

9606-MSWLF-1998

OPERATION/CONSTRUCTION MANAGERS

CIVIL/SANITARY ENGINEERS

**Municipal
Services**



**Engineering
Company, P.A.**

P.O. Box 97, Garner, North Carolina 27529 (919)772-5393

P.O. Box 349, Boone, North Carolina 28607 (704)262-1767

November 10, 1997

Bobby Lutfy, Hydrogeologist
Solid Waste Section
Division of Solid Waste Management
State of North Carolina Department of Environment,
Health and Natural Resources
401 Oberlin Road
Raleigh, North Carolina 27611

Reference: Wayne County Lined Landfill
Project Number: G95024.7

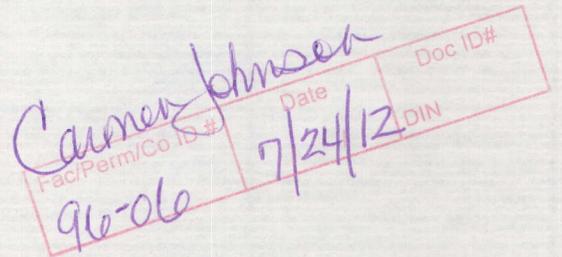
Dear Mr. Lutfy,

Enclosed are piezometer abandonment records for the Wayne County Lined Landfill. All piezometers were abandoned October 27-29, 1997.

If you have any questions, please don't hesitate to call.

Sincerely,
MUNICIPAL ENGINEERING SERVICES CO., P. A.

Richard R. Allison
Geologist



North Carolina
 Department of Environment, Health, & Natural Resources
 Division of Environmental Management
 Groundwater Section
 P.O. Box 29578 - Raleigh, N.C. 27626-0578

WELL ABANDONMENT RECORD

CONTRACTOR CAROLINA DRILLING

REG. NO. 1549

1. WELL LOCATION: (Show a sketch of the location on back of form.)

Nearest Town: DUDLEY County WAYNE

LANDFILL ROAD
 (Road, Community, Subdivision, Lot No.)

SW GOLDSBORO
 Quadrangle No:

2. OWNER: WAYNE COUNTY

3. ADDRESS: 460B LANDFILL ROAD DUDLEY, NC
28333

4. TOPOGRAPHY : draw, slope, hilltop, valley, flat

5. USE OF WELL: PIEZOMETER DATE: 10/29/97

6. TOTAL DEPTH: 20' DIAMETER: 1"

7. CASING REMOVED:

feet	diameter
<u>20</u>	<u>1"</u>

8. SEALING MATERIAL:

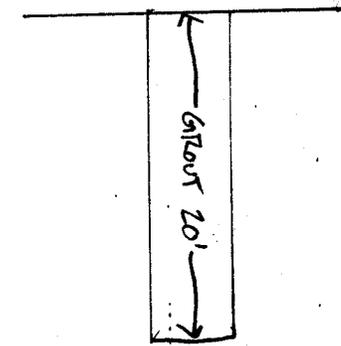
Neat cement	Sand cement
bags of cement <u>1</u>	bags of cement _____
gals. of water <u>6</u>	yds. of sand _____
	gals. of water _____

Other
 Type material _____
 Amount _____

9. EXPLAIN METHOD OF EMPLACEMENT OF MATERIAL.
GROUT TRIMMED FROM BOTTOM OF HOLE.

WELL DIAGRAM: Draw a detailed sketch of the well showing total depth, depth and diameter of screens remaining in the well, gravel interval, intervals of casing perforations, and depths and types of fill materials used.

P3



I do hereby certify that this well abandonment record is true and exact.

Signature of Contractor or Agent Pat R. Mc Date 11/10/97

WELL LOCATION: Draw a location sketch on the reverse of this sheet, showing the direction and distance of the well to at least two (2) nearby reference points such as roads, intersections and streams. Identify roads with State Highway road identification numbers.

Submit original to the Division of Environmental Management, one copy to the Driller, and one copy to the owner.

North Carolina
Department of Environment, Health, & Natural Resources
Division of Environmental Management
Groundwater Section
P.O. Box 29578 - Raleigh, N.C. 27626-0578

WELL ABANDONMENT RECORD

CONTRACTOR CAROLINA DRILLING

REG. NO. 1549

1. WELL LOCATION: (Show a sketch of the location on back of form.)

Nearest Town: DUDLEY County WAYNE

LANDFILL ROAD
(Road, Community, Subdivision, Lot No.)

SW GOLDSBORO
Quadrangle No.

2. OWNER: WAYNE COUNTY

3. ADDRESS: 4603 LANDFILL ROAD DUDLEY, NC
28333

4. TOPOGRAPHY: draw, slope, hilltop, valley, flat

5. USE OF WELL: PIEZOMETER DATE: 10/29/97

6. TOTAL DEPTH: 20' DIAMETER: 1"

7. CASING REMOVED:
feet 20 diameter 1"

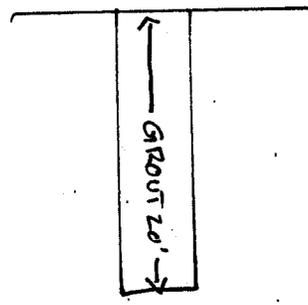
8. SEALING MATERIAL:
Neat cement bags of cement 1 Sand cement bags of cement _____
gals. of water 6 yds. of sand _____
gals. of water _____

Other Type material _____
Amount _____

9. EXPLAIN METHOD OF EMPLACEMENT OF MATERIAL.
GROUT WAS TRIMMED FROM BOTTOM OF HOLE.

WELL DIAGRAM: Draw a detailed sketch of the well showing total depth, depth and diameter of screens remaining in the well, gravel interval, intervals of casing perforations, and depths and types of fill materials used.

PH



I do hereby certify that this well abandonment record is true and exact.

Signature of Contractor or Agent [Signature] Date 11/10/97

WELL LOCATION: Draw a location sketch on the reverse of this sheet, showing the direction and distance of the well to at least two (2) nearby reference points such as roads, intersections and streams. Identify roads with State Highway road identification numbers.

Submit original to the Division of Environmental Management, one copy to the Driller, and one copy to the owner.

North Carolina
Department of Environment, Health, & Natural Resources
Division of Environmental Management
Groundwater Section
P.O. Box 29578 - Raleigh, N.C. 27626-0578

WELL ABANDONMENT RECORD

CONTRACTOR CAROLINA DRILLING

REG. NO. 1549

1. WELL LOCATION: (Show a sketch of the location on back of form.)

Nearest Town: DUDLEY County WAYNE

LANDFILL ROAD
(Road, Community, Subdivision, Lot No.)

SW GOLDSBORO
Quadrangle No.

2. OWNER: WAYNE COUNTY

3. ADDRESS: 460B LANDFILL ROAD DUDLEY, NC
28333

4. TOPOGRAPHY: draw, slope, hilltop, valley, flat

5. USE OF WELL: PIEZOMETER DATE: 10/29/97

6. TOTAL DEPTH: 20' DIAMETER: 2"

7. CASING REMOVED:
feet 20 diameter 2"

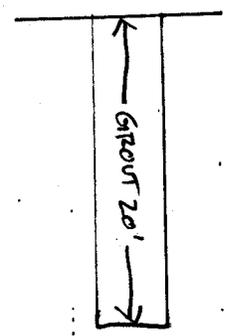
8. SEALING MATERIAL:
Neat cement bags of cement 1 Sand cement bags of cement _____
gals. of water 6 yds. of sand _____
gals. of water _____

Other Type material _____
Amount _____

9. EXPLAIN METHOD EMPLACEMENT OF MATERIAL.
GROUT WAS TRIMMED FROM BOTTOM OF HOLE.

WELL DIAGRAM: Draw a detailed sketch of the well showing total depth, depth and diameter of screens remaining in the well, gravel interval, intervals of casing perforations, and depths and types of fill materials used.

P4A



I do hereby certify that this well abandonment record is true and exact.

Signature of Contractor or Agent [Signature]

Date 11/10/97

WELL LOCATION: Draw a location sketch on the reverse of this sheet, showing the direction and distance of the well to at least two (2) nearby reference points such as roads, intersections and streams. Identify roads with State Highway road identification numbers.

Submit original to the Division of Environmental Management, one copy to the Driller, and one copy to the owner.

North Carolina
 Department of Environment, Health, & Natural Resources
 Division of Environmental Management
 Groundwater Section
 P.O. Box 29578 - Raleigh, N.C. 27626-0578

WELL ABANDONMENT RECORD

CONTRACTOR CAROLINA DRILLING

REG. NO. 1549

1. WELL LOCATION: (Show a sketch of the location on back of form.)

Nearest Town: DUDLEY County WAYNE

LANDFILL ROAD
 (Road, Community, Subdivision, Lot No.)

SW GOLDSBORO
 Quadrangle No.

2. OWNER: WAYNE COUNTY

3. ADDRESS: 4603 LANDFILL ROAD DUDLEY, NC
 28333

4. TOPOGRAPHY : draw, slope, hilltop, valley, flat

5. USE OF WELL: PIEZOMETER DATE: 10/29/97

6. TOTAL DEPTH: 15' DIAMETER: 1"

7. CASING REMOVED:

feet	diameter
<u>15</u>	<u>1"</u>

8. SEALING MATERIAL:

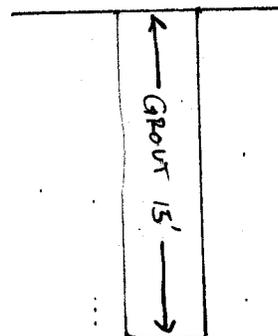
Neat cement bags of cement <u>1</u> gals. of water <u>6</u>	Sand cement bags of cement _____ yds. of sand _____ gals. of water _____
---	---

Other
 Type material _____
 Amount _____

9. EXPLAIN METHOD EMPLACEMENT OF MATERIAL.
GRAUT TRIMMED FROM BOTTOM OF HOLE.

WELL DIAGRAM: Draw a detailed sketch of the well showing total depth, depth and diameter of screens remaining in the well, gravel interval, intervals of casing perforations, and depths and types of fill materials used.

P7



I do hereby certify that this well abandonment record is true and exact.

Signature of Contractor or Agent Ruth P. Shi Date 11/10/97

WELL LOCATION: Draw a location sketch on the reverse of this sheet, showing the direction and distance of the well to at least two (2) nearby reference points such as roads, intersections and streams. Identify roads with State Highway road identification numbers.

Submit original to the Division of Environmental Management, one copy to the Driller, and one copy to the owner.

North Carolina
 Department of Environment, Health, & Natural Resources
 Division of Environmental Management
 Groundwater Section
 P.O. Box 29578 - Raleigh, N.C. 27626-0578

WELL ABANDONMENT RECORD

CONTRACTOR CAROLINA DRILLING

REG. NO. 1549

1. WELL LOCATION: (Show a sketch of the location on back of form.)

Nearest Town: DUDLEY County WAYNE

LANDFILL ROAD
 (Road, Community, Subdivision, Lot No.)

SW GOLDSBORO
 Quadrangle No.

2. OWNER: WAYNE COUNTY

3. ADDRESS: 4603 LANDFILL ROAD DUDLEY, NC
 28333

4. TOPOGRAPHY : draw, slope, hilltop, valley, flat

5. USE OF WELL: PIEZOMETER DATE: 10/27/97

6. TOTAL DEPTH: 15' DIAMETER: 1"

7. CASING REMOVED:

feet	diameter
<u>15</u>	<u>1"</u>

8. SEALING MATERIAL:

Neat cement bags of cement <u>1</u>	Sand cement bags of cement _____
gals. of water <u>6</u>	yds. of sand _____
	gals. of water _____

Other

Type material _____

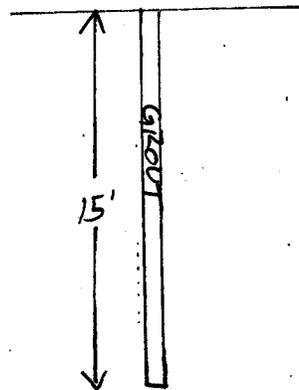
Amount _____

9. EXPLAIN METHOD EMPLACEMENT OF MATERIAL.

GRout TRIMMED FROM BOTTOM OF HOLE.

WELL DIAGRAM: Draw a detailed sketch of the well showing total depth, depth and diameter of screens remaining in the well, gravel interval, intervals of casing perforations, and depths and types of fill materials used.

P8



I do hereby certify that this well abandonment record is true and exact.

Signature of Contractor or Agent Richard R. Smith Date 11/6/97

WELL LOCATION: Draw a location sketch on the reverse of this sheet, showing the direction and distance of the well to at least two (2) nearby reference points such as roads, intersections and streams. Identify roads with State Highway road identification numbers.

Submit original to the Division of Environmental Management, one copy to the Driller, and one copy to the owner.

North Carolina
 Department of Environment, Health, & Natural Resources
 Division of Environmental Management
 Groundwater Section
 P.O. Box 29578 - Raleigh, N.C. 27626-0578

WELL ABANDONMENT RECORD

CONTRACTOR CAROLINA DRILLING

REG. NO. 1549

1. WELL LOCATION: (Show a sketch of the location on back of form.)

Nearest Town: DUDLEY

County WAYNE

LANDFILL ROAD

(Road, Community, Subdivision, Lot No.)

SW GOLDSBORO

Quadrangle No.

2. OWNER: WAYNE COUNTY

3. ADDRESS: 460B LANDFILL ROAD DUDLEY, NC
28333

4. TOPOGRAPHY : draw, slope, hilltop, valley, flat

5. USE OF WELL: PIEZOMETER DATE: 10/29/97

6. TOTAL DEPTH: 20' DIAMETER: 1"

7. CASING REMOVED:

feet

diameter

20'

1"

8. SEALING MATERIAL:

Neat cement
bags of cement 1

Sand cement
bags of cement _____

gals. of water 6

yds. of sand _____

gals. of water _____

Other

Type material _____

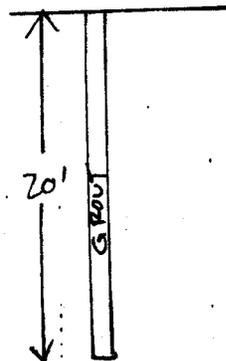
Amount _____

9. EXPLAIN METHOD: EMPLACEMENT OF MATERIAL.

GROUT TRIMMED FROM BOTTOM OF HOLE.

WELL DIAGRAM: Draw a detailed sketch of the well showing total depth, depth and diameter of screens remaining in the well, gravel interval, intervals of casing perforations, and depths and types of fill materials used.

P9



I do hereby certify that this well abandonment record is true and exact.

Signature of Contractor or Agent Rita/R. Allen

Date 11/6/97

WELL LOCATION: Draw a location sketch on the reverse of this sheet, showing the direction and distance of the well to at least two (2) nearby reference points such as roads, intersections and streams. Identify roads with State High way road identification numbers.

Submit original to the Division of Environmental Management, one copy to the Driller, and one copy to the owner.

North Carolina
Department of Environment, Health, & Natural Resources
Division of Environmental Management
Groundwater Section
P.O. Box 29578 - Raleigh, N.C. 27626-0578

WELL ABANDONMENT RECORD

CONTRACTOR CAROLINA DRILLING

REG. NO. 1549

1. WELL LOCATION: (Show a sketch of the location on back of form.)

Nearest Town: DUDLEY County WAYNE

LANDFILL ROAD
(Road, Community, Subdivision, Lot No.)

SW GOLDSBORO
Quadrangle No:

2. OWNER: WAYNE COUNTY

3. ADDRESS: 4603 LANDFILL ROAD DUDLEY, NC
28333

4. TOPOGRAPHY: draw, slope, hilltop, valley, flat

5. USE OF WELL: PIEZOMETER DATE: 10/29/97

6. TOTAL DEPTH: 15' DIAMETER: 2"

7. CASING REMOVED:
feet 15 diameter 2"

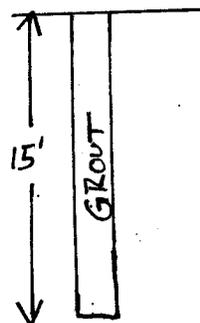
8. SEALING MATERIAL:
Neat cement bags of cement 1 Sand cement bags of cement _____
gals. of water 6 yds. of sand _____
gals. of water _____

Other Type material _____
Amount _____

9. EXPLAIN METHOD OF EMPLACEMENT OF MATERIAL.
GROUT TRIMMED FROM BOTTOM OF HOLE.

WELL DIAGRAM: Draw a detailed sketch of the well showing total depth, depth and diameter of screens remaining in the well, gravel interval, intervals of casing perforations, and depths and types of fill materials used.

P9A



I do hereby certify that this well abandonment record is true and exact.

Signature of Contractor or Agent Ruth R. Allen Date 11/6/97

WELL LOCATION: Draw a location sketch on the reverse of this sheet, showing the direction and distance of the well to at least two (2) nearby reference points such as roads, intersections and streams. Identify roads with State Highway road identification numbers.

Submit original to the Division of Environmental Management, one copy to the Driller, and one copy to the owner.

North Carolina
 Department of Environment, Health, & Natural Resources
 Division of Environmental Management
 Groundwater Section
 P.O. Box 29578 - Raleigh, N.C. 27626-0578

WELL ABANDONMENT RECORD

CONTRACTOR CAROLINA DRILLING

REG. NO. 1549

1. WELL LOCATION: (Show a sketch of the location on back of form.)

Nearest Town: DUDLEY County WAYNE

LANDFILL ROAD
 (Road, Community, Subdivision, Lot No.)

SW GOLDSBORO
 Quadrangle No.

2. OWNER: WAYNE COUNTY

3. ADDRESS: 460B LANDFILL ROAD DUDLEY, NC
 28333

4. TOPOGRAPHY: draw, slope, hilltop, valley, flat

5. USE OF WELL: PIEZOMETER DATE: 6/29/97

6. TOTAL DEPTH: 20' DIAMETER: 1"

7. CASING REMOVED:

feet	diameter
<u>20</u>	<u>1"</u>
_____	_____

8. SEALING MATERIAL:

<u>Neat cement</u>	<u>Sand cement</u>
bags of cement <u>1</u>	bags of cement _____
gals. of water <u>6</u>	yds. of sand _____
	gals. of water _____

Other Type material _____

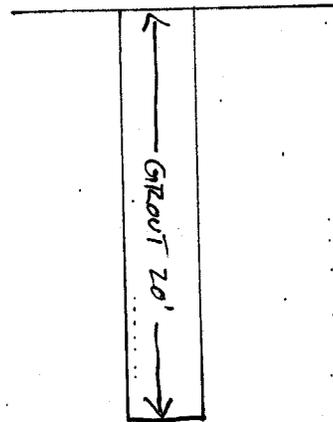
Amount _____

9. EXPLAIN METHOD OF EMPLACEMENT OF MATERIAL.

GROUT TRIMMED FROM BOTTOM OF HOLE.

WELL DIAGRAM: Draw a detailed sketch of the well showing total depth, depth and diameter of screens remaining in the well, gravel interval, intervals of casing perforations, and depths and types of fill materials used.

P10



I do hereby certify that this well abandonment record is true and exact.

Signature of Contractor or Agent [Signature] Date 11/10/97

WELL LOCATION: Draw a location sketch on the reverse of this sheet, showing the direction and distance of the well to at least two (2) nearby reference points such as roads, intersections and streams. Identify roads with State Highway road identification numbers.

Submit original to the Division of Environmental Management, one copy to the Driller, and one copy to the owner.

North Carolina
 Department of Environment, Health, & Natural Resources
 Division of Environmental Management
 Groundwater Section
 P.O. Box 29578 - Raleigh, N.C. 27626-0578

WELL ABANDONMENT RECORD

CONTRACTOR CAROLINA DRILLING

REG. NO. 1549

1. WELL LOCATION: (Show a sketch of the location on back of form.)

Nearest Town: DUDLEY County WAYNE

LANDFILL ROAD
 (Road, Community, Subdivision, Lot No.)

SW GOLDSBORO
 Quadrangle No.

2. OWNER: WAYNE COUNTY

3. ADDRESS: 4603 LANDFILL ROAD DUDLEY, NC
28333

4. TOPOGRAPHY: draw, slope, hilltop, valley, flat

5. USE OF WELL: PIEZOMETER DATE: 10/29/97

6. TOTAL DEPTH: 20' DIAMETER: 2"

7. CASING REMOVED:

feet	diameter
<u>20</u>	<u>2"</u>

8. SEALING MATERIAL:

<u>Neat cement</u>	<u>Sand cement</u>
bags of cement <u>1</u>	bags of cement _____
gals. of water <u>6</u>	yds. of sand _____
	gals. of water _____

Other

Type material _____

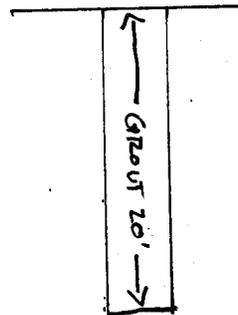
Amount _____

9. EXPLAIN METHOD OF EMPLACEMENT OF MATERIAL.

GROUT TRIMMED FROM BOTTOM OF HOLE.

WELL DIAGRAM: Draw a detailed sketch of the well showing total depth, depth and diameter of screens remaining in the well, gravel interval, intervals of casing perforations, and depths and types of fill materials used.

P10A



I do hereby certify that this well abandonment record is true and exact.

Signature of Contractor or Agent R. J. R. AM

Date 11/10/97

WELL LOCATION: Draw a location sketch on the reverse of this sheet, showing the direction and distance of the well to at least two (2) nearby reference points such as roads, intersections and streams. Identify roads with State Highway road identification numbers.

Submit original to the Division of Environmental Management, one copy to the Driller, and one copy to the owner.

North Carolina
 Department of Environment, Health, & Natural Resources
 Division of Environmental Management
 Groundwater Section
 P.O. Box 29578 - Raleigh, N.C. 27626-0578

WELL ABANDONMENT RECORD

CONTRACTOR CAROLINA DRILLING

REG. NO. 1549

1. WELL LOCATION: (Show a sketch of the location on back of form.)

Nearest Town: DUDLEY County WAYNE

LANDFILL ROAD
(Road, Community, Subdivision, Lot No.)

SW GOLDSBORO
Quadrangle No.

2. OWNER: WAYNE COUNTY

3. ADDRESS: 460B LANDFILL ROAD DUDLEY, NC
28333

4. TOPOGRAPHY : draw, slope, hilltop, valley, flat

5. USE OF WELL: PIEZOMETER DATE: 10/27/97

6. TOTAL DEPTH: 15' DIAMETER: 1"

7. CASING REMOVED:

feet	diameter
<u>15</u>	<u>1"</u>
_____	_____

8. SEALING MATERIAL:

<u>Neat cement</u>	<u>Sand cement</u>
bags of cement <u>1</u>	bags of cement _____
gals. of water <u>6</u>	yds. of sand _____
	gals. of water _____

Other

Type material _____

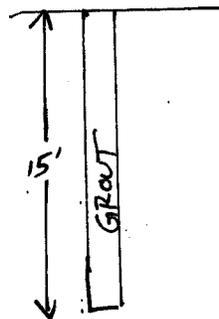
Amount _____

9. EXPLAIN METHOD: EMPLACEMENT OF MATERIAL.

GROUT TRIMMED FROM BOTTOM OF HOLE

WELL DIAGRAM: Draw a detailed sketch of the well showing total depth, depth and diameter of screens remaining in the well, gravel interval, intervals of casing perforations, and depths and types of fill materials used.

P11



I do hereby certify that this well abandonment record is true and exact.

Signature of Contractor or Agent [Signature] Date 11/6/97

WELL LOCATION: Draw a location sketch on the reverse of this sheet, showing the direction and distance of the well to at least two (2) nearby reference points such as roads, intersections and streams. Identify roads with State Highway road identification numbers.

Submit original to the Division of Environmental Management, one copy to the Driller, and one copy to the owner.

North Carolina
Department of Environment, Health, & Natural Resources
Division of Environmental Management
Groundwater Section
P.O. Box 29578 - Raleigh, N.C. 27626-0578

WELL ABANDONMENT RECORD

CONTRACTOR CAROLINA DRILLING

REG. NO. 1549

1. WELL LOCATION: (Show a sketch of the location on back of form.)

Nearest Town: DUDLEY County WAYNE

LANDFILL ROAD
(Road, Community, Subdivision, Lot No.)

SW GOLDSBORO
Quadrangle No.

2. OWNER: WAYNE COUNTY

3. ADDRESS: 4603 LANDFILL ROAD DUDLEY, NC
28333

4. TOPOGRAPHY: draw, slope, hilltop, valley, flat

5. USE OF WELL: PIEZOMETER DATE: 10/29/97

6. TOTAL DEPTH: 10' DIAMETER: 1"

7. CASING REMOVED:

feet	diameter
<u>10</u>	<u>1"</u>
_____	_____

8. SEALING MATERIAL:

<u>Neat cement</u> bags of cement <u>1</u>	<u>Sand cement</u> bags of cement _____
gals. of water <u>6</u>	yds. of sand _____
	gals. of water _____

Other

Type material _____

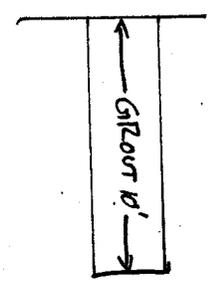
Amount _____

9. EXPLAIN METHOD EMPLACEMENT OF MATERIAL.

GROUT TRIMMED FROM BOTTOM OF HOLE

WELL DIAGRAM: Draw a detailed sketch of the well showing total depth, depth and diameter of screens remaining in the well, gravel interval, intervals of casing perforations, and depths and types of fill materials used.

P12



I do hereby certify that this well abandonment record is true and exact.

Signature of Contractor or Agent Richard R. Smith Date 11/10/97

WELL LOCATION: Draw a location sketch on the reverse of this sheet, showing the direction and distance of the well to at least two (2) nearby reference points such as roads, intersections and streams. Identify roads with State Highway road identification numbers.

Submit original to the Division of Environmental Management, one copy to the Driller, and one copy to the owner.

North Carolina
Department of Environment, Health, & Natural Resources
Division of Environmental Management
Groundwater Section
P.O. Box 29578 - Raleigh, N.C. 27626-0578

WELL ABANDONMENT RECORD

CONTRACTOR CAROLINA DRILLING

REG. NO. 1549

1. WELL LOCATION: (Show a sketch of the location on back of form.)

Nearest Town: DUDLEY County WAYNE

LANDFILL ROAD
(Road, Community, Subdivision, Lot No.)

SW GOLDSBORO
Quadrangle No.

2. OWNER: WAYNE COUNTY

3. ADDRESS: 4603 LANDFILL ROAD DUDLEY, NC
28333

4. TOPOGRAPHY: draw, slope, hilltop, valley, flat

5. USE OF WELL: PIEZOMETER DATE: 10/29/97

6. TOTAL DEPTH: 15' DIAMETER: 1"

7. CASING REMOVED:
feet 15 diameter 1"

8. SEALING MATERIAL:
Neat cement bags of cement 1 Sand cement bags of cement _____
gals. of water 6 yds. of sand _____
gals. of water _____

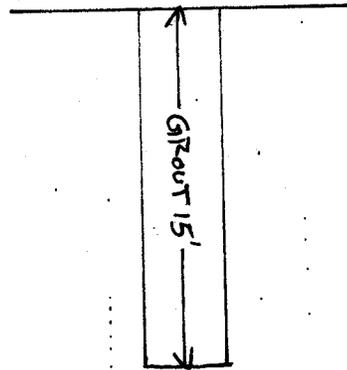
Other Type material _____

Amount _____

9. EXPLAIN METHOD OF EMPLACEMENT OF MATERIAL.
GROUT TRIMMED FROM BOTTOM OF HOLE

WELL DIAGRAM: Draw a detailed sketch of the well showing total depth, depth and diameter of screens remaining in the well, gravel interval, intervals of casing perforations, and depths and types of fill materials used.

P13



I do hereby certify that this well abandonment record is true and exact.

Signature of Contractor or Agent Patricia R. Mc... Date 11/10/97

WELL LOCATION: Draw a location sketch on the reverse of this sheet, showing the direction and distance of the well to at least two (2) nearby reference points such as roads, intersections and streams. Identify roads with State Highway road identification numbers.

Submit original to the Division of Environmental Management, one copy to the Driller, and one copy to the owner.

North Carolina
Department of Environment, Health, & Natural Resources
Division of Environmental Management
Groundwater Section
P.O. Box 29578 - Raleigh, N.C. 27626-0578

WELL ABANDONMENT RECORD

CONTRACTOR CAROLINA DRILLING

REG. NO. 1549

1. WELL LOCATION: (Show a sketch of the location on back of form.)

Nearest Town: DUDLEY County WAYNE

LANDFILL ROAD
(Road, Community, Subdivision, Lot No.)

SW GOLDSBORO
Quadrangle No.

2. OWNER: WAYNE COUNTY

3. ADDRESS: 460B LANDFILL ROAD DUDLEY, NC
28333

4. TOPOGRAPHY: draw, slope, hilltop, valley, flat

5. USE OF WELL: PIEZOMETER DATE: 10/27/97

6. TOTAL DEPTH: 20' DIAMETER: 1"

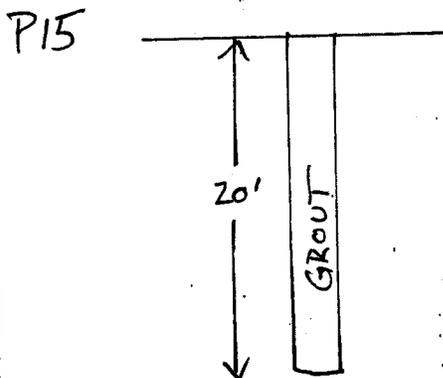
7. CASING REMOVED:
feet 20' diameter 1"

8. SEALING MATERIAL:
Neat cement bags of cement 1.5 Sand cement bags of cement _____
gals. of water 8 yds. of sand _____
gals. of water _____

Other Type material _____
Amount _____

9. EXPLAIN METHOD EMPLACEMENT OF MATERIAL.
GROUT TRIMMED FROM BOTTOM OF HOLE

WELL DIAGRAM: Draw a detailed sketch of the well showing total depth, depth and diameter of screens remaining in the well, gravel interval, intervals of casing perforations, and depths and types of fill materials used.



I do hereby certify that this well abandonment record is true and exact.

Signature of Contractor or Agent Rachel R. [Signature] Date 11/6/97

WELL LOCATION: Draw a location sketch on the reverse of this sheet, showing the direction and distance of the well to at least two (2) nearby reference points such as roads, intersections and streams. Identify roads with State Highway road identification numbers.

Submit original to the Division of Environmental Management, one copy to the Driller, and one copy to the owner.

North Carolina
 Department of Environment, Health, & Natural Resources
 Division of Environmental Management
 Groundwater Section
 P.O. Box 29578 - Raleigh, N.C. 27626-0578

WELL ABANDONMENT RECORD

CONTRACTOR CAROLINA DRILLING

REG. NO. 1549

1. WELL LOCATION: (Show a sketch of the location on back of form.)

Nearest Town: DUDLEY County WAYNE

LANDFILL ROAD
 (Road, Community, Subdivision, Lot No.)

SW GOLDSBORO
 Quadrangle No.

2. OWNER: WAYNE COUNTY

3. ADDRESS: 4603 LANDFILL ROAD DUDLEY, NC
28333

4. TOPOGRAPHY: draw, slope, hilltop, valley, flat

5. USE OF WELL: PIEZOMETER DATE: 10/28/97

6. TOTAL DEPTH: 20' DIAMETER: 2"

7. CASING REMOVED:

feet	diameter
_____	_____
_____	_____

8. SEALING MATERIAL:

<u>Neat cement</u>	<u>Sand cement</u>
bags of cement <u>.25</u>	bags of cement _____
gals. of water <u>1.5</u>	yds. of sand _____
	gals. of water _____

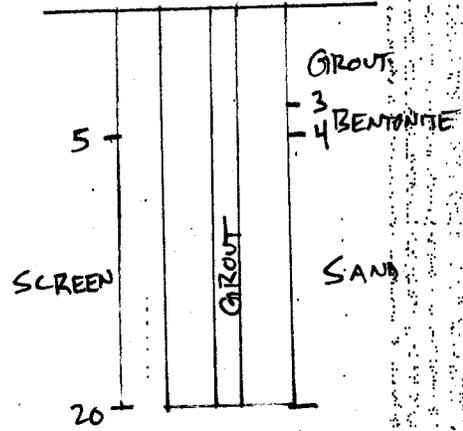
Other Type material _____

Amount _____

9. EXPLAIN METHOD EMPLACEMENT OF MATERIAL.
GROUT TRIMMED FROM BOTTOM OF WELL

WELL DIAGRAM: Draw a detailed sketch of the well showing total depth, depth and diameter of screens remaining in the well, gravel interval, intervals of casing perforations, and depths and types of fill materials used.

Pt-2



I do hereby certify that this well abandonment record is true and exact.

Signature of Contractor or Agent [Signature] Date 11/10/97

WELL LOCATION: Draw a location sketch on the reverse of this sheet, showing the direction and distance of the well to at least two (2) nearby reference points such as roads, intersections and streams. Identify roads with State High way road identification numbers.

Submit original to the Division of Environmental Management, one copy to the Driller, and one copy to the owner.

North Carolina
Department of Environment, Health, & Natural Resources
Division of Environmental Management
Groundwater Section
P.O. Box 29578 - Raleigh, N.C. 27626-0578

WELL ABANDONMENT RECORD

CONTRACTOR CAROLINA DRILLING

REG. NO. 1549

1. WELL LOCATION: (Show a sketch of the location on back of form.)

Nearest Town: DUDLEY County WAYNE

LANDFILL ROAD
(Road, Community, Subdivision, Lot No.)

SW GOLDSBORO
Quadrangle No.

2. OWNER: WAYNE COUNTY

3. ADDRESS: 4603 LANDFILL ROAD DUDLEY, NC
28333

4. TOPOGRAPHY: draw, slope, hilltop, valley, flat

5. USE OF WELL: PIEZOMETER DATE: 10/27/97

6. TOTAL DEPTH: 14' DIAMETER: 2"

7. CASING REMOVED:
feet _____ diameter _____
NONE _____

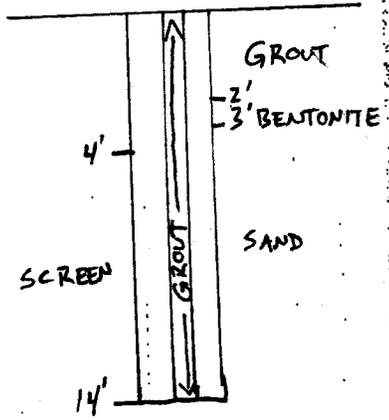
8. SEALING MATERIAL:
Neat cement bags of cement 4 Sand cement bags of cement _____
gals. of water 1.5 yds. of sand _____
gals. of water _____

Other Type material _____
Amount _____

9. EXPLAIN METHOD OF EMPLACEMENT OF MATERIAL.
GROUT TRIMMED FROM BOTTOM OF WELL.

WELL DIAGRAM: Draw a detailed sketch of the well showing total depth, depth and diameter of screens remaining in the well, gravel interval, intervals of casing perforations, and depths and types of fill materials used.

P1-3



I do hereby certify that this well abandonment record is true and exact.

Signature of Contractor or Agent [Signature] Date 11/6/97

WELL LOCATION: Draw a location sketch on the reverse of this sheet, showing the direction and distance of the well to at least two (2) nearby reference points such as roads, intersections and streams. Identify roads with State Highway road identification numbers.

Submit original to the Division of Environmental Management, one copy to the Driller, and one copy to the owner.

North Carolina
Department of Environment, Health, & Natural Resources
Division of Environmental Management
Groundwater Section
P.O. Box 29578 - Raleigh, N.C. 27626-0578

WELL ABANDONMENT RECORD

CONTRACTOR CAROLINA DRILLING

REG. NO. 1549

1. WELL LOCATION: (Show a sketch of the location on back of form.)

Nearest Town: DUDLEY County WAYNE

LANDFILL ROAD
(Road, Community, Subdivision, Lot No.)

SW GOLDSBORO
Quadrangle No.

2. OWNER: WAYNE COUNTY

3. ADDRESS: 460B LANDFILL ROAD DUDLEY, NC
28333

4. TOPOGRAPHY: draw, slope, hilltop, valley, flat

5. USE OF WELL: PIEZOMETER DATE: 10/26/97

6. TOTAL DEPTH: 42' DIAMETER: 2"

7. CASING REMOVED:
feet diameter
NONE _____

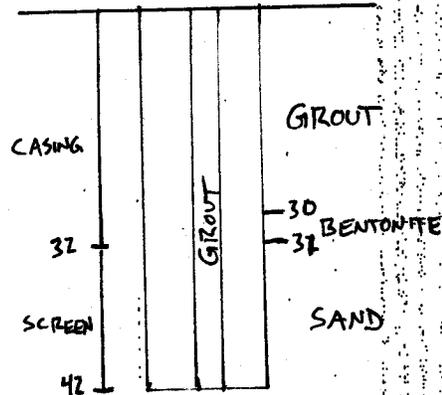
8. SEALING MATERIAL:
Neat cement bags of cement 4 Sand cement bags of cement _____
gals. of water 24 yds. of sand _____
gals. of water _____

Other Type material _____
Amount _____

9. EXPLAIN METHOD OF EMPLACEMENT OF MATERIAL.
GROUT TRIMMED FROM BOTTOM OF WELL.

WELL DIAGRAM: Draw a detailed sketch of the well showing total depth, depth and diameter of screens remaining in the well, gravel interval, intervals of casing perforations, and depths and types of fill materials used.

PI-5D



I do hereby certify that this well abandonment record is true and exact.

Signature of Contractor or Agent [Signature] Date 11/10/97

WELL LOCATION: Draw a location sketch on the reverse of this sheet, showing the direction and distance of the well to at least two (2) nearby reference points such as roads, intersections and streams. Identify roads with State Highway road identification numbers.

Submit original to the Division of Environmental Management, one copy to the Driller, and one copy to the owner.

North Carolina
 Department of Environment, Health, & Natural Resources
 Division of Environmental Management
 Groundwater Section
 P.O. Box 29578 - Raleigh, N.C. 27626-0578

WELL ABANDONMENT RECORD

CONTRACTOR CAROLINA DRILLING

REG. NO. 1549

1. WELL LOCATION: (Show a sketch of the location on back of form.)

Nearest Town: DUDLEY County WAYNE

LANDFILL ROAD
 (Road, Community, Subdivision, Lot No.)

SW GOLDSBORO
 Quadrangle No.

2. OWNER: WAYNE COUNTY

3. ADDRESS: 4603 LANDFILL ROAD DUDLEY, NC
28333

4. TOPOGRAPHY : draw, slope, hilltop, valley, flat

5. USE OF WELL: PIEZOMETER DATE: 10/29/97

6. TOTAL DEPTH: 20' DIAMETER: 2"

7. CASING REMOVED:

feet	diameter
<u>20'</u>	<u>2"</u>
_____	_____

8. SEALING MATERIAL:

Neat cement bags of cement <u>2</u>	Sand cement bags of cement _____
gals. of water <u>10</u>	yds. of sand _____
	gals. of water _____

Other

Type material _____

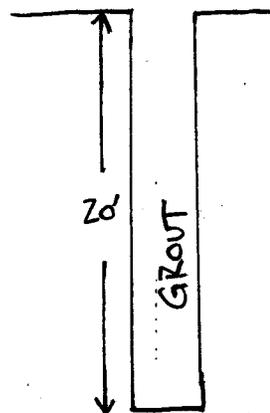
Amount _____

9. EXPLAIN METHOD EMPLACEMENT OF MATERIAL.

GROUT TRIMMED FROM BOTTOM OF HOLE.

WELL DIAGRAM: Draw a detailed sketch of the well showing total depth, depth and diameter of screens remaining in the well, gravel interval, intervals of casing perforations, and depths and types of fill materials used.

PI-6



I do hereby certify that this well abandonment record is true and exact.

Signature of Contractor or Agent Richard R. Mc... Date 11/6/97

WELL LOCATION: Draw a location sketch on the reverse of this sheet, showing the direction and distance of the well to at least two (2) nearby reference points such as roads, intersections and streams. Identify roads with State Highway road identification numbers.

Submit original to the Division of Environmental Management, one copy to the Driller, and one copy to the owner.

North Carolina
Department of Environment, Health, & Natural Resources
Division of Environmental Management
Groundwater Section
P.O. Box 29578 - Raleigh, N.C. 27626-0578

WELL ABANDONMENT RECORD

CONTRACTOR CAROLINA DRILLING

REG. NO. 1549

1. WELL LOCATION: (Show a sketch of the location on back of form.)

Nearest Town: DUDLEY County WAYNE

LANDFILL ROAD SW GOLDSBORO
(Road, Community, Subdivision, Lot No.) Quadrangle No:

2. OWNER: WAYNE COUNTY

3. ADDRESS: 4603 LANDFILL ROAD DUDLEY, NC
28333

4. TOPOGRAPHY: draw, slope, hilltop, valley, flat

5. USE OF WELL: PIEZOMETER DATE: 10/29/97

6. TOTAL DEPTH: 45' DIAMETER: 2"

7. CASING REMOVED:
feet diameter
45 2"

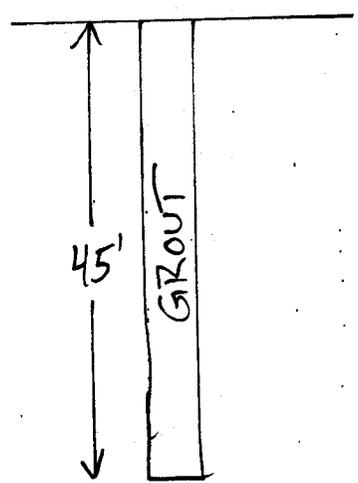
8. SEALING MATERIAL:
Neat cement bags of cement 4 Sand cement bags of cement _____
gals. of water 24 yds. of sand _____
gals. of water _____

Other Type material _____
Amount _____

9. EXPLAIN METHOD OF EMPLACEMENT OF MATERIAL.
GROUT TRIMMED FROM BOTTOM OF HOLE

WELL DIAGRAM: Draw a detailed sketch of the well showing total depth, depth and diameter of screens remaining in the well, gravel interval, intervals of casing perforations, and depths and types of fill materials used.

PI-8D



I do hereby certify that this well abandonment record is true and exact.

Signature of Contractor or Agent [Signature]

Date 11/6/97

WELL LOCATION: Draw a location sketch on the reverse of this sheet, showing the direction and distance of the well to at least two (2) nearby reference points such as roads, intersections and streams. Identify roads with State Highway road identification numbers.

Submit original to the Division of Environmental Management, one copy to the Driller, and one copy to the owner.

North Carolina
 Department of Environment, Health, & Natural Resources
 Division of Environmental Management
 Groundwater Section
 P.O. Box 29578 - Raleigh, N.C. 27626-0578

WELL ABANDONMENT RECORD

CONTRACTOR CAROLINA DRILLING

REG. NO. 1549

1. WELL LOCATION: (Show a sketch of the location on back of form.)

Nearest Town: DUDLEY County WAYNE

LANDFILL ROAD
 (Road, Community, Subdivision, Lot No.)

SW GOLDSBORO
 Quadrangle No.

2. OWNER: WAYNE COUNTY

3. ADDRESS: 4603 LANDFILL ROAD DUDLEY, NC
28333

4. TOPOGRAPHY: draw, slope, hilltop, valley, flat

5. USE OF WELL: PIEZOMETER DATE: 10/28/97

6. TOTAL DEPTH: 14' DIAMETER: 2"

7. CASING REMOVED:

feet	diameter
<u>14'</u>	<u>2"</u>

8. SEALING MATERIAL:

Neat cement	Sand cement
bags of cement <u>1</u>	bags of cement _____
gals. of water <u>6</u>	yds. of sand _____
	gals. of water _____

Other

Type material _____

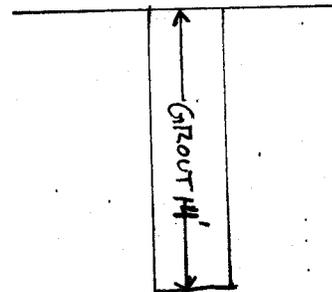
Amount _____

9. EXPLAIN METHOD OF EMPLACEMENT OF MATERIAL.

GRAUT TRIMMED FROM BOTTOM OF HOLE.

WELL DIAGRAM: Draw a detailed sketch of the well showing total depth, depth and diameter of screens remaining in the well, gravel interval, intervals of casing perforations, and depths and types of fill materials used.

PI-11



I do hereby certify that this well abandonment record is true and exact.

Signature of Contractor or Agent [Signature] Date 11/10/97

WELL LOCATION: Draw a location sketch on the reverse of this sheet, showing the direction and distance of the well to at least two (2) nearby reference points such as roads, intersections and streams. Identify roads with State Highway road identification numbers.

Submit original to the Division of Environmental Management, one copy to the Driller, and one copy to the owner.

North Carolina
Department of Environment, Health, & Natural Resources
Division of Environmental Management
Groundwater Section
P.O. Box 29578 - Raleigh, N.C. 27626-0578

WELL ABANDONMENT RECORD

CONTRACTOR CAROLINA DRILLING

REG. NO. 1549

1. WELL LOCATION: (Show a sketch of the location on back of form.)

Nearest Town: DUDLEY County WAYNE

LANDFILL ROAD
(Road, Community, Subdivision, Lot No.)

SW GOLDSBORO
Quadrangle No.

2. OWNER: WAYNE COUNTY

3. ADDRESS: 460B LANDFILL ROAD DUDLEY, NC
28333

4. TOPOGRAPHY: draw, slope, hilltop, valley, flat

5. USE OF WELL: PIEZOMETER DATE: 10/29/97

6. TOTAL DEPTH: 20' DIAMETER: 2"

7. CASING REMOVED:
feet _____ diameter _____
NONE _____

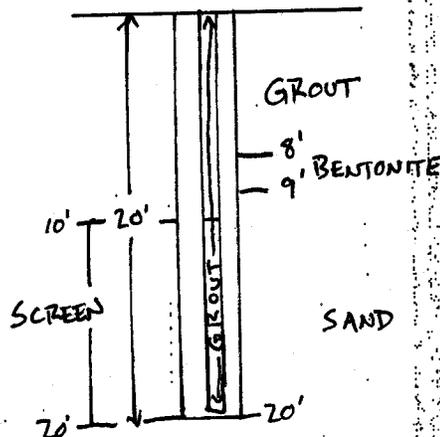
8. SEALING MATERIAL:
Neat cement _____ Sand cement _____
bags of cement 1/4 bags of cement _____
gals. of water 1.5 yds. of sand _____
gals. of water _____

Other
Type material _____
Amount _____

9. EXPLAIN METHOD OF EMPLACEMENT OF MATERIAL.
GROUT TRIMMED FROM BOTTOM OF HOLE

WELL DIAGRAM: Draw a detailed sketch of the well showing total depth, depth and diameter of screens remaining in the well, gravel interval, intervals of casing perforations, and depths and types of fill materials used.

P1-12



I do hereby certify that this well abandonment record is true and exact.

Signature of Contractor or Agent Ruth R. Shi Date 11/6/97

WELL LOCATION: Draw a location sketch on the reverse of this sheet, showing the direction and distance of the well to at least two (2) nearby reference points such as roads, intersections and streams. Identify roads with State Highway road identification numbers.

Submit original to the Division of Environmental Management, one copy to the Driller, and one copy to the owner.

North Carolina
 Department of Environment, Health, & Natural Resources
 Division of Environmental Management
 Groundwater Section
 P.O. Box 29578 - Raleigh, N.C. 27626-0578

WELL ABANDONMENT RECORD

CONTRACTOR CAROLINA DRILLING

REG. NO. 1549

1. WELL LOCATION: (Show a sketch of the location on back of form.)

Nearest Town: DUDLEY County WAYNE

LANDFILL ROAD
 (Road, Community, Subdivision, Lot No.)

SW GOLDSBORO
 Quadrangle No.

2. OWNER: WAYNE COUNTY

3. ADDRESS: 4603 LANDFILL ROAD DUDLEY, NC
 28333

4. TOPOGRAPHY: draw, slope, hilltop, valley, flat

5. USE OF WELL: PIEZOMETER DATE: 10/29/97

6. TOTAL DEPTH: 5' DIAMETER: 1"

7. CASING REMOVED:

feet	diameter
<u>5</u>	<u>1"</u>

8. SEALING MATERIAL:

Neat cement bags of cement <u>1</u>	Sand cement bags of cement <u> </u>
gals. of water <u>6</u>	yds. of sand <u> </u>
	gals. of water <u> </u>

Other

Type material

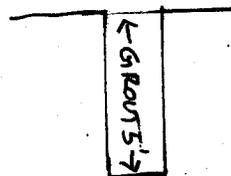
Amount

9. EXPLAIN METHOD/EMPLACEMENT OF MATERIAL.

GROUT TRIMMED FROM BOTTOM OF HOLE.

WELL DIAGRAM: Draw a detailed sketch of the well showing total depth, depth and diameter of screens remaining in the well, gravel interval, intervals of casing perforations, and depths and types of fill materials used.

PI-HZ



I do hereby certify that this well abandonment record is true and exact.

Signature of Contractor or Agent Patricia R. Mc... Date 11/10/97

WELL LOCATION: Draw a location sketch on the reverse of this sheet, showing the direction and distance of the well to at least two (2) nearby reference points such as roads, intersections and streams. Identify roads with State Highway road identification numbers.

Submit original to the Division of Environmental Management, one copy to the Driller, and one copy to the owner.