p 248774

Groundwater & Wastewater Services
Well Project File & Data Review Worksheet

GWS File #: 7280B WASPS App #: 2625

Primary ES assigned to project: Kim Garratt

Secondary ES assigned to project:

Project Type: New Well ☑ Well Abandonment ☐ Major Repair ☐

Septic System Status: Permit in progress ☐ System installation completed ☐ N/A-Sewer ☑

I. File Review:

Completed application	Yes ☑	No ☐		
ARGU review report	Yes ☐	No ☑	N/A ☐	
Signed permit	Yes ☐	No ☐		
Notification of disinfection	Yes ☐	No ☐	N/A ☐	
Sample Results	TC ☐	Nitrate/Nitrite ☐	Other ☐	N/A ☐
GW-1 Form / GW-30 Form	Yes ☐	No ☐		
Other related documentation	Yes ☐	No ☐	N/A ☐	

Items requiring correction/modification: _____

Comments: 8/28/07 - ARGU reviewed in EDMS. Please contact applicant to advise well permit is ready.

II. WASPS Review:

Completed application w/ valid address	Yes ☑	No ☐	
ARGU review completed	Yes ☑	No ☐	N/A ☐
Permit issued	Yes ☑	No ☐	
Activity checklist completed	Yes ☑	No ☐	
Appropriate comments included	Yes ☑	No ☐	
Site information record completed	Yes ☑	No ☐	
Well detail record completed	Yes ☑	No ☐	

Items requiring correction/modification: _____

Comments: 8/28/07 - Please release GWS well hold on bldg permit

OK to scan file.

Application received date: 8/22/07 ES assigned date: 8/23/07 Permit issued date: 8/27/07

Well approval date: 9/15/23 Number of days to complete project: _____

Review performed by: KGarrett Date performed: 9/15/23

lot 1 #

PSW

FILE NUMBER: 72805

SEPTIC FEE: _____
DATE: _____

Revised On: January 3, 2007
MECKLENBURG COUNTY GROUNDWATER & WASTEWATER SERVICES
APPLICATION FOR A RESIDENTIAL SITE IMPROVEMENT PERMIT/ CONSTRUCTION AUTHORIZATION FOR AN ON-SITE WASTEWATER SYSTEM, NEW WELL INSTALLATION, OR REPAIR OF EXISTING WELL

APPLICATION NUMBER: 2625

WELL FEE: 400
DATE: 8/22/07

1. SEPTIC / TYPE APPLICATION: ☐ NONE ☐ NEW SYSTEM ☐ ALTERATION ☐ REPAIR ☐ MODIFIED PLOT PLAN

2. WELL / TYPE APPLICATION: ☐ NONE ☑ NEW WELL ☐ MAJOR REPAIR ☐ ABANDONMENT

3. JOB LOCATION INFORMATION:

TAX PARCEL NUMBER: 04517235
STREET ADDRESS: 2615 Pickway drive
CITY: Charlotte
STATE: NC ZIP: 28269
SUBDIVISION NAME: _____
LOT #: 1 LOT SIZE (acres): 1/4
TOWNSHIP:

☐ 0-MECKLENBURG ☐ 3-CORNELIUS ☐ 6-HUNTERSVILLE
☑ 1-CHARLOTTE ☐ 4-PINEVILLE ☐ 7-MINT HILL
☐ 2-DAVIDSON ☐ 5-MATTHEWS

4. BUILDING INFORMATION:

BUILDING TYPE:
☐ SINGLE MOBILE HOME ☐ MODULAR HOME
☐ DOUBLE WIDE ☐ MULTIPLE FAMILY
☑ HOUSE ☐ OTHER _____
HEATED SQUARE FOOTAGE: 1635
NUMBER OF BEDROOMS: 3
NUMBER OF OCCUPANTS: 5
FOUNDATION TYPE:
☑ CONCRETE SLAB ☐ BASEMENT WITH PLUMBING
☐ CRAWL SPACE ☐ BASMENT WITH NO PLUMBING

5. IF PLANNING TO EXPAND OR ALTER THE EXISTING SYSTEM PLEASE COMPLETE THE FOLLOWING SECTION: ☐ N/A
NUMBER OF BEDROOMS TO BE ADDED: 3
NUMBER OF ADDITIONAL OCCUPANTS IN THE RESIDENCE: 5

6. WATER SUPPLY: ☐ MUNICIPAL ☐ PUBLIC WELL ☑ PRIVATE WELL ☐ SHARED WELL ☐ SPRING
7. PROPOSED USE OF WELL: ☐ N/A ☐ IRRIGATION ☑ POTABLE ☐ GEOTHERMAL ☐ OTHER

8. PLEASE INDICATE AND RANK DESIRED SEPTIC SYSTEM TYPE(S) IN ORDER OF PREFERENCE *(1-MOST DESIRED 5-LEAST DESIRED)*:

☐ ANY TYPE ☐ CONVENTIONAL ☐ ACCEPTED ☐ INNOVATIVE ☐ ALTERNATIVE ☐ OTHER _____
8A. RANK: ____ ____ ____ ____ ____

9. DO ANY OF THE FOLLOWING APPLY TO THE PROPERTY IN QUESTION? IF "YES" PLEASE ATTACH SUPPORTING DOCUMENTATION.

BURIED CABLES, LANDFILLS, STUMPHOLES	☐ YES ☑ NO	GRADING/SOIL REMOVAL PERFORMED	☐ YES ☑ NO
EXISTING WASTEWATER SYSTEMS	☐ YES ☑ NO	JURISDICTIONAL WETLANDS	☐ YES ☑ NO
WELLS, SPRINGS, OR WATER LINES	☐ YES ☑ NO	APPROVAL REQUIRED BY ANY OTHER PUBLIC AGENCY	☐ YES ☑ NO
EASEMENTS OR RIGHT-OF-WAYS	☐ YES ☑ NO	WASTEWATER OTHER THAN DOMESTIC SEWAGE	☐ YES ☑ NO

10. PROPERTY OWNER:

NAME: Deco Park International, Inc
ADDRESS: 8235 Lake drive Suite D106
CITY: Miami Florida
STATE: ZIP:
HOME PHONE: 786-277 2020 WORK PHONE:
MOBILE PHONE: 786-517-0720 FAX:

11. OWNER'S LEGAL REPRESENTATIVE, IF APPLICABLE:

NAME:
ADDRESS:
CITY:
STATE: ZIP:
HOME PHONE: WORK PHONE:
MOBILE PHONE: FAX:

12. WHAT DATE WAS THE PROPERTY ORIGINALLY DEEDED AND RECORDED? June 21 - 2007
13 WHAT IS THE ANTICIPATED CLOSING DATE FOR THIS PROPERTY? 8/27/08

14. SEPTIC SYSTEM PERMIT APPLICATION SIGNATURE SECTION:
If the information in this application is falsified, changed, or the site is altered, then the Improvement Permit and Authorization to Construct shall become invalid. I have read this application and certify that the information provided herein is true, complete and correct. Authorized county and state officials are granted right of entry to conduct necessary inspections to determine compliance with applicable laws and rules. I understand that I am solely responsible for the proper identification and labeling of all property lines and corners and making the site accessible so that a complete site evaluation can be performed. The permit is valid for either 60 months or is non-expiring depending upon the documentation submitted: complete site plan = 60 months, complete plat = non-expiring.

_____
Property Owner's or Owner's Legal Representative Signature Date

15. WELL PERMIT APPLICATION SIGNATURE SECTION:
If the information in this application is falsified, changed, or the site is altered, then the Well Permit shall become invalid. I have read this application and certify that the information provided herein is true, complete and correct. Authorized county and state officials are granted right of entry to conduct necessary inspections to determine compliance with applicable laws and rules. I understand that I am solely responsible for the proper identification and labeling of all property lines and corners and making the site accessible so that a complete site evaluation can be performed. The permit is valid for a period of 12 months from the date of issuance.

[signature]
Property Owner's or Owner's Legal Representative Signature 8/22/07
Date

☐ SURVEY PLAT TO SCALE SUBMITTED ☐ SCALED SITE PLAN SUBMITTED ☐ UN-SCALED SITE PLAN SUBMITTED

MECKLENBURG COUNTY-GROUNDWATER & WASTEWATER SERVICES
700 N. TRYON ST., SUITE 211, CHARLOTTE, NC 28202 PHONE: (704) 336-5103 FAX: (704) 336-6894

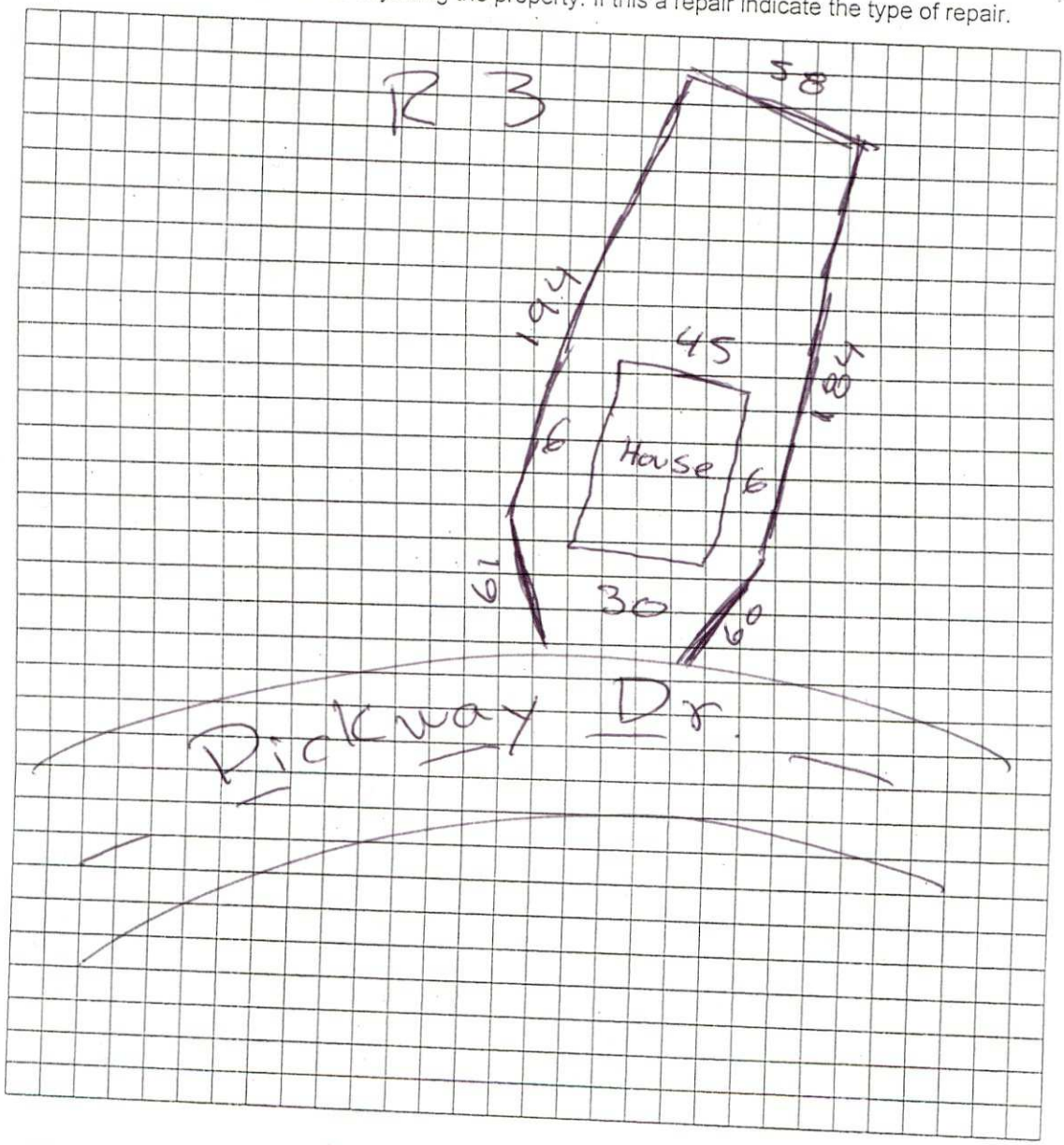
lot 1##

Mecklenburg County
Land Use & Environmental Service Agency
Groundwater & Wastewater Services
700 N. Tryon St., Suite 211
Charlotte, NC 28202
Phone: (704) 336-5103
Fax: (704) 336-6894

File #_____
Date_____

PROPOSED PLOT PLAN

A map showing existing and proposed property lines and easements with dimensions, the location of the single family residence, non-single family residence, or other facility, and appurtenances, the site for the proposed well, and the location of existing or proposed sewer lines and/or sewage disposal systems, surface water bodies, aboveground or underground storage tanks. Name all roads adjoining the property. If this a repair indicate the type of repair.



Owner/Agent Signature	
Date	8/22/07

LBC 12/15/04

MECKLENBURG COUNTY
LAND USE AND ENVIRONMENTAL SERVICES
Payment Receipt

Receipt Information

Date:	08/22/07	**Amount:**	400.00
Receipt #:	52339	**Tendered:**	400.00
Check / Auth #:	CHECK 1060	**Returned:**	0.00
Received By:	EDWARMT		

Account Information

Account #:	200000
Contractor:	9701 LANGASTON MILL RD.
Attn:	P.O. BOX 681628
Address:	
Address:	
City/State/Zip:	CHARLOTTE, NC 28216

Item	Description	Permit#	Quantity	Unit Price	Total Price
0753	Private Well, New 2615 PICKWAY DRIVE, TAX PARCEL NO.: 04517235		1	400.00	400.00

----------Outstanding Balances----------

Month-To-Date	Prior Month	30 Days	60 Days	90 Days	Balance
25.00					

Mecklenburg County Health Department
Groundwater & Wastewater Services
700 N. Tryon St, Suite 211
Charlotte, NC 28202
Phone: (704) 336-5103
Fax: (704) 336-5894

PERMIT TO CONSTRUCT A WATER SUPPLY WELL

Permit #: 10002625 **File #:** 7280B **Tax Parcel #:** 045-172-35
Property Owner: DECO PARK INTERNATIONAL INC
Job Location Address: 2615 PICKWAY DR
City/ETJ: CHARLOTTE **State:** NC **Zip Code:** 28269
Permit Issuance Date: 8/27/2007
Use of Well: Potable
Type of Facility Served by Well: House
Sewage System Type: None

Area of Regulated Groundwater Usage Restrictions Apply: YES

Replacement for Existing Well: If Yes, see requirements in Other Conditions of This Permit.

General Conditions of This Permit:

- Water Supply Well construction must meet all requirements set forth in the *Mecklenburg County Groundwater Well Regulations* and any other applicable rules and laws.
- A North Carolina Certified Well Contractor must perform the well construction activities.
- The permitted Water Supply Well shall be located in accordance with the attached SITE PLAN.
- Any alteration of the site (including location of structures and appurtenances) or modification in use of the well, may subject this Permit to revocation.
- The Department will collect an initial sample of water from the Water Supply Well and analyze the sample for total coliform bacteria, nitrate, and nitrite. A review of the analysis by the Department must find the sample to meet the groundwater quality standards specified in Chapter 5 of the Mecklenburg County Groundwater Well Regulations before the Water Supply Well can be placed in service.
- This Permit shall be VALID for a period not to exceed 12 months from the date of issuance.

Specific Conditions of This Permit (Check all that apply):

[X] Grout must be placed the full extent of the casing. [ ] Casing to bedrock

[X] Initial water sample to be taken and analyzed for (check all that apply):

[X] Volatile Organic Compounds (VOC's) [X] Semi-volatile Compounds [ ] Metals (Specify in Other Conditions)
[ ] Pesticides [ ] Herbicides [ ] Other (See Below)

The analysis must be submitted to the Department for review and approval prior to the Water Supply well being placed in service.

Other Conditions of This Permit:

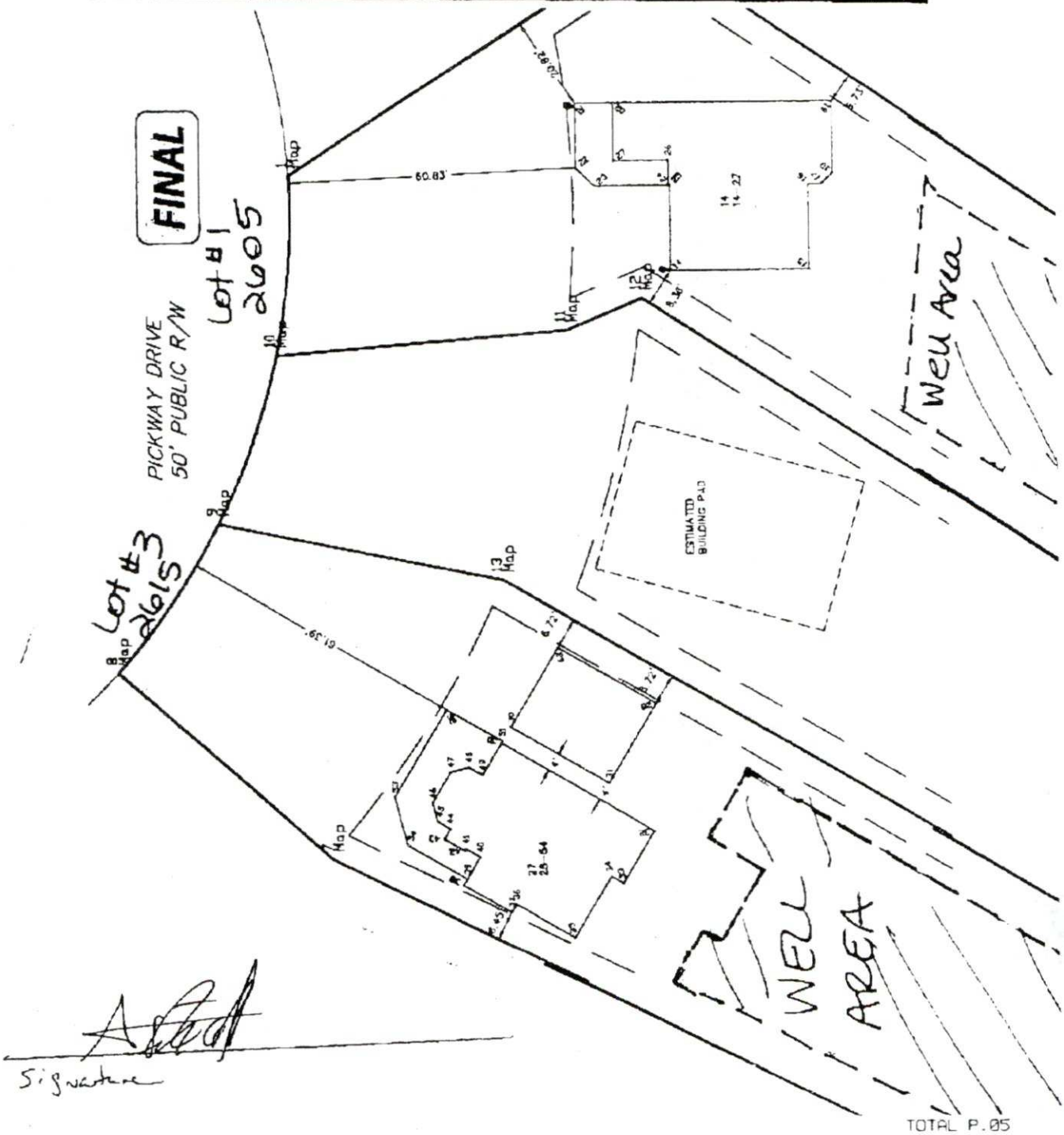
Kim Garrett, RSE
Authorized Agent: Print Name
Kim Garrett, RSE
Signature:

Aaron R. Marin
Owner/Legal Agent: Print Name
Signature:

Well Permit # 10002625

Well shall be sited according to Mecklenburg County Groundwater Well Regulations including but not limited to:
- 10' from property boundary
- 25' from building foundations
- 50' from water-tight public sewer line
- 50' from surface water bodies,

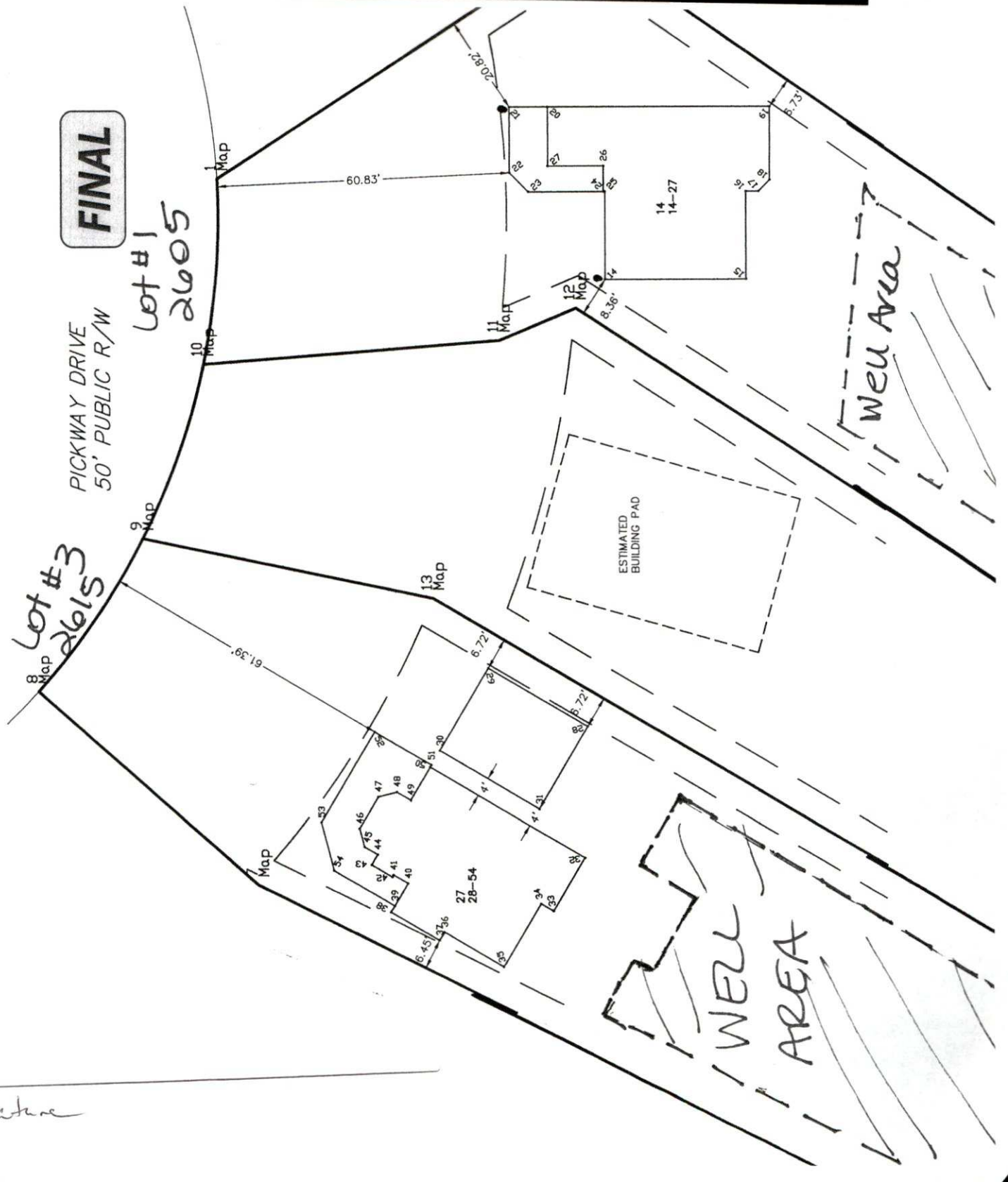
and shall not be located in any easement or right-of-way except for easements such as conservation easements.



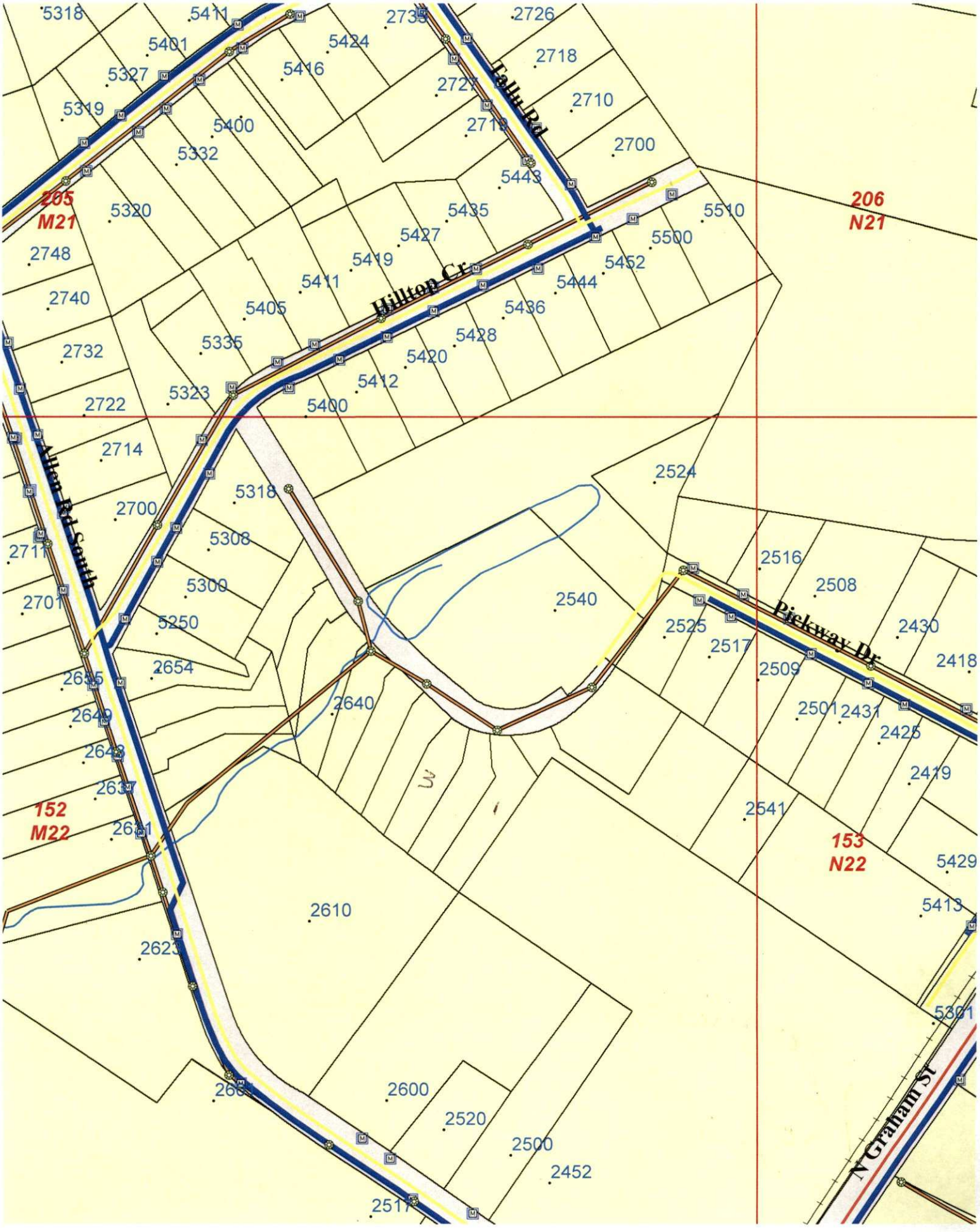
Signature

Well Permit # 10002625

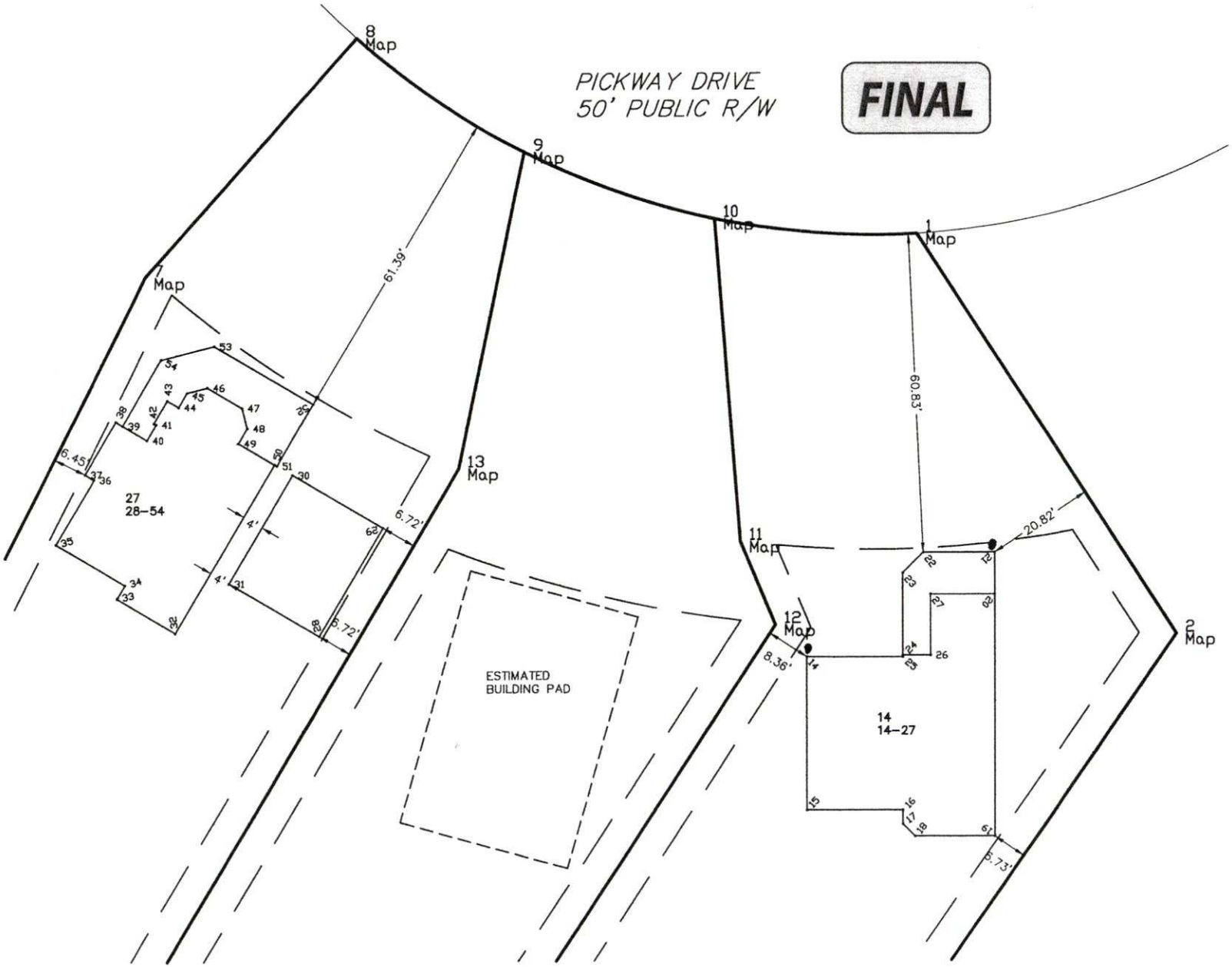
Well shall be sited according to Mecklenburg County Groundwater Well Regulations including but not limited to: 10' from property boundary
25' from building foundations
50' from water-tight public sewer line
50' from surface water bodies,
and shall not be located in any easement or right-of-way except for easements such as conservation easements.



Signature



CMUD SERVICE


PICKWAY DRIVE
50' PUBLIC R/W
FINAL
8 Map
9 Map
10 Map
1 Map
7 Map
13 Map
11 Map
12 Map
2 Map
61.39'
60.83'
20.82'
6.45'
6.72'
6.72'
8.36'
6.73'
4'
4'
27
28-54
14
14-27
ESTIMATED
BUILDING PAD

CHARLOTTE WATER

Environmental Laboratory Services

Laboratory Analysis Report
Report Date: 08/30/2023 8:48

LOCATION: GWO-99291
LOC ID: G-NEW

DESCRIPTION:

SAMPLE DATE / TIME: 08/17/2023 11:55

CHAIN OF CUSTODY #: 230817029

SAMPLE DESCRIPTION: Grab

	Parameter	Result	RL	Units	Method	Start Date / Time		Analyst
Sample ID:	**AI72813**							
AI72813	Continuous Liq-Liq Extraction	Completed			3520C	08/24/2023	08:05	WMH
AI72813	1,1,1,2-Tetrachloroethane	<	0.5	ug/L	EPA 524.2	08/23/2023	16:01	MCK
AI72813	1,1,1-Trichloroethane	<	0.5	ug/L	EPA 524.2	08/23/2023	16:01	MCK
AI72813	1,1,2,2-Tetrachloroethane	<	0.5	ug/L	EPA 524.2	08/23/2023	16:01	MCK
AI72813	1,1,2-Trichloroethane	<	0.5	ug/L	EPA 524.2	08/23/2023	16:01	MCK
AI72813	1,1-Dichloroethane	<	0.5	ug/L	EPA 524.2	08/23/2023	16:01	MCK
AI72813	1,1-Dichloroethylene	<	0.5	ug/L	EPA 524.2	08/23/2023	16:01	MCK
AI72813	1,1-Dichloropropene	<	0.5	ug/L	EPA 524.2	08/23/2023	16:01	MCK
AI72813	1,2,3-Trichlorobenzene	<	0.5	ug/L	EPA 524.2	08/23/2023	16:01	MCK
AI72813	1,2,3-Trichloropropane	<	0.5	ug/L	EPA 524.2	08/23/2023	16:01	MCK
AI72813	1,2,4-Trichlorobenzene	<	0.5	ug/L	EPA 524.2	08/23/2023	16:01	MCK
AI72813	1,2,4-Trimethylbenzene	<	0.5	ug/L	EPA 524.2	08/23/2023	16:01	MCK
AI72813	1,2-Dibromo-3-chloropropane (DCP)*	<	0.5	ug/L	EPA 524.2	08/23/2023	16:01	MCK
AI72813	1,2-Dibromoethane (EDB)*	<	0.5	ug/L	EPA 524.2	08/23/2023	16:01	MCK
AI72813	1,2-Dichloroethane	<	0.5	ug/L	EPA 524.2	08/23/2023	16:01	MCK
AI72813	1,2-Dichloropropane	<	0.5	ug/L	EPA 524.2	08/23/2023	16:01	MCK
AI72813	1,3,5-Trimethylbenzene	<	0.5	ug/L	EPA 524.2	08/23/2023	16:01	MCK
AI72813	1,3-Dichloropropane	<	0.5	ug/L	EPA 524.2	08/23/2023	16:01	MCK
AI72813	2,2-Dichloropropane	<	0.5	ug/L	EPA 524.2	08/23/2023	16:01	MCK
AI72813	Benzene	<	0.5	ug/L	EPA 524.2	08/23/2023	16:01	MCK
AI72813	Bromobenzene	<	0.5	ug/L	EPA 524.2	08/23/2023	16:01	MCK
AI72813	Bromochloromethane	<	0.5	ug/L	EPA 524.2	08/23/2023	16:01	MCK
AI72813	Bromodichloromethane	<	0.5	ug/L	EPA 524.2	08/23/2023	16:01	MCK
AI72813	Bromoform	<	0.5	ug/L	EPA 524.2	08/23/2023	16:01	MCK
AI72813	Bromomethane	<	0.5	ug/L	EPA 524.2	08/23/2023	16:01	MCK
AI72813	Carbon Tetrachloride	<	0.5	ug/L	EPA 524.2	08/23/2023	16:01	MCK
AI72813	Chlorobenzene	<	0.5	ug/L	EPA 524.2	08/23/2023	16:01	MCK
AI72813	Chlorodibromomethane	<	0.5	ug/L	EPA 524.2	08/23/2023	16:01	MCK
AI72813	Chloroethane	<	0.5	ug/L	EPA 524.2	08/23/2023	16:01	MCK
AI72813	Chloroform	<	0.5	ug/L	EPA 524.2	08/23/2023	16:01	MCK
AI72813	Chloromethane	<	0.5	ug/L	EPA 524.2	08/23/2023	16:01	MCK
AI72813	Cis-1,2-Dichloroethylene	<	0.5	ug/L	EPA 524.2	08/23/2023	16:01	MCK
AI72813	Cis-1,3-Dichloropropene	<	0.5	ug/L	EPA 524.2	08/23/2023	16:01	MCK
AI72813	Dibromomethane	<	0.5	ug/L	EPA 524.2	08/23/2023	16:01	MCK
AI72813	Dichlorodifluoromethane	<	0.5	ug/L	EPA 524.2	08/23/2023	16:01	MCK
AI72813	Dichloromethane (methylene chloride)	<	0.5	ug/L	EPA 524.2	08/23/2023	16:01	MCK
AI72813	Ethylbenzene	<	0.5	ug/L	EPA 524.2	08/23/2023	16:01	MCK
AI72813	Fluorotrichloromethane	<	0.5	ug/L	EPA 524.2	08/23/2023	16:01	MCK
AI72813	Hexachlorobutadiene	<	0.5	ug/L	EPA 524.2	08/23/2023	16:01	MCK
AI72813	Isopropylbenzene	<	0.5	ug/L	EPA 524.2	08/23/2023	16:01	MCK
AI72813	m&p-Xylene	<	1.0	ug/L	EPA 524.2	08/23/2023	16:01	MCK
AI72813	m-Dichlorobenzene	<	0.5	ug/L	EPA 524.2	08/23/2023	16:01	MCK
AI72813	Methyl-t-butyl ether (MTBE)	<	0.5	ug/L	EPA 524.2	08/23/2023	16:01	MCK
AI72813	Naphthalene	<	0.5	ug/L	EPA 524.2	08/23/2023	16:01	MCK
AI72813	n-Butylbenzene	<	0.5	ug/L	EPA 524.2	08/23/2023	16:01	MCK
AI72813	n-Propylbenzene	<	0.5	ug/L	EPA 524.2	08/23/2023	16:01	MCK
AI72813	o-Chlorotoluene	<	0.5	ug/L	EPA 524.2	08/23/2023	16:01	MCK
AI72813	o-Dichlorobenzene	<	0.5	ug/L	EPA 524.2	08/23/2023	16:01	MCK
AI72813	o-Xylene	<	0.5	ug/L	EPA 524.2	08/23/2023	16:01	MCK
AI72813	p-Chlorotoluene	<	0.5	ug/L	EPA 524.2	08/23/2023	16:01	MCK
AI72813	p-Dichlorobenzene	<	0.5	ug/L	EPA 524.2	08/23/2023	16:01	MCK
AI72813	p-Isopropyltoluene	<	0.5	ug/L	EPA 524.2	08/23/2023	16:01	MCK

CHARLOTTE WATER

Environmental Laboratory Services

Laboratory Analysis Report
Report Date: 08/30/2023 8:48

LOCATION: GWO-99291
LOC ID: G-NEW

DESCRIPTION:

SAMPLE DATE / TIME: 08/17/2023 11:55

CHAIN OF CUSTODY #: 230817029

SAMPLE DESCRIPTION: Grab

	Parameter	Result	RL	Units	Method	Start Date / Time	Analyst
AI72813	Sec-Butylbenzene	<	0.5	ug/L	EPA 524.2	08/23/2023 16:01	MCK
AI72813	Styrene	<	0.5	ug/L	EPA 524.2	08/23/2023 16:01	MCK
AI72813	Tert-Butylbenzene	<	0.5	ug/L	EPA 524.2	08/23/2023 16:01	MCK
AI72813	Tetrachloroethylene	<	0.5	ug/L	EPA 524.2	08/23/2023 16:01	MCK
AI72813	Toluene	<	0.5	ug/L	EPA 524.2	08/23/2023 16:01	MCK
AI72813	Trans-1,2-Dichloroethylene	<	0.5	ug/L	EPA 524.2	08/23/2023 16:01	MCK
AI72813	Trans-1,3-Dichloropropene	<	0.5	ug/L	EPA 524.2	08/23/2023 16:01	MCK
AI72813	Trichloroethylene	<	0.5	ug/L	EPA 524.2	08/23/2023 16:01	MCK
AI72813	Vinyl Chloride	<	0.5	ug/L	EPA 524.2	08/23/2023 16:01	MCK
AI72813	1,2,4,5 Tetrachlorobenzene	<	5	ug/L	SW846 8270E	08/25/2023 10:17	WMH
AI72813	1,2,4-Trichlorobenzene	<	5	ug/L	SW846 8270E	08/25/2023 10:17	WMH
AI72813	1,2-Dichlorobenzene	<	5	ug/L	SW846 8270E	08/25/2023 10:17	WMH
AI72813	1,3-Dichlorobenzene	<	5	ug/L	SW846 8270E	08/25/2023 10:17	WMH
AI72813	1,4-Dichlorobenzene	<	5	ug/L	SW846 8270E	08/25/2023 10:17	WMH
AI72813	1-Chloronaphthalene	<	5	ug/L	SW846 8270E	08/25/2023 10:17	WMH
AI72813	2,3,4,6-Tetrachlorophenol	<	5	ug/L	SW846 8270E	08/25/2023 10:17	WMH
AI72813	2,3-Dichloraniline	<	5	ug/L	SW846 8270E	08/25/2023 10:17	WMH
AI72813	2,4,5-Trichlorophenol	<	5	ug/L	SW846 8270E	08/25/2023 10:17	WMH
AI72813	2,4,6-Trichlorophenol	<	5	ug/L	SW846 8270E	08/25/2023 10:17	WMH
AI72813	2,4-Dichlorophenol	<	5	ug/L	SW846 8270E	08/25/2023 10:17	WMH
AI72813	2,4-Dimethylphenol	<	5	ug/L	SW846 8270E	08/25/2023 10:17	WMH
AI72813	2,4-Dinitrophenol	<	20	ug/L	SW846 8270E	08/25/2023 10:17	WMH
AI72813	2,4-Dinitrotoluene	<	5	ug/L	SW846 8270E	08/25/2023 10:17	WMH
AI72813	2,6-Dichlorophenol	<	5	ug/L	SW846 8270E	08/25/2023 10:17	WMH
AI72813	2,6-Dinitrotoluene	<	5	ug/L	SW846 8270E	08/25/2023 10:17	WMH
AI72813	2-Chloronaphthalene	<	5	ug/L	SW846 8270E	08/25/2023 10:17	WMH
AI72813	2-Chlorophenol	<	5	ug/L	SW846 8270E	08/25/2023 10:17	WMH
AI72813	2-Methylnaphthalene	<	5	ug/L	SW846 8270E	08/25/2023 10:17	WMH
AI72813	2-Methylphenol	<	5	ug/L	SW846 8270E	08/25/2023 10:17	WMH
AI72813	2-Nitroaniline	<	5	ug/L	SW846 8270E	08/25/2023 10:17	WMH
AI72813	2-Nitrophenol	<	5	ug/L	SW846 8270E	08/25/2023 10:17	WMH
AI72813	3,3'-Dichlorobenzidine	<	5	ug/L	SW846 8270E	08/25/2023 10:17	WMH
AI72813	3-Nitroaniline	<	5	ug/L	SW846 8270E	08/25/2023 10:17	WMH
AI72813	4,6-Dinitro-2-methylphenol	<	5	ug/L	SW846 8270E	08/25/2023 10:17	WMH
AI72813	4-Bromophenyl-phenylether	<	5	ug/L	SW846 8270E	08/25/2023 10:17	WMH
AI72813	4-Chloro-3-methylphenol	<	5	ug/L	SW846 8270E	08/25/2023 10:17	WMH
AI72813	4-Chloroaniline	<	5	ug/L	SW846 8270E	08/25/2023 10:17	WMH
AI72813	4-Chlorophenyl-phenylether	<	5	ug/L	SW846 8270E	08/25/2023 10:17	WMH
AI72813	4-Methylphenol	<	5	ug/L	SW846 8270E	08/25/2023 10:17	WMH
AI72813	4-Nitroaniline	<	5	ug/L	SW846 8270E	08/25/2023 10:17	WMH
AI72813	4-Nitrophenol	<	5	ug/L	SW846 8270E	08/25/2023 10:17	WMH
AI72813	Acenaphthene	<	5	ug/L	SW846 8270E	08/25/2023 10:17	WMH
AI72813	Acenaphthylene	<	5	ug/L	SW846 8270E	08/25/2023 10:17	WMH
AI72813	Acetophenone	<	5	ug/L	SW846 8270E	08/25/2023 10:17	WMH
AI72813	Alpha-Terpineol	<	5	ug/L	SW846 8270E	08/25/2023 10:17	WMH
AI72813	Aniline	<	5	ug/L	SW846 8270E	08/25/2023 10:17	WMH
AI72813	Anthracene	<	5	ug/L	SW846 8270E	08/25/2023 10:17	WMH
AI72813	Benzidine	<	15	ug/L	SW846 8270E	08/25/2023 10:17	WMH
AI72813	Benzo [g,h,i] perylene	<	5	ug/L	SW846 8270E	08/25/2023 10:17	WMH
AI72813	Benzo(a) anthracene	<	5	ug/L	SW846 8270E	08/25/2023 10:17	WMH
AI72813	Benzo[a]pyrene	<	5	ug/L	SW846 8270E	08/25/2023 10:17	WMH
AI72813	Benzo[b]fluoranthene	<	5	ug/L	SW846 8270E	08/25/2023 10:17	WMH
AI72813	Benzo[k]fluoranthene	<	5	ug/L	SW846 8270E	08/25/2023 10:17	WMH

CHARLOTTE WATER

Environmental Laboratory Services

Laboratory Analysis Report
Report Date: 08/30/2023 8:48

LOCATION: GWO-99291
LOC ID: G-NEW

DESCRIPTION:

SAMPLE DATE / TIME: 08/17/2023 11:55

CHAIN OF CUSTODY #: 230817029

SAMPLE DESCRIPTION: Grab

	Parameter	Result	RL	Units	Method	Start Date / Time	Analyst
AI72813	Benzoic acid	<	25	ug/L	SW846 8270E	08/25/2023 10:17	WMH
AI72813	Benzyl alcohol	<	5	ug/L	SW846 8270E	08/25/2023 10:17	WMH
AI72813	bis(2-Chloroethoxy)methane	<	5	ug/L	SW846 8270E	08/25/2023 10:17	WMH
AI72813	Bis(2-chloroethyl) ether	<	5	ug/L	SW846 8270E	08/25/2023 10:17	WMH
AI72813	bis(2-chloroisopropyl) ether	<	5	ug/L	SW846 8270E	08/25/2023 10:17	WMH
AI72813	bis(2-Ethylhexyl)phthalate	<	5	ug/L	SW846 8270E	08/25/2023 10:17	WMH
AI72813	Butylbenzylphthalate	<	5	ug/L	SW846 8270E	08/25/2023 10:17	WMH
AI72813	Carbazole	<	5	ug/L	SW846 8270E	08/25/2023 10:17	WMH
AI72813	Chrysene	<	5	ug/L	SW846 8270E	08/25/2023 10:17	WMH
AI72813	Dibenz[a,h]anthracene	<	5	ug/L	SW846 8270E	08/25/2023 10:17	WMH
AI72813	Dibenzofuran	<	5	ug/L	SW846 8270E	08/25/2023 10:17	WMH
AI72813	Diethylphthalate	<	5	ug/L	SW846 8270E	08/25/2023 10:17	WMH
AI72813	Dimethylphthalate	<	5	ug/L	SW846 8270E	08/25/2023 10:17	WMH
AI72813	Di-n-butylphthalate	<	5	ug/L	SW846 8270E	08/25/2023 10:17	WMH
AI72813	Di-n-octylphthalate	<	5	ug/L	SW846 8270E	08/25/2023 10:17	WMH
AI72813	Diphenylhydrazine	<	5	ug/L	SW846 8270E	08/25/2023 10:17	WMH
AI72813	Fluoranthene	<	5	ug/L	SW846 8270E	08/25/2023 10:17	WMH
AI72813	Fluorene	<	5	ug/L	SW846 8270E	08/25/2023 10:17	WMH
AI72813	Hexachlorobenzene	<	5	ug/L	SW846 8270E	08/25/2023 10:17	WMH
AI72813	Hexachlorobutadiene	<	5	ug/L	SW846 8270E	08/25/2023 10:17	WMH
AI72813	Hexachlorocyclopentadiene	<	5	ug/L	SW846 8270E	08/25/2023 10:17	WMH
AI72813	Hexachloroethane	<	5	ug/L	SW846 8270E	08/25/2023 10:17	WMH
AI72813	Indeno[1,2,3-cd]pyrene	<	5	ug/L	SW846 8270E	08/25/2023 10:17	WMH
AI72813	Isophorone	<	5	ug/L	SW846 8270E	08/25/2023 10:17	WMH
AI72813	Napthalene	<	5	ug/L	SW846 8270E	08/25/2023 10:17	WMH
AI72813	n-Decane	<	5	ug/L	SW846 8270E	08/25/2023 10:17	WMH
AI72813	Nitrobenzene	<	5	ug/L	SW846 8270E	08/25/2023 10:17	WMH
AI72813	N-Nitrosodimethylamine	<	5	ug/L	SW846 8270E	08/25/2023 10:17	WMH
AI72813	n-Nitroso-di-n-propylamine	<	5	ug/L	SW846 8270E	08/25/2023 10:17	WMH
AI72813	N-Nitrosodiphenylamine	<	5	ug/L	SW846 8270E	08/25/2023 10:17	WMH
AI72813	n-Octadecane	<	5	ug/L	SW846 8270E	08/25/2023 10:17	WMH
AI72813	Pentachlorobenzene	<	5	ug/L	SW846 8270E	08/25/2023 10:17	WMH
AI72813	Pentachlorophenol	<	10	ug/L	SW846 8270E	08/25/2023 10:17	WMH
AI72813	Phenanthrene	<	5	ug/L	SW846 8270E	08/25/2023 10:17	WMH
AI72813	Phenol	<	5	ug/L	SW846 8270E	08/25/2023 10:17	WMH
AI72813	Pyrene	<	5	ug/L	SW846 8270E	08/25/2023 10:17	WMH
AI72813	Pyridine	<	5	ug/L	SW846 8270E	08/25/2023 10:17	WMH
AI72813	E. Coli-PA (Colisure)	Absent		P/A	Colisure	08/17/2023 15:35	MCP
AI72813	Total Coliform- P/A (Colisure)	Absent		P/A	Colisure	08/17/2023 15:35	MCP
AI72813	Nitrate	1.4	0.05	mg/L	EPA353.2-93	08/18/2023 11:45	PLR
AI72813	Nitrate/Nitrite	1.4	0.05	mg/L	EPA353.2-93	08/18/2023 11:45	PLR
AI72813	Nitrite	<0.05	0.05	mg/L	EPA353.2-93	08/17/2023 15:40	PLR

CHARLOTTE WATER

Environmental Laboratory Services

Laboratory Analysis Report
Report Date: 08/30/2023 8:48

LOCATION: GWO-99291
LOC ID: G-NEW

DESCRIPTION:

SAMPLE DATE / TIME: 08/17/2023 11:55

CHAIN OF CUSTODY #: 230817029

SAMPLE DESCRIPTION: Grab

Parameter	Result	RL	Units	Method	Start Date / Time	Analyst

Comment: 524: EPA 524.2 is not an approved method for 1,2-dibromo-3-chloropropane (DBCP) and 1,2-dibromoethane (EDB).

Eric W. Newell, Laboratory Supervisor:

The results contained in this report are specific to the samples listed above.

CHARLOTTE WATER-Environmental Laboratory Services
4222 Westmont Drive, Charlotte, North Carolina 28217
N.C. Certification 192, N.C.DHHS Certification 37417, EPA Cert 01215

CHARLOTTE-MECKLENBURG UTILITY DEPARTMENT

ENVIRONMENTAL LABORATORY SERVICES

4222 Westmont Drive, Charlotte, NC 28217 (704) 336 - 2854 or (704) 622 - 7280

NC DENR Certification No. 192; NC DHHS Certification No. 37417; US EPA Certification No. 01215

CHARLOTTE
CHARLOTTE-MECKLENBURG UTILITY DEPARTMENT
CHARLOTTE-MECKLENBURG UTILITY DEPARTMENT

CHAIN OF CUSTODY RECORD

COC #: 230817029 PAGE 1 OF 1

CLIENT: Mecklenburg County, LUESA - Groundwater & Wastewater Services	Send REPORT To: Kim Garrett, 3205 Freedom Drive, Suite 8000, Charlotte, NC 28208	Send INVOICE To: Jeremy Michael, 3205 Freedom Drive, Suite 8000, Charlotte, NC 28208	Sampled By (Print Name): Kim Garrett
FACILITY: Groundwater (POTABLE WATER)			Witnessed By (Print & Sign Name - If Applicable):
ADDRESS: 2615 Pickway Drive			
LAB CODE (circle one): REAL PRIV (NEW) TNC MPL PME AMB LM OTHER			

Sample ID	Sample Collector's Initials	Sample Collection: Begin Date / Time	Sample Collection: End Date / Time	Chlorinated System: (Y/N)	Sample Temperature: Collection Temp. °C	Sample Temperature: Receipt Temp. °C	Sample Type: Depth Composite	Sample Type: Auto Composite	Sample Type: Hand Composite	Sample Type: Grab	Sample Containers: Plastic	Sample Containers: Glass	Sample Containers: # of Containers	Chemical Preservative: None	HNO3	H2SO4	NaOH	HCl	Na2S2O3	Indicate pH of Preserved Sample	Analyses: Total coliform - P/A	E. coli P/A	Nitrate	Nitrite	VOC (#524)	Semi VOC (8270)	Pesticides (#8081)	LAB USE ONLY LABORATORY SAMPLE ID
GWO - 99291	ksg	8/17/2023 11:55	N/A	N	18.7	3.5				x	100 ml		1						X		X	X						AI72813 A
			N/A	N		1.3				x	250 ml		1			X				<2			X					B
			N/A	N						x	250 ml		1	X										X				C
			N/A	N						x		40 ml	3					x							X			D1 D3
			N/A					homere		x		500 ml	3	x												X		E1 E3
			N/A																									
			N/A																									
			N/A																									
			N/A																									
			N/A																									

Instructions: Complete all yellow shaded areas. Blue areas are for LAB USE ONLY.
For each parameter requested, circle the "x" to verify your request.
Nutrients include: Nitrate/Nitrite, TKN, Total Phosphours, Ammonia
Itemize Metals Here:

For Grab samples, record the collection time as the BEGIN date/time only.

Comments:
Sample location: well head outside spigot kitchen tap

Relinquished by: (Signature)	Received by: (Signature)	Date:	Military Time:
Kim Garrett	Mikayla McGinty	8/17/23	14:58
Relinquished by: (Signature)	Received by: (Signature)	Date:	Military Time:
Relinquished by: (Signature)	Received by: (Signature)	Date:	Military Time:
Relinquished by: (Signature)	Received by: (Signature)	Date:	Military Time:

Form Revision 08; Effective April 1, 2012

Lab Codes: REAL = Real Estate; PRIV = Private Well; NEW = New Permitted Well; TNC = Transient Non-Community; AMB = Ambient; LM = Landfill

North Carolina Division of Public Health
Occupational and Environmental Epidemiology Branch, Epidemiology Section
BIOLOGICAL ANALYSIS REPORT

Private well water information and recommendations

County: mecklenburg Name: gwo-99291 Sample ID Number: AI72813
Location: 2615 Pickway Drive Reviewer Kim Garrett, REHS

Initial Sample X Confirmation Sample _____

BIOLOGICAL ANALYSIS RESULTS AND RECOMMENDATIONS FOR USES OF YOUR PRIVATE WELL WATER (These recommendations are based on biological analysis only.)

✔ No coliform bacteria were found in your well water. Your water can be used for all purposes including drinking, cooking, washing dishes, bathing and showering.

_____ Total coliform bacteria were detected in your water sample. Total Coliform are a group of related bacteria that are (with few exceptions) not harmful to humans. A variety of bacteria, parasites, and viruses, known as pathogens, can potentially cause health problems if humans ingest them. EPA considers total coliforms a useful indicator of other pathogens for drinking water. Total coliforms are used to determine the adequacy of water treatment and the integrity of the distribution system

_____ It is recommended that your well water be re-tested to verify that the result is accurate.

_____ Fecal coliform bacteria were detected in the sample. **Do not use the water for drinking, cooking, washing dishes, bathing or showering**.

If the re-test shows contamination by bacteria contact your local health department for assistance. There may be a problem with the construction of the well, the groundwater source, or operation of the well. The well needs to be inspected by the local health department or a local well contractor to determine the problem with the well and to give guidance on how to correct the problem.

Your well water was tested for biological contaminants (total coliform and fecal coliform bacteria). The results were evaluated using the federal drinking water standards.

Drinking water may contain substances that can occur naturally in water or can be introduced into water from man-made sources. Total coliform bacteria are found in soil and fecal coliform bacteria are found in animal and human waste. Total coliform or fecal coliform bacteria in well water indicate that the well may have structural problems or that the well was not properly disinfected.

If you have been drinking the well water and are pregnant, nursing, have a child in the household under 5 years of age, or immunocompromised (such as an individual with AIDS, cancer, hepatitis, dialysis or surgical procedures) inform your physician of these results at your next visit.

If the contamination continues, you should investigate the possibility of drilling a new well or installing a point-of-entry disinfection unit which can use chlorine, ultraviolet light, or ozone.

For further information please contact your county health department or the Occupational and Environmental Epidemiology Branch at 919-707-5900.

North Carolina State Laboratory of Public Health

Environmental Sciences

Inorganic Chemistry

4312 District Drive
MSC 1918
Raleigh, NC 27699-1918

http://slph.ncpublichealth.com
Phone: 919-733-7308
Fax: 919-715-8611

Certificate of Analysis

FINAL REPORT

Report to: KIM GARRETT

MECKLENBURG CO ENVIRONMENTAL HEALTH
3205 Freedom Drive
CHARLOTTE, NC 28208

Name of System:

GWO - 99291

EIN: 566000319EH **Delivery:** NC Courier

StarLiMS ID: **ES230822-0047**
Date Collected: 08/17/2021 Time Collected: 11:55 By: Kim Garrett
Date Received: 08/22/2023 Time Received: 08:06

Sample Type: Raw
Sample Source: New Well
Sampling Point: Outside spigot
Receipt Temp. :
Well Permit No.
GPS Number:

Profile: New Well - No Nitrate I

Analyte	Test Result	Allowable Limit	Unit	Qualifier(s)
Arsenic	<0.001	0.010	mg/L	
Barium	<0.1	2.0	mg/L	
Cadmium	<0.0005	0.005	mg/L	
Calcium	11		mg/L	
Chloride	5.1	250	mg/L	
Chromium	<0.02	0.10	mg/L	
Copper	0.043	1.3	mg/L	
Fluoride	<0.1	4.00	mg/L	
Iron	<0.06	0.300	mg/L	
Lead	<0.003	0.015	mg/L	
Magnesium	6		mg/L	
Manganese	<0.005	0.05	mg/L	
Mercury	<0.0004	0.002	mg/L	
Nickel	<0.01	0.1	mg/L	
pH	7.5		N/A	
Selenium	<0.005	0.05	mg/L	
Silver	<0.01	0.10	mg/L	
Sodium	8.5		mg/L	
Sulfate	<5	250	mg/L	
Total Alkalinity	57		mg/L	
Total Hardness	52		mg/L	
Zinc	<0.05	5.0	mg/L	

Report Date: 09/01/2023

Reported By:

Marc Komlos

North Carolina State Laboratory of Public Health
Department of Health and Human Services
4312 District Dr. – P. O. Box 28047, Raleigh, NC 27607
Tel 919-733-7308 Fax 919-715-8611 MSC 1918

Private Well-Water Sample

Full Panel

Complete all items – please write legibly. Sample collection instructions can be found on the reverse side.

Well Identification:

Well Permit #: GWO-99291
Name:
Physical Address:
City:
Zip: County:
GPS Location:

Water source:

☐ Existing Well ☒ New Well
☐ Community/Municipal ☐ Other:

Type of samples: ☒ Raw ☐ Treated
Type of treatment:

Sample Collection:

*Date: 8/17/23 *Time: 11:55 AM/PM
Sampling point: outside spigot
Collected by: Kim Garrett

*Report to EIN: 566000319R
EH Specialist: Kim Garrett
Health
Addres
City:

Mecklenburg County Health Department
Valerie C Woodard Center
3205 Freedom Drive, Suite 8000
Charlotte, NC 28208

Full Panel includes, at a minimum:

Alkalinity	Chloride	Iron	pH
Arsenic	Chromium	Lead	Selenium
Barium	Copper	Manganese	Silver
Cadmium	Fluoride	Magnesium	Sodium
Calcium	Hardness (T)	Mercury	Zinc

Mark below if requested: **(additional sample required)**
☐ Nitrate/Nitrite/Sulfate
☐ Total Coliform/*E. coli*

Other request – contact laboratory prior to sample submittal
☐ Total/Soluble Iron
☐ Other:

Laboratory Use Only:

Date/Time:		AM/PM
Received by:		
Delivered by: (circle one)	US Mail Commercial courier	NC Courier Walk-in
Temperature upon receipt (°C): (Nitrate/Nitrite/Sulfate only)		

Comments:

Mandatory North Carolina New Well Ordinance requires, at a minimum, testing of analytes included within the Full Panel list, Nitrate/Nitrite, and Total Coliform/*E. coli,* which are normally performed in the Environmental Sciences Inorganics and Microbiology Laboratories. Other Microbiological analyses may be requested on a separate sample submittal form.

***Required fields. Samples may be rejected if this information is not included.**

DPH Form 4126
(Rev. 08/2021)

N O R T H C A R O L I N A

NC DEPARTMENT OF
HEALTH AND HUMAN SERVICES
Division of Public Health

Private Well Information and Use Recommendations

For Inorganic Chemical Contaminants

County: Mecklenburg | Sample Name: GWO-99291

Sample ID #: ES230822-0047 | Reviewer: Kim Garrett, REHS

TEST RESULTS AND USE RECOMMENDATIONS

1. ☑ Your well water meets federal drinking water standards ***for inorganic chemicals***. Your water can be used for drinking, cooking, washing, cleaning, bathing, and showering based on the ***inorganic chemical results only***. You may have other water sampling results that are not taken into account in this report.

2. ☐ The following substance(s) exceeded federal drinking water standards or the North Carolina 2L calculated health levels. The North Carolina Division of Public Health recommends that your well water not be used for drinking and cooking unless you install a water treatment system to remove the checked substance(s). However, it may be used for washing, cleaning, bathing, and showering based on the ***inorganic chemical results only***.

☐Arsenic ☐Barium ☐Cadmium ☐Chromium ☐Copper ☐Fluoride ☐Iron
☐Lead ☐Manganese ☐Mercury ☐Nickel ☐Nitrate/Nitrite ☐Selenium ☐Silver
☐Zinc

3. ☐ While your lead levels do not exceed federal or state standards, the North Carolina Division of Public Health has concerns with any detection of lead. Should you have any questions please contact the NC Private Well and Health Program at (919) 707 - 5900.

4. ☐ Re-sample for lead and /or copper. Take a first draw and 30-second flush sample inside the house (preferably the kitchen sink) and a first draw and 4 minutes flush sample at the wellhead to determine the source of the lead and/ or copper.

5. ☐ The following substance(s) exceeded aesthetic drinking water standards. Your water can be used for drinking, cooking, washing, cleaning, bathing, and showering based on the ***inorganic chemical results only***, but aesthetic problems such as bad taste, odor, staining of porcelain, etc. may occur. You may want to install a household water treatment system to address aesthetic problems.

☐Chloride ☐Copper ☐Flouride ☐Iron ☐Manganese
☐pH ☐Silver ☐Sulfate ☐Zinc

6. ☐ a. Sodium levels exceed the U.S. Environmental Protection Agency's (USEPA) Health Advisory level for sodium of 20 mg/l. The North Carolina Division of Public Health recommends that only individuals on no or low sodium-restricted diets not use this water for drinking or cooking. It may be used for washing, cleaning, bathing, and showering based on the ***inorganic chemical results only***.

☐b. Your sodium level exceeds 30 mg/L and may pose aesthetic issues such as bad taste, odor, staining of porcelain, etc.

7. ☐ Re-sampling is recommended in _____ months, to reinvestigate _____.

For more information regarding your well water results, please call the North Carolina Division of Public Health at 919-707-5900.

MECKLENBURG COUNTY
Public Health

Raynard Washington, PhD, MPH
Health Director

(704) 336-4700

September 11, 2023

Tiffany Cheeseboro
2615 Pickway Drive
Charlotte, NC 28269

RE: Well Water Sampling Results – 2615 Pickway Drive

Staff with the Mecklenburg County Public Health Department sampled water from the water supply well referenced at the above location. Laboratory results for the analysis are attached and indicate the following:

DATE	PARAMETERS	RESULTS	EPA Primary Drinking Water Standards	EPA Secondary Drinking Water Standards	US EPA Drinking Water Advisory
08/17/23	*Total coliform bacteria*	*absent*	*absent*		
	E. coli bacteria	*absent*	*absent*		
	Nitrate	*1.4 mg/L*	*10 mg/L*		
	Nitrite	*< 0.05 mg/L*	*1 mg/L*		
	Inorganic chemicals	*All inorganic chemicals were within EPA Primary & Secondary Drinking Water Standards*	*See "Private Well Information and Use Recommendations" handout*	*See "Private Well Information and Use Recommendations" handout*	*n/a*
	Volatile Organic Compounds (VOCs)	*There were no detections of the contaminants analyzed.*	*See EPA Drinking Water Standards handout*	*See EPA Drinking Water Standards handout*	
	Semi-volatile Organic Compounds (semi- vocs)	*There were no detections of the contaminants analyzed.*	*See EPA Drinking Water Standards handout*	*See EPA Drinking Water Standards handout*	

Notes:

1. *Primary Drinking Water Standards are designed to protect public health by limiting the levels of contaminants in drinking water. Secondary Drinking Water Standards are guidelines regulating contaminants that may cause cosmetic or aesthetic effects. (www.epa.gov/safewater/mcl.html).*

If you have any additional questions concerning these results, please contact me at 980-721-2054.

Sincerely,

Kim Garrett, REHS
Sr. Environmental Specialist
Mecklenburg County Health Department
Environmental Health Program
980-721-2054 cell
kimberly.garrett@mecklenburgcountync.gov

Enclosures: Laboratory Analysis

http://portal.ncdenr.org/web/eh/find-contractor