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October 26, 2009

BY COURIER

Gail Mitchell, Deputy Director
Water Protection Division
U.S. EPA Region 4
Atlanta Federal Center
61 Forsyth Street
Atlanta, Georgia 30303-8960

Re: October 6, 2009, Information Request – Section 308 of the Clean Water Act - Dalton Utilities Land Application System

Dear Ms. Mitchell:

Enclosed with this letter is information from Dalton Utilities in response to EPA's October 6, 2009, Section 308 of the Clean Water Act request (the "Request") addressed to Mr. Don Cope, President and CEO of Dalton Utilities. The enclosures include an October 23, 2009, letter with certification signed pursuant to the Request and information responsive to Paragraph 6 of Enclosure A.

Please contact me if have any questions regarding the information supplied pursuant to the Request.

Sincerely,

Lee A. DeHihns, III

LAD:gba
Enclosures

LEGAL02/31578197v3

Dalton
UTILITIES

October 23, 2009

Ms. Gail Mitchell
Clean Water Enforcement Branch
Water Protection Division
U.S. Environmental Protection Agency, Region 4
61 Forsyth Street, SW
Atlanta, GA 30303-8960

Re: Monitoring Well Information

Dear Ms. Mitchell,

In accordance with the Information Request pursuant to Section 308 of the Clean Water Act dated October 6, 2009, Dalton Utilities is submitting to you the well construction diagrams for Land Application System (LAS) monitoring wells D-5, D-7, D-8, D-12, D-13, D-14, U-2, U-3, M-15, and M-16. The requested records are attached herein as Attachment A.

The well construction diagram for monitoring well M-12 is not included herein as installation and well construction data for this well is not available.

If you have any questions, please contact me at 706-529-1091 or dcope@dutil.com.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false

information, including the possibility of fine and imprisonment for knowing violations.

Sincerely,

Don Cope
President & CEO

Attachment

C: Dr. Carol Couch, Georgia Environmental Protection Division (cover letter only)
Dr. Marlin Gottschalk, Sustainability Division Georgia Department of Natural Resources (cover letter only)
Dr. Bert Langley, Georgia Environmental Protection Division (cover letter only)
Lee A. DeHihns, Esq.

MONITORING WELL INSTALLATION LOG

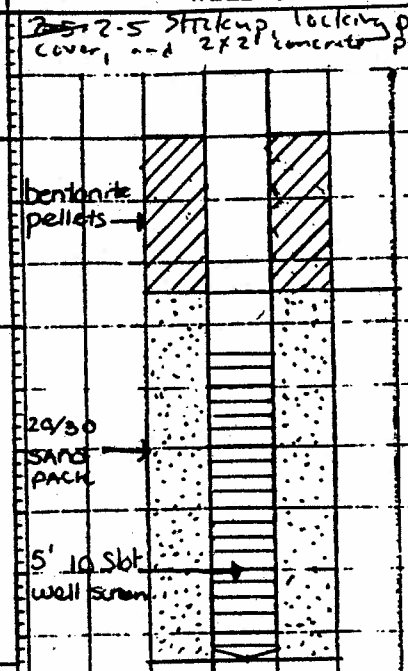
JOB NO. 963-3062	PROJECT DU/LAS/6A	WELL NO. B-6	SHEET 1 OF 1
GA INSP. JGC	DRILLING METHOD HSA 4.25" ID	GROUND ELEV.	WATER DEPTH
WEATHER M Sunny	DRILLING COMPANY ATE	COLLAR ELEV.	DATE/TIME
TEMP. 45°F	DRILL RIG CME 850 DRILLER	STARTED 14:00 TIME / 11-8-96 DATE	COMPLETED 14:32 TIME / 11-8-96 DATE

MATERIALS INVENTORY

WELL CASING 2 in. dia. 6.0 LL	WELL SCREEN 2 in. dia. 5 LL	BENTONITE SEAL Pellets
CASING TYPE Sch 40 PVC	SCREEN TYPE Sch 40 PVC	INSTALLATION METHOD Poured
JOINT TYPE flush thread	SLOT SIZE 10	FILTER PACK QTY. 3.5 bgs @ 50 lb
GROUT QUANTITY N/A	CENTRALIZERS —	FILTER PACK TYPE 20/30 Sand
GROUT TYPE N/A	DRILLING MUD TYPE —	INSTALLATION METHOD Poured in 1 lift

ELEV./DEPTH	SOIL/ROCK DESCRIPTION
	GROUND SURFACE
0.0	Yellow-br - olive SILTY SAND (alluvium)
2.0	
4.0	gray-olive, yellow-br. SHALE
6.0	
8.0	REFUSAL @ 8.5'
10.0	

WELL SKETCH



INSTALLATION NOTES

Augered to 8.5' bgs. Installed 5' 10-slot PVC screen for 3.5-8.5' bgs. Installed PVC riser casing for 2.5' ags to 3.5' bgs. Installed 20/30 sand pack from 2.5-8.5'. Installed bentonite pellets from 0-2.5. Installed locking protective cover and 2x2' concrete pad.

WELL DEVELOPMENT NOTES

Not developed as of 12-1-96.

MONITORING WELL INSTALLATION LOG

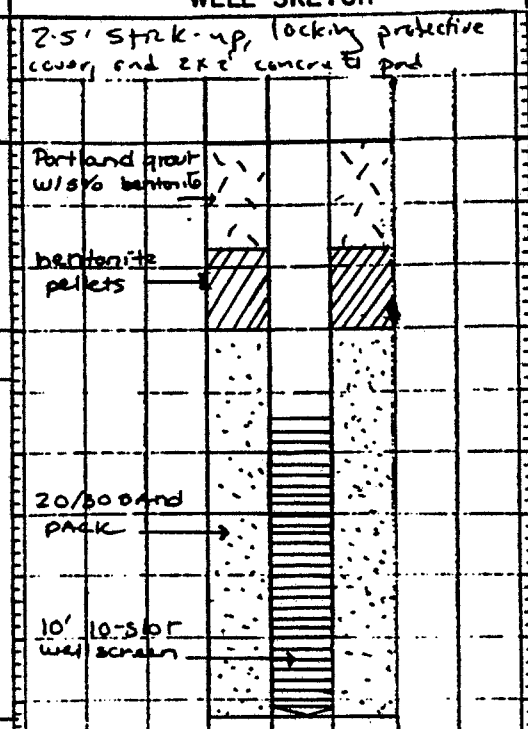
JOB NO. 963-3062	PROJECT DU/LAS/GA	WELL NO. B-15	SHEET 1 OF 1
GA INSP. GAS	DRILLING METHOD HSA 4.25" I.D	GROUND ELEV.	WATER DEPTH
WEATHER cloudy	DRILLING COMPANY ATE	COLLAR ELEV.	DATE/TIME
TEMP. 45°F	DRILL RIG CME 850 DRILLER DAN	STARTED 10:00 / 11/22/96	COMPLETED 11:00 / 11/23/96

MATERIALS INVENTORY

WELL CASING 2 in. dia. 11 ft	WELL SCREEN 2 in. dia. 10 ft	BENTONITE SEAL pellets
CASING TYPE SCH 40 PVC	SCREEN TYPE SCH 40 PVC	INSTALLATION METHOD poured
JOINT TYPE flush thread	SLOT SIZE 10	FILTER PACK QTY. 7 bags @ 50 lb
GROUT QUANTITY —	CENTRALIZERS —	FILTER PACK TYPE 20/30 sand pack
GROUT TYPE Portland w/ 5% bentonite	DRILLING MUD TYPE —	INSTALLATION METHOD Poured w/ H2O

ELEV./DEPTH	SOIL/ROCK DESCRIPTION
	GROUND SURFACE
0.0	yellow-brown/red brown
2.0	CLAYEY SILT (ML)
4.0	(weathered shale)
6.0	Tan CLAYEY SILT (weathered shale)
8.0	
10.0	
12.0	Gray SHALE
14.0	
16.0	
18.0	
20.0	END at 18.5'

WELL SKETCH



INSTALLATION NOTES

Reamed to 18.5'
installed 10' 10-slot well screen from 18.5' to 8.5' bgs
installed well casing from 8.5' bgs to 2.5' ags
installed sand from 18.5' to 6' bgs.
installed bentonite pellets from 6' to 3.5' bgs
Grouted to surface w/ Portland Cement + 5% bentonite mixture.
Installed locking protective cover and 2x2' concrete pad.

WELL DEVELOPMENT NOTES

Bailed 45 gallons w/ stainless steel bailer.
Bailed dry four times.
Water turbid

MONITORING WELL INSTALLATION LOG

D-8

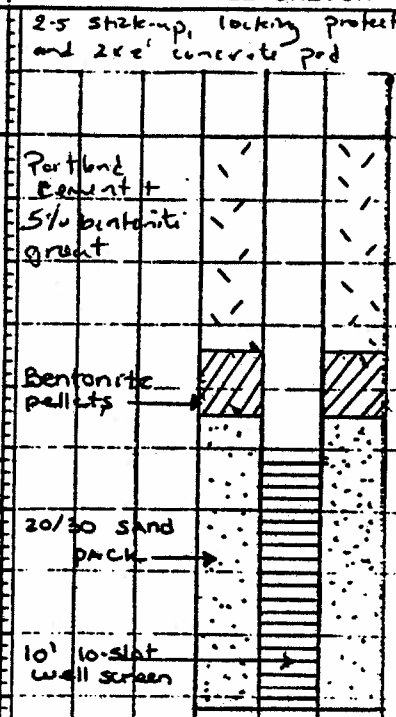
JOB NO. 963-3062	PROJECT DU/LAS/GA	WELL NO. B-14	SHEET 1 OF
GA REP. [illegible]	DRILLING METHOD HSA 4.25" I.D	GROUND ELEV.	WATER DEPTH
WEATHER [illegible]	DRILLING COMPANY ATE	COLLAR ELEV.	DATE/TIME
TEMP. 45°F	DRILL RIG CME 850 DRILLER DAN	STARTED 1600 (TIME) / 20/11/96 (DATE)	COMPLETED (TIME) / 11/20/96 (DATE)

MATERIALS INVENTORY

WELL CASING 2 in. dia. 15.5 ft	WELL SCREEN 2 in. dia. 10 ft	BENTONITE SEAL pellets
CASING TYPE SCH 40 PVC	SCREEN TYPE SCH 40 PVC	INSTALLATION METHOD poured
JOINT TYPE Flush thread	SLOT SIZE 10	FILTER PACK QTY. 7 bgs @ 50 lb
GROUT QUANTITY	CENTRALIZERS	FILTER PACK TYPE 20/30 Sand pack
GROUT TYPE Portland w/ 5% bentonite	DRILLING MUD TYPE	INSTALLATION METHOD poured w/ water

ELEV./DEPTH	SOIL/ROCK DESCRIPTION
	GROUND SURFACE
0.0	red-brown/yellow-brown SILT, little sand little clay, tr gravel (weathered shale)
5.0	
10.0	
15.0	gray SHALE
20.0	
25.0	END @ 23'

WELL SKETCH



INSTALLATION NOTES

Augered to 23'

Installed PVC 10 ft 10 slot well screen from 23' to 13' bgs

Installed SCH 40 PVC well casing from 13' bgs to 2.5 AGS

installed 20/30 Sand pack from 23 bgs to 11 bgs

installed bentonite pellets from 11 bgs to 8.5 bgs. Grouted to surface w/ Portland Cement + 5% bentonite mixture. Installed locking, protective cover and 2x2 concrete pad.

WELL DEVELOPMENT NOTES

Bailed 60 gallons w/ stainless steel bailer. Bailed dry 4 times. Water turbid.

MONITORING WELL INSTALLATION LOG

D-12

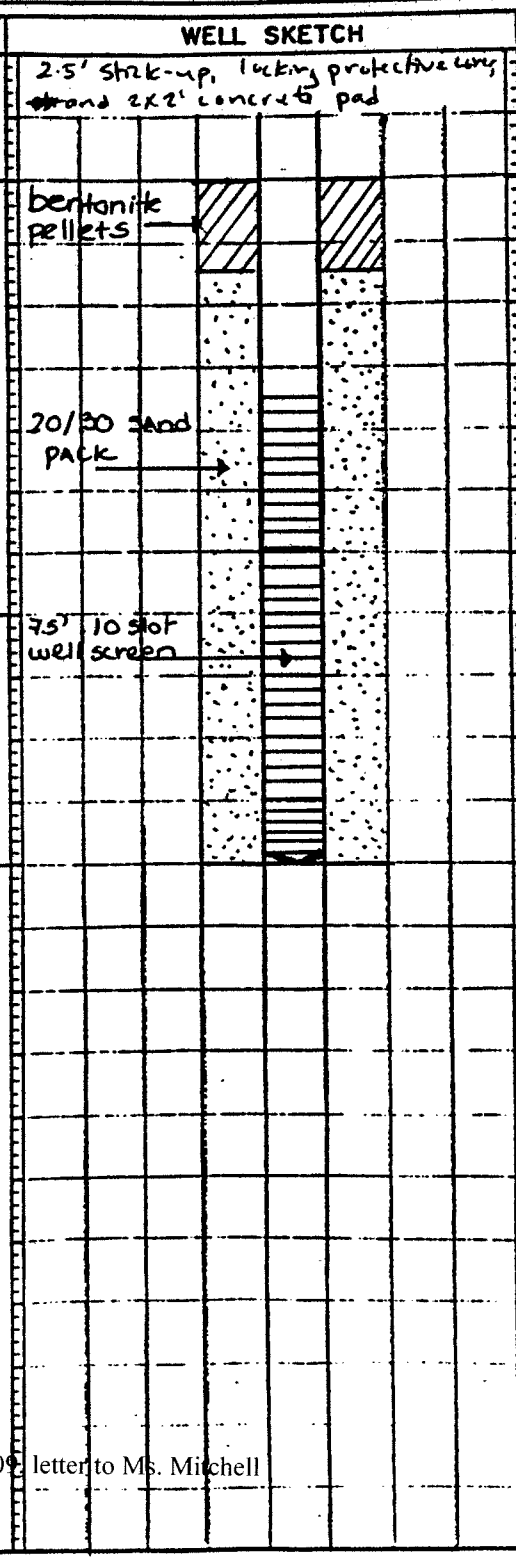
JOB NO. 9103-30002	PROJECT DU/LAS/GA	WELL NO. B-9	SHEET 1 OF 1
GA INSP. G.A.	DRILLING METHOD HSA 4-25" ID	GROUND ELEV.	WATER DEPTH
WEATHER Sunny	DRILLING COMPANY ATE	COLLAR ELEV.	DATE/TIME 11/14/96
TEMP. 40°F	DRILL RIG CME 850	DRILLER DAN	STARTED 12:00 11/14/96 (TIME / DATE) COMPLETED 13:40 11/14/96 (TIME / DATE)

MATERIALS INVENTORY

WELL CASING	2 in. dia. 6.0 LL	WELL SCREEN	2 in. dia. 7.5 LL	BENTONITE SEAL	pellets
CASING TYPE	SCH 40 PVC	SCREEN TYPE	SCH 40 PVC	INSTALLATION METHOD	Poured
JOINT TYPE	Flush thread	SLOT SIZE	10	FILTER PACK QTY.	5 bags @ 50 lb
GROUT QUANTITY	NONE	CENTRALIZERS	—	FILTER PACK TYPE	20/30 Sand
GROUT TYPE	N/A	DRILLING MUD TYPE	—	INSTALLATION METHOD	Poured/water

ELEV./DEPTH	SOIL/ROCK DESCRIPTION
GROUND SURFACE	
0.0	red-br / yellow-br SILT to CLAYEY SILT (weathered shale)
2.0	
4.0	
6.0	
8.0	Gray SHALE
10.0	
12.0	Refusal at 11'

WELL SKETCH



INSTALLATION NOTES

Augered to 11 ft installed 7.5' ft screen from 11 ft to 3.5 bgs installed 40 pvc casing from 3.5 bgs to 2.5 ags installed 20/30 filter sand from 11' bgs to 1.5 bgs installed bentonite pellets from 1.5 bgs to surface Installed locking protective cover and 2x2' concrete pad.

WELL DEVELOPMENT NOTES

Bailed ~~17 gall~~ 20 gallons w/ stainless steel bailer. Bailed dry 4 times. Water turbid

MONITORING WELL INSTALLATION LOG

JOB NO. 963-3062 PROJECT DU/LAS / GA WELL NO. B-8 SHEET 1 OF 1
GA INSP. G.A. DRILLING METHOD HSA 4 1/25" ID GROUND ELEV. WATER DEPTH 3'
WEATHER 34 DRILLING COMPANY ATE COLLAR ELEV. DATE/TIME 11/13/96
TEMP. cloudy DRILL MG. CME 850 DRILLER DAN STARTED 13h00 / 11/13/96 (TIME / DATE) FINISHED 13h30 / 11/13/96 (TIME / DATE)

MATERIALS INVENTORY

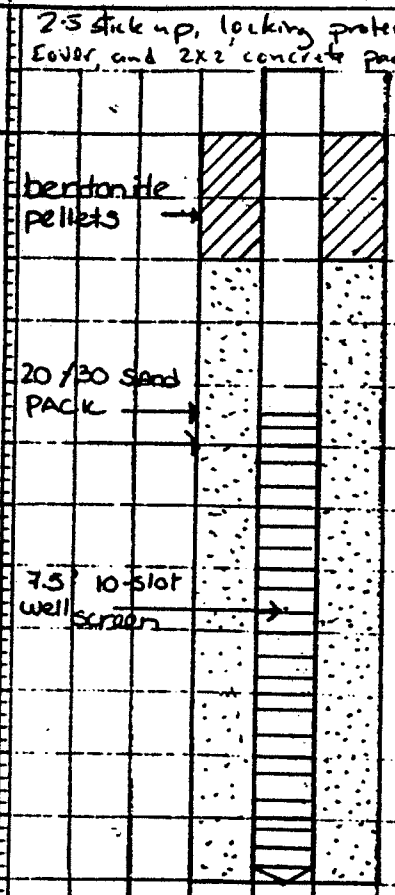
WELL CASING 2 in. dia. 7 ft
CASING TYPE SCH 40 PVC
JOINT TYPE FLUSH THREAD
GROUT QUANTITY NONE
GROUT TYPE NONE

WELL SCREEN 2 in. dia. 7.5 ft
SCREEN TYPE SCH 40 PVC
SLOT SIZE 10
CENTRALIZERS —
DRILLING MUD TYPE —

BENTONITE SEAL Pellets
INSTALLATION METHOD POURED
FILTER PACK QTY. 5 bags @ 50 lb
FILTER PACK TYPE 20/30 SAND PACK
INSTALLATION METHOD poured w/ water

ELEV./DEPTH	SOIL/ROCK DESCRIPTION
	GROUND SURFACE
0.0	yellow-brown SILT to CLAYEY SILT
2.0	
4.0	
6.0	tan SILT, tr clay tr sand (weathered shale)
8.0	
10.0	
12.0	REFUSAL @ 12'

WELL SKETCH



INSTALLATION NOTES

Augered to 12' bgs
Installed SCH 40 PVC 10 slot well screen from 12' to 4.5' bgs
Installed well casing from 4.5' bgs to 2.5 abs
Installed 20/30 sand pack from 12' to 2' 3"
Installed bentonite pellets from 2' 3" to surface. Installed locking protective cover and 2x2' concrete pad

WELL DEVELOPMENT NOTES

Bailed 50 gallons w/ stainless steel bailer
Water turbid.

Golder Associates

MONITORING WELL INSTALLATION LOG

JOB NO. 963-3062 PROJECT DU/LAS/GA WELL NO. B-7 SHEET 1 OF 1
GA INSP. G.A. DRILLING METHOD HSA GROUND ELEV. WATER DEPTH 75' bgs
WEATHER cloudy DRILLING COMPANY ATE COLLAR ELEV. DATE/TIME
TEMP. 30°F DRILL RIG CME 850 DRILLER DAN STARTED 7h30 11/13/96 (TIME / DATE) COMPLETED 8h30 11/13/96 (TIME / DATE)

MATERIALS INVENTORY

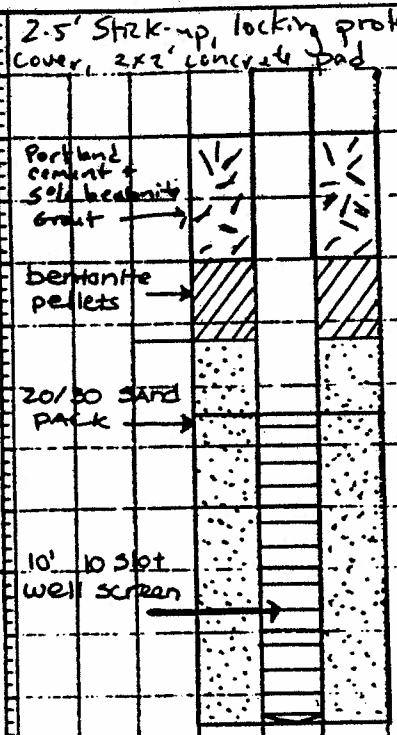
WELL CASING 2 in. dia. 11.5 LF
CASING TYPE SCH 40 PVC
JOINT TYPE FLUSH THREAD
GROUT QUANTITY
GROUT TYPE Portland w/ 5% bentonite

WELL SCREEN 2 in. dia. 10 LF
SCREEN TYPE SCH 40 PVC
SLOT SIZE 10
CENTRALIZERS -
DRILLING MUD TYPE -

BENTONITE SEAL Pellets
INSTALLATION METHOD Poured
FILTER PACK QTY 7 bgs @ 50 lb
FILTER PACK TYPE 20/30 sand pack
INSTALLATION METHOD poured / water

ELEV./DEPTH	SOIL/ROCK DESCRIPTION
	GROUND SURFACE
0.0	yellow brown SILT traces of sand, tr of gravel, tr clay (weathered shale)
2.0	
4.0	
6.0	
8.0	
10.0	
12.0	Tan SILT (weathered shale)
14.0	med-gray SHALE
16.0	
18.0	
20.0	END @ 20'

WELL SKETCH



INSTALLATION NOTES

Augered to (19')
installed SCH 40 PVC 10 slot well screen from 19' to 9' BGS
Installed well casing from 9' to 2.5 AGS
Installed 20/30 sand pack from 19' to 6.5 bgs
Installed pellets from 6.5 to 4' bgs
Grouted to surface w/ portland + 5% grout. Installed locking protective cover and 2x2' concrete pads

WELL DEVELOPMENT NOTES

Bailed 25 gallons w/ stainless steel bailer.
Bailed dry 4 times
Water turbid

MONITORING WELL INSTALLATION LOG

U-2

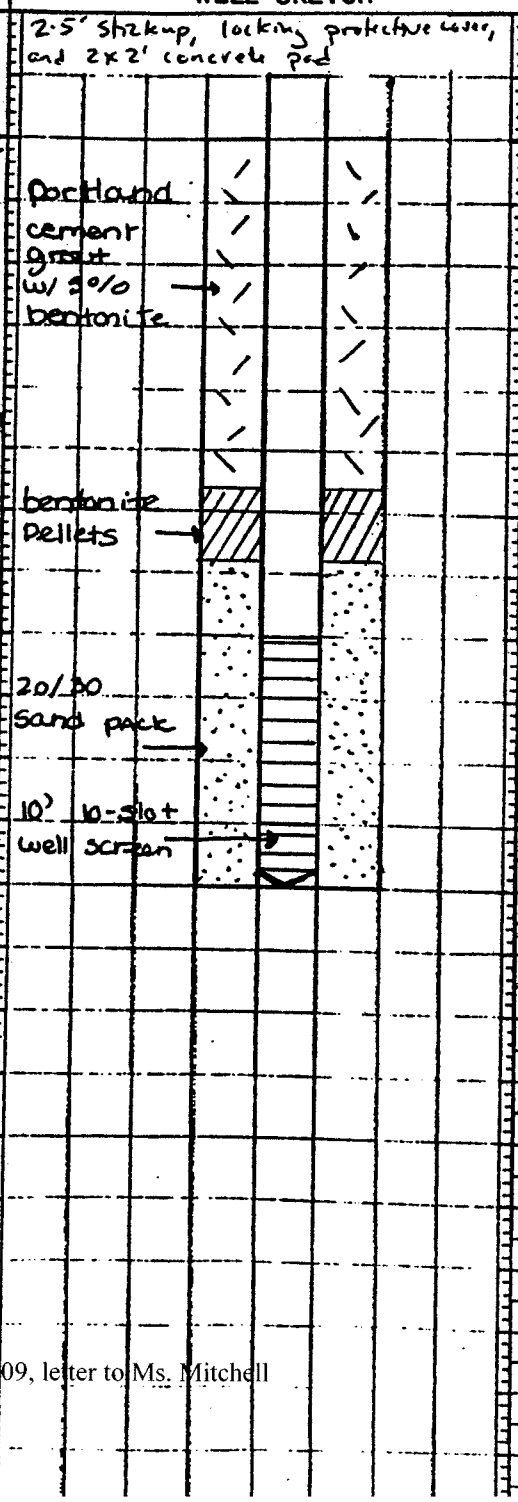
JOB NO. 963-3062	PROJECT DU/LAS/GA	WELL NO. B-4	SHEET 1 OF 1
GA INSP. JGC	DRILLING METHOD HSA 4-25" ID	GROUND ELEV.	WATER DEPTH
WEATHER Cloudy	DRILLING COMPANY ATE	COLLAR ELEV.	DATE/TIME
TEMP. 60° F	DRILL RIG CME 850 DRILLER DAN	STARTED 14:30 (TIME) 11-6-96 (DATE)	COMPLETED 15:30 (TIME) 11/96 (DATE)

MATERIALS INVENTORY

WELL CASING 2 in. dia. ___ LL	WELL SCREEN 2 in. dia. 10 LL	BENTONITE SEAL Pellets
CASING TYPE SCH 40 PVC	SCREEN TYPE SCH 40 PVC	INSTALLATION METHOD Poured
JOINT TYPE Flush Thread	SLOT SIZE 10	FILTER PACK QTY. 7 bags @ 50 lb
GROUT QUANTITY	CENTRALIZERS —	FILTER PACK TYPE 20/30 Sand
GROUT TYPE Portland w/ 5% bentonite	DRILLING MUD TYPE —	INSTALLATION METHOD Poured w/ 1+20

ELEV./DEPTH	SOIL/ROCK DESCRIPTION
	GROUND SURFACE
0.0	Red-br to yellow-br SILTY CLAY / CLAYEY SILT (CH/ML) (weathered shale)
5.0	
10.0	
	Olive CLAYEY SILT – SILTY CLAY (weathered shale)
15.0	
20.0	
	Med. gray LIMESTONE
25.0	
30.0	END @ 30'

WELL SKETCH



INSTALLATION NOTES

Augered to 30' bgs. Installed SCH 40 PVC 10-slot screen from 20-30' bgs. Installed well casing from 2.5' bgs to 20' bgs. Installed 20/30 sand pack from 17-30' bgs. Installed bentonite pellets from 14-17 bgs. Grouted to surface w/ portland + 5% bentonite grout. Installed locking cover and 2x2' concrete pad

WELL DEVELOPMENT NOTES

Bailed 38 gallons with stainless steel bailers. Bailed dry 3 times. Water turbid.

MONITORING WELL INSTALLATION LOG

U-3

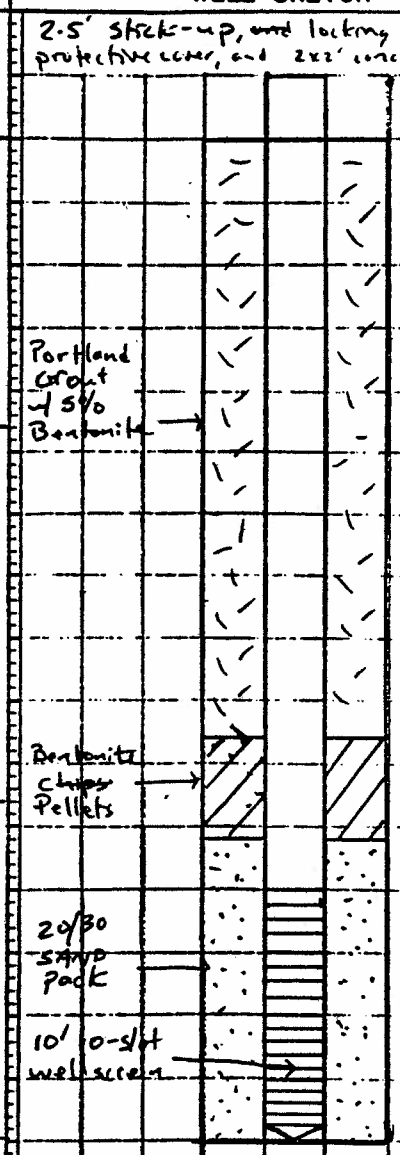
JOB NO. 963-3062	PROJECT DU/1A5/6A	WELL NO. B-1	SHEET 1 OF 1
GA INSP. JBC	DRILLING METHOD HSA 4.25" ID	GROUND ELEV.	WATER DEPTH
WEATHER P. Cloudy	DRILLING COMPANY ATG	COLLAR ELEV.	DATE/TIME
TEMP. 45°F	DRILL RIG CME 850 DRILLER DAN	STARTED 16:30 TIME / 11/4/96 DATE	COMPLETED 17:30 TIME / 11/4/96 DATE

MATERIALS INVENTORY

WELL CASING 2 in. dia. 32.5 ft	WELL SCREEN 2 in. dia. 10 ft	BENTONITE SEAL Pellets
CASING TYPE SCH 40 PVC	SCREEN TYPE PVC SCH 40	INSTALLATION METHOD Poured
JOINT TYPE FLUSH THREAD	SLOT SIZE 10	FILTER PACK QTY. 7bgs @ 50lb ea.
GROUT QUANTITY	CENTRALIZERS N/A	FILTER PACK TYPE 20/30 SAND
GROUT TYPE Cement w/ 5% bentonite	DRILLING MUD TYPE N/A	INSTALLATION METHOD Poured w/ water

ELEV./DEPTH	SOIL/ROCK DESCRIPTION
	GROUND SURFACE
0.0	Dry compact 4-br SANDY SILT to CLAYEY SILT (ML) (weathered shale)
5.0	
10.0	
15.0	dry to moist tan/olive/gray SANDY SILT TO CLAYEY SILT (ML) (weathered shale)
20.0	
25.0	
30.0	moist to wet med/dk gray SHALE
35.0	
40.0	END @ 40'

WELL SKETCH



INSTALLATION NOTES

Advanced auger to 40' bgs. Installed 10' 10-slot SCH 40 PVC well SCREEN from 30 to 40. Installed 20/30 sand pack from 28 to 40. Installed bentonite pellets from 28 to 24. Installed cement grout w/ 5% bentonite from 24' to ground surface. Installed locking protective cover and 2x2' concrete pad.

WELL DEVELOPMENT NOTES

Bailed 50 gallons w/ stainless steel bailer. Water turbid but becomes clear when fine clay settles.

Golder Associates

MONITORING WELL INSTALLATION LOG

M-15

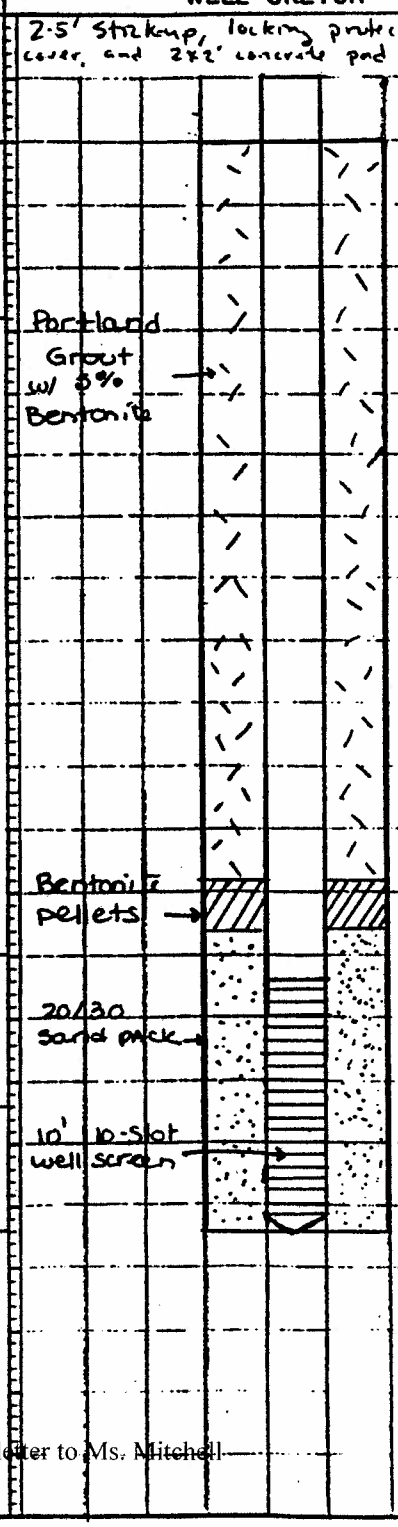
JOB NO. 963-3042	PROJECT DU/LAS/GA	WELL NO. B-2	SHEET 1 OF 1
GA INSP. JGL	DRILLING METHOD HSA 4.25" ID	GROUND ELEV.	WATER DEPTH
WEATHER Cloudy	DRILLING COMPANY ATE	COLLAR ELEV.	DATE/TIME
TEMP. 50°F	DRILL RIG CME 850	DRILLER DAN	STARTED 11:00 / 11/5/96 (TIME / DATE) COMPLETED 14:00 11/5/96 (TIME / DATE)

MATERIALS INVENTORY

WELL CASING 2 in. dia. 35 ft	WELL SCREEN 2 in. dia. 10 ft	BENTONITE SEAL Pellets
CASING TYPE SCH 40 PVC	SCREEN TYPE SCH 40 PVC	INSTALLATION METHOD Poured
JOINT TYPE FLUSH THREAD	SLOT SIZE 10	FILTER PACK QTY. 7 bags @ 50 lb
GROUT QUANTITY —	CENTRALIZERS —	FILTER PACK TYPE 20/30 sand
GROUT TYPE Portland w/ 5% bentonite	DRILLING MUD TYPE —	INSTALLATION METHOD Poured w/ H_2O

ELEV./DEPTH	SOIL/ROCK DESCRIPTION
	GROUND SURFACE
0.0	dense yellow-brown to reddish CLAYEY SILT (ML) (shale saprolite)
5.0	
10.0	dense to very dense tan/gray CLAYEY SILT (ML) (weathered shale saprolite)
15.0	
20.0	
25.0	
30.0	
35.0	olive/gray CLAYEY SILT (weathered shale)
40.0	~~Red~~ med gray SHALE
45.0	END @ 43.5'

WELL SKETCH



INSTALLATION NOTES

Augered to 43.5' w/ 4.25" ID flights. Installed SCH 40 PVC 10-slot well screen from 33.5-43.5' bgs. Installed well casing from 2.5' AGS to 33.5' bgs; Installed 20/30 Sand pack from 31.5-43.5', Installed pellets from 29.5-31.5' bgs. grouted to surface. Installed locking protective cover and 2x2' concrete pad

WELL DEVELOPMENT NOTES

Bailed 35 gallons w/ stainless steel bailer. Water turbid.

Golder Associates

MONITORING WELL INSTALLATION LOG

M-16

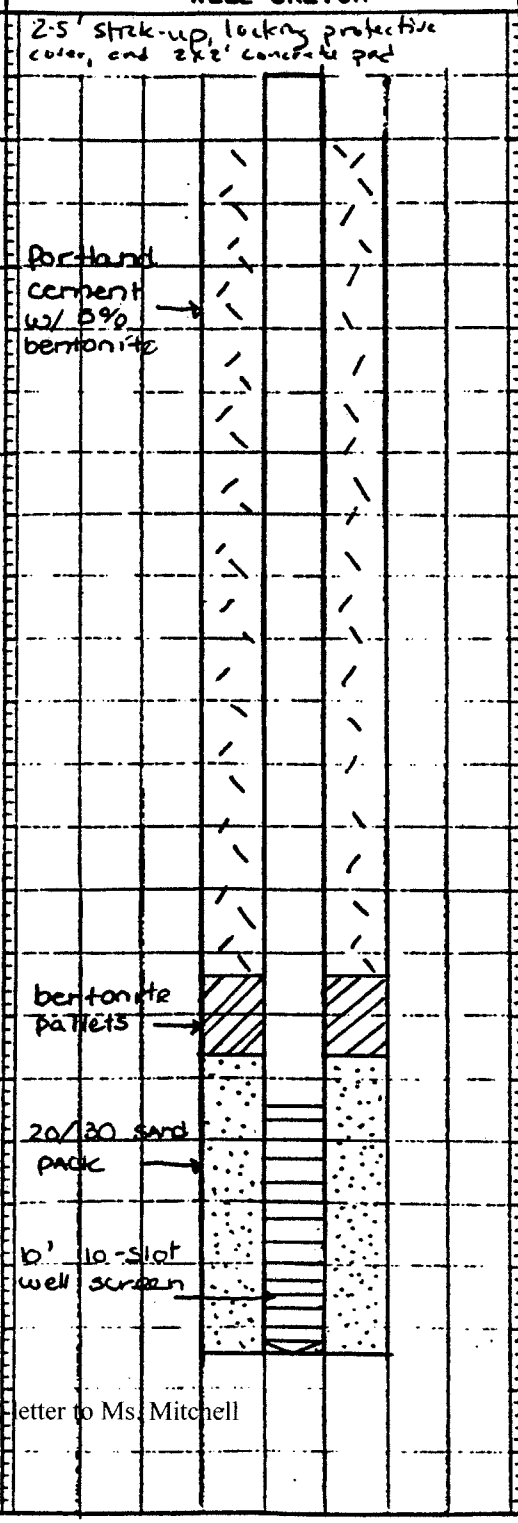
JOB NO. 963-3062	PROJECT DU/LAS/GA	WELL NO. B-3	SHEET 1 OF 1
GA INSP. JGC	DRILLING METHOD HSA 4.25" ID	GROUND ELEV.	WATER DEPTH
WEATHER Cloudy	DRILLING COMPANY ATE	COLLAR ELEV.	DATE/TIME
TEMP. 55° F	DRILL RIG CME 850 DRILLER DAN	STARTED 08:00 / 11-6-96 (TIME / DATE)	COMPLETED 11:00 / 11-6-96 (TIME / DATE)

MATERIALS INVENTORY

WELL CASING 2 in. dia. 41.0 l.f.	WELL SCREEN 2 in. dia. 10 l.f.	BENTONITE SEAL Pellets
CASING TYPE SCH 40 PVC	SCREEN TYPE SCH 40 PVC	INSTALLATION METHOD Poured
JOINT TYPE FLUSH THREAD	SLOT SIZE 10	FILTER PACK QTY.
GROUT QUANTITY —	CENTRALIZERS —	FILTER PACK TYPE 20/30 Sand
GROUT TYPE Portland w/ 5% bentonite	DRILLING MUD TYPE —	INSTALLATION METHOD Poured w/ H2O

ELEV./DEPTH	SOIL/ROCK DESCRIPTION
	GROUND SURFACE
0.0	dense yellow brown to olive CLAYEY SILT (saprolite shale)
5.0	dense yellow-brown/olive/red-brown CLAYEY SILT (ML) (saprolite shale)
10.0	
15.0	yellow brown/olive CLAYEY SILT (ML) (saprolite shale)
20.0	
25.0	
30.0	
35.0	
40.0	~~Red~~ med. gray SHALE
45.0	
50.0	END @ 48.6'

WELL SKETCH



INSTALLATION NOTES

Augered to 48.5' bgs. Installed 10' PVC 10-slot well screen from 38.5-48.5'. Installed well casing from 2.5' Ags to 38.5' bgs. Poured sand w/ water from 36.5-48.5' bgs. Poured bentonite pellets from ~~[illegible]~~ grouted to surface with cement + 5% bentonite. Installed locking protective cover and 2x2' cement pad.

WELL DEVELOPMENT NOTES

Bailed 30 gallons w/ stainless steel bailer. Bailed dry 4 times. Water turbid.