

Environmental Services - Water Quality
Onsite Wastewater Scan Data Entry Form

PERMIT #: 0031657

PIN #: 0799484519

OP DATE: 0312112006

SYSTEM USE:

- ☒ House
☐ Mobile Home
☐ Business
☐ Other

SEWAGE TYPE:

- ☒ Domestic
☐ Industrial

PUMP/SIPHON?:

- ☐ Yes
☒ No

PRESSURE MANIFOLD:

- ☐ Yes
☒ No

SYSTEM TYPE:

- ☐ I
☒ II
☐ III
☐ IV
☐ V
☐ VI
☐ Other

SUB TYPE:

- ☒ A
☐ B
☐ C
☐ D
☐ E
☐ F
☐ G

NBR BEDROOMS:

- ☐ 1
☐ 2
☐ 3
☒ 4
☐ 5
☐ 6
☐ Other

MAINT. SCHEDULE:

- ☐ Yes
☒ No

CERT. OPERATOR

- ☐ Yes
☒ No

GT ST PT SIZE

- | | | | |
|-------------------------------------|-------------------------------------|-------------------------------------|------------------|
| ☐ | ☐ | ☐ | 750 |
| ☐ | ☐ | ☐ | 900 |
| ☐ | ☐ | ☐ | 1,000 |
| ☐ | ☒ | ☐ | 1,200 |
| ☐ | ☐ | ☐ | 1,500 |
| ☐ | ☐ | ☐ | 1,800 |
| ☐ | ☐ | ☐ | 2,100 |
| ☐ | ☐ | ☐ | 2,500 |
| ☐ | ☐ | ☐ | 3,000 |
| ☐ | ☐ | ☐ | 4,000 |
| ☐ | ☐ | ☐ | 5,000 |
| ☐ | ☐ | ☐ | 8,000 |
| ☐ | ☐ | ☐ | 10,000 |
| ☐ | ☐ | ☐ | Other |
| ☒ | | ☒ | None/NA GT or PT |

DRAINFIELD SIZE(SQ. FT.)

01380

DRAIN TYPE:

- ☐ Stone
☒ EZ Flow
☐ Infiltrator
☐ Biodiffuser
☐ Cultec
☐ Drip
☐ Hancor
☐ Large Dia. Pipe
☐ Multi-Pipe
☐ Other

MAX DEPTH (IN.):

- ☐ 12 in. or less
☐ 18 in. or less
☒ 24 in. or less
☐ 26 in. or less
☐ 28 in. or less
☐ 30 in. or less
☐ 32 in. or less
☐ 36 in. or less
☐ Other

STONE DEPTH (IN.):

- ☐ 8 in. or less
☒ 12 in. or less
☐ 18 in. or less
☐ 24 in. or less
☐ Other

TRENCHES:

- ☒ Individual
☐ Bed

TRENCH WIDTH (IN.):

- ☐ 12 in. or less
☐ 18 in.
☐ 24 in.
☒ 36 in.
☐ 6 ft. or less
☐ 9 ft. or less
☐ Other

11/13/13

WAKE COUNTY DEPARTMENT OF ENVIRONMENTAL SERVICES WELL AND SEWAGE SITE LOCATION PERMIT
NO PERMIT(S) FOR CONSTRUCTION, LOCATION OR RELOCATION ACTIVITY SHALL BE ISSUED
UNTIL AN AUTHORIZATION FOR WASTEWATER SYSTEM CONSTRUCTION HAS BEEN ISSUED

PERMIT VOID IF NOT IN COMPLIANCE WITH ZONING REGULATIONS AND/ OR IF SITE IS ALTERED OR INTENDED USE CHANGED

PERMIT#: D031657 STATUS: A APP. DATE: 09/24/2004 BLDG. PERMIT#: 0052091
PIN: 0799.01 48 4519 000 TAX MAP: 0240 0001 RECORDED: Y ORIG. PERMIT#:
TOWNSHIP: 02 BARTON'S CREEK JURISDICTION: WC ZONING: R40W
APPLICANT: STYX & STONES CONTRACTING
1412 ABBEYS GROVE TRAIL
WAKE FOREST, NC 27587
(919) 510 - 0280
USE: HD USE: 101 ONE-FAMILY HOUSE
EXIST USE:
DISPOSAL: BEDROOMS: 4 BASEMENT: Y #EMPLOYEES: 0
SITE: ADDRESS: 1412 ABBEYS GROVE TR
SUBDIVISION: CHRIS SPILMAN LOT: 3 ACRES: 1.05
DIRECTION: TK HWY 50 N TO NORWOOD RD, TK RT ONTO NORWOOD,
PROPERTY IS ON RT

Well System: WATER: INDIVIDUAL - TYPE: NEW

WELL LOG INFORMATION: DEPTH: 505 CASING DEPTH: 102 YIELD: 1 STATIC LEVEL: 100
WELLI CONTRACTOR: Goldston REG. # 272 PUMP CONTRACTOR: Jenkins REG. # 983
Construction Compliance GROUT APPROVED: ☒ DATE 10/14/05 EHS LG
WELLHEAD APPROVED ☒ DATE 11/22/05 EHS GLS
SYSTEM FINALIZED ☒ DATE 3/23/06 EHS LG

COMMENTS:

Operation Permit

DESIGN FLOW: _____ gal./min. ACTUAL FLOW: _____ INNOVATIVE LETTER: R

INSTALLED BY: Brantley & Sons
PROPRIETARY SYSTEM: E E LAY PIPE
COMMENTS:

INSTALLATION APPROVED BY: [Signature]
FILTER NO: _____

OPERATIONS PERMIT ISSUED? _____ OP DATE: 3/21/06 BY: [Signature]

This permit is based in part on information provided by the homeowner or his/her representative in the application submitted for this permit. The Environmental Health Specialist is not responsible for false or misleading information contained in the application. The Environmental Health Specialist is also not responsible for concealed conditions on the property or for statements in this report that may have resulted from false or misleading statements provided to him in the application. Neither Wake County nor the Environmental Health Specialist warrants that the septic tank system will continue to function satisfactorily in the future or that the water supply will remain potable.

As Built Information:

Date: 8/16/05 Benchmark: _____ Rod reading: _____ Distance to Structure: _____
ST: 1200 gals ID#: D-8-34 D.O.M.: 12-9-03 Elev.: 3'1" Distance to Well: _____
PT: _____ gals ID#: _____ D.O.M.: _____ Elev.: _____
D-box/FD/PM elev.: 3'9" Supply Line: _____ ft. Pump/Control Panel: _____
Line 1: 6'1" _____ Date: _____
Line 2: 6'4 1/2" _____ Date: _____
Line 3: 6'9 1/2" _____ Date: _____
Line 4: 7'7" _____ Date: _____
Line 5: _____ Date: _____
Distance to P/L: _____ Notes: _____

Handwritten signature

WAKE COUNTY DEPARTMENT OF ENVIRONMENTAL SERVICES WELL AND SEWAGE SITE LOCATION PERMIT
NO PERMIT(S) FOR CONSTRUCTION, LOCATION OR RELOCATION ACTIVITY SHALL BE ISSUED
UNTIL AN AUTHORIZATION FOR WASTEWATER SYSTEM CONSTRUCTION HAS BEEN ISSUED

PERMIT VOID IF NOT IN COMPLIANCE WITH ZONING REGULATIONS AND/ OR IF SITE IS ALTERED OR INTENDED USE CHANGED

PERMIT#: D031657 STATUS: A APP. DATE: 09/24/2004 BLDG. PERMIT#: 0052091
PIN: 0799.01 48 4519 000 TAX MAP: 0240 0001 RECORDED: Y ORIG. PERMIT#:
TOWNSHIP: 02 BARTON'S CREEK JURISDICTION: WC ZONING: R40W
APPLICANT: STYX & STONES CONTRACTING
1412 ABBEYS GROVE TRAIL
WAKE FOREST, NC 27587
(919) 510 - 0280
USE: HD USE: 101 ONE-FAMILY HOUSE
EXIST USE:
DISPOSAL: BEDROOMS: 4 BASEMENT: Y #EMPLOYEES: 0 FOUND DRAIN:
SITE: ADDRESS: 1412 ABBEYS GROVE TR
SUBDIVISION: CHRIS SPILMAN LOT: 3 ACRES: 1.05
DIRECTION: TK HWY 50 N TO NORWOOD RD, TK RT ONTO NORWOOD,
PROPERTY IS ON RT

IMPROVEMENT PERMIT

TANK SIZE: 1200 gal. PUMP Tank: _____ gal. SQ FT: 1380 INNOVATIVE MAX DEPTH LINE: 24 in.
WASTEWATER: INDIVIDUAL SEWAGE: DOMESTIC TYPE SYSTEM: III G PUMP: N P/M: N
DAILY FLOW: 480 gal/day DESIGN FEE REQ?: N PAID?: WATER: INDIVIDUAL

COMMENTS:

IP ISSUED? Y DATE: 02/17/2005 BY: (EFG) *Eric Van* PHONE#:

AUTHORIZATION FOR WASTEWATER/WATER SYSTEM CONSTRUCTION

VOID SIXTY (60) MONTHS FROM DATE OF ISSUANCE

AUTHORIZATION CONDITIONS:

Contractors shall install system on contours, see attached site plan for wastewater system design and well location. No underground utilities, water lines or sprinkler systems may be located in the original system or repair areas. A septic tank filter with a riser for access is required. The wastewater system shall not be covered or placed into use until inspected by the Wake County Department of Environmental Services and an Operation Permit issued. **OTHER CONDITIONS:**
INSTALL SYSTEM ON CONTOUR FOLLOWING CA SITE PLAN, AND ALL STATE AND LOCAL REGULATIONS. NO STEP DOWNS SHALL BE USED. TRENCH WALLS SHALL BE SCARIFIED. SYSTEM/REPAIR AREAS SHALL BE FENCED OFF DURING CONSTRUCTION OF THE HOUSE. NO GRADING SHALL BE DONE WITHIN 15' OF THE SYSTEM OR REPAIR AREA. NO FILLING SHALL BE DONE IN SYSTEM/REPAIR AREA. NO UTILITIES/IRRIGATION SHALL CROSS SYSTEM/REPAIR AREA. NO GARBAGE DISPOSAL SHALL BE INSTALLED ON SEPTIC SYSTEM. SYSTEM AND REPAIR SHALL BE FLAGGED BY INSTALLER PRIOR TO INSTALLATION OF SYSTEM. IT IS RECOMMENDED THAT WATER SOFTENER DISCHARGE NOT BE PLUMBED INTO THE SEPTIC SYSTEM. CALL WITH ANY QUESTIONS.

TANK SIZE: 1200 gal. PUMP TANK: _____ gal. SQ FT: 1380 INNOVATIVE MAX DEPTH LINE: 24 in.
MAINT: N OPER: N L/O: P TRENCH#: 4 LENGTH: 115 ft. WIDTH: 36 in. DESIGNER: S&EC
SUBFIELDS: _____ DESIGN HEAD PRESSURE: _____ DESIGN FLOW: _____ gal/min DOSE VOLUME: _____ gal.

CA ISSUED? Y DATE: 02/17/2005 BY: (EFG) *Eric Van* PHONE#:

SITE PLAN

LOT #3 CHRIS SPILMAN SUBDIVISION

4-BEDROOM INNOV GRAVITY TO D-BOX SYSTEM
LINES 4,5,6,7 (4 x 115') .27 LTAR W/EZFLOW

4-BEDROOM PRESSURE MANIFOLD REPAIR
LINES 1,2,3,8,9 (.27 LTAR) W/EZFLOW

Revised
Attn: Eric Green

As Built

③

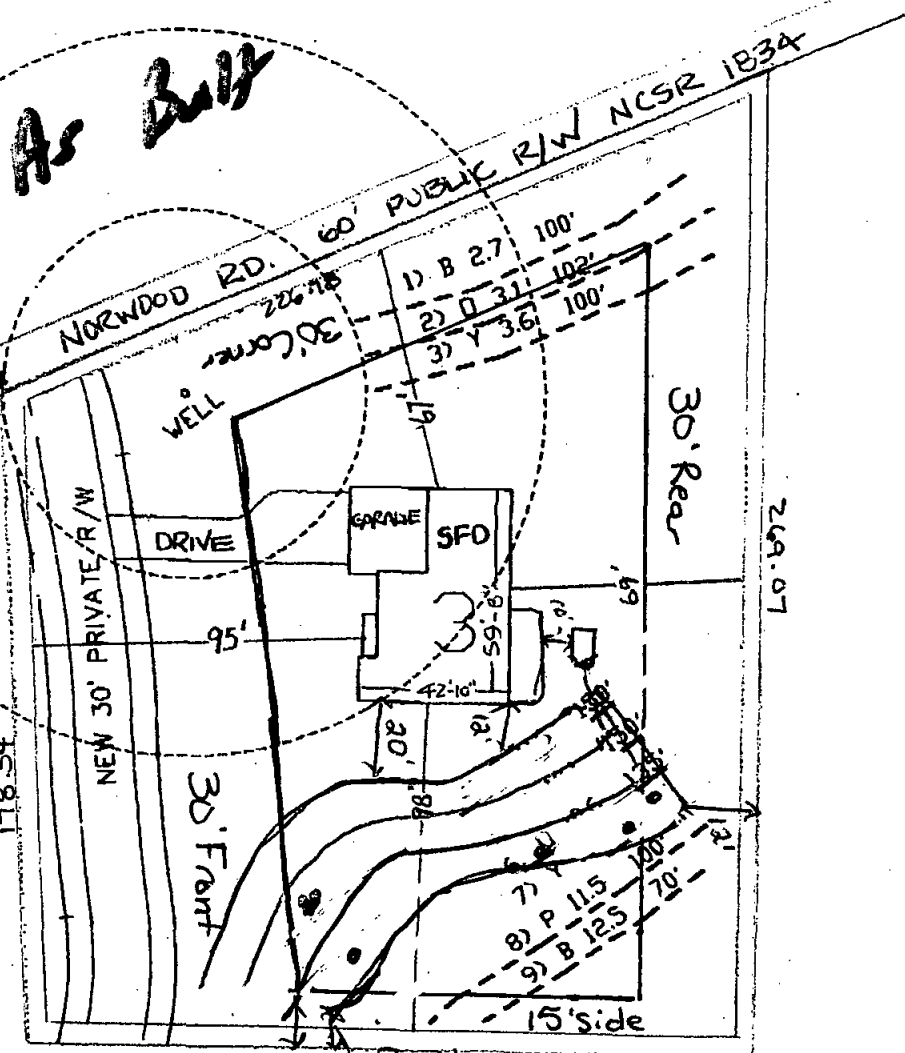
TOTAL AREA - 1.047 AC.
LESS R/W - 0.128 AC.
NET AREA - .919 AC.

NOT A SURVEY
THIS IS A SKETCH
BASED ON FIELD
NOTES

LEGEND

— SYSTEM LINE
- - - REPAIR LINE
... UNUSED LINE

1" = 50'
50' 0 50'



IMPERVIOUS SURFACE TABLE

HOUSE 2,500 SF
DRIVEWAY 1,715 SF

4,215 SF

LOT AREA 40,000 SF

PER. IMP. AREA: 10.54%

PERMIT # 0052091
D # 31657

PROJECT NO. 1047.51	SCALE 1" = 50'	SHEET TITLE: SEPTIC SYSTEM LAYOUT
PROJECT MGR. MS	FIELD WORK AM/WJS	PROJECT NAME: CHRIS SPILMAN BARTONS CREEK TOWNSHIP WAKE COUNTY, NORTH CAROLINA JANUARY 2008
DRAWN BY AH		

1047.51.1047.51.1047.51.DWG



Soil & Environmental Consultants, PA

11010 Raven Ridge Road • Raleigh, North Carolina 27614 • Phone: (919) 846-5900 • Fax: (919) 846-5467
www.SoilEC.com

D31657

Lot 3

SITE PLAN LOT #3 CHRIS SPILMAN SUBDIVISION

4-BEDROOM INNOV GRAVITY TO D-BOX SYSTEM
LINES 4,5,6,7 (4 x 115') .27 LTAR W/EZFLOW

4-BEDROOM PRESSURE MANIFOLD REPAIR
LINES 1,2,3,8,9 (.27 LTAR) W/EZFLOW

Revised
Attn: Eric Green

CA

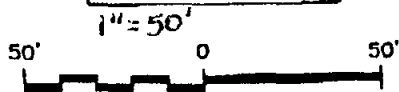
- 4 (115' x 3') Innovative
- 1200 gallon ST
- 24" New T.D.
- Scarify Trench Wall
- Call w/ Questions

see supplemental information
for location of
prop. line

③
TOTAL AREA - 1.047 AC.
LESS R/W - 0.128 AC.
NET AREA - .919 AC.

NOT A SURVEY
THIS IS A SKETCH
BASED ON FIELD
NOTES

LEGEND	
	SYSTEM LINE
	REPAIR LINE
	UNUSED LINE



IMPERVIOUS SURFACE TABLE

HOUSE 2,500 SF
DRIVEWAY 1,715 SF

4,215 SF

LOT AREA 40,000 SF

PER. IMP. AREA: 10.54%

PERMIT # 0052091
D # 31657

PROJECT NO. 0347.S1	SCALE 1" = 50'	SHEET TITLE: SEPTIC SYSTEM LAYOUT
PROJECT MGR. MB	FIELD WORK AM, JW, JB	PROJECT NAME: CHRIS SPILMAN - BARTONS CREEK TOWNSHIP - WAKE COUNTY, NORTH CAROLINA JANUARY 2008
DRAWN BY AM		



Soil & Environmental Consultants, PA

11010 Raven Ridge Road • Raleigh, North Carolina 27614 • Phone: (919) 446-3900 • Fax: (919) 446-9467
www.SandEC.com

Zoning Low B CHC
Date 2/7/05

Pin# 0799 01483392

I certify that the location of planned or existing



Environmental Services

Water, Wastewater & Development Services
336 Fayetteville St. • P.O. Box 550 • Raleigh, NC 27602

TEL 919 856 7400
FAX 919 856 7407

I, CHRIS SPILMAN hereby request the chamber system or polystyrene aggregate system called HOUCK DRAINAGE SYSTEM to be used in my sewage disposal system. I understand that I will be granted a 25% reduction in the amount of required drainfield for my property. My property is located at LOT #3, 13220 NORWOOD RD.

Chris Spilman Owner
NOVEMBER 4, 2004 Date
D# 031657
Biding Permit # _____
PIN: _____

Generic Name

- ☐ Drip System
- ☐ Chamber Trench Sys.
- ☐ Brunswick Bed/Fill Sys.
- ☐ Chamber Trench Sys.
- ☒ Polystyrene Aggregate Tr
- ☐ Chamber Trench
- ☐ Polyethylene
- ☐ Sand Filter Pretreatment
- ☐ Chamber Trench
- ☐ Peat Filter Pret. Sys.
- ☐ Fibermesh Reinforced Tanks

Proprietary Name

- "Perc-Rite" Subsurface
- "Infiltrator" Chambered
- "Brunswick" Bed/Fill
- "Hancor EnviroChamber"
- Houck Drainage Sys.
- "Contractor Model 75, 100, 125, and field drain"
- Norvesco P.E. Tanks
- Pressure Dosed Sand
- "Bio Diffuser" Low Profile
- Puraflo Peat Biobfilter Sys.
- Fibermesh Reinforced Tank