

Environmental Services - Water Quality
Onsite Wastewater Scan Data Entry Form

PERMIT #: 0050289

PIN #: 0770618997

OP DATE: 0610112015

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.)

01200

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#: D050289 STATUS: A APP. DATE: 12/02/2013 BLDG. PERMIT#: I010998
PIN: 0770 61 8997 000 TAX MAP: 0721 0000 RECORDED: Y ORIG. PERMIT#: D21980
TOWNSHIP: 18 SWIFT CREEK JURISDICTION: WC ZONING: SW DEVICE: N S#:
APPLICANT: JUTTING, CHARLES E (919) 665 - 8167
3704 HIGHLAND CREEK DR APEX, NC 27539
USE: HD USE: 0001 REPAIR/EXISTING SYSTEM EXIST USE: 101A CONVENTIONAL ONE-FAMILY HOUSE
LTAR: 0.30 0.30 BEDROOMS: 3 BASEMENT: N #EMPLOYEES: 0
SITE: ADDRESS: 3704 HIGHLAND CREEK DR
SUBDIVISION: HIGHLAND CREEK LOT: 22 ACRES: 1.08 EASEMENT: N LOC: SYS:
DIRECTION: 401S, R ON TEN TEN, 2ND L, L ON BELLS LAKE, 1ST L ON HIGHLAND CREEK, HOUSE ON R

Well System: WATER: INDIVIDUAL - TYPE: EXISTING

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:

Operation Permit

DESIGN FLOW: 41.04 gal./min. ACTUAL FLOW: 36 DOSE VOLUME: 207 gal. INNOVATIVE LETTER:

INSTALLED BY: Jay Adcock INSTALLATION APPROVED BY: Andrew J. Lake
PROPRIETARY SYSTEM: E2-Flow TYPE SYSTEM: III B

COMMENTS:

OPERATIONS PERMIT ISSUED? Y OP DATE: 6/1/15 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:

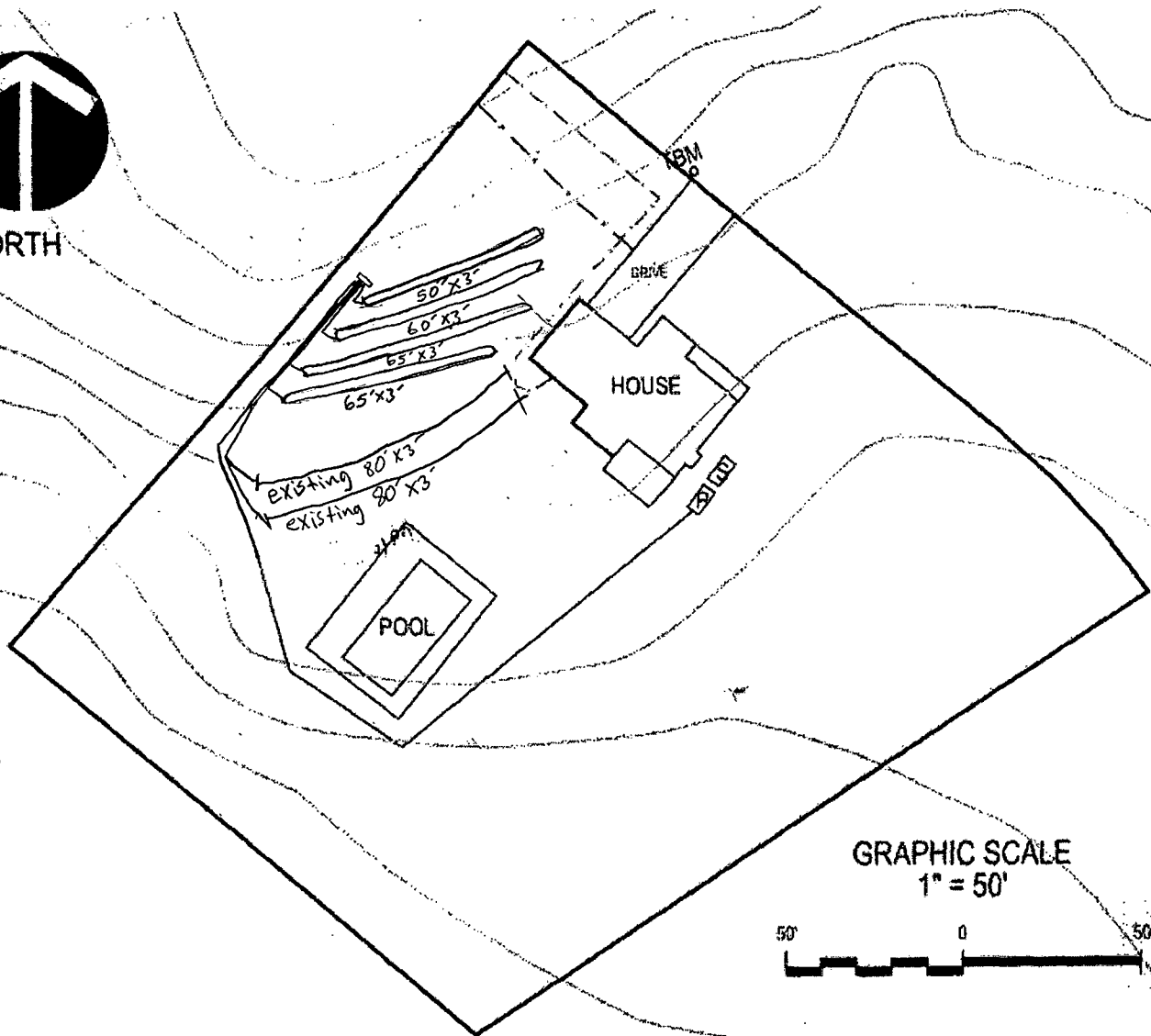
Date: 6/1/15 Benchmark: Pressure Manifold Rod reading: 4 1/4" Distance to Structure: 10'
ST: 1000 gals ID#: STB 858 D.O.M.: 3/11/02 Elev.: _____ Distance to Well: N/A
PT: 1000 gals ID#: PT 72 D.O.M.: 2/13/02 Elev.: _____ Distance to P/L: 5'
GT: _____ gals ID#: _____ D.O.M.: _____ Elev.: _____ Pretreatment: _____
D-box/FD/PM elev.: 4 1/2" Supply Line: _____ ft. Pump/Ctrl Panel: 280 Liberty / SJERhombus Filter: _____
Line 1: 3' 8 1/2" _____ Date: _____ Line 6: existing _____ Date: _____
Line 2: 4' 5" _____ Date: _____ Line 7: _____ Date: _____
Line 3: 4' 9" _____ Date: _____ Line 8: _____ Date: _____
Line 4: 5' 6" _____ Date: _____ Line 9: _____ Date: _____
Line 5: 10 1/4" existing _____ Date: _____ Line 10: _____ Date: _____
ETM1: 999811 CC1: 25 ETM2: _____ CC2: _____ OR: _____ AC: _____ WM: _____

Notes:

AS BUILT 6/11/15



NORTH



GRAPHIC SCALE
1" = 50'



LEGEND

	EXISTING SYSTEM LINE TO BE ABANDON
	EXISTING SYSTEM LINE TO BE REUSED
	REPAIR LINE
	EXISTING SEPTIC TANK
	EXISTING PUMP TANK

NOTES:

1) SITE DATA TO INCLUDE PROPERTY BOUNDARIES, STRUCTURE LOCATION, UTILITIES, ROADS, AND OTHER SITE FEATURES WERE PROVIDED BY WAKE COUNTY GIS AND ARE SHOWN TO DISPLAY GENERAL SITE CONDITIONS.

2) ALL SEPTIC SYSTEM COMPONENTS TO INCLUDE TANKS, PUMPS, MANIFOLDS, AND SYSTEM AND REPAIR LINES HAVE BEEN GPS LOCATED BY SOIL SERVICES, PLLC. ALL LOCATIONS, ELEVATIONS, AND DIMENSIONS ARE APPROXIMATE AND AS SUCH NO SPECIFIC ACCURACY EITHER VERTICAL OR HORIZONTAL IS IMPLIED.

3) PROPERTY AND EASEMENT BOUNDARIES SHOWN ON THIS SITE SKETCH ARE APPROXIMATE AND ARE NOT INTENDED FOR LOCATING PROPERTY OR IDENTIFYING PROPERTY OR EASEMENT CORNERS. THIS IS NOT A SURVEY.



SOIL SERVICES, PLLC

PO BOX 81116, RALEIGH, NC 27675
OFFICE: (919) 745-1928 FAX: (919) 251-9052
WWW.SOILSERVICES.US

Sheet Title:

SEPTIC REPAIR SITE PLAN

Project:

3704 HIGHLAND CREEK DR

Location:

WAKE CO., NC

Drawn:

CHAZ JUTTING

Project No.:

Project Manager:

Scale:

1"=50'

Sheet No.:

7 of 1

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APPLICANT: JUTTING, CHARLES E (919) 665 - 8167
3704 HIGHLAND CREEK DR APEX, NC 27539
HD USE: 0001 REPAIR/EXISTING SYSTEM EXIST USE: 101A CONVENTIONAL ONE-FAMILY HOUSE DESIGN FEE REQ?: Y PAID?: Y
SITE: LTAR: 0.30 0.30 BEDROOMS: 3 BASEMENT: N #EMPLOYEES: 0 FOUNDATION DRAIN: N
ADDRESS: 3704 HIGHLAND CREEK DR
SUBDIVISION: HIGHLAND CREEK LOT: 22 ACRES: 1.08 EASEMENT: N LOC: SYS:
DIRECTION: 401S, R ON TEN TEN, 2ND L, L ON BELLS LAKE, 1ST L ON HIGHLAND CREEK, HOUSE ON R

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: EXIST gal. PUMP Tank: EXIST gal. GREASE TRAP: gal. SQ FT: 810 ACCEPTED STATUS MAX DEPTH LINE: 22 in.
WASTEWATER: INDIVIDUAL SEWAGE: DOMESTIC TYPE SYSTEM: III B PUMP: Y P/M: Y LP: TD:
DAILY FLOW: 360 gal/day WATER: INDIVIDUAL PRETREATMENT: NA FILL: DAF: DEEP: REDUCE35%:

COMMENTS:

IP ISSUED? Y DATE: 12/05/2001 BY: (DJR) *Daniel J. Rowe (by ELC)* PHONE#: (919)-856-7459

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: PLEASE SEE DESIGN PLAN BY SARAH MENSER

FOR INSTALLATION INFORMATION. REPAIR SYSTEM IS A VARIED LENGTH ACCEPTED STATUS PRESS. MAN. WITH 22" DEEP TRENCH BOTTOMS. WHEN INSTALLING DRAINLINES, PLEASE MAINTAIN ALL REQUIRED SETBACKS. DO NOT DISTURB OR REMOVE ANY SOIL FROM EITHER THE INITIAL OR REPAIR AREA. A NEMA 4X CONTROL PANEL WITH TWO BREAKERS, TWO POWER SUPPLIES, ELAPSED TIME METER, AND CYCLE COUNTER ARE REQUIRED. INSTALL TRENCHES ON CONTOUR AND MINIMUM 9FT ON CENTER. PLEASE CALL ENVIRONMENTAL SERVICES IF ANY QUESTIONS OR PROBLEMS ARISE. IF FLAGS ARE REMOVED CALL CONSULTANT FOR RE-FLAGGING.

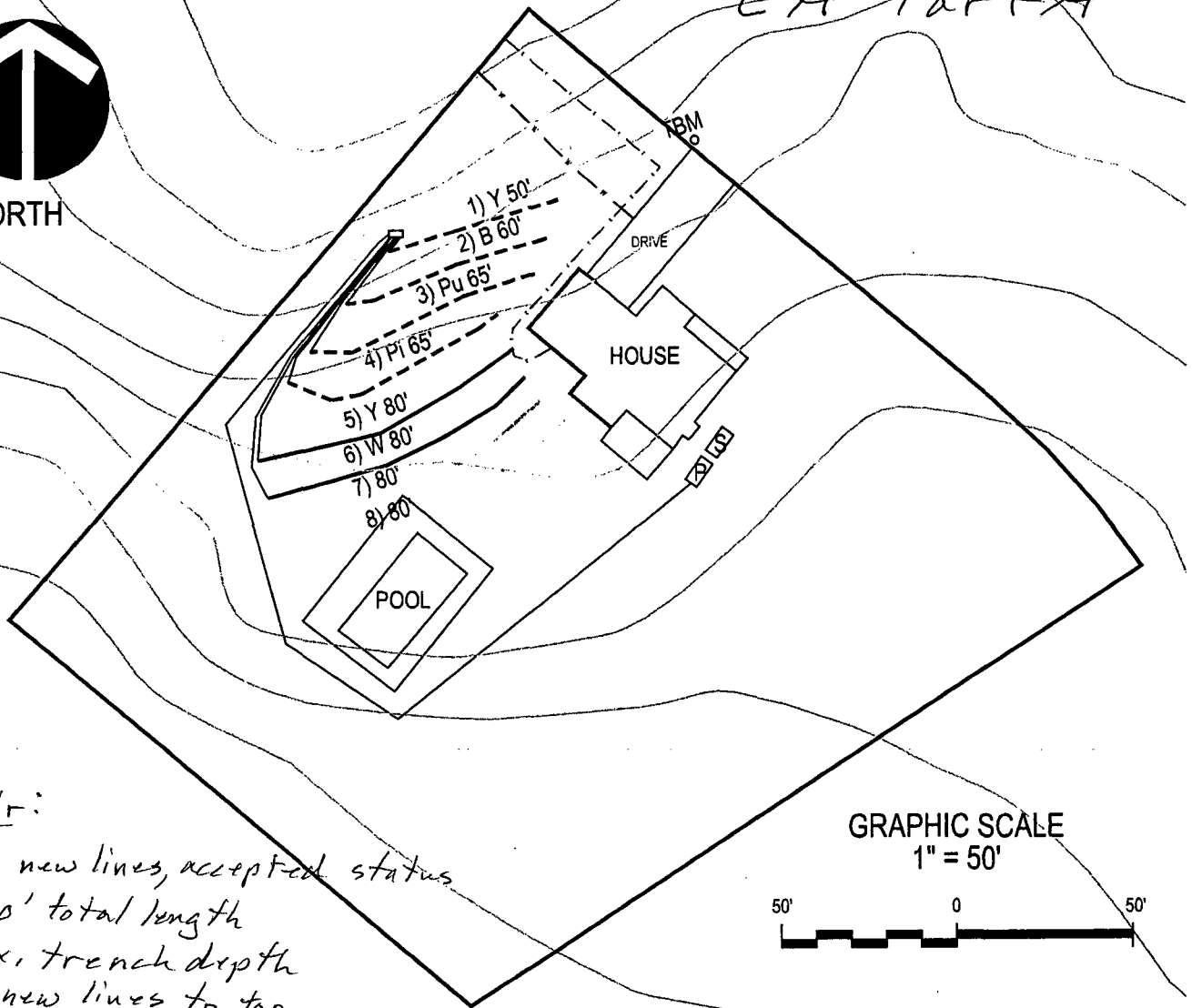
TANK SIZE: EXIST gal. PUMP TANK: EXIST gal. GREASE TRAP: gal. SQ FT: 810 ACCEPTED STATUS MAX DEPTH LINE: 22 in.
MAINT: N OPER: N L/O: P TRENCH#: 4 LENGTH: 270 ft. WIDTH: 36 in. DESIGNER: SARAH MENSER
SUBFIELDS: 2 DESIGN HEAD PRESSURE: 2 DESIGN FLOW: 41.04 gal/min DOSE VOLUME: 207 gal. PRETREATMENT: NA

CA ISSUED? Y DATE: 10/02/2014 BY: (ELC) *Everett L. Coates* PHONE#: (919)-856-5380



NORTH

CA Part A



Repair:

Add 4 new lines, accepted status
3' x 270' total length
22" max. trench depth
connect new lines to top
two lines of initial system
by pressure manifold

GRAPHIC SCALE

1" = 50'



LEGEND

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	EXISTING SYSTEM LINE TO BE REUSED
	REPAIR LINE
	EXISTING SEPTIC TANK
	EXISTING PUMP TANK

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Project:

3704 HIGHLAND CREEK DR

Location:

WAKE CO., NC

Client:

CHAZ JUTTING

Project No.: 1210-1

Project Manager: SM
Drawn: SM

Scale: 1"=50'
Field Work: SM

Sheet No.:

7 of 17