



North Carolina State Laboratory of Public Health
Environmental Sciences
Organic Chemistry

4312 District Drive
 MSC 1918
 Raleigh, NC 27611-8047

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

Certificate of Analysis

FINAL REPORT

Report to: Environmental Health

Name of System:

HARNETT CO ENVIRONMENTAL HEALTH
 307 CORNELIUS HARNETT BLVD
 LILLINGTON, NC 27546

Debra Miller
 552 Atkins Rd
 Fuquay Varina, NC 27526

EIN: 566000306EH

Delivery:

Harnett County

StarLiMS ID: ES200227-0084-001	Date Collected: 02/26/2020	Time Collected: 10:00	By: James E Manhart
Sample ID: 200081	Date Received: 02/27/2020	Time Received: 08:36	By: Rachel Odom

Sample Type:	Sampling Point:	Well Permit #
Sample Source: Well water	Temp. at Receipt: 5.5 °C	GPS #

Comment:

PETROLEUM Profile

Method: Default

Analyte	Test Result	Reporting Limit	Unit	Qualifier(s)
Petroleum	No Petroleum Products identified		N/A	
Dichlorodifluoromethane	Not Detected	0.50	ug/L	
Chloromethane	Not Detected	0.50	ug/L	
Vinyl chloride	Not Detected	0.50	ug/L	
Bromomethane	Not Detected	0.50	ug/L	
Chloroethane	Not Detected	0.50	ug/L	
Trichlorofluoromethane	Not Detected	0.50	ug/L	
Acetone	Not Detected	0.50	ug/L	
1,1-Dichloroethene	Not Detected	0.50	ug/L	
Iodomethane	Not Detected	0.50	ug/L	
Methylene chloride	Not Detected	0.50	ug/L	
Acrylonitrile	Not Detected	0.50	ug/L	
Carbon Disulfide	Not Detected	0.50	ug/L	
trans-1,2-Dichloroethene	Not Detected	0.50	ug/L	
MTBE	Not Detected	0.50	ug/L	
1,1-Dichloroethane	Not Detected	0.50	ug/L	
cis-1,2-Dichloroethene	Not Detected	0.50	ug/L	
Isopropyl Ether	Not Detected	0.50	ug/L	
2-Butanone (MEK)	Not Detected	0.50	ug/L	
Bromochloromethane	Not Detected	0.50	ug/L	
2,2-Dichloropropane	Not Detected	0.50	ug/L	
Chloroform	Not Detected	0.50	ug/L	
Tetrahydrofuran	Not Detected	0.50	ug/L	
1,1,1-Trichloroethane	Not Detected	0.50	ug/L	



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Date Collected: 02/26/2020

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By: **James E Manhart**

Sample ID: **200081**

Date Received: 02/27/2020

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By: **Rachel Odom**

Sample Type:

Sampling Point:

Well Permit #

Sample Source: Well water

Temp. at Receipt: 5.5 °C

GPS #

Comment:

1,1-Dichloropropene	Not Detected	0.50	ug/L
Carbon Tetrachloride	Not Detected	0.50	ug/L
Benzene	Not Detected	0.50	ug/L
1,2-Dichloroethane	Not Detected	0.50	ug/L
Trichloroethene	Not Detected	0.50	ug/L
1,2-Dichloropropane	Not Detected	0.50	ug/L
Dibromomethane	Not Detected	0.50	ug/L
4-Methyl-2-pentanone	Not Detected	0.50	ug/L
Bromodichloromethane	Not Detected	0.50	ug/L
cis-1,3-Dichloropropene	Not Detected	0.50	ug/L
Toluene	Not Detected	0.50	ug/L
trans-1,3-Dichloropropene	Not Detected	0.50	ug/L
1,1,2-Trichloroethane	Not Detected	0.50	ug/L
1,3-Dichloropropane	Not Detected	0.50	ug/L
Tetrachloroethene	Not Detected	0.50	ug/L
Dibromochloromethane	Not Detected	0.50	ug/L
2-Hexanone	Not Detected	0.50	ug/L
1,2-Dibromoethane(EDB)	Not Detected	0.50	ug/L
Chlorobenzene	Not Detected	0.50	ug/L
1,1,1,2-Tetrachloroethane	Not Detected	0.50	ug/L
Ethylbenzene	Not Detected	0.50	ug/L
m&p-xylene	Not Detected	1.0	ug/L
o-Xylene	Not Detected	0.50	ug/L
Styrene	Not Detected	0.50	ug/L
Bromoform	Not Detected	0.50	ug/L
Isopropylbenzene	Not Detected	0.50	ug/L
1,1,2,2-Tetrachloroethane	Not Detected	0.50	ug/L
1,2,3-Trichloropropane	Not Detected	0.50	ug/L



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By: **James E Manhart**

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By: **Rachel Odom**

Sample Type:

Sampling Point:

Well Permit #

Sample Source: Well water

Temp. at Receipt: 5.5 °C

GPS #

Comment:

Bromobenzene	Not Detected	0.50	ug/L
n-Propylbenzene	Not Detected	0.50	ug/L
2-Chlorotoluene	Not Detected	0.50	ug/L
4-Chlorotoluene	Not Detected	0.50	ug/L
1,3,5-Trimethylbenzene	Not Detected	0.50	ug/L
tert-Butylbenzene	Not Detected	0.50	ug/L
1,2,4-Trimethylbenzene	Not Detected	0.50	ug/L
sec-Butylbenzene	Not Detected	0.50	ug/L
1,4-Dichlorobenzene	Not Detected	0.50	ug/L
1,3-Dichlorobenzene	Not Detected	0.50	ug/L
4-Isopropyltoluene	Not Detected	0.50	ug/L
1,2-Dichlorobenzene	Not Detected	0.50	ug/L
n-Butylbenzene	Not Detected	0.50	ug/L
1,2-Dibromo-3-chloropropane (DBCP)	Not Detected	0.50	ug/L
1,2,4-Trichlorobenzene	Not Detected	0.50	ug/L
Naphthalene	Not Detected	0.50	ug/L
Hexachlorobutadiene	Not Detected	0.50	ug/L
1,2,3-Trichlorobenzene	Not Detected	0.50	ug/L
Total Xylenes	Not Detected	0.50	ug/L



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EIN: 566000306EH

Delivery:

Harnett County

StarLiMS ID: **ES200227-0084-002**

Date Collected: 05/17/2017

Time Collected: 00:01

By: **KMN**

Sample ID: **200082**

Date Received: 02/27/2020

Time Received: 08:36

By: **Rachel Odom**

Sample Type:

Sampling Point:

Well Permit #

Sample Source: Trip Blank

Temp. at Receipt: 5.5 °C

GPS #

Comment:

VOCs Profile

Method: EPA 524.2

Analyte	Test Result	Reporting Limit	Unit	Qualifier(s)
Dichlorodifluoromethane	Not Detected	0.50	ug/L	
Chloromethane	Not Detected	0.50	ug/L	
Vinyl chloride	Not Detected	0.50	ug/L	
Bromomethane	Not Detected	0.50	ug/L	
Chloroethane	Not Detected	0.50	ug/L	
Trichlorofluoromethane	Not Detected	0.50	ug/L	
Acetone	Not Detected	0.50	ug/L	
1,1-Dichloroethene	Not Detected	0.50	ug/L	
Iodomethane	Not Detected	0.50	ug/L	
Methylene chloride	Not Detected	0.50	ug/L	
Acrylonitrile	Not Detected	0.50	ug/L	
Carbon Disulfide	Not Detected	0.50	ug/L	
trans-1,2-Dichloroethene	Not Detected	0.50	ug/L	
MTBE	Not Detected	0.50	ug/L	
1,1-Dichloroethane	Not Detected	0.50	ug/L	
cis-1,2-Dichloroethene	Not Detected	0.50	ug/L	
Isopropyl Ether	Not Detected	0.50	ug/L	
2-Butanone (MEK)	Not Detected	0.50	ug/L	
Bromochloromethane	Not Detected	0.50	ug/L	
2,2-Dichloropropane	Not Detected	0.50	ug/L	
Chloroform	Not Detected	0.50	ug/L	
Tetrahydrofuran	Not Detected	0.50	ug/L	
1,1,1-Trichloroethane	Not Detected	0.50	ug/L	
1,1-Dichloropropene	Not Detected	0.50	ug/L	
Carbon Tetrachloride	Not Detected	0.50	ug/L	



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Time Collected: 00:01

By: **KMN**

Sample ID: **200082**

Date Received: 02/27/2020

Time Received: 08:36

By: **Rachel Odom**

Sample Type:

Sampling Point:

Well Permit #

Sample Source: Trip Blank

Temp. at Receipt: 5.5 °C

GPS #

Comment:

Benzene	Not Detected	0.50	ug/L
1,2-Dichloroethane	Not Detected	0.50	ug/L
Trichloroethene	Not Detected	0.50	ug/L
1,2-Dichloropropane	Not Detected	0.50	ug/L
Dibromomethane	Not Detected	0.50	ug/L
4-Methyl-2-pentanone	Not Detected	0.50	ug/L
Bromodichloromethane	Not Detected	0.50	ug/L
cis-1,3-Dichloropropene	Not Detected	0.50	ug/L
Toluene	Trace	0.50	ug/L
trans-1,3-Dichloropropene	Not Detected	0.50	ug/L
1,1,2-Trichloroethane	Not Detected	0.50	ug/L
1,3-Dichloropropane	Not Detected	0.50	ug/L
Tetrachloroethene	Not Detected	0.50	ug/L
Dibromochloromethane	Not Detected	0.50	ug/L
2-Hexanone	Not Detected	0.50	ug/L
1,2-Dibromoethane(EDB)	Not Detected	0.50	ug/L
Chlorobenzene	Not Detected	0.50	ug/L
1,1,1,2-Tetrachloroethane	Not Detected	0.50	ug/L
Ethylbenzene	Trace	0.50	ug/L
m&p-xylene	Not Detected	1.0	ug/L
o-Xylene	Not Detected	0.50	ug/L
Styrene	1.12	0.50	ug/L
Bromoform	Not Detected	0.50	ug/L
Isopropylbenzene	Not Detected	0.50	ug/L
1,1,2,2-Tetrachloroethane	Not Detected	0.50	ug/L
1,2,3-Trichloropropane	Not Detected	0.50	ug/L
Bromobenzene	Not Detected	0.50	ug/L
n-Propylbenzene	Not Detected	0.50	ug/L



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Time Received: 08:36

By: **Rachel Odom**

Sample Type:

Sampling Point:

Well Permit #

Sample Source: Trip Blank

Temp. at Receipt: 5.5 °C

GPS #

Comment:

2-Chlorotoluene	Not Detected	0.50	ug/L
4-Chlorotoluene	Not Detected	0.50	ug/L
1,3,5-Trimethylbenzene	Not Detected	0.50	ug/L
tert-Butylbenzene	Not Detected	0.50	ug/L
1,2,4-Trimethylbenzene	Not Detected	0.50	ug/L
sec-Butylbenzene	Not Detected	0.50	ug/L
1,4-Dichlorobenzene	Not Detected	0.50	ug/L
1,3-Dichlorobenzene	Not Detected	0.50	ug/L
4-Isopropyltoluene	Not Detected	0.50	ug/L
1,2-Dichlorobenzene	Not Detected	0.50	ug/L
n-Butylbenzene	Not Detected	0.50	ug/L
1,2-Dibromo-3-chloropropane (DBCP)	Not Detected	0.50	ug/L
1,2,4-Trichlorobenzene	Not Detected	0.50	ug/L
Naphthalene	Not Detected	0.50	ug/L
Hexachlorobutadiene	Not Detected	0.50	ug/L
1,2,3-Trichlorobenzene	Not Detected	0.50	ug/L
Total Xylenes	Not Detected	0.50	ug/L

Report Date: 03/20/2020

Reported By: James Parrish



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Fuquay Varina, NC 27526

EIN: 566000306EH

Delivery:

Harnett County

StarLiMS ID: **ES200227-0101-001**

Date Collected: 02/26/2020

Time Collected: 10:00

By: **James E Manhart**

Sample ID: **200089**

Date Received: 02/27/2020

Time Received: 09:07

By: **Rachel Odom**

Sample Type:

Sampling Point:

Well Permit #

Sample Source: Well water

Temp. at Receipt: 4.5 °C

GPS #

Comment:

PESTICIDES Profile

Method: EPA 508

Analyte	Test Result	Reporting Limit	Unit	Qualifier(s)
Hexachlorocyclopentadiene	Not Detected	0.1	ug/L	
Propachlor	Not Detected	0.1	ug/L	
Trifluralin	Not Detected	0.1	ug/L	
Hexachlorobenzene	Not Detected	0.1	ug/L	
Lindane	Not Detected	0.1	ug/L	
Heptachlor	Not Detected	0.1	ug/L	
Aldrin	Not Detected	0.1	ug/L	
Heptachlor epoxide	Not Detected	0.1	ug/L	
Dieldrin	Not Detected	0.1	ug/L	
Endrin	Not Detected	0.1	ug/L	
Methoxychlor	Not Detected	0.1	ug/L	
Chlordane	Not Detected	0.1	ug/L	
Toxaphene	Not Detected	0.1	ug/L	

Report Date: 03/12/2020

Reported By: James Parrish