

**Via Email**

May 23, 2016

NC DEQ  
DWR – UIC Program  
1636 Mail Service Center  
Raleigh, NC 27699-1636



Attention: Mr. Michael Rogers, PG

Re: Injection Well Construction Records  
Injection Permit No. WI0500883  
Former ATL Site No. 48  
Pittsboro, North Carolina  
H&H Job No. DOT-515

Dear Michael:

On behalf of the North Carolina Department of Transportation, Hart and Hickman, PC is submitting the enclosed well construction records for six injection wells installed at the subject site in accordance with Injection Permit No. WI0500883. If you have any questions or need further information, please do not hesitate to contact us at 704-586-0007.

Sincerely,

***Hart & Hickman, PC***



Jeff Albano, PG  
Project Geologist



Matt Bramblett, PE  
Principal

Enclosure

cc: Mr. Chris Niver, NCDOT (Via Email)  
Ms. Anne Lowry, Chatham County Health Dept. (Via Email)

# WELL CONSTRUCTION RECORD

This form can be used for single or multiple wells

## 1. Well Contractor Information:

Robert Miller

Well Contractor Name

2675

NC Well Contractor Certification Number

SAEDACCO Inc

Company Name

**2. Well Construction Permit #:** WI0500883

List all applicable well permits (i.e. County, State, Variance, Injection, etc.)

## 3. Well Use (check well use):

### Water Supply Well:

- Agricultural  Municipal/Public  
 Geothermal (Heating/Cooling Supply)  Residential Water Supply (single)  
 Industrial/Commercial  Residential Water Supply (shared)  
 Irrigation

### Non-Water Supply Well:

- Monitoring  Recovery

### Injection Well:

- Aquifer Recharge  Groundwater Remediation  
 Aquifer Storage and Recovery  Salinity Barrier  
 Aquifer Test  Stormwater Drainage  
 Experimental Technology  Subsidence Control  
 Geothermal (Closed Loop)  Tracer  
 Geothermal (Heating/Cooling Return)  Other (explain under #21 Remarks)

**4. Date Well(s) Completed:** 4-26-2016 Well ID# BR-IW1

## 5a. Well Location:

NC DOT Site Injection Wells

Facility/Owner Name

Facility ID# (if applicable)

240 Sugar Lake Rd., Pittsboro, N.C., 27312

Physical Address, City, and Zip

Chatham

County

Parcel Identification No. (PIN)

**5b. Latitude and Longitude in degrees/minutes/seconds or decimal degrees:**  
(if well field, one lat/long is sufficient)

35.748171 N 79.091999 W

**6. Is (are) the well(s):**  Permanent or  Temporary

**7. Is this a repair to an existing well:**  Yes or  No

If this is a repair, fill out known well construction information and explain the nature of the repair under #21 remarks section or on the back of this form.

**8. Number of wells constructed:** 1

For multiple injection or non-water supply wells ONLY with the same construction, you can submit one form.

**9. Total well depth below land surface:** 60' (ft.)

For multiple wells list all depths if different (example- 3@200' and 2@100')

**10. Static water level below top of casing:** \_\_\_\_\_ (ft.)

If water level is above casing, use "+"

**11. Borehole diameter:** 6" (in.)

**12. Well construction method:** 6" Air Hammer

(i.e. auger, rotary, cable, direct push, etc.)

## FOR WATER SUPPLY WELLS ONLY:

**13a. Yield (gpm)** \_\_\_\_\_ **Method of test:** \_\_\_\_\_

**13b. Disinfection type:** \_\_\_\_\_ **Amount:** \_\_\_\_\_

For Internal Use ONLY:

## 14. WATER ZONES

FROM	TO	DESCRIPTION
ft.	ft.	
ft.	ft.	

## 15. OUTER CASING (for multi-cased wells) OR LINER (if applicable)

FROM	TO	DIAMETER	THICKNESS	MATERIAL
0 ft.	30' ft.	6" in.	SCH40	PVC

## 16. INNER CASING OR TUBING (geothermal closed-loop)

FROM	TO	DIAMETER	THICKNESS	MATERIAL
0 ft.	30' ft.	2" in.	SCH40	PVC
ft.	ft.	in.		

## 17. SCREEN

FROM	TO	DIAMETER	SLOT SIZE	THICKNESS	MATERIAL
30' ft.	60' ft.	2" in.	0.10	SCH40	PVC
ft.	ft.	in.			

## 18. GROUT

FROM	TO	MATERIAL	EMPLACEMENT METHOD & AMOUNT
0 ft.	30' ft.	Portland/bentonite	
0 ft.	26' ft.	Portland/bentonite	
ft.	ft.		

## 19. SAND/GRAVEL PACK (if applicable)

FROM	TO	MATERIAL	EMPLACEMENT METHOD
28' ft.	60' ft.	Silica Sand	20/30
ft.	ft.		

## 20. DRILLING LOG (attach additional sheets if necessary)

FROM	TO	DESCRIPTION (color, hardness, soil/rock type, grain size, etc.)
0 ft.	30' ft.	Tan Silt
30' ft.	35' ft.	PWR
35' ft.	60' ft.	Rock
ft.	ft.	
ft.	ft.	
ft.	ft.	
ft.	ft.	

## 21. REMARKS

Two feet bentonite seal from 26' to 28'

## 22. Certification:

Signature of Robert Miller Date 4/28/2016

By signing this form, I hereby certify that the well(s) was (were) constructed in accordance with 15A NCAC 02C .0100 or 15A NCAC 02C .0200 Well Construction Standards and that a copy of this record has been provided to the well owner.

## 23. Site diagram or additional well details:

You may use the back of this page to provide additional well site details or well construction details. You may also attach additional pages if necessary.

## SUBMITTAL INSTRUCTIONS

**24a. For All Wells:** Submit this form within 30 days of completion of well construction to the following:

Division of Water Resources, Information Processing Unit,  
1617 Mail Service Center, Raleigh, NC 27699-1617

**24b. For Injection Wells ONLY:** In addition to sending the form to the address in 24a above, also submit a copy of this form within 30 days of completion of well construction to the following:

Division of Water Resources, Underground Injection Control Program,  
1636 Mail Service Center, Raleigh, NC 27699-1636

## 24c. For Water Supply & Injection Wells:

Also submit one copy of this form within 30 days of completion of well construction to the county health department of the county where constructed.

# WELL CONSTRUCTION RECORD

This form can be used for single or multiple wells

## 1. Well Contractor Information:

Robert Miller

Well Contractor Name

2675

NC Well Contractor Certification Number

SAEDACCO Inc

Company Name

**2. Well Construction Permit #: WI0500883**

List all applicable well permits (i.e. County, State, Variance, Injection, etc.)

## 3. Well Use (check well use):

### Water Supply Well:

- Agricultural  Municipal/Public  
 Geothermal (Heating/Cooling Supply)  Residential Water Supply (single)  
 Industrial/Commercial  Residential Water Supply (shared)  
 Irrigation

### Non-Water Supply Well:

- Monitoring  Recovery

### Injection Well:

- Aquifer Recharge  Groundwater Remediation  
 Aquifer Storage and Recovery  Salinity Barrier  
 Aquifer Test  Stormwater Drainage  
 Experimental Technology  Subsidence Control  
 Geothermal (Closed Loop)  Tracer  
 Geothermal (Heating/Cooling Return)  Other (explain under #21 Remarks)

**4. Date Well(s) Completed:** 4-26-2016 **Well ID#** BR-IW2

## 5a. Well Location:

NC DOT Site Injection Wells

Facility/Owner Name

Facility ID# (if applicable)

240 Sugar Lake Rd., Pittsboro, N.C., 27312

Physical Address, City, and Zip

Chatham

County

Parcel Identification No. (PIN)

**5b. Latitude and Longitude in degrees/minutes/seconds or decimal degrees:**  
(if well field, one lat/long is sufficient)

35.748171 N 79.091999 W

**6. Is (are) the well(s):**  Permanent or  Temporary

**7. Is this a repair to an existing well:**  Yes or  No

If this is a repair, fill out known well construction information and explain the nature of the repair under #21 remarks section or on the back of this form.

**8. Number of wells constructed:** 1

For multiple injection or non-water supply wells ONLY with the same construction, you can submit one form.

**9. Total well depth below land surface:** 100' (ft.)

For multiple wells list all depths if different (example- 3@200' and 2@100')

**10. Static water level below top of casing:** \_\_\_\_\_ (ft.)

If water level is above casing, use "+"

**11. Borehole diameter:** 4" (in.)

**12. Well construction method:** 4" Air Hammer

(i.e. auger, rotary, cable, direct push, etc.)

## FOR WATER SUPPLY WELLS ONLY:

**13a. Yield (gpm)** \_\_\_\_\_ **Method of test:** \_\_\_\_\_

**13b. Disinfection type:** \_\_\_\_\_ **Amount:** \_\_\_\_\_

For Internal Use ONLY:

## 14. WATER ZONES

FROM	TO	DESCRIPTION
ft.	ft.	
ft.	ft.	

## 15. OUTER CASING (for multi-cased wells) OR LINER (if applicable)

FROM	TO	DIAMETER	THICKNESS	MATERIAL
0 ft.	60' ft.	4" in.	SCH40	PVC

## 16. INNER CASING OR TUBING (geothermal closed-loop)

FROM	TO	DIAMETER	THICKNESS	MATERIAL
ft.	ft.	in.		
ft.	ft.	in.		

## 17. SCREEN

FROM	TO	DIAMETER	SLOT SIZE	THICKNESS	MATERIAL
ft.	ft.	in.			
ft.	ft.	in.			

## 18. GROUT

FROM	TO	MATERIAL	EMPLACEMENT METHOD & AMOUNT
0 ft.	60' ft.	Portland/bentonite	
ft.	ft.		
ft.	ft.		

## 19. SAND/GRAVEL PACK (if applicable)

FROM	TO	MATERIAL	EMPLACEMENT METHOD
ft.	ft.		
ft.	ft.		

## 20. DRILLING LOG (attach additional sheets if necessary)

FROM	TO	DESCRIPTION (color, hardness, soil/rock type, grain size, etc.)
0 ft.	30' ft.	Tan Silt
30' ft.	35' ft.	PWR
35' ft.	100' ft.	100"
ft.	ft.	
ft.	ft.	
ft.	ft.	
ft.	ft.	

## 21. REMARKS

## 22. Certification:

Signature of Robert Miller Date 4/28/2016

By signing this form, I hereby certify that the well(s) was (were) constructed in accordance with 15A NCAC 02C .0100 or 15A NCAC 02C .0200 Well Construction Standards and that a copy of this record has been provided to the well owner.

## 23. Site diagram or additional well details:

You may use the back of this page to provide additional well site details or well construction details. You may also attach additional pages if necessary.

## SUBMITTAL INSTRUCTIONS

**24a. For All Wells:** Submit this form within 30 days of completion of well construction to the following:

Division of Water Resources, Information Processing Unit,  
1617 Mail Service Center, Raleigh, NC 27699-1617

**24b. For Injection Wells ONLY:** In addition to sending the form to the address in 24a above, also submit a copy of this form within 30 days of completion of well construction to the following:

Division of Water Resources, Underground Injection Control Program,  
1636 Mail Service Center, Raleigh, NC 27699-1636

## 24c. For Water Supply & Injection Wells:

Also submit one copy of this form within 30 days of completion of well construction to the county health department of the county where constructed.

# WELL CONSTRUCTION RECORD

This form can be used for single or multiple wells

## 1. Well Contractor Information:

Robert Miller

Well Contractor Name

2675

NC Well Contractor Certification Number

SAEDACCO Inc

Company Name

2. Well Construction Permit #: WI0500883

List all applicable well permits (i.e. County, State, Variance, Injection, etc.)

## 3. Well Use (check well use):

### Water Supply Well:

- Agricultural  Municipal/Public  
 Geothermal (Heating/Cooling Supply)  Residential Water Supply (single)  
 Industrial/Commercial  Residential Water Supply (shared)  
 Irrigation

### Non-Water Supply Well:

- Monitoring  Recovery

### Injection Well:

- Aquifer Recharge  Groundwater Remediation  
 Aquifer Storage and Recovery  Salinity Barrier  
 Aquifer Test  Stormwater Drainage  
 Experimental Technology  Subsidence Control  
 Geothermal (Closed Loop)  Tracer  
 Geothermal (Heating/Cooling Return)  Other (explain under #21 Remarks)

4. Date Well(s) Completed: 4-27-2016 Well ID# BR-IW3

## 5a. Well Location:

NC DOT Site Injection Wells

Facility/Owner Name

Facility ID# (if applicable)

240 Sugar Lake Rd., Pittsboro, N.C., 27312

Physical Address, City, and Zip

Chatham

County

Parcel Identification No. (PIN)

5b. Latitude and Longitude in degrees/minutes/seconds or decimal degrees:  
(if well field, one lat/long is sufficient)

35.748171 N 79.091999 W

6. Is (are) the well(s):  Permanent or  Temporary

7. Is this a repair to an existing well:  Yes or  No

If this is a repair, fill out known well construction information and explain the nature of the repair under #21 remarks section or on the back of this form.

8. Number of wells constructed: 1

For multiple injection or non-water supply wells ONLY with the same construction, you can submit one form.

9. Total well depth below land surface: 100' (ft.)

For multiple wells list all depths if different (example- 3@200' and 2@100')

10. Static water level below top of casing: \_\_\_\_\_ (ft.)

If water level is above casing, use "+"

11. Borehole diameter: 4" (in.)

12. Well construction method: 4" Air Hammer

(i.e. auger, rotary, cable, direct push, etc.)

## FOR WATER SUPPLY WELLS ONLY:

13a. Yield (gpm) \_\_\_\_\_ Method of test: \_\_\_\_\_

13b. Disinfection type: \_\_\_\_\_ Amount: \_\_\_\_\_

For Internal Use ONLY:

## 14. WATER ZONES

FROM	TO	DESCRIPTION
ft.	ft.	
ft.	ft.	

## 15. OUTER CASING (for multi-cased wells) OR LINER (if applicable)

FROM	TO	DIAMETER	THICKNESS	MATERIAL
0 ft.	60' ft.	4" in.	SCH40	PVC

## 16. INNER CASING OR TUBING (geothermal closed-loop)

FROM	TO	DIAMETER	THICKNESS	MATERIAL
ft.	ft.	in.		
ft.	ft.	in.		

## 17. SCREEN

FROM	TO	DIAMETER	SLOT SIZE	THICKNESS	MATERIAL
ft.	ft.	in.			
ft.	ft.	in.			

## 18. GROUT

FROM	TO	MATERIAL	EMPLACEMENT METHOD & AMOUNT
0 ft.	60' ft.	Portland/bentonite	
ft.	ft.		
ft.	ft.		

## 19. SAND/GRAVEL PACK (if applicable)

FROM	TO	MATERIAL	EMPLACEMENT METHOD
ft.	ft.		
ft.	ft.		

## 20. DRILLING LOG (attach additional sheets if necessary)

FROM	TO	DESCRIPTION (color, hardness, soil/rock type, grain size, etc.)
0 ft.	30' ft.	Tan Silt
30' ft.	35' ft.	PWR
35' ft.	100' ft.	100"
ft.	ft.	
ft.	ft.	
ft.	ft.	
ft.	ft.	

## 21. REMARKS

## 22. Certification:

Signature of Robert Miller Date 4/28/2016

By signing this form, I hereby certify that the well(s) was (were) constructed in accordance with 15A NCAC 02C .0100 or 15A NCAC 02C .0200 Well Construction Standards and that a copy of this record has been provided to the well owner.

## 23. Site diagram or additional well details:

You may use the back of this page to provide additional well site details or well construction details. You may also attach additional pages if necessary.

## SUBMITTAL INSTRUCTIONS

24a. For All Wells: Submit this form within 30 days of completion of well construction to the following:

Division of Water Resources, Information Processing Unit,  
1617 Mail Service Center, Raleigh, NC 27699-1617

24b. For Injection Wells ONLY: In addition to sending the form to the address in 24a above, also submit a copy of this form within 30 days of completion of well construction to the following:

Division of Water Resources, Underground Injection Control Program,  
1636 Mail Service Center, Raleigh, NC 27699-1636

## 24c. For Water Supply & Injection Wells:

Also submit one copy of this form within 30 days of completion of well construction to the county health department of the county where constructed.

# WELL CONSTRUCTION RECORD

This form can be used for single or multiple wells

## 1. Well Contractor Information:

Robert Miller

Well Contractor Name

2675

NC Well Contractor Certification Number

SAEDACCO Inc

Company Name

2. Well Construction Permit #: WI0500883

List all applicable well permits (i.e. County, State, Variance, Injection, etc.)

## 3. Well Use (check well use):

### Water Supply Well:

- Agricultural  Municipal/Public  
 Geothermal (Heating/Cooling Supply)  Residential Water Supply (single)  
 Industrial/Commercial  Residential Water Supply (shared)  
 Irrigation

### Non-Water Supply Well:

- Monitoring  Recovery

### Injection Well:

- Aquifer Recharge  Groundwater Remediation  
 Aquifer Storage and Recovery  Salinity Barrier  
 Aquifer Test  Stormwater Drainage  
 Experimental Technology  Subsidence Control  
 Geothermal (Closed Loop)  Tracer  
 Geothermal (Heating/Cooling Return)  Other (explain under #21 Remarks)

4. Date Well(s) Completed: 4-27-2016 Well ID# BR-IW4

## 5a. Well Location:

NC DOT Site Injection Wells

Facility/Owner Name

Facility ID# (if applicable)

240 Sugar Lake Rd., Pittsboro, N.C., 27312

Physical Address, City, and Zip

Chatham

County

Parcel Identification No. (PIN)

5b. Latitude and Longitude in degrees/minutes/seconds or decimal degrees:  
(if well field, one lat/long is sufficient)

35.748171 N 79.091999 W

6. Is (are) the well(s):  Permanent or  Temporary

7. Is this a repair to an existing well:  Yes or  No

If this is a repair, fill out known well construction information and explain the nature of the repair under #21 remarks section or on the back of this form.

8. Number of wells constructed: 1

For multiple injection or non-water supply wells ONLY with the same construction, you can submit one form.

9. Total well depth below land surface: 100' (ft.)

For multiple wells list all depths if different (example- 3@200' and 2@100')

10. Static water level below top of casing: \_\_\_\_\_ (ft.)

If water level is above casing, use "+"

11. Borehole diameter: 4" (in.)

12. Well construction method: 4" Air Hammer

(i.e. auger, rotary, cable, direct push, etc.)

## FOR WATER SUPPLY WELLS ONLY:

13a. Yield (gpm) \_\_\_\_\_ Method of test: \_\_\_\_\_

13b. Disinfection type: \_\_\_\_\_ Amount: \_\_\_\_\_

For Internal Use ONLY:

## 14. WATER ZONES

FROM	TO	DESCRIPTION
ft.	ft.	
ft.	ft.	

## 15. OUTER CASING (for multi-cased wells) OR LINER (if applicable)

FROM	TO	DIAMETER	THICKNESS	MATERIAL
0 ft.	60' ft.	4" in.	SCH40	PVC

## 16. INNER CASING OR TUBING (geothermal closed-loop)

FROM	TO	DIAMETER	THICKNESS	MATERIAL
ft.	ft.	in.		
ft.	ft.	in.		

## 17. SCREEN

FROM	TO	DIAMETER	SLOT SIZE	THICKNESS	MATERIAL
ft.	ft.	in.			
ft.	ft.	in.			

## 18. GROUT

FROM	TO	MATERIAL	EMPLACEMENT METHOD & AMOUNT
0 ft.	60' ft.	Portland/bentonite	
ft.	ft.		
ft.	ft.		

## 19. SAND/GRAVEL PACK (if applicable)

FROM	TO	MATERIAL	EMPLACEMENT METHOD
ft.	ft.		
ft.	ft.		

## 20. DRILLING LOG (attach additional sheets if necessary)

FROM	TO	DESCRIPTION (color, hardness, soil/rock type, grain size, etc.)
0 ft.	30' ft.	Tan Silt
30' ft.	35' ft.	PWR
35' ft.	100' ft.	100"
ft.	ft.	
ft.	ft.	
ft.	ft.	
ft.	ft.	

## 21. REMARKS

## 22. Certification:

Signature of Robert Miller Date 4/28/2016

By signing this form, I hereby certify that the well(s) was (were) constructed in accordance with 15A NCAC 02C .0100 or 15A NCAC 02C .0200 Well Construction Standards and that a copy of this record has been provided to the well owner.

## 23. Site diagram or additional well details:

You may use the back of this page to provide additional well site details or well construction details. You may also attach additional pages if necessary.

## SUBMITTAL INSTRUCTIONS

24a. For All Wells: Submit this form within 30 days of completion of well construction to the following:

Division of Water Resources, Information Processing Unit,  
1617 Mail Service Center, Raleigh, NC 27699-1617

24b. For Injection Wells ONLY: In addition to sending the form to the address in 24a above, also submit a copy of this form within 30 days of completion of well construction to the following:

Division of Water Resources, Underground Injection Control Program,  
1636 Mail Service Center, Raleigh, NC 27699-1636

## 24c. For Water Supply & Injection Wells:

Also submit one copy of this form within 30 days of completion of well construction to the county health department of the county where constructed.

# WELL CONSTRUCTION RECORD

This form can be used for single or multiple wells

## 1. Well Contractor Information:

Robert Miller

Well Contractor Name

2675

NC Well Contractor Certification Number

SAEDACCO Inc

Company Name

2. Well Construction Permit #: WI0500883

List all applicable well permits (i.e. County, State, Variance, Injection, etc.)

## 3. Well Use (check well use):

### Water Supply Well:

- Agricultural  Municipal/Public  
 Geothermal (Heating/Cooling Supply)  Residential Water Supply (single)  
 Industrial/Commercial  Residential Water Supply (shared)  
 Irrigation

### Non-Water Supply Well:

- Monitoring  Recovery

### Injection Well:

- Aquifer Recharge  Groundwater Remediation  
 Aquifer Storage and Recovery  Salinity Barrier  
 Aquifer Test  Stormwater Drainage  
 Experimental Technology  Subsidence Control  
 Geothermal (Closed Loop)  Tracer  
 Geothermal (Heating/Cooling Return)  Other (explain under #21 Remarks)

4. Date Well(s) Completed: 4-27-2016 Well ID# BR-IW5

## 5a. Well Location:

NC DOT Site Injection Wells

Facility/Owner Name

Facility ID# (if applicable)

240 Sugar Lake Rd., Pittsboro, N.C., 27312

Physical Address, City, and Zip

Chatham

County

Parcel Identification No. (PIN)

5b. Latitude and Longitude in degrees/minutes/seconds or decimal degrees:  
(if well field, one lat/long is sufficient)

35.748171 N 79.091999 W

6. Is (are) the well(s):  Permanent or  Temporary

7. Is this a repair to an existing well:  Yes or  No

If this is a repair, fill out known well construction information and explain the nature of the repair under #21 remarks section or on the back of this form.

8. Number of wells constructed: 1

For multiple injection or non-water supply wells ONLY with the same construction, you can submit one form.

9. Total well depth below land surface: 100' (ft.)

For multiple wells list all depths if different (example- 3@200' and 2@100')

10. Static water level below top of casing: \_\_\_\_\_ (ft.)

If water level is above casing, use "+"

11. Borehole diameter: 4" (in.)

12. Well construction method: 4" Air Hammer

(i.e. auger, rotary, cable, direct push, etc.)

## FOR WATER SUPPLY WELLS ONLY:

13a. Yield (gpm) \_\_\_\_\_ Method of test: \_\_\_\_\_

13b. Disinfection type: \_\_\_\_\_ Amount: \_\_\_\_\_

For Internal Use ONLY:

## 14. WATER ZONES

FROM	TO	DESCRIPTION
ft.	ft.	
ft.	ft.	

## 15. OUTER CASING (for multi-cased wells) OR LINER (if applicable)

FROM	TO	DIAMETER	THICKNESS	MATERIAL
0 ft.	60' ft.	4" in.	SCH40	PVC

## 16. INNER CASING OR TUBING (geothermal closed-loop)

FROM	TO	DIAMETER	THICKNESS	MATERIAL
ft.	ft.	in.		
ft.	ft.	in.		

## 17. SCREEN

FROM	TO	DIAMETER	SLOT SIZE	THICKNESS	MATERIAL
ft.	ft.	in.			
ft.	ft.	in.			

## 18. GROUT

FROM	TO	MATERIAL	EMPLACEMENT METHOD & AMOUNT
0 ft.	60' ft.	Portland/bentonite	
ft.	ft.		
ft.	ft.		

## 19. SAND/GRAVEL PACK (if applicable)

FROM	TO	MATERIAL	EMPLACEMENT METHOD
ft.	ft.		
ft.	ft.		

## 20. DRILLING LOG (attach additional sheets if necessary)

FROM	TO	DESCRIPTION (color, hardness, soil/rock type, grain size, etc.)
0 ft.	30' ft.	Tan Silt
30' ft.	35' ft.	PWR
35' ft.	100' ft.	100"
ft.	ft.	
ft.	ft.	
ft.	ft.	
ft.	ft.	

## 21. REMARKS

## 22. Certification:

Signature of Robert Miller Date 4/28/2016

By signing this form, I hereby certify that the well(s) was (were) constructed in accordance with 15A NCAC 02C .0100 or 15A NCAC 02C .0200 Well Construction Standards and that a copy of this record has been provided to the well owner.

## 23. Site diagram or additional well details:

You may use the back of this page to provide additional well site details or well construction details. You may also attach additional pages if necessary.

## SUBMITTAL INSTRUCTIONS

24a. For All Wells: Submit this form within 30 days of completion of well construction to the following:

Division of Water Resources, Information Processing Unit,  
1617 Mail Service Center, Raleigh, NC 27699-1617

24b. For Injection Wells ONLY: In addition to sending the form to the address in 24a above, also submit a copy of this form within 30 days of completion of well construction to the following:

Division of Water Resources, Underground Injection Control Program,  
1636 Mail Service Center, Raleigh, NC 27699-1636

## 24c. For Water Supply & Injection Wells:

Also submit one copy of this form within 30 days of completion of well construction to the county health department of the county where constructed.

# WELL CONSTRUCTION RECORD

This form can be used for single or multiple wells

## 1. Well Contractor Information:

Robert Miller

Well Contractor Name

2675

NC Well Contractor Certification Number

SAEDACCO Inc

Company Name

**2. Well Construction Permit #: WI0500883**

List all applicable well permits (i.e. County, State, Variance, Injection, etc.)

## 3. Well Use (check well use):

### Water Supply Well:

- Agricultural  Municipal/Public  
 Geothermal (Heating/Cooling Supply)  Residential Water Supply (single)  
 Industrial/Commercial  Residential Water Supply (shared)  
 Irrigation

### Non-Water Supply Well:

- Monitoring  Recovery

### Injection Well:

- Aquifer Recharge  Groundwater Remediation  
 Aquifer Storage and Recovery  Salinity Barrier  
 Aquifer Test  Stormwater Drainage  
 Experimental Technology  Subsidence Control  
 Geothermal (Closed Loop)  Tracer  
 Geothermal (Heating/Cooling Return)  Other (explain under #21 Remarks)

**4. Date Well(s) Completed:** 4-28-2016 **Well ID#** BR-IW6

## 5a. Well Location:

NC DOT Site Injection Wells

Facility/Owner Name

Facility ID# (if applicable)

240 Sugar Lake Rd., Pittsboro, N.C., 27312

Physical Address, City, and Zip

Chatham

County

Parcel Identification No. (PIN)

**5b. Latitude and Longitude in degrees/minutes/seconds or decimal degrees:**  
(if well field, one lat/long is sufficient)

35.748171 N 79.091999 W

**6. Is (are) the well(s):**  Permanent or  Temporary

**7. Is this a repair to an existing well:**  Yes or  No

If this is a repair, fill out known well construction information and explain the nature of the repair under #21 remarks section or on the back of this form.

**8. Number of wells constructed:** 1

For multiple injection or non-water supply wells ONLY with the same construction, you can submit one form.

**9. Total well depth below land surface:** 112' (ft.)

For multiple wells list all depths if different (example- 3@200' and 2@100')

**10. Static water level below top of casing:** \_\_\_\_\_ (ft.)

If water level is above casing, use "+"

**11. Borehole diameter:** 4" (in.)

**12. Well construction method:** 4" Air Hammer

(i.e. auger, rotary, cable, direct push, etc.)

## FOR WATER SUPPLY WELLS ONLY:

**13a. Yield (gpm)** \_\_\_\_\_ **Method of test:** \_\_\_\_\_

**13b. Disinfection type:** \_\_\_\_\_ **Amount:** \_\_\_\_\_

For Internal Use ONLY:

## 14. WATER ZONES

FROM	TO	DESCRIPTION
ft.	ft.	
ft.	ft.	

## 15. OUTER CASING (for multi-cased wells) OR LINER (if applicable)

FROM	TO	DIAMETER	THICKNESS	MATERIAL
0 ft.	60' ft.	4" in.	SCH40	PVC

## 16. INNER CASING OR TUBING (geothermal closed-loop)

FROM	TO	DIAMETER	THICKNESS	MATERIAL
ft.	ft.	in.		
ft.	ft.	in.		

## 17. SCREEN

FROM	TO	DIAMETER	SLOT SIZE	THICKNESS	MATERIAL
ft.	ft.	in.			
ft.	ft.	in.			

## 18. GROUT

FROM	TO	MATERIAL	EMPLACEMENT METHOD & AMOUNT
0 ft.	60' ft.	Portland/bentonite	
ft.	ft.		
ft.	ft.		

## 19. SAND/GRAVEL PACK (if applicable)

FROM	TO	MATERIAL	EMPLACEMENT METHOD
ft.	ft.		
ft.	ft.		

## 20. DRILLING LOG (attach additional sheets if necessary)

FROM	TO	DESCRIPTION (color, hardness, soil/rock type, grain size, etc.)
0 ft.	30' ft.	Tan Silt
30' ft.	35' ft.	PWR
35' ft.	100' ft.	Rock
ft.	ft.	
ft.	ft.	
ft.	ft.	
ft.	ft.	

## 21. REMARKS

## 22. Certification:

Signature of Robert Miller Date 4/28/2016

By signing this form, I hereby certify that the well(s) was (were) constructed in accordance with 15A NCAC 02C .0100 or 15A NCAC 02C .0200 Well Construction Standards and that a copy of this record has been provided to the well owner.

## 23. Site diagram or additional well details:

You may use the back of this page to provide additional well site details or well construction details. You may also attach additional pages if necessary.

## SUBMITTAL INSTRUCTIONS

**24a. For All Wells:** Submit this form within 30 days of completion of well construction to the following:

Division of Water Resources, Information Processing Unit,  
1617 Mail Service Center, Raleigh, NC 27699-1617

**24b. For Injection Wells ONLY:** In addition to sending the form to the address in 24a above, also submit a copy of this form within 30 days of completion of well construction to the following:

Division of Water Resources, Underground Injection Control Program,  
1636 Mail Service Center, Raleigh, NC 27699-1636

## 24c. For Water Supply & Injection Wells:

Also submit one copy of this form within 30 days of completion of well construction to the county health department of the county where constructed.