00	KW
nitrate	.02	I	mg/l		.01			
Determination of Sulfide in water				EPA 9030A			02/15/00	AT
sulfide	.04	U	mg/l		.04			
Determination of Total Dissolved Solids in Waters				EPA 160.1			02/11/00	VLM
total dissolved solids	180		mg/l		10			
Organophosphorous Pesticides in Waters				EPA 8141		02/09/00	02/10/00	HW
dimethoate	5	U	ug/l		5			
disulfoton	5	U	ug/l		5			
ethyl parathion	5	U	ug/l		5			
methyl parathion	15	U	ug/l		15			
phorate	15	U	ug/l		15			
thionazin	5	U	ug/l		5			
Herbicides in Water by GC/ECD				EPA 8151		02/10/00	02/17/00	RP
2,4-D	1	U	ug/l		1			
2,4,5-TP	1	U	ug/l		1			
2,4,5-T	1	U	ug/l		1			
dinoseb	2	U	ug/l		2			
Surrogate Recovery				EPA 8151	1	02/10/00	02/17/00	RP

RESULTS BY SAMPLE

PBS&J Sample No. 0002-310-2 **Client ID** MW-9 **Date Received** 02/08/00 **Site** **Date & Time Collected** 02/08/00 11:05:00

Parameter	Results	Qual	Units	Method	MDL	Prepdate	Analyzed	Analyst
2,4-dichlorophenylacetic acid	62		%		1			

PBS&J Sample No. 0002-310-3 **Client ID** MW-8 **Date Received** 02/08/00 **Site** **Date & Time Collected** 02/08/00 12:00:00

Parameter	Results	Qual	Units	Method	MDL	Prepdate	Analyzed	Analyst
Ammonia in Waters				EPA 350.1		02/09/00	02/09/00	LH
ammonia	.06		mg/l		.02			
Parameters detemined in the Field								
conductivity	146		umhos/cm					
dissolved oxygen	1.42		mg/l					
pH	5.52		units					
salinity	1	<						
turbidity	33		NTU					
temperature	20.5		Deg. C					
Determination of Volatile Organics in Waters by GC/MS				EPA 8260		02/20/00	02/20/00	CG
acetone	5	U	ug/l		5			
acetonitrile	1	U	ug/l		1			
acrolein	20	U	ug/l		20			
acrylonitrile	4	U	ug/l		4			
allyl chloride	5	U	ug/l		5			
benzene	1	U	ug/l		1			
bromochloromethane	1	U	ug/l		1			
bromodichloromethane	.6	U	ug/l		.6			
bromoform	1	U	ug/l		1			
bromomethane	1	U	ug/l		1			
2-butanone	5	U	ug/l		5			
carbon disulfide	1	U	ug/l		1			
carbon tetrachloride	1	U	ug/l		1			
chlorobenzene	1	U	ug/l		1			
chloroethane	1	U	ug/l		1			
chloroform	1	U	ug/l		1			
chloromethane	1	U	ug/l		1			

RESULTS BY SAMPLE

PBS&J Sample No.	Client ID	Date Received	Site	Date & Time Collected
0002-310-3	MW-8	02/08/00		02/08/00 12:00:00

Parameter	Results	Qual	Units	Method	MDL	Prepdate	Analyzed	Analyst
chloroprene	4	U	ug/l		4			
dibromochloromethane	1	U	ug/l		1			
1,2-dibromo-3-chloropropane	2	U	ug/l		2			
1,2-dibromoethane	1	U	ug/l		1			
dibromomethane	1	U	ug/l		1			
trans-1,4-dichloro-2-butene	4	U	ug/l		4			
1,2-dichlorobenzene	1	U	ug/l		1			
1,3-dichlorobenzene	1	U	ug/l		1			
1,4-dichlorobenzene	1	U	ug/l		1			
Dichlorodifluoromethane	1	U	ug/l		1			
1,1-dichloroethane	1	U	ug/l		1			
1,2-dichloroethane	1	U	ug/l		1			
1,1-dichloroethene	1	U	ug/l		1			
trans-1,2-dichloroethene	1	U	ug/l		1			
1,2-dichloropropane	1	U	ug/l		1			
1,3-dichloropropane	1	U	ug/l		1			
2,2-dichloropropane	1	U	ug/l		1			
cis-1,3-dichloropropene	1	U	ug/l		1			
trans-1,3-dichloropropene	1	U	ug/l		1			
1,4-dioxane	100	U	ug/l		100			
ethylbenzene	1	U	ug/l		1			
ethyl methacrylate	4	U	ug/l		4			
hexachlorobutadiene	1	U	ug/l		1			
2-hexanone	5	U	ug/l		5			
iodomethane	1	U	ug/l		1			
isobutyl alcohol	40	U	ug/l		40			
methacrylonitrile	4	U	ug/l		4			
methylene chloride	1	U	ug/l		1			
methyl methacrylate	4	U	ug/l		4			
4-methyl-2-pentanone	5	U	ug/l		5			
naphthalene	1	U	ug/l		1			
propionitrile	5	U	ug/l		5			
styrene	1	U	ug/l		1			

RESULTS BY SAMPLE

PBS&J Sample No.	Client ID	Date Received	Site	Date & Time Collected
0002-310-3	MW-8	02/08/00		02/08/00 12:00:00

Parameter	Results	Qual	Units	Method	MDL	Prepdate	Analyzed	Analyst
1,1,1,2-tetrachloroethane	1	U	ug/l		1			
1,1,2,2-tetrachloroethane	.2	U	ug/l		.2			
tetrachloroethene	1	U	ug/l		1			
toluene	1	U	ug/l		1			
1,2,4-trichlorobenzene	1	U	ug/l		1			
1,1,1-trichloroethane	1	U	ug/l		1			
1,1,2-trichloroethane	1	U	ug/l		1			
trichloroethene	1	U	ug/l		1			
trichlorofluoromethane	1	U	ug/l		1			
1,2,3-trichloropropane	1	U	ug/l		1			
vinyl acetate	5	U	ug/l		5			
vinyl chloride	1	U	ug/l		1			
o-xylene	1	U	ug/l		1			
m,p-xylene	1	U	ug/l		1			
Surrogate Recoveries				EPA 8260		02/20/00	02/20/00	CG
1,2-Dichloroethane -d4	103		%					
toluene-d8	92		%					
4-bromofluorobenzene	91		%					
Mercury in Waters				EPA 245.1/7470		02/14/00	02/15/00	D
mercury	.21	I	ug/l		.2			
Chloride in Water by Colorimetric				EPA 325.2		02/11/00	02/11/00	AT
chloride	17		mg/l		1			
Determination of Organochlorine Pesticides by GC/ECD				EPA 8081A		02/09/00	02/14/00	WJ
hexachlorocyclopentadiene	.03	U	ug/l		.03			
hexachlorobenzene	.03	U	ug/l		.03			
alpha-BHC	.03	U	ug/l		.03			
gamma-BHC	.03	U	ug/l		.03			
beta-BHC	.03	U	ug/l		.03			
delta-BHC	.03	U	ug/l		.03			
heptachlor	.03	U	ug/l		.03			
aldrin	.03	U	ug/l		.03			

RESULTS BY SAMPLE

PBS&J Sample No.	Client ID	Date Received	Site	Date & Time Collected
0002-310-3	MW-8	02/08/00		02/08/00 12:00:00

Parameter	Results	Qual	Units	Method	MDL	Prepdate	Analyzed	Analyst
isodrin	.03	U	ug/l		.03			
heptachlor epoxide	.03	U	ug/l		.03			
gamma-chlordane	.05	U	ug/l		.05			
alpha-chlordane	.05	U	ug/l		.05			
4,4'-DDE	.05	U	ug/l		.05			
endosulfan I	.03	U	ug/l		.03			
dieldrin	.05	U	ug/l		.05			
endrin	.05	U	ug/l		.05			
4,4'-DDD	.05	U	ug/l		.05			
endosulfan II	.05	U	ug/l		.05			
4,4'-DDT	.05	U	ug/l		.05			
endrin aldehyde	.05	U	ug/l		.05			
methoxychlor	.3	U	ug/l		.3			
mirex	.05	U	ug/l		.05			
endosulfan sulfate	.05	U	ug/l		.05			
endrin ketone	.05	U	ug/l		.05			
toxaphene	1	U	ug/l		1			
Surrogate Recoveries				EPA 8081A		02/09/00	02/14/00	WJ
tetrachloro-m-xylene	55		%					
Decachlorobiphenyl	36		%					
Total Cyanide by in Water by Colorimetric				EPA 335.3		02/10/00	02/14/00	KW
total cyanide	.005	U	mg/l		.005			
EDB, DBCP and 123TCP by GC in Waters				EPA 504.1		02/15/00	02/15/00	RJM
1,2-dibromoethane	.02	U	ug/l		.02			
1,2-dibromo-3-chloropropane	.02	U	ug/l		.02			
Determination of PCBs in Waters by GC/ECD				EPA 8082		02/09/00	02/14/00	WJ
aroclor 1016	.5	U	ug/l		.5			
aroclor 1221	.5	U	ug/l		.5			
aroclor 1232	.5	U	ug/l		.5			
aroclor 1242	.5	U	ug/l		.5			
aroclor 1248	.5	U	ug/l		.5			

PBS&J Sample No. 0002-310-3 | Client ID MW-8 | Date Received 02/08/00 | Site | Date & Time Collected 02/08/00 12:00:00

Parameter	Results	Qual	Units	Method	MDL	Prepdate	Analyzed	Analyst
aroclor 1254	.5	U	ug/l		.5			
aroclor 1260	.5	U	ug/l		.5			
Determination of Semivolatile Organic Compounds in Waters by Extraction and Gas Chromatography/Mass Spectrometry				EPA 8270		02/09/00	02/13/00	KB
acenaphthene	10	U	ug/l		10			
acenaphthylene	10	U	ug/l		10			
acetophenone	10	U	ug/l		10			
2-acetylaminofluorene	10	U	ug/l		10			
4-aminobiphenyl	50	U	ug/l		50			
anthracene	10	U	ug/l		10			
benz[a]anthracene	10	U	ug/l		10			
benzo[b]fluoranthene	10	U	ug/l		10			
benzo[k]fluoranthene	10	U	ug/l		10			
Benzo[ghi]perylene	10	U	ug/l		10			
benzo[a]pyrene	10	U	ug/l		10			
benzyl alcohol	10	U	ug/l		10			
bis(2-chloroethoxy)methane	10	U	ug/l		10			
bis(2-chloroethyl) ether	10	U	ug/l		10			
bis(2-chloroisopropyl) ether	10	U	ug/l		10			
bis(2-ethylhexyl)phthalate	10	U	ug/l		10			
4-bromophenyl phenyl ether	10	U	ug/l		10			
butyl benzyl phthalate	10	U	ug/l		10			
4-chloroaniline	30	U	ug/l		30			
chlorobenzilate	10	U	ug/l		10			
4-chloro-3-methylphenol	10	U	ug/l		10			
2-chloronaphthalene	10	U	ug/l		10			
2-chlorophenol	10	U	ug/l		10			
4-chlorophenyl phenyl ether	10	U	ug/l		10			
chrysene	10	U	ug/l		10			
diallate	10	U	ug/l		10			

RESULTS BY SAMPLE

PBS&J Sample No.	Client ID	Date Received	Site	Date & Time Collected
0002-310-3	MW-8	02/08/00		02/08/00 12:00:00

Parameter	Results	Qual	Units	Method	MDL	Prepdate	Analyzed	Analyst
dibenz[a,h]anthracene	10	U	ug/l		10			
dibenzofuran	10	U	ug/l		10			
di-n-butyl phthalate	10	U	ug/l		10			
1,2-dichlorobenzene	10	U	ug/l		10			
1,3-dichlorobenzene	10	U	ug/l		10			
1,4-dichlorobenzene	10	U	ug/l		10			
3,3'-dichlorobenzidine	100	U	ug/l		100			
2,4-dichlorophenol	10	U	ug/l		10			
2,6-dichlorophenol	10	U	ug/l		10			
diethyl phthalate	10	U	ug/l		10			
dimethylaminoazobenzene	10	U	ug/l		10			
7,12-dimethylbenz[a]anthracene	80	U	ug/l		80			
3,3'-dimethylbenzidine	200	U	ug/l		200			
dimethyl phthalate	10	U	ug/l		10			
1,3-dinitrobenzene	10	U	ug/l		10			
4,6-dinitro-2-methylphenol	50	U	ug/l		50			
2,4-dinitrophenol	50	U	ug/l		50			
2,4-dinitrotoluene	10	U	ug/l		10			
2,6-dinitrotoluene	10	U	ug/l		10			
diphenylamine	15	U	ug/l		15			
di-n-octyl phthalate	10	U	ug/l		10			
ethyl methanesulfonate	20	U	ug/l		20			
famphur	20	U	ug/l		20			
fluoranthene	10	U	ug/l		10			
fluorene	10	U	ug/l		10			
hexachlorobenzene	10	U	ug/l		10			
hexachlorobutadiene	10	U	ug/l		10			
hexachlorocyclopentadiene	20	U	ug/l		20			
hexachloroethane	10	U	ug/l		10			
hexachloropropene	10	U	ug/l		10			
indeno[1,2,3-cd]pyrene	10	U	ug/l		10			
isodrin	10	U	ug/l		10			

RESULTS BY SAMPLE

PBS&J Sample No.	Client ID	Date Received	Site	Date & Time Collected
0002-310-3	MW-8	02/08/00		02/08/00 12:00:00

Parameter	Results	Qual	Units	Method	MDL	Prepdate	Analyzed	Analyst
isophorone	10	U	ug/l		10			
isosafrole	10	U	ug/l		10			
kepone	10	U	ug/l		10			
methapyrilene	2000	U	ug/l		2000			
3-methylcholanthrene	10	U	ug/l		10			
methyl methanesulfonate	10	U	ug/l		10			
2-methylnaphthalene	10	U	ug/l		10			
2-methylphenol	10	U	ug/l		10			
3-methylphenol	10	U	ug/l		10			
4-methylphenol	10	U	ug/l		10			
(3+4)-methylphenol	10	U	ug/l		10			
naphthalene	10	U	ug/l		10			
1,4-naphthoquinone	10	U	ug/l		10			
1-naphthylamine	10	U	ug/l		10			
2-naphthylamine	10	U	ug/l		10			
2-nitroaniline	10	U	ug/l		10			
3-nitroaniline	50	U	ug/l		50			
4-nitroaniline	10	U	ug/l		10			
nitrobenzene	10	U	ug/l		10			
2-nitrophenol	10	U	ug/l		10			
4-nitrophenol	10	U	ug/l		10			
5-nitro-o-toluidine	10	U	ug/l		10			
N-nitroso-di-n-butylamine	10	U	ug/l		10			
N-nitrosodiethylamine	10	U	ug/l		10			
N-nitrosodimethylamine	10	U	ug/l		10			
N-nitrosomethylethylamine	130	U	ug/l		130			
N-nitrosodiphenylamine	10	U	ug/l		10			
N-nitroso-di-n-propylamine	10	U	ug/l		10			
N-nitrosopiperidine	10	U	ug/l		10			
N-nitrosopyrrolidine	10	U	ug/l		10			
pentachlorobenzene	10	U	ug/l		10			
pentachloronitrobenzene	10	U	ug/l		10			
pentachlorophenol	10	U	ug/l		10			

PBS&J Sample No. 0002-310-3 | Client ID MW-8 | Date Received 02/08/00 | Site | Date & Time Collected 02/08/00 12:00:00

Parameter	Results	Qual	Units	Method	MDL	Prepdate	Analyzed	Analyst
phenacetin	10	U	ug/l		10			
phenanthrene	10	U	ug/l		10			
phenol	10	U	ug/l		10			
1,4-phenylenediamine	2000	U	ug/l		2000			
pronamide	10	U	ug/l		10			
pyrene	20	U	ug/l		20			
safrole	10	U	ug/l		10			
1,2,4,5-tetrachlorobenzene	10	U	ug/l		10			
2,3,4,6-tetrachlorophenol	50	U	ug/l		50			
o-toluidine	10	U	ug/l		10			
1,2,4-trichlorobenzene	10	U	ug/l		10			
2,4,5-trichlorophenol	10	U	ug/l		10			
2,4,6-trichlorophenol	10	U	ug/l		10			
1,3,5-trinitrobenzene	200	U	ug/l		200			
O,O',O''-triethyl phosphorothioate	10	U	ug/l		10			
Surrogate Recoveries				EPA 8270		02/09/00	02/13/00	KB
2-fluorophenol	56		%					
2-fluorobiphenyl	65		%					
nitrobenzene-d5	69		%					
phenol-d5	52		%					
terphenyl-d14	76		%					
2,4,6-tribromophenol	75		%					
Metals in Waters by ICAP				EPA 6010		02/10/00	02/14/00	DM
antimony	.005	U	mg/l		.005			
arsenic	.005	U	mg/l		.005			
barium	.006		mg/l		.001			
beryllium	.001	U	mg/l		.001			
cadmium	.001	U	mg/l		.001			
chromium	.003	I	mg/l		.001			
cobalt	.005	U	mg/l		.005			
copper	.005	U	mg/l		.005			
iron	2.34		mg/l		.04			

PBS&J Sample No. 0002-310-3 | Client ID MW-8 | Date Received 02/08/00 | Site | Date & Time Collected 02/08/00 12:00:00

Parameter	Results	Qual	Units	Method	MDL	Prepdate	Analyzed	Analyst
lead	.004	U	mg/l		.004			
nickel	.005	U	mg/l		.005			
selenium	.005	U	mg/l		.005			
silver	.005	U	mg/l		.005			
sodium	7.9		mg/l		.2			
thallium	.002	U	mg/l		.002			
vanadium	.006	I	mg/l		.005			
zinc	.025	U	mg/l		.025			
tin	.005	U	mg/l		.005			
40 CFR Part 258 Appendix I VOCs				EPA 8260		02/20/00	02/20/00	CG
acetone	5	U	ug/l		5			
acrylonitrile	4	U	ug/l		4			
benzene	1	U	ug/l		1			
bromochloromethane	1	U	ug/l		1			
bromodichloromethane	.6	U	ug/l		.6			
bromoform	1	U	ug/l		1			
carbon disulfide	1	U	ug/l		1			
carbon tetrachloride	1	U	ug/l		1			
chlorobenzene	1	U	ug/l		1			
chloroethane	1	U	ug/l		1			
chloroform	1	U	ug/l		1			
dibromochloromethane	1	U	ug/l		1			
1,2-dichlorobenzene	1	U	ug/l		1			
1,4-dichlorobenzene	1	U	ug/l		1			
trans-1,4-dichloro-2-butene	4	U	ug/l		4			
1,1-dichloroethane	1	U	ug/l		1			
1,2-dichloroethane	1	U	ug/l		1			
1,1-dichloroethene	1	U	ug/l		1			
cis-1,2-dichloroethene	1	U	ug/l		1			
trans-1,2-dichloroethene	1	U	ug/l		1			
1,2-dichloropropane	1	U	ug/l		1			
cis-1,3-dichloropropene	1	U	ug/l		1			

RESULTS BY SAMPLE

PBS&J Sample No.	Client ID	Date Received	Site	Date & Time Collected
0002-310-3	MW-8	02/08/00		02/08/00 12:00:00

Parameter	Results	Qual	Units	Method	MDL	Prepdate	Analyzed	Analyst
trans-1,3-dichloropropene	1	U	ug/l		1			
ethylbenzene	1	U	ug/l		1			
2-hexanone	5	U	ug/l		5			
methyl bromide	1	U	ug/l		1			
methyl chloride	1	U	ug/l		1			
methylene chloride	1	U	ug/l		1			
methyl ethyl ketone	5	U	ug/l		5			
methyl iodide	1	U	ug/l		1			
4-methyl-2-pentanone	5	U	ug/l		5			
styrene	1	U	ug/l		1			
1,1,1,2-tetrachloroethane	1	U	ug/l		1			
1,1,2,2-tetrachloroethane	.2	U	ug/l		.2			
tetrachloroethene	1	U	ug/l		1			
toluene	1	U	ug/l		1			
1,1,1-trichloroethane	1	U	ug/l		1			
1,1,2-trichloroethane	1	U	ug/l		1			
trichloroethene	1	U	ug/l		1			
trichlorofluoromethane	1	U	ug/l		1			
1,2,3-trichloropropane	1	U	ug/l		1			
vinyl acetate	5	U	ug/l		5			
vinyl chloride	1	U	ug/l		1			
xylenes	1	U	ug/l		1			
Surrogate Recoveries				EPA 8260		02/20/00	02/20/00	CG
1,2-dichloroethane-d4	103		%					
toluene-d8	92		%					
4-bromofluorobenzene	91		%					
Nitrate in Water by Colorimetry				EPA 353.2		02/09/00	02/09/00	KW
nitrate	.01	I	mg/l		.01			
Determination of Sulfide in water				EPA 9030A			02/15/00	AT
sulfide	.04	U	mg/l		.04			
Determination of Total Dissolved Solids in Waters				EPA 160.1			02/11/00	VLM

PBS&J Sample No. 0002-310-3 **Client ID** MW-8 **Date Received** 02/08/00 **Site** **Date & Time Collected** 02/08/00 12:00:00

Parameter	Results	Qual	Units	Method	MDL	Prepdate	Analyzed	Analyst
total dissolved solids	112		mg/l		10			
Organophosphorous Pesticides in Waters				EPA 8141		02/09/00	02/10/00	HW
dimethoate	5	U	ug/l		5			
disulfoton	5	U	ug/l		5			
ethyl parathion	5	U	ug/l		5			
methyl parathion	15	U	ug/l		15			
phorate	15	U	ug/l		15			
thionazin	5	U	ug/l		5			
Herbicides in Water by GC/ECD				EPA 8151		02/10/00	02/17/00	RP
2,4-D	1	U	ug/l		1			
2,4,5-TP	1	U	ug/l		1			
2,4,5-T	1	U	ug/l		1			
dinoseb	2	U	ug/l		2			
Surrogate Recovery				EPA 8151	1	02/10/00	02/17/00	RP
2,4-dichlorophenylacetic acid	69		%		1			

PBS&J Sample No. 0002-310-4 **Client ID** TB **Date Received** 02/08/00 **Site** **Date & Time Collected** 02/08/00 00:00:00

Parameter	Results	Qual	Units	Method	MDL	Prepdate	Analyzed	Analyst
Parameters detemined in the Field								
Determination of Volatile Organics in Waters by GC/MS				EPA 8260		02/20/00	02/20/00	CG
acetone	5	U	ug/l		5			
acetonitrile	1	U	ug/l		1			
acrolein	20	U	ug/l		20			
acrylonitrile	4	U	ug/l		4			
allyl chloride	5	U	ug/l		5			
benzene	1	U	ug/l		1			
bromochloromethane	1	U	ug/l		1			
bromodichloromethane	.6	U	ug/l		.6			
bromoform	1	U	ug/l		1			
bromomethane	1	U	ug/l		1			

RESULTS BY SAMPLE

PBS&J Sample No.	Client ID	Date Received	Site	Date & Time Collected
0002-310-4	TB	02/08/00		02/08/00 00:00:00

Parameter	Results	Qual	Units	Method	MDL	Prepdate	Analyzed	Analyst
2-butanone	5	U	ug/l		5			
carbon disulfide	1	U	ug/l		1			
carbon tetrachloride	1	U	ug/l		1			
chlorobenzene	1	U	ug/l		1			
chloroethane	1	U	ug/l		1			
chloroform	1	U	ug/l		1			
chloromethane	1	U	ug/l		1			
chloroprene	4	U	ug/l		4			
dibromochloromethane	1	U	ug/l		1			
1,2-dibromo-3-chloropropane	2	U	ug/l		2			
1,2-dibromoethane	1	U	ug/l		1			
dibromomethane	1	U	ug/l		1			
trans-1,4-dichloro-2-butene	4	U	ug/l		4			
1,2-dichlorobenzene	1	U	ug/l		1			
1,3-dichlorobenzene	1	U	ug/l		1			
1,4-dichlorobenzene	1	U	ug/l		1			
Dichlorodifluoromethane	1	U	ug/l		1			
1,1-dichloroethane	1	U	ug/l		1			
1,2-dichloroethane	1	U	ug/l		1			
1,1-dichloroethene	1	U	ug/l		1			
trans-1,2-dichloroethene	1	U	ug/l		1			
1,2-dichloropropane	1	U	ug/l		1			
1,3-dichloropropane	1	U	ug/l		1			
2,2-dichloropropane	1	U	ug/l		1			
cis-1,3-dichloropropene	1	U	ug/l		1			
trans-1,3-dichloropropene	1	U	ug/l		1			
1,4-dioxane	100	U	ug/l		100			
ethylbenzene	1	U	ug/l		1			
ethyl methacrylate	4	U	ug/l		4			
hexachlorobutadiene	1	U	ug/l		1			
2-hexanone	5	U	ug/l		5			
iodomethane	1	U	ug/l		1			
isobutyl alcohol	40	U	ug/l		40			

PBS&J Sample No. 0002-310-4 | Client ID TB | Date Received 02/08/00 | Site | Date & Time Collected 02/08/00 00:00:00

Parameter	Results	Qual	Units	Method	MDL	Prepdate	Analyzed	Analyst
methacrylonitrile	4	U	ug/l		4			
methylene chloride	1	U	ug/l		1			
methyl methacrylate	4	U	ug/l		4			
4-methyl-2-pentanone	5	U	ug/l		5			
naphthalene	1	U	ug/l		1			
propionitrile	5	U	ug/l		5			
styrene	1	U	ug/l		1			
1,1,1,2-tetrachloroethane	1	U	ug/l		1			
1,1,2,2-tetrachloroethane	.2	U	ug/l		.2			
tetrachloroethene	1	U	ug/l		1			
toluene	1	U	ug/l		1			
1,2,4-trichlorobenzene	1	U	ug/l		1			
1,1,1-trichloroethane	1	U	ug/l		1			
1,1,2-trichloroethane	1	U	ug/l		1			
trichloroethene	1	U	ug/l		1			
trichlorofluoromethane	1	U	ug/l		1			
1,2,3-trichloropropane	1	U	ug/l		1			
vinyl acetate	5	U	ug/l		5			
vinyl chloride	1	U	ug/l		1			
o-xylene	1	U	ug/l		1			
m,p-xylene	1	U	ug/l		1			
Surrogate Recoveries				EPA 8260		02/20/00	02/20/00	CG
1,2-Dichloroethane -d4	100		%					
toluene-d8	94		%					
4-bromofluorobenzene	90		%					
40 CFR Part 258 Appendix I VOCs				EPA 8260		02/20/00	02/20/00	CG
acetone	5	U	ug/l		5			
acrylonitrile	4	U	ug/l		4			
benzene	1	U	ug/l		1			
bromochloromethane	1	U	ug/l		1			
bromodichloromethane	.6	U	ug/l		.6			
bromoform	1	U	ug/l		1			

RESULTS BY SAMPLE

PBS&J Sample No.	Client ID	Date Received	Site	Date & Time Collected
0002-310-4	TB	02/08/00		02/08/00 00:00:00

Parameter	Results	Qual	Units	Method	MDL	Prepdate	Analyzed	Analyst
carbon disulfide	1	U	ug/l		1			
carbon tetrachloride	1	U	ug/l		1			
chlorobenzene	1	U	ug/l		1			
chloroethane	1	U	ug/l		1			
chloroform	1	U	ug/l		1			
dibromochloromethane	1	U	ug/l		1			
1,2-dichlorobenzene	1	U	ug/l		1			
1,4-dichlorobenzene	1	U	ug/l		1			
trans-1,4-dichloro-2-butene	4	U	ug/l		4			
1,1-dichloroethane	1	U	ug/l		1			
1,2-dichloroethane	1	U	ug/l		1			
1,1-dichloroethene	1	U	ug/l		1			
cis-1,2-dichloroethene	1	U	ug/l		1			
trans-1,2-dichloroethene	1	U	ug/l		1			
1,2-dichloropropane	1	U	ug/l		1			
cis-1,3-dichloropropene	1	U	ug/l		1			
trans-1,3-dichloropropene	1	U	ug/l		1			
ethylbenzene	1	U	ug/l		1			
2-hexanone	5	U	ug/l		5			
methyl bromide	1	U	ug/l		1			
methyl chloride	1	U	ug/l		1			
methylene chloride	1	U	ug/l		1			
methyl ethyl ketone	5	U	ug/l		5			
methyl iodide	1	U	ug/l		1			
4-methyl-2-pentanone	5	U	ug/l		5			
styrene	1	U	ug/l		1			
1,1,1,2-tetrachloroethane	1	U	ug/l		1			
1,1,2,2-tetrachloroethane	.2	U	ug/l		.2			
tetrachloroethene	1	U	ug/l		1			
toluene	1	U	ug/l		1			
1,1,1-trichloroethane	1	U	ug/l		1			
1,1,2-trichloroethane	1	U	ug/l		1			
trichloroethene	1	U	ug/l		1			

RESULTS BY SAMPLE

PBS&J Sample No.	Client ID	Date Received	Site	Date & Time Collected
0002-310-4	TB	02/08/00		02/08/00 00:00:00

Parameter	Results	Qual	Units	Method	MDL	Prepdate	Analyzed	Analyst
trichlorofluoromethane	1	U	ug/l		1			
1,2,3-trichloropropane	1	U	ug/l		1			
vinyl acetate	5	U	ug/l		5			
vinyl chloride	1	U	ug/l		1			
xylenes	1	U	ug/l		1			
Surrogate Recoveries				EPA 8260		02/20/00	02/20/00	CG
1,2-dichloroethane-d4	100		%					
toluene-d8	94		%					
4-bromofluorobenzene	90		%					

PBS ANALYTICAL SERVICES — CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

9424

6635 East Colonial Drive
Orlando, FL 32807
Phone: (407)277-4443 FAX: (407)382-8794

☐ STANDARD TAT
☐ EXPEDITED TAT*
* SUBJECT TO RUSH FEES
REPORT DUE DATE: _____

CLIENT NAME: Hardee Co. SW	P.O NUMBER:
CLIENT ADDRESS: 151 Airport Rd.	CLIENT PROJECT MANAGER:
CITY, STATE, ZIP: Wachula, FL	PROJECT NUMBER: 6870600346
SAMPLER(S) NAME(S): Dessey, J.	PROJECT NAME: 070962.60.421

REMARKS:

STATION NO	SAMPLING DATE	SAMPLING TIME	STATION/SITE IDENTIFICATION	GRAB (G) / COMPOSITE (C)	MATRIX: AQUEOUS	MATRIX: SOLID	MATRIX: AIR	MATRIX: OIL	GENERALS Cl, NO3 TDS	METAL Apl met Hg, Fe, Na	NUTRIENTS Total NH3 as N	VOA Apl VOA, Apll VOA	SEMIVOLATILE Apl + Apll	CYANIDE CN	PHENOL	BACTERIA	GREASE AND OIL	OTHER EDB / DBCP	OTHER Sulfide	LAB SAMPLE I.D.
				NUMBER OF SAMPLE CONTAINERS SUBMITTED																
	2/8/00	1015	E. Bank	G	✓				1	1	1	3	5	1				3	1	0002-310-1
	↓	1105	MW 9	↓	↓				↓	↓	↓	↓	↓	↓				↓	↓	-2
	↓	1200	MW 8	↓	↓				↓	↓	↓	↓	↓	↓				↓	↓	-3
			T.B.									1								-4

1. RELINQUISHED BY: (SIGNATURE)	DATE	TIME	3. RELINQUISHED BY: (SIGNATURE)	DATE	TIME	5. RELINQUISHED BY: (SIGNATURE)	DATE	TIME
	2/8/00	1445						
2. RECEIVED BY: (SIGNATURE)	DATE	TIME	4. RECEIVED BY: (SIGNATURE)	DATE	TIME	6. RECEIVED BY: (SIGNATURE)	DATE	TIME

FOR LABORATORY USE ONLY

RECEIVED IN LABORATORY BY: (SIGNATURE)	DATE	TIME	CONTAINERS INTACT?	CUSTODY SEALS INTACT?	SAMPLE CONTAINERS PREPARED BY:	DATE	TIME
	2/8/00	2:45	☒ YES ☐ NO	☒ YES ☐ NO			
LABORATORY REMARKS: 4/c					SAMPLE CONTAINERS CHECKED BY:	DATE	TIME

Field Parameters

Station Number	pH (s.u.)	Conductivity (umhos/cm)	DO (mg/L)	Cl2 (mg/L)	Temperature (deg. cent.)	Salinity (o/oo)

Additional Remarks

FIELD LOGBOOK SAMPLING DATA SHEET

POST, BUCKLEY, SCHUH & JERNIGAN, INC.

CLIENT:
PROJECT/SITE NAME:
SITE ADDRESS:
FIELD CONTACT NAME/PHONE:
FIELD CONTACT ADDRESS:
SAMPLING PERSONNEL: BESSEY, J.

3.76
1.52

SAMPLING LOCATION: MW8		**SAMPLING DATE:** 2/8/00	**SAMPLING TIME:** 1200
SAMPLE TYPE: GRAB / COMPOSITE		**SAMPLE MATRIX:** GW	
WELL DIAMETER	2 in.	PURGE RATE	0.50 ± 0.25 gal/min
TOTAL WELL DEPTH	14.90 ft.	PURGE START TIME	1132
DEPTH TO WATER	10.32 ft.	PURGE STOP TIME	~~1140~~ 1153
COLUMN HEIGHT	4.58 ft.	PURGING EQUIPMENT	~~Sub~~ Per. (2) → (1)
COLUMN VOLUME	0.75	SAMPLING EQUIPMENT / BAILER #	disp.
MINIMUM PURGE VOLUME 3X OR (5X)	3.76 Gallons	Column Volume (V) = 0.041 d^2h where: h = Column height (well depth-depth to water) d = diameter of well V = Volume of water	
ACTUAL PURGED VOLUME	* Drawn Down DRY ~4 Gallons		
WELL CONSTRUCTION MATERIAL	PVC	FIELD DECON PERFORMED PER PBS&J CQAP #910005?	YES / (NO)
FUEL POWER UNIT UTILIZED AND LOCATED DOWNWIND FROM SAMPLING LOCATION?	(YES) / NO	DECON AND CALIBRATION WASTE CONTAINED?	(YES) / NO
		PURGE WASTE CONTAINED?	YES / (NO)

Placed in Dewatering Drum

SAMPLE APPEARANCE		ENVIRONMENTAL CONDITIONS	
TINT	none	AIR TEMPERATURE	17.1
COLOR	↓	WIND	NW 3-7
TURBIDITY	Slight → med	RAIN	none
ODOR	none	ATMOSPHERE	cloudy
SHEEN	↓	OTHER	

FIELD PARAMETERS

TEMPERATURE (°C)			20.5	DISSOLVED OXYGEN (mg/L)			1.42
CONDUCTIVITY (uMHOS/cm)			146	TURBIDITY (NTU)			33
pH (UNITS)			5.52	SALINITY (ug/L)			<1

ADDITIONAL INFORMATION

Chain of Custody #:

VISITORS TO SITE? _____
PURPOSE OF VISIT? _____

NUMBER OF BOTTLES COLLECTED AND SAMPLING SEQUENCE

SAMPLE CONTAINERS RECEIVED PRE-CLEANED AND PRE-PRESERVED? YES / NO

TYPE OF CONTAINER	PRESERVATIVE	pH CHECKED AND ACCEPTABLE	NUMBER OF BOTTLES COLLECTED	SAMPLING SEQUENCE
Volatile Organic Compounds /FDB	HCl / Sodium Thiosulfate / None	Not Applicable	3/3	1
TRPH	H2SO4 to pH<2			
Oil & Grease	H2SO4 to pH<2			
Extractable Organics (semi-volatile)	None	Not Applicable	5	2
Metals	HNO3 to pH<2		1	3
Phenols	H2SO4 to pH<2			
Cyanide	NaOH to pH>12		1	5
Microbiological	None / Sodium Thiosulfate Tablets	Not Applicable		
Generals	None	Not Applicable	1	7
Radionuclides	HNO3			
Nutrients	H2SO4 to pH<2		1	4
Other: Sulfide			1	6
Other:				

QUALITY CONTROL SAMPLES

TYPE OF QC SAMPLE COLLECTED	
PREPARERS IDENTITY	
PLACE OF COLLECTION	

SURFACE WATER SAMPLES

DEPTH SAMPLES TAKEN	

IN-PLACE PLUMBING

PLUMBING CONSTRUCTION		FLOW RATE DURING PURGING	
TAP CONSTRUCTION		FLOW RATE DURING SAMPLE COLLECTION	
TIME WELL PURGED		PWSID#	

SIGNATURES OF SAMPLING PERSONNEL:

FIELD LOGBOOK SAMPLING DATA SHEET

POST, BUCKLEY, SCHUH & JERNIGAN, INC.

CLIENT: Hardee Co. SW
PROJECT/SITE NAME:
SITE ADDRESS: 151 Airport Rd. Wachula, FL
FIELD CONTACT NAME/PHONE: Janice Williamson / 941-773-5089
FIELD CONTACT ADDRESS:
SAMPLING PERSONNEL: BESSEY, J.

SAMPLING LOCATION: E. Blank		**SAMPLING DATE:** 2/8/00	**SAMPLING TIME:** 1015
SAMPLE TYPE: GRAB / COMPOSITE		**SAMPLE MATRIX:** GW	
WELL DIAMETER	in.	PURGE RATE	gal/min
TOTAL WELL DEPTH	ft.	PURGE START TIME	
DEPTH TO WATER	ft.	PURGE STOP TIME	
COLUMN HEIGHT	ft.	PURGING EQUIPMENT	
COLUMN VOLUME		SAMPLING EQUIPMENT / BAILER #	
MINIMUM PURGE VOLUME 3X OR 5X	Gallons	Column Volume (V) = 0.041 d^2h where: h = Column height (well depth-depth to water) d = diameter of well V = Volume of water	
ACTUAL PURGED VOLUME	Gallons		
WELL CONSTRUCTION MATERIAL		FIELD DECON PERFORMED PER PBS&J CQAP #910005?	YES / NO
FUEL POWER UNIT UTILIZED AND LOCATED DOWNWIND FROM SAMPLING LOCATION?	YES / NO	DECON AND CALIBRATION WASTE CONTAINED?	YES / NO
		PURGE WASTE CONTAINED?	YES / NO

SAMPLE APPEARANCE		ENVIRONMENTAL CONDITIONS	
TINT	none	AIR TEMPERATURE	12.1
COLOR		WIND	NNW 3-7
TURBIDITY		RAIN	none
ODOR		ATMOSPHERE	cloudy
SHEEN		OTHER	

FIELD PARAMETERS

TEMPERATURE (°C)			14.7	DISSOLVED OXYGEN (mg/L)			4.35
CONDUCTIVITY (uMHOS/cm)			<1	TURBIDITY (NTU)			0
pH (UNITS)			5.47	SALINITY (ug/L)			<1

ADDITIONAL INFORMATION

Chain of Custody #:

VISITORS TO SITE? _____
PURPOSE OF VISIT? _____

NUMBER OF BOTTLES COLLECTED AND SAMPLING SEQUENCE

SAMPLE CONTAINERS RECEIVED PRE-CLEANED AND PRE-PRESERVED? YES / NO

TYPE OF CONTAINER	PRESERVATIVE	pH CHECKED AND ACCEPTABLE	NUMBER OF BOTTLES COLLECTED	SAMPLING SEQUENCE
Volatile Organic Compounds /EDB	HCl / Sodium Thiosulfate / None	Not Applicable	3/3	1
TRPH	H2SO4 to pH<2			
Oil & Grease	H2SO4 to pH<2			
Extractable Organics (semi-volatile)	None	Not Applicable	5	2
Metals	HNO3 to pH<2		1	3
Phenols	H2SO4 to pH<2			
Cyanide	NaOH to pH>12		1	5
Microbiological	None / Sodium Thiosulfate Tablets	Not Applicable		
Generals	None	Not Applicable	1	7
Radionuclides	HNO3			
Nutrients	H2SO4 to pH<2		1	4
Other: Sulfide			1	6
Other:				

QUALITY CONTROL SAMPLES

TYPE OF QC SAMPLE COLLECTED	
PREPARERS IDENTITY	
PLACE OF COLLECTION	

SURFACE WATER SAMPLES

DEPTH SAMPLES TAKEN	

IN-PLACE PLUMBING

PLUMBING CONSTRUCTION		FLOW RATE DURING PURGING	
TAP CONSTRUCTION		FLOW RATE DURING SAMPLE COLLECTION	
TIME WELL PURGED		PWSID#	

SIGNATURES OF SAMPLING PERSONNEL:

FIELD LOGBOOK SAMPLING DATA SHEET

POST, BUCKLEY, SCHUH & JERNIGAN, INC.

CLIENT:
PROJECT/SITE NAME:
SITE ADDRESS:
FIELD CONTACT NAME/PHONE:
FIELD CONTACT ADDRESS:
SAMPLING PERSONNEL: BESSEY, J.

SAMPLING LOCATION: MW 9		**SAMPLING DATE:** 2/6/00	**SAMPLING TIME:** 1105
SAMPLE TYPE: GRAB / COMPOSITE		**SAMPLE MATRIX:** Gw	
WELL DIAMETER	2 in.	PURGE RATE	0.25 → 0.5 gal/min
TOTAL WELL DEPTH	14.93 ft.	PURGE START TIME	1042
DEPTH TO WATER	10.68 ft.	PURGE STOP TIME	~~1050~~ 1052
COLUMN HEIGHT	4.25 ft.	PURGING EQUIPMENT	~~Sub~~. Per. (2)
COLUMN VOLUME	.70	SAMPLING EQUIPMENT / BAILER #	Disp.
MINIMUM PURGE VOLUME 3X OR (5X)	3.49 Gallons	Column Volume (V) = 0.041 d^2h where: h = Column height (well depth-depth to water) d = diameter of well V = Volume of water	
ACTUAL PURGED VOLUME	~4.5 ~~3.55~~ Gallons		
WELL CONSTRUCTION MATERIAL	PVC	FIELD DECON PERFORMED PER PBS&J CQAP #910005?	YES / (NO)
FUEL POWER UNIT UTILIZED AND LOCATED DOWNWIND FROM SAMPLING LOCATION?	(YES) / NO	DECON AND CALIBRATION WASTE CONTAINED?	(YES) / NO
		PURGE WASTE CONTAINED?	YES / (NO)

SAMPLE APPEARANCE		ENVIRONMENTAL CONDITIONS (Mixed in Decon Pit)	
TINT	none	AIR TEMPERATURE	15.2
COLOR	↓	WIND	NW 3-7
TURBIDITY	v. slight	RAIN	none
ODOR	none	ATMOSPHERE	cloudy
SHEEN	↓	OTHER	

FIELD PARAMETERS

TEMPERATURE (°C)			20.5	DISSOLVED OXYGEN (mg/L)			1.35
CONDUCTIVITY (uMHOS/cm)			294	TURBIDITY (NTU)			4
pH (UNITS)			4.89	SALINITY (ug/L)			0.01

ADDITIONAL INFORMATION

Chain of Custody #: ~~1~~ New well / 1st Sample

VISITORS TO SITE? _____
PURPOSE OF VISIT? _____

NUMBER OF BOTTLES COLLECTED AND SAMPLING SEQUENCE

SAMPLE CONTAINERS RECEIVED PRE-CLEANED AND PRE-PRESERVED? YES / NO

TYPE OF CONTAINER	PRESERVATIVE	pH CHECKED AND ACCEPTABLE	NUMBER OF BOTTLES COLLECTED	SAMPLING SEQUENCE
Volatile Organic Compounds /EDB	HCl / Sodium Thiosulfate / None	Not Applicable	3/3	1
TRPH	H2SO4 to pH<2			
Oil & Grease	H2SO4 to pH<2			
Extractable Organics (semi-volatile)	None	Not Applicable	5	2
Metals	HNO3 to pH<2		1	3
Phenols	H2SO4 to pH<2			
Cyanide	NaOH to pH>12		1	5
Microbiological	None / Sodium Thiosulfate Tablets	Not Applicable		
Generals	None	Not Applicable	1	7
Radionuclides	HNO3			
Nutrients	H2SO4 to pH<2		1	4
Other: Sulfide			1	6
Other:				

QUALITY CONTROL SAMPLES

TYPE OF QC SAMPLE COLLECTED	
PREPARERS IDENTITY	
PLACE OF COLLECTION	

SURFACE WATER SAMPLES

DEPTH SAMPLES TAKEN	

IN-PLACE PLUMBING

PLUMBING CONSTRUCTION		FLOW RATE DURING PURGING	
TAP CONSTRUCTION		FLOW RATE DURING SAMPLE COLLECTION	
TIME WELL PURGED		PWSID#	

SIGNATURES OF SAMPLING PERSONNEL: