

Environmental Services - Water Quality
Onsite Wastewater Scan Data Entry Form

PERMIT #:

PIN #:

OP DATE:

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.)

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

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#: **D050857** STATUS: **A** APP. DATE: **04/01/2014** BLDG. PERMIT#: **0142626**
 PIN: **1811 18 8163 000** TAX MAP: **0** RECORDED: **Y** ORIG. PERMIT#: _____
 TOWNSHIP: **14 NEW LIGHT** JURISDICTION: **WC** ZONING: **R80W** SW DEVICE: **N S#:** _____
 APPLICANT: **SNYDER HANKINS CUSTOM HOMES** (919) 291 - 7064
8368 SIX FORKS RD STE 202 RALEIGH, NC 27615
 USE: HD USE: **101A CONVENTIONAL ONE-FAMILY HOUSE** EXIST USE: _____
 LTAR: **0.30 0.30** BEDROOMS: **4** BASEMENT: **Y** #EMPLOYEES: **0**
 SITE: ADDRESS: **7801 SONOMA CREEK LN**
 SUBDIVISION: **KENWOOD RESERVE** LOT: **29** ACRES: **0.93** EASEMENT: **N LOC: SYS:** _____
 DIRECTION: **98 L STONY HILL L BUD MORRIS L BENT R COLOMBARD R ARBOR MIST LOT ON CORNER**

Well System: WATER: COMMUNITY - TYPE:

WELL LOG INFORMATION: DEPTH: _____ CASING DEPTH: _____ YIELD: _____ STATIC LEVEL: _____
 WELL CONTRACTOR: _____ REG.# _____ PUMP CONTRACTOR: _____ REG.# _____
Construction Compliance GROUT APPROVED ☐ DATE _____ EHS _____
 WELLHEAD APPROVED ☐ DATE _____ EHS _____
 SYSTEM FINALIZED ☐ DATE _____ EHS _____

COMMENTS: COMMUNITY WATER

Operation Permit

DESIGN FLOW: _____ gal./min. ACTUAL FLOW: _____ DOSE VOLUME: _____ gal. INNOVATIVE LETTER: _____
 INSTALLED BY: G. Todd INSTALLATION APPROVED BY: [Signature]
 PROPRIETARY SYSTEM: E21203 H6 TYPE SYSTEM: III G
 COMMENTS: Polylock

OPERATIONS PERMIT ISSUED? Y OP DATE: 10/23/14 BY: [Signature]

Systems defined as either a Type IIIb, IIIg with a pump, IV, V or VI, in accordance with the North Carolina Administrative Code 15A NCAC 18A .1961, Table V as adopted by reference in the "Regulations Governing Wastewater Treatment and Dispersal Systems in Wake County", require Wake County Environmental Services to conduct periodic inspections on this type system, pursuant to 15A NCAC 18A .1961 (j). Fees for these inspections will be charged as per the approved Fee Schedule. In addition, all systems are to be operated and maintained as specified in 15A NCAC 18A .1961. 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: 10/23/14 Benchmark: _____ Rod reading: _____ Distance to Structure: _____
 ST: 1200 gals ID#: STB-857 D.O.M.: 9-5-14 Elev.: 4'8" Distance to Well: _____
 PT: - gals ID#: - D.O.M.: - Elev.: - Distance to P/L: _____
 GT: - gals ID#: - D.O.M.: - Elev.: - Pretreatment: _____
 D-box/FD/PM elev.: 5'5" Supply Line: 2 ft. Pump/Ctrl Panel: _____ Filter: _____
 Line 1: 6'8" _____ Date: _____ Line 6: _____ Date: _____
 Line 2: 7'9" _____ Date: _____ Line 7: _____ Date: _____
 Line 3: 8'4" _____ Date: _____ Line 8: _____ Date: _____
 Line 4: 9'6" _____ Date: _____ Line 9: _____ Date: _____
 Line 5: 10'8" _____ Date: _____ Line 10: _____ Date: _____
 ETM1: _____ CC1: _____ ETM2: _____ CC2: _____ OR: _____ AC: _____ WM: _____
 Notes: Discussed with installers about removing roots and debris
prior to covering the lines.

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HD USE: **101A CONVENTIONAL ONE-FAMILY HOUSE** EXIST USE: DESIGN FEE REQ?: **PAID?:**
LTAR: **0.30 0.30** BEDROOMS: **4** BASEMENT: **Y** #EMPLOYEES: **0** FOUNDATION DRAIN: **Y**
SITE: ADDRESS: **7801 SONOMA CREEK LN**
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IMPROVEMENT PERMIT

As per GS 130A-335 (f), Improvement Permit is based on a Site Plan and is void Sixty (60) months from date of issuance: ☐

As per GS 130A-335 (f), Improvement Permit is based on a Plat and is valid without expiration: ☐

Permit is subject to revocation if the site plan or plat, whichever is applicable, or the intended use changes.

TANK SIZE: **1200** gal. PUMP Tank: gal. GREASE TRAP: gal. SQ FT: **1200** INNOVATIVE MAX DEPTH LINE: **24** in.
WASTEWATER: **INDIVIDUAL** SEWAGE: **DOMESTIC** TYPE SYSTEM: **III G** PUMP: **N** P/M: **N** LP: **TD:**
DAILY FLOW: **480** gal/day WATER: **COMMUNITY** PRETREATMENT: **NA** FILL: **DAF:** DEEP: **REDUCE35%:**

COMMENTS:

IP ISSUED? **Y** DATE: **05/02/2014** BY: (SCR)  PHONE#: (919)-856-6194

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. An Accepted Status System may be used in place of conventional system, if it can be placed in the permitted/authorized trench footprint (except reduction in line length and/or number as allowed for in approval) and the installation is in accordance with the accepted system approval, without unauthorized product alteration. If permit required use of an Accepted Status System, substitution with another accepted status system may be made, as long as no changes are necessary in the location of each nitrification line (including any increase in line length), trench depth or effluent distribution method. If changes are necessary, prior approval by this office is required before system installation.

OTHER CONDITIONS: INITIAL SYSTEM IS DESIGNED FOR GRAVITY FLOW TO D-BOX TO FEED 3 100' LINES AND 2 50' LINES SEPARATED BY FLOW DIVIDER. ACCEPTED STATUS MEDIA REQUIRED, 25% REDUCTION ALREADY TAKEN. REPAIR IS DESIGNED AS PUMP TO PRESSURE MANIFOLD WHEN NEEDED IN FUTURE. CALL OFFICE WITH ANY QUESTIONS PRIOR TO OR DURING INSTALLATION

TANK SIZE: **1200** gal. PUMP TANK: gal. GREASE TRAP: gal. SQ FT: **1200** INNOVATIVE MAX DEPTH LINE: **24** in.
MAINT: **N** OPER: **N** L/O: **Y** TRENCH#: **4** LENGTH: **100** ft. WIDTH: **36** in. DESIGNER:
SUBFIELDS: DESIGN HEAD PRESSURE: DESIGN FLOW: gal/min DOSE VOLUME: gal. PRETREATMENT: **NA**

CA ISSUED? **Y** DATE: **05/02/2014** BY: (SCR)  PHONE#: (919)-856-6194

Revise _____ Use 101A
 Reject _____ MBL _____
 From 20 Rear 15
 Side 10 Corner 20
 Comments _____

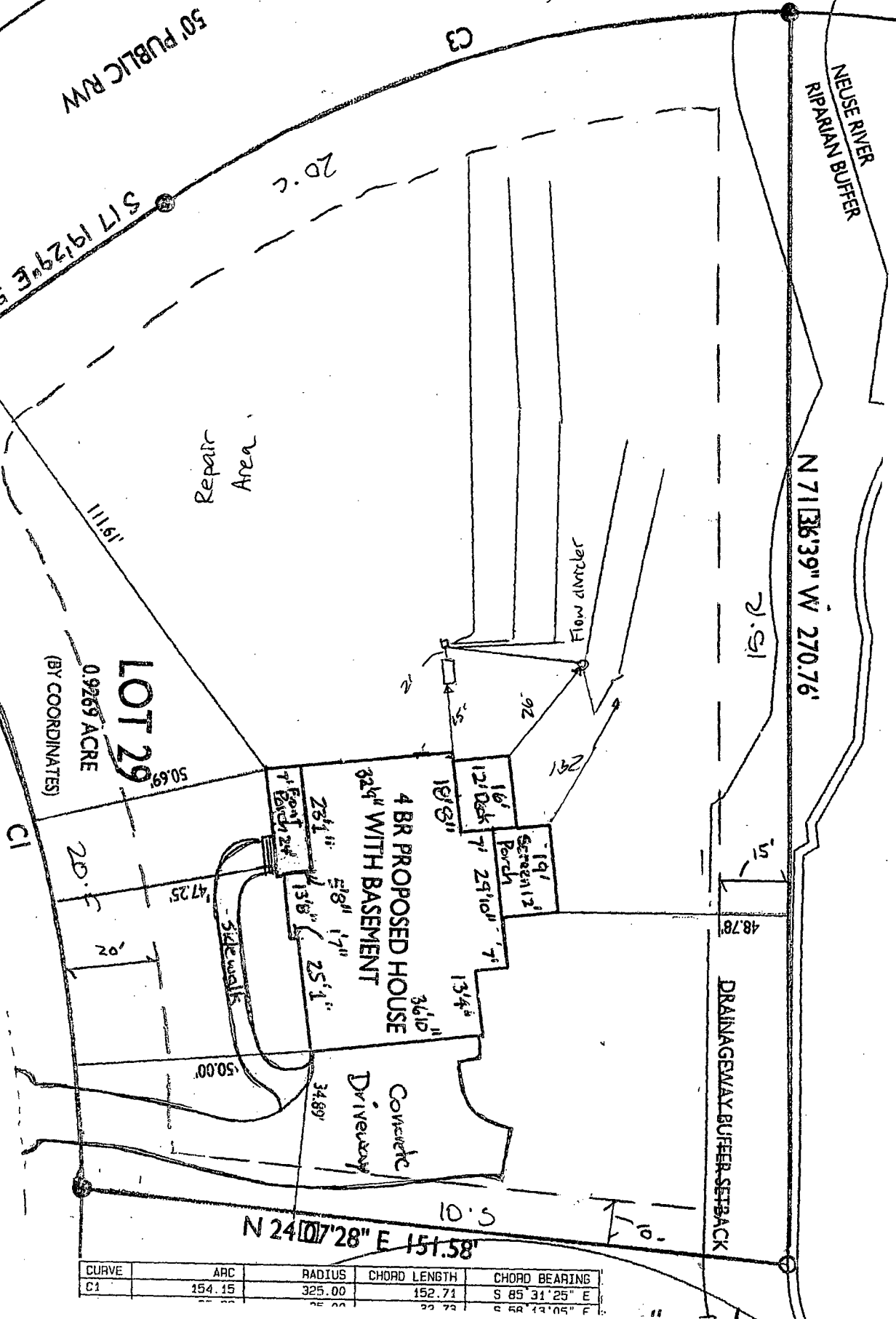
Bruce H. Hinkle
 Surveyor
 REF: BOM 2006 Pg. 1631

As Built Copy

Improv Calcs

House 2344
 Front Porch 162
 Screen Porch 222
 Deck/Patio 192
 Driveway 1980
 Sidewalk 300
 5,200 SF

7801 SONOMA CREEK LANE



CURVE	ARC	RADIUS	CHORD LENGTH	CHORD BEARING
C1	154.15	325.00	152.71	S 85° 31' 25" E

Snyder Hankins Custom Homes, Inc.
Lot 29 Kenwood Reserve Phase II
7801 Sonoma Creek Lane
Wake Forest, NC.

Contingency 280W By DLS
 Approved / Date 4-1-14
 Revised _____ Use 101A
 Rejected _____ MBL _____
 From 20 Rear 15
 Side 10 Corner 20
 Comments _____

I hereby grant permission to the representative(s) of only one (1) person to enter the premises upon the property.

~~BRUCE WINDELL~~

REF: BOM 2006 Pg.1631

NEUSE RIVER
RIPARIAN BUFFER

N 71°36'39" W 270.76

~~DRAINAGEWAY BUFFER SETBACK~~

 $1'' = 30'$

Book 2006 pg 1631

PIN#

181188163

PERMIT #

0142Lp2Lp

DD50857

C.A. Site Plan

- 3 3'x100' lines +
- 2 3'x50' lines separated by flow divider
- 24" max trench depth
- 1200 gpd S.I.T.
- Accepted status model
- 85% reduction taken

Improv Calcs

House	2344
Front Porch	162
Screen Back	222
Deck/Patio	192
Driveway	1980
Sidewalk	<u>300</u>
	5,200 SF

MIA 69205F

7801 SONOMA CREEK LANE

LOT 29

**4 BR PROPOSED HOUSE
32'x4" WITH BASEMENT**

Concrete
Driveway

CURVE	ARC	RADIUS	CHORD LENGTH	CHORD BEARING
C1	154.15	325.00	152.71	S 85° 31' 25" E
C2	35.69	25.00	32.73	S 58° 13' 05" E
C3	142.63	225.00	140.26	S 00° 50' 09" W