

Walnut Cove Tire Ctr - NONCD0002872

Well Address	Sample Date	Sample By	Well ID#	No Detects	PCE 2L= 0.7 MCL= 5 RAL= 100	TCE 2L= 3 MCL= 5 RAL= 8	1,4-Dioxane 2L= 3 MCL= RAL= 611	Chloroform 2L= 70 MCL= 80 RAL= 100	MTBE 2L= 20 MCL= RAL= 1250	HRE Sent	Comments
1768 Stokesburg Rd	1/22/2015	BAF						0.78		Y	
1643 Stokesburg Rd	1/22/2015	BAF	Well A	No Detects							
1643 Stokesburg Rd	1/22/2015	BAF	Well B					0.71		Y	
1060 Spencer Orchard Rd	1/22/2015	BAF		No Detects							Shares well with 1058 Spencer Orchard Rd
1587 Hinsdale Rd	1/22/2015	BAF		No Detects							
1271 US 311 Hwy	1/22/2015	BAF		No Detects							
1346 US 311 Hwy	1/22/2015	BAF		No Detects							
1334 US 311 Hwy	1/22/2015	BAF		No Detects							
1145 Spencer Orchard Rd	1/22/2015	BAF		No Detects							

Notes:
 All units in ug/l (ppb)
 Above MDL Limit =
 Above 2L Limit =
 Above MCL Limit =
 Above RAL =
 Chloroform Below 2L =
 HRE Sent =
 *=Sample collected after filter system
 (T) or (t) = Total

BOLD
BOLD
BOLD
BOLD
NOT BOLD

1,1-DCA = 1,1-Dichloroethane
 1,1-DCE = 1,1-Dichloroethene
 cis-1,2-DCE = cis-1,2-Dichloroethene
 Chloromethane (AKA - Methyl Chloride)
 PCE = Tetrachloroethene
 TCE = Trichloroethene



North Carolina Department of Environment and Natural Resources
Division of Waste Management

Pat McCrory
Governor

Donald R. van der Vaart
Secretary

February 19, 2015

Florence Bains
1060 Spencer Orchard Rd
Walnut Cove, NC 27052

RE: Water Supply Well Sampling Results – Walnut Cove Tire Ctr (NONCD0002872)
Well Address – 1060 Spencer Orchard Rd
Walnut Cove, NC 27052

Dear Ms. Baines:

Please find attached the Sample Analytical Results for a water sample collected from your well located at the address referenced above, on January 22, 2015. The sample was submitted for laboratory analyses for Volatile Organic Compounds (VOCs). There were no VOCs detected in your water supply well sample. As such, the use of your well water should not result in any adverse health effects associated with VOCs.

If you have any questions or if I can be of any further assistance, please contact me at (919) 707-8353.

Sincerely,

Vincent Antrilli, Jr.

Vincent Antrilli, Jr.
Environmental Specialist
Inactive Hazardous Sites Branch
Superfund Section

Enclosure

CC: Stokes County Health Department

Volatile Organic Compounds by GC/MS

Client: NCDENR - DWM - DSCA	Laboratory ID: QA23064-005
Description: 1060 SPENCER	Matrix: Aqueous
Date Sampled: 01/22/2015 1120	
Date Received: 01/23/2015	

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	01/29/2015 1342	EH1		66430

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Acetone	67-64-1	8260B	ND		10	ug/L	1
Benzene	71-43-2	8260B	ND		0.50	ug/L	1
Bromodichloromethane	75-27-4	8260B	ND		0.50	ug/L	1
Bromoform	75-25-2	8260B	ND		0.50	ug/L	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		0.50	ug/L	1
2-Butanone (MEK)	78-93-3	8260B	ND		10	ug/L	1
Carbon disulfide	75-15-0	8260B	ND		0.50	ug/L	1
Carbon tetrachloride	56-23-5	8260B	ND		0.50	ug/L	1
Chlorobenzene	108-90-7	8260B	ND		0.50	ug/L	1
Chloroethane	75-00-3	8260B	ND		0.50	ug/L	1
Chloroform	67-66-3	8260B	ND		0.50	ug/L	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		0.50	ug/L	1
Cyclohexane	110-82-7	8260B	ND		0.50	ug/L	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		0.50	ug/L	1
Dibromochloromethane	124-48-1	8260B	ND		0.50	ug/L	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		0.50	ug/L	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		0.50	ug/L	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		0.50	ug/L	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		0.50	ug/L	1
Dichlorodifluoromethane	75-71-8	8260B	ND		0.50	ug/L	1
1,1-Dichloroethane	75-34-3	8260B	ND		0.50	ug/L	1
1,2-Dichloroethane	107-06-2	8260B	ND		0.50	ug/L	1
1,1-Dichloroethene	75-35-4	8260B	ND		0.50	ug/L	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		0.50	ug/L	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		0.50	ug/L	1
1,2-Dichloropropane	78-87-5	8260B	ND		0.50	ug/L	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		0.50	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		0.50	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		0.50	ug/L	1
2-Hexanone	591-78-6	8260B	ND		10	ug/L	1
Isopropylbenzene	98-82-8	8260B	ND		0.50	ug/L	1
Methyl acetate	79-20-9	8260B	ND		1.0	ug/L	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		0.50	ug/L	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	ug/L	1
Methylcyclohexane	108-87-2	8260B	ND		5.0	ug/L	1
Methylene chloride	75-09-2	8260B	ND		0.50	ug/L	1
Styrene	100-42-5	8260B	ND		0.50	ug/L	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		0.50	ug/L	1
Tetrachloroethene	127-18-4	8260B	ND		0.50	ug/L	1
Toluene	108-88-3	8260B	ND		0.50	ug/L	1
1,1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		0.50	ug/L	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		0.50	ug/L	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		0.50	ug/L	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		0.50	ug/L	1

PQL = Practical quantitation limit B = Detected in the method blank E = Quantitation of compound exceeded the calibration range H = Out of holding time
 ND = Not detected at or above the PQL J = Estimated result < PQL and ≥ MDL P = The RPD between two GC columns exceeds 40% N = Recovery is out of criteria
 Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Client: NCDENR - DWM - DSCA	Laboratory ID: QA23064-005
Description: 1060 SPENCER	Matrix: Aqueous
Date Sampled: 01/22/2015 1120	
Date Received: 01/23/2015	

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	01/29/2015 1342	EH1		66430

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Trichloroethene	79-01-6	8260B	ND		0.50	ug/L	1
Trichlorofluoromethane	75-69-4	8260B	ND		0.50	ug/L	1
Vinyl chloride	75-01-4	8260B	ND		0.50	ug/L	1
Xylenes (total)	1330-20-7	8260B	ND		0.50	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		105	70-130
Bromofluorobenzene		110	70-130
Toluene-d8		106	70-130

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North Carolina Department of Environment and Natural Resources
Division of Waste Management

Pat McCrory
Governor

Donald R. van der Vaart
Secretary

February 19, 2015

Laura Ward
1058 Spencer Orchard Rd
Walnut Cove, NC 27052

RE: Water Supply Well Sampling Results – Walnut Cove Tire Ctr (NONCD0002872)
Well Address – 1060 Spencer Orchard Rd
Walnut Cove, NC 27052

Dear Ms. Ward:

Please find attached the Sample Analytical Results for a water sample collected from your well located at the address referenced above, on January 22, 2015. The sample was submitted for laboratory analyses for Volatile Organic Compounds (VOCs). There were no VOCs detected in your water supply well sample. As such, the use of your well water should not result in any adverse health effects associated with VOCs.

If you have any questions or if I can be of any further assistance, please contact me at (919) 707-8353.

Sincerely,

Vincent Antrilli, Jr.

Vincent Antrilli, Jr.
Environmental Specialist
Inactive Hazardous Sites Branch
Superfund Section

Enclosure

CC: Stokes County Health Department

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PQL = Practical quantitation limit B = Detected in the method blank E = Quantitation of compound exceeded the calibration range H = Out of holding time
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Volatile Organic Compounds by GC/MS

Client: NCDENR - DWM - DSCA	Laboratory ID: QA23064-005
Description: 1060 SPENCER	Matrix: Aqueous
Date Sampled: 01/22/2015 1120	
Date Received: 01/23/2015	

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	01/29/2015 1342	EH1		66430

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Trichloroethene	79-01-6	8260B	ND		0.50	ug/L	1
Trichlorofluoromethane	75-69-4	8260B	ND		0.50	ug/L	1
Vinyl chloride	75-01-4	8260B	ND		0.50	ug/L	1
Xylenes (total)	1330-20-7	8260B	ND		0.50	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		105	70-130
Bromofluorobenzene		110	70-130
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North Carolina Department of Environment and Natural Resources
Division of Waste Management

Pat McCrory
Governor

Donald R. van der Vaart
Secretary

February 19, 2015

Eva Nelson
1145 Spencer Orchard Rd
Walnut Cove, NC 27052

RE: Water Supply Well Sampling Results – Walnut Cove Tire Ctr (NONCD0002872)
Well Address – 1145 Spencer Orchard Rd
Walnut Cove, NC 27052

Dear Ms. Nelson:

Please find attached the Sample Analytical Results for a water sample collected from your well located at the address referenced above, on January 22, 2015. The sample was submitted for laboratory analyses for Volatile Organic Compounds (VOCs). There were no VOCs detected in your water supply well sample. As such, the use of your well water should not result in any adverse health effects associated with VOCs.

If you have any questions or if I can be of any further assistance, please contact me at (919) 707-8353.

Sincerely,

Vincent Antrilli, Jr.

Vincent Antrilli, Jr.
Environmental Specialist
Inactive Hazardous Sites Branch
Superfund Section

Enclosure

CC: Stokes County Health Department

Volatile Organic Compounds by GC/MS

Client: NCDENR - DWM - DSCA	Laboratory ID: QA23064-004
Description: 1145 SPENCER	Matrix: Aqueous
Date Sampled: 01/22/2015 1057	
Date Received: 01/23/2015	

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	01/29/2015 1310	EH1		66430

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Acetone	67-64-1	8260B	ND		10	ug/L	1
Benzene	71-43-2	8260B	ND		0.50	ug/L	1
Bromodichloromethane	75-27-4	8260B	ND		0.50	ug/L	1
Bromoform	75-25-2	8260B	ND		0.50	ug/L	1
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Volatile Organic Compounds by GC/MS

Client: NCDENR - DWM - DSCA	Laboratory ID: QA23064-004
Description: 1145 SPENCER	Matrix: Aqueous
Date Sampled: 01/22/2015 1057	
Date Received: 01/23/2015	

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	01/29/2015 1310	EH1		66430

Parameter	CAS	Analytical	Result	Q	PQL	Units	Run
	Number	Method					
Trichloroethene	79-01-6	8260B	ND		0.50	ug/L	1
Trichlorofluoromethane	75-69-4	8260B	ND		0.50	ug/L	1
Vinyl chloride	75-01-4	8260B	ND		0.50	ug/L	1
Xylenes (total)	1330-20-7	8260B	ND		0.50	ug/L	1

Surrogate	Q	Run 1	Acceptance
		% Recovery	Limits
1,2-Dichloroethane-d4		104	70-130
Bromofluorobenzene		109	70-130
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North Carolina Department of Environment and Natural Resources
Division of Waste Management

Pat McCrory
Governor

Donald R. van der Vaart
Secretary

February 19, 2015

Sherrill & Patricia Harbin
PO Box 156
Germanton, NC 27019

RE: Water Supply Well Sampling Results – Walnut Cove Tire Ctr (NONCD0002872)
Well Address – 1334 US 311 Hwy
Walnut Cove, NC 27052

Dear Mr. or Ms. Harbin:

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Vincent Antrilli, Jr.

Vincent Antrilli, Jr.
Environmental Specialist
Inactive Hazardous Sites Branch
Superfund Section

Enclosure

CC: Stokes County Health Department

Volatile Organic Compounds by GC/MS

Client: NCDENR - DWM - DSCA

Laboratory ID: QA23064-006

Description: 1334 US 311

Matrix: Aqueous

Date Sampled: 01/22/2015 1147

Date Received: 01/23/2015

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	01/29/2015 1414	EH1		66430

Parameter	CAS	Analytical	Result	Q	PQL	Units	Run
	Number	Method					
Acetone	67-64-1	8260B	ND		10	ug/L	1
Benzene	71-43-2	8260B	ND		0.50	ug/L	1
Bromodichloromethane	75-27-4	8260B	ND		0.50	ug/L	1
Bromoform	75-25-2	8260B	ND		0.50	ug/L	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		0.50	ug/L	1
2-Butanone (MEK)	78-93-3	8260B	ND		10	ug/L	1
Carbon disulfide	75-15-0	8260B	ND		0.50	ug/L	1
Carbon tetrachloride	56-23-5	8260B	ND		0.50	ug/L	1
Chlorobenzene	108-90-7	8260B	ND		0.50	ug/L	1
Chloroethane	75-00-3	8260B	ND		0.50	ug/L	1
Chloroform	67-66-3	8260B	ND		0.50	ug/L	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		0.50	ug/L	1
Cyclohexane	110-82-7	8260B	ND		0.50	ug/L	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		0.50	ug/L	1
Dibromochloromethane	124-48-1	8260B	ND		0.50	ug/L	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		0.50	ug/L	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		0.50	ug/L	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		0.50	ug/L	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		0.50	ug/L	1
Dichlorodifluoromethane	75-71-8	8260B	ND		0.50	ug/L	1
1,1-Dichloroethane	75-34-3	8260B	ND		0.50	ug/L	1
1,2-Dichloroethane	107-06-2	8260B	ND		0.50	ug/L	1
1,1-Dichloroethene	75-35-4	8260B	ND		0.50	ug/L	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		0.50	ug/L	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		0.50	ug/L	1
1,2-Dichloropropane	78-87-5	8260B	ND		0.50	ug/L	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		0.50	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		0.50	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		0.50	ug/L	1
2-Hexanone	591-78-6	8260B	ND		10	ug/L	1
Isopropylbenzene	98-82-8	8260B	ND		0.50	ug/L	1
Methyl acetate	79-20-9	8260B	ND		1.0	ug/L	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		0.50	ug/L	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	ug/L	1
Methylcyclohexane	108-87-2	8260B	ND		5.0	ug/L	1
Methylene chloride	75-09-2	8260B	ND		0.50	ug/L	1
Styrene	100-42-5	8260B	ND		0.50	ug/L	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		0.50	ug/L	1
Tetrachloroethene	127-18-4	8260B	ND		0.50	ug/L	1
Toluene	108-88-3	8260B	ND		0.50	ug/L	1
1,1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		0.50	ug/L	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		0.50	ug/L	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		0.50	ug/L	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		0.50	ug/L	1

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the PQL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Shealy Environmental Services, Inc.

106 Vantage Point Drive West Columbia, SC 29172 (803) 791-9700 Fax (803) 791-9111 www.shealylab.com

Page: 15 of 37

Level 1 Report v2.1

Volatile Organic Compounds by GC/MS

Client: NCDENR - DWM - DSCA	Laboratory ID: QA23064-006
Description: 1334 US 311	Matrix: Aqueous
Date Sampled: 01/22/2015 1147	
Date Received: 01/23/2015	

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	01/29/2015 1414	EH1		66430

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Trichloroethene	79-01-6	8260B	ND		0.50	ug/L	1
Trichlorofluoromethane	75-69-4	8260B	ND		0.50	ug/L	1
Vinyl chloride	75-01-4	8260B	ND		0.50	ug/L	1
Xylenes (total)	1330-20-7	8260B	ND		0.50	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		102	70-130
Bromofluorobenzene		106	70-130
Toluene-d8		104	70-130

PQL = Practical quantitation limit B = Detected in the method blank E = Quantitation of compound exceeded the calibration range H = Out of holding time
 ND = Not detected at or above the PQL J = Estimated result < PQL and ≥ MDL P = The RPD between two GC columns exceeds 40% N = Recovery is out of criteria
 Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"



North Carolina Department of Environment and Natural Resources
Division of Waste Management

Pat McCrory
Governor

Donald R. van der Vaart
Secretary

February 19, 2015

Dorothy Dunlap
1346 US 311 Hwy S
Walnut Cove, NC 27052

RE: Water Supply Well Sampling Results – Walnut Cove Tire Ctr (NONCD0002872)
Well Address – 1346 US 311 Hwy
Walnut Cove, NC 27052

Dear Ms. Dunlap:

Please find attached the Sample Analytical Results for a water sample collected from your well located at the address referenced above, on January 22, 2015. The sample was submitted for laboratory analyses for Volatile Organic Compounds (VOCs). There were no VOCs detected in your water supply well sample. As such, the use of your well water should not result in any adverse health effects associated with VOCs.

If you have any questions or if I can be of any further assistance, please contact me at (919) 707-8353.

Sincerely,

Vincent Antrilli, Jr.

Vincent Antrilli, Jr.
Environmental Specialist
Inactive Hazardous Sites Branch
Superfund Section

Enclosure

CC: Stokes County Health Department

Volatile Organic Compounds by GC/MS

Client: **NCDENR - DWM - DSCA**

Laboratory ID: **QA23064-007**

Description: **1346 US 311**

Matrix: **Aqueous**

Date Sampled: **01/22/2015 1210**

Date Received: **01/23/2015**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	01/29/2015 1446	EH1		66430

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Acetone	67-64-1	8260B	ND		10	ug/L	1
Benzene	71-43-2	8260B	ND		0.50	ug/L	1
Bromodichloromethane	75-27-4	8260B	ND		0.50	ug/L	1
Bromoform	75-25-2	8260B	ND		0.50	ug/L	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		0.50	ug/L	1
2-Butanone (MEK)	78-93-3	8260B	ND		10	ug/L	1
Carbon disulfide	75-15-0	8260B	ND		0.50	ug/L	1
Carbon tetrachloride	56-23-5	8260B	ND		0.50	ug/L	1
Chlorobenzene	108-90-7	8260B	ND		0.50	ug/L	1
Chloroethane	75-00-3	8260B	ND		0.50	ug/L	1
Chloroform	67-66-3	8260B	ND		0.50	ug/L	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		0.50	ug/L	1
Cyclohexane	110-82-7	8260B	ND		0.50	ug/L	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		0.50	ug/L	1
Dibromochloromethane	124-48-1	8260B	ND		0.50	ug/L	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		0.50	ug/L	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		0.50	ug/L	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		0.50	ug/L	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		0.50	ug/L	1
Dichlorodifluoromethane	75-71-8	8260B	ND		0.50	ug/L	1
1,1-Dichloroethane	75-34-3	8260B	ND		0.50	ug/L	1
1,2-Dichloroethane	107-06-2	8260B	ND		0.50	ug/L	1
1,1-Dichloroethene	75-35-4	8260B	ND		0.50	ug/L	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		0.50	ug/L	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		0.50	ug/L	1
1,2-Dichloropropane	78-87-5	8260B	ND		0.50	ug/L	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		0.50	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		0.50	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		0.50	ug/L	1
2-Hexanone	591-78-6	8260B	ND		10	ug/L	1
Isopropylbenzene	98-82-8	8260B	ND		0.50	ug/L	1
Methyl acetate	79-20-9	8260B	ND		1.0	ug/L	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		0.50	ug/L	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	ug/L	1
Methylcyclohexane	108-87-2	8260B	ND		5.0	ug/L	1
Methylene chloride	75-09-2	8260B	ND		0.50	ug/L	1
Styrene	100-42-5	8260B	ND		0.50	ug/L	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		0.50	ug/L	1
Tetrachloroethene	127-18-4	8260B	ND		0.50	ug/L	1
Toluene	108-88-3	8260B	ND		0.50	ug/L	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		0.50	ug/L	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		0.50	ug/L	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		0.50	ug/L	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		0.50	ug/L	1

PQL = Practical quantitation limit B = Detected in the method blank E = Quantitation of compound exceeded the calibration range H = Out of holding time
 ND = Not detected at or above the PQL J = Estimated result < PQL and ≥ MDL P = The RPD between two GC columns exceeds 40% N = Recovery is out of criteria
 Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Client: NCDENR - DWM - DSCA Description: 1346 US 311 Date Sampled: 01/22/2015 1210 Date Received: 01/23/2015	Laboratory ID: QA23064-007 Matrix: Aqueous
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Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	01/29/2015 1446	EH1		66430

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Trichloroethene	79-01-6	8260B	ND		0.50	ug/L	1
Trichlorofluoromethane	75-69-4	8260B	ND		0.50	ug/L	1
Vinyl chloride	75-01-4	8260B	ND		0.50	ug/L	1
Xylenes (total)	1330-20-7	8260B	ND		0.50	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		105	70-130
Bromofluorobenzene		110	70-130
Toluene-d8		107	70-130

PQL = Practical quantitation limit B = Detected in the method blank E = Quantitation of compound exceeded the calibration range H = Out of holding time
 ND = Not detected at or above the PQL J = Estimated result < PQL and ≥ MDL P = The RPD between two GC columns exceeds 40% N = Recovery is out of criteria
 Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"



North Carolina Department of Environment and Natural Resources
Division of Waste Management

Pat McCrory
Governor

Donald R. van der Vaart
Secretary

February 19, 2015

Willard Gray
1271 US 311 Hwy S
Walnut Cove, NC 27052

RE: Water Supply Well Sampling Results – Walnut Cove Tire Ctr (NONCD0002872)
Well Address – 1271 US 311 Hwy
Walnut Cove, NC 27052

Dear Mr. Gray:

Please find attached the Sample Analytical Results for a water sample collected from your well located at the address referenced above, on January 22, 2015. The sample was submitted for laboratory analyses for Volatile Organic Compounds (VOCs). There were no VOCs detected in your water supply well sample. As such, the use of your well water should not result in any adverse health effects associated with VOCs.

If you have any questions or if I can be of any further assistance, please contact me at (919) 707-8353.

Sincerely,

Vincent Antrilli, Jr.

Vincent Antrilli, Jr.
Environmental Specialist
Inactive Hazardous Sites Branch
Superfund Section

Enclosure

CC: Stokes County Health Department

Volatile Organic Compounds by GC/MS

Client: **NCDENR - DWM - DSCA**

Laboratory ID: **QA23064-009**

Description: **1271 US 311**

Matrix: **Aqueous**

Date Sampled: **01/22/2015 1258**

Date Received: **01/23/2015**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	01/29/2015 1549	EH1		66430

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Acetone	67-64-1	8260B	ND		10	ug/L	1
Benzene	71-43-2	8260B	ND		0.50	ug/L	1
Bromodichloromethane	75-27-4	8260B	ND		0.50	ug/L	1
Bromoform	75-25-2	8260B	ND		0.50	ug/L	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		0.50	ug/L	1
2-Butanone (MEK)	78-93-3	8260B	ND		10	ug/L	1
Carbon disulfide	75-15-0	8260B	ND		0.50	ug/L	1
Carbon tetrachloride	56-23-5	8260B	ND		0.50	ug/L	1
Chlorobenzene	108-90-7	8260B	ND		0.50	ug/L	1
Chloroethane	75-00-3	8260B	ND		0.50	ug/L	1
Chloroform	67-66-3	8260B	ND		0.50	ug/L	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		0.50	ug/L	1
Cyclohexane	110-82-7	8260B	ND		0.50	ug/L	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		0.50	ug/L	1
Dibromochloromethane	124-48-1	8260B	ND		0.50	ug/L	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		0.50	ug/L	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		0.50	ug/L	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		0.50	ug/L	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		0.50	ug/L	1
Dichlorodifluoromethane	75-71-8	8260B	ND		0.50	ug/L	1
1,1-Dichloroethane	75-34-3	8260B	ND		0.50	ug/L	1
1,2-Dichloroethane	107-06-2	8260B	ND		0.50	ug/L	1
1,1-Dichloroethene	75-35-4	8260B	ND		0.50	ug/L	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		0.50	ug/L	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		0.50	ug/L	1
1,2-Dichloropropane	78-87-5	8260B	ND		0.50	ug/L	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		0.50	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		0.50	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		0.50	ug/L	1
2-Hexanone	591-78-6	8260B	ND		10	ug/L	1
Isopropylbenzene	98-82-8	8260B	ND		0.50	ug/L	1
Methyl acetate	79-20-9	8260B	ND		1.0	ug/L	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		0.50	ug/L	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	ug/L	1
Methylcyclohexane	108-87-2	8260B	ND		5.0	ug/L	1
Methylene chloride	75-09-2	8260B	ND		0.50	ug/L	1
Styrene	100-42-5	8260B	ND		0.50	ug/L	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		0.50	ug/L	1
Tetrachloroethene	127-18-4	8260B	ND		0.50	ug/L	1
Toluene	108-88-3	8260B	ND		0.50	ug/L	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		0.50	ug/L	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		0.50	ug/L	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		0.50	ug/L	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		0.50	ug/L	1

PQL = Practical quantitation limit B = Detected in the method blank E = Quantitation of compound exceeded the calibration range H = Out of holding time
 ND = Not detected at or above the PQL J = Estimated result < PQL and ≥ MDL P = The RPD between two GC columns exceeds 40% N = Recovery is out of criteria
 Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Client: NCDENR - DWM - DSCA	Laboratory ID: QA23064-009
Description: 1271 US 311	Matrix: Aqueous
Date Sampled: 01/22/2015 1258	
Date Received: 01/23/2015	

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	01/29/2015 1549	EH1		66430

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Trichloroethene	79-01-6	8260B	ND		0.50	ug/L	1
Trichlorofluoromethane	75-69-4	8260B	ND		0.50	ug/L	1
Vinyl chloride	75-01-4	8260B	ND		0.50	ug/L	1
Xylenes (total)	1330-20-7	8260B	ND		0.50	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		102	70-130
Bromofluorobenzene		106	70-130
Toluene-d8		103	70-130

PQL = Practical quantitation limit B = Detected in the method blank E = Quantitation of compound exceeded the calibration range H = Out of holding time
 ND = Not detected at or above the PQL J = Estimated result < PQL and ≥ MDL P = The RPD between two GC columns exceeds 40% N = Recovery is out of criteria
 Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"



North Carolina Department of Environment and Natural Resources
Division of Waste Management

Pat McCrory
Governor

Donald R. van der Vaart
Secretary

February 19, 2015

Jason & Gayle Horrell
1587 Hinsdale Rd
Walnut Cove, NC 27052

RE: Water Supply Well Sampling Results – Walnut Cove Tire Ctr (NONCD0002872)
Well Address – 1587 Hinsdale Rd
Walnut Cove, NC 27052

Dear Mr. & Mrs. Horrell:

Please find attached the Sample Analytical Results for a water sample collected from your well located at the address referenced above, on January 22, 2015. The sample was submitted for laboratory analyses for Volatile Organic Compounds (VOCs). There were no VOCs detected in your water supply well sample. As such, the use of your well water should not result in any adverse health effects associated with VOCs.

If you have any questions or if I can be of any further assistance, please contact me at (919) 707-8353.

Sincerely,

Vincent Antrilli, Jr.

Vincent Antrilli, Jr.
Environmental Specialist
Inactive Hazardous Sites Branch
Superfund Section

Enclosure

CC: Stokes County Health Department

Volatile Organic Compounds by GC/MS

Client: NCDENR - DWM - DSCA	Laboratory ID: QA23064-010
Description: 1587 HINSDALE	Matrix: Aqueous
Date Sampled: 01/22/2015 1410	
Date Received: 01/23/2015	

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	01/29/2015 1620	EH1		66430

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Acetone	67-64-1	8260B	ND		10	ug/L	1
Benzene	71-43-2	8260B	ND		0.50	ug/L	1
Bromodichloromethane	75-27-4	8260B	ND		0.50	ug/L	1
Bromoform	75-25-2	8260B	ND		0.50	ug/L	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		0.50	ug/L	1
2-Butanone (MEK)	78-93-3	8260B	ND		10	ug/L	1
Carbon disulfide	75-15-0	8260B	ND		0.50	ug/L	1
Carbon tetrachloride	56-23-5	8260B	ND		0.50	ug/L	1
Chlorobenzene	108-90-7	8260B	ND		0.50	ug/L	1
Chloroethane	75-00-3	8260B	ND		0.50	ug/L	1
Chloroform	67-66-3	8260B	ND		0.50	ug/L	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		0.50	ug/L	1
Cyclohexane	110-82-7	8260B	ND		0.50	ug/L	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		0.50	ug/L	1
Dibromochloromethane	124-48-1	8260B	ND		0.50	ug/L	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		0.50	ug/L	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		0.50	ug/L	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		0.50	ug/L	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		0.50	ug/L	1
Dichlorodifluoromethane	75-71-8	8260B	ND		0.50	ug/L	1
1,1-Dichloroethane	75-34-3	8260B	ND		0.50	ug/L	1
1,2-Dichloroethane	107-06-2	8260B	ND		0.50	ug/L	1
1,1-Dichloroethene	75-35-4	8260B	ND		0.50	ug/L	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		0.50	ug/L	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		0.50	ug/L	1
1,2-Dichloropropane	78-87-5	8260B	ND		0.50	ug/L	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		0.50	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		0.50	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		0.50	ug/L	1
2-Hexanone	591-78-6	8260B	ND		10	ug/L	1
Isopropylbenzene	98-82-8	8260B	ND		0.50	ug/L	1
Methyl acetate	79-20-9	8260B	ND		1.0	ug/L	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		0.50	ug/L	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	ug/L	1
Methylcyclohexane	108-87-2	8260B	ND		5.0	ug/L	1
Methylene chloride	75-09-2	8260B	ND		0.50	ug/L	1
Styrene	100-42-5	8260B	ND		0.50	ug/L	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		0.50	ug/L	1
Tetrachloroethene	127-18-4	8260B	ND		0.50	ug/L	1
Toluene	108-88-3	8260B	ND		0.50	ug/L	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		0.50	ug/L	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		0.50	ug/L	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		0.50	ug/L	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		0.50	ug/L	1

PQL = Practical quantitation limit B = Detected in the method blank E = Quantitation of compound exceeded the calibration range H = Out of holding time
 ND = Not detected at or above the PQL J = Estimated result < PQL and ≥ MDL P = The RPD between two GC columns exceeds 40% N = Recovery is out of criteria
 Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Client: NCDENR - DWM - DSCA	Laboratory ID: QA23064-010
Description: 1587 HINSDALE	Matrix: Aqueous
Date Sampled: 01/22/2015 1410	
Date Received: 01/23/2015	

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	01/29/2015 1620	EH1		66430

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Trichloroethene	79-01-6	8260B	ND		0.50	ug/L	1
Trichlorofluoromethane	75-69-4	8260B	ND		0.50	ug/L	1
Vinyl chloride	75-01-4	8260B	ND		0.50	ug/L	1
Xylenes (total)	1330-20-7	8260B	ND		0.50	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		104	70-130
Bromofluorobenzene		110	70-130
Toluene-d8		106	70-130

PQL = Practical quantitation limit B = Detected in the method blank E = Quantitation of compound exceeded the calibration range H = Out of holding time
 ND = Not detected at or above the PQL J = Estimated result < PQL and ≥ MDL P = The RPD between two GC columns exceeds 40% N = Recovery is out of criteria
 Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"



North Carolina Department of Environment and Natural Resources
Division of Waste Management

Pat McCrory
Governor

Donald R. van der Vaart
Secretary

February 19, 2015

Kathryn Morrow
1643 Stokesburg Rd
Walnut Cove, NC 27052

RE: Water Supply Well Sampling Results – Walnut Cove Tire Ctr (NONCD0002872)
Well Address – 1643 Stokesburg Rd
Walnut Cove, NC 27052

Dear Ms. Morrow:

Please find attached the Sample Analytical Results for a water sample collected from your **faucet located in the carport** at the address referenced above, on January 22, 2015. The sample was submitted for laboratory analyses for Volatile Organic Compounds (VOCs). There were no VOCs detected in your water supply well sample. As such, the use of your well water should not result in any adverse health effects associated with VOCs.

If you have any questions or if I can be of any further assistance, please contact me at (919) 707-8353.

Sincerely,

Vincent Antrilli, Jr.

Vincent Antrilli, Jr.
Environmental Specialist
Inactive Hazardous Sites Branch
Superfund Section

Enclosure

CC: Stokes County Health Department

Volatile Organic Compounds by GC/MS

Client: NCDENR - DWM - DSCA	Laboratory ID: QA23064-002
Description: 1643 STOKESBURG	Matrix: Aqueous
Date Sampled: 01/22/2015 1007	
Date Received: 01/23/2015	

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	01/29/2015 1151	EH1		66429

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Acetone	67-64-1	8260B	ND		10	ug/L	1
Benzene	71-43-2	8260B	ND		0.50	ug/L	1
Bromodichloromethane	75-27-4	8260B	ND		0.50	ug/L	1
Bromoform	75-25-2	8260B	ND		0.50	ug/L	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		0.50	ug/L	1
2-Butanone (MEK)	78-93-3	8260B	ND		10	ug/L	1
Carbon disulfide	75-15-0	8260B	ND		0.50	ug/L	1
Carbon tetrachloride	56-23-5	8260B	ND		0.50	ug/L	1
Chlorobenzene	108-90-7	8260B	ND		0.50	ug/L	1
Chloroethane	75-00-3	8260B	ND		0.50	ug/L	1
Chloroform	67-66-3	8260B	ND		0.50	ug/L	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		0.50	ug/L	1
Cyclohexane	110-82-7	8260B	ND		0.50	ug/L	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		0.50	ug/L	1
Dibromochloromethane	124-48-1	8260B	ND		0.50	ug/L	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		0.50	ug/L	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		0.50	ug/L	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		0.50	ug/L	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		0.50	ug/L	1
Dichlorodifluoromethane	75-71-8	8260B	ND		0.50	ug/L	1
1,1-Dichloroethane	75-34-3	8260B	ND		0.50	ug/L	1
1,2-Dichloroethane	107-06-2	8260B	ND		0.50	ug/L	1
1,1-Dichloroethene	75-35-4	8260B	ND		0.50	ug/L	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		0.50	ug/L	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		0.50	ug/L	1
1,2-Dichloropropane	78-87-5	8260B	ND		0.50	ug/L	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		0.50	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		0.50	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		0.50	ug/L	1
2-Hexanone	591-78-6	8260B	ND		10	ug/L	1
Isopropylbenzene	98-82-8	8260B	ND		0.50	ug/L	1
Methyl acetate	79-20-9	8260B	ND		1.0	ug/L	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		0.50	ug/L	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	ug/L	1
Methylcyclohexane	108-87-2	8260B	ND		5.0	ug/L	1
Methylene chloride	75-09-2	8260B	ND		0.50	ug/L	1
Styrene	100-42-5	8260B	ND		0.50	ug/L	1
1,1,1,2-Tetrachloroethane	79-34-5	8260B	ND		0.50	ug/L	1
Tetrachloroethene	127-18-4	8260B	ND		0.50	ug/L	1
Toluene	108-88-3	8260B	ND		0.50	ug/L	1
1,1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		0.50	ug/L	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		0.50	ug/L	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		0.50	ug/L	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		0.50	ug/L	1

PQL = Practical quantitation limit B = Detected in the method blank E = Quantitation of compound exceeded the calibration range H = Out of holding time
 ND = Not detected at or above the PQL J = Estimated result < PQL and ≥ MDL P = The RPD between two GC columns exceeds 40% N = Recovery is out of criteria
 Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Client: NCDENR - DWM - DSCA	Laboratory ID: QA23064-002
Description: 1643 STOKESBURG	Matrix: Aqueous
Date Sampled: 01/22/2015 1007	
Date Received: 01/23/2015	

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	01/29/2015 1151	EH1		66429

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Trichloroethene	79-01-6	8260B	ND		0.50	ug/L	1
Trichlorofluoromethane	75-69-4	8260B	ND		0.50	ug/L	1
Vinyl chloride	75-01-4	8260B	ND		0.50	ug/L	1
Xylenes (total)	1330-20-7	8260B	ND		0.50	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		96	70-130
Bromofluorobenzene		101	70-130
Toluene-d8		105	70-130

PQL = Practical quantitation limit B = Detected in the method blank E = Quantitation of compound exceeded the calibration range H = Out of holding time
 ND = Not detected at or above the PQL J = Estimated result < PQL and ≥ MDL P = The RPD between two GC columns exceeds 40% N = Recovery is out of criteria
 Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"



North Carolina Department of Environment and Natural Resources
Division of Waste Management

Pat McCrory
Governor

Donald R. van der Vaart
Secretary

February 19, 2015

Kathryn Morrow
1643 Stokesburg Rd
Walnut Cove, NC 27052

RE: Water Supply Well Sampling Results – Walnut Cove Tire Ctr (NONCD0002872)
Well Address – 1643 Stokesburg Rd - B
Walnut Cove, NC 27052

Dear Ms. Morrow:

Please find attached the Sample Analytical Results for a water sample collected from your well located at the address referenced above, on January 22, 2015. The sample was submitted for laboratory analyses for Volatile Organic Compounds (VOCs). VOCs were detected in the water sample as shown on the attached sheets.

Because one or more contaminants were detected in the water sample, a Health Risk Evaluation (HRE) of the water supply was performed by our toxicologist. The HRE, which is enclosed, compares the concentration of detected contaminants to acceptable concentrations and provides a recommendation for acceptable uses of the water.

If you have any questions regarding the Health Risk Evaluation, please contact Hanna Assefa at (919) 707-8351 or me at (919) 707-8353.

Sincerely,

Vincent Antrilli, Jr.

Vincent Antrilli, Jr.
Environmental Specialist
Inactive Hazardous Sites Branch
Superfund Section

Enclosure

CC: Stokes County Health Department

February 26, 2015

MEMORANDUM

TO: Vince Antrilli
Inactive Hazardous Sites Branch
Superfund Section

FROM: Hanna Assefa, Industrial Hygiene Consultant 
Inactive Hazardous Sites Branch
Superfund Section

RE: Health Risk Evaluation
Walnut Cove Tire Center Site
1643 Stokesburg Road
Walnut Cove, Stokes County

A water sample was collected from the subject well on January 22, 2015. The concentration of chloroform detected in the well water does not exceed applicable standards. The standards used to determine if the water is suitable for drinking and cooking are the federal drinking water standards (USEPA MCL), or where there is no MCL, the health based North Carolina Groundwater Quality Standard (15A NCAC 2L)/ Interim Standard (IMAC). If the USEPA MCL and health-based North Carolina 2L/IMAC are not available, a health-based concentration is calculated.

If contaminant concentrations exceed the applicable standards for using the water for drinking and cooking, the contaminant concentrations are further analyzed to determine if the water is suitable for other household uses, such as showering, bathing, washing dishes, flushing toilets, and hand washing. **Therefore, based on this evaluation, the water from this well can be used for drinking, cooking and all other purposes listed above.** The table below compares detected contaminant concentrations with the applicable standards:

Sample #	Contaminant	Concentration (ug/L)	US EPA MCL (ug/L)	NC 2L (ug/L)	Calculated Health Based Concentration (ug/l)
QA23064-003	Methyl tertiary butyl ether (MTBE)	0.71	*	20	**

** Not Applicable

ug/L= Micrograms of contaminant per liter of water.

Volatile Organic Compounds by GC/MS

Client: NCDENR - DWM - DSCA	Laboratory ID: QA23064-003
Description: 1643 STOKESBURG-B	Matrix: Aqueous
Date Sampled: 01/22/2015 1030	
Date Received: 01/23/2015	

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	01/29/2015 1239	EH1		66430

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Acetone	67-64-1	8260B	ND		10	ug/L	1
Benzene	71-43-2	8260B	ND		0.50	ug/L	1
Bromodichloromethane	75-27-4	8260B	ND		0.50	ug/L	1
Bromoform	75-25-2	8260B	ND		0.50	ug/L	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		0.50	ug/L	1
2-Butanone (MEK)	78-93-3	8260B	ND		10	ug/L	1
Carbon disulfide	75-15-0	8260B	ND		0.50	ug/L	1
Carbon tetrachloride	56-23-5	8260B	ND		0.50	ug/L	1
Chlorobenzene	108-90-7	8260B	ND		0.50	ug/L	1
Chloroethane	75-00-3	8260B	ND		0.50	ug/L	1
Chloroform	67-66-3	8260B	ND		0.50	ug/L	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		0.50	ug/L	1
Cyclohexane	110-82-7	8260B	ND		0.50	ug/L	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		0.50	ug/L	1
Dibromochloromethane	124-48-1	8260B	ND		0.50	ug/L	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		0.50	ug/L	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		0.50	ug/L	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		0.50	ug/L	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		0.50	ug/L	1
Dichlorodifluoromethane	75-71-8	8260B	ND		0.50	ug/L	1
1,1-Dichloroethane	75-34-3	8260B	ND		0.50	ug/L	1
1,2-Dichloroethane	107-06-2	8260B	ND		0.50	ug/L	1
1,1-Dichloroethene	75-35-4	8260B	ND		0.50	ug/L	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		0.50	ug/L	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		0.50	ug/L	1
1,2-Dichloropropane	78-87-5	8260B	ND		0.50	ug/L	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		0.50	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		0.50	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		0.50	ug/L	1
2-Hexanone	591-78-6	8260B	ND		10	ug/L	1
Isopropylbenzene	98-82-8	8260B	ND		0.50	ug/L	1
Methyl acetate	79-20-9	8260B	ND		1.0	ug/L	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	0.71		0.50	ug/L	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	ug/L	1
Methylcyclohexane	108-87-2	8260B	ND		5.0	ug/L	1
Methylene chloride	75-09-2	8260B	ND		0.50	ug/L	1
Styrene	100-42-5	8260B	ND		0.50	ug/L	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		0.50	ug/L	1
Tetrachloroethene	127-18-4	8260B	ND		0.50	ug/L	1
Toluene	108-88-3	8260B	ND		0.50	ug/L	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		0.50	ug/L	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		0.50	ug/L	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		0.50	ug/L	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		0.50	ug/L	1

PQL = Practical quantitation limit B = Detected in the method blank E = Quantitation of compound exceeded the calibration range H = Out of holding time
 ND = Not detected at or above the PQL J = Estimated result < PQL and ≥ MDL P = The RPD between two GC columns exceeds 40% N = Recovery is out of criteria
 Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Client: NCDENR - DWM - DSCA	Laboratory ID: QA23064-003
Description: 1643 STOKESBURG-B	Matrix: Aqueous
Date Sampled: 01/22/2015 1030	
Date Received: 01/23/2015	

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	01/29/2015 1239	EH1		66430

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Trichloroethene	79-01-6	8260B	ND		0.50	ug/L	1
Trichlorofluoromethane	75-69-4	8260B	ND		0.50	ug/L	1
Vinyl chloride	75-01-4	8260B	ND		0.50	ug/L	1
Xylenes (total)	1330-20-7	8260B	ND		0.50	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		103	70-130
Bromofluorobenzene		108	70-130
Toluene-d8		103	70-130

PQL = Practical quantitation limit B = Detected in the method blank E = Quantitation of compound exceeded the calibration range H = Out of holding time
 ND = Not detected at or above the PQL J = Estimated result < PQL and ≥ MDL P = The RPD between two GC columns exceeds 40% N = Recovery is out of criteria
 Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"



North Carolina Department of Environment and Natural Resources
Division of Waste Management

Pat McCrory
Governor

Donald R. van der Vaart
Secretary

February 19, 2015

Hunter & Cynthia Williard
1768 Stokesburg Rd
Walnut Cove, NC 27052

RE: Water Supply Well Sampling Results – Walnut Cove Tire Ctr (NONCD0002872)
Well Address – 1768 Stokesburg Rd
Walnut Cove, NC 27052

Dear Mr. & Mrs. Williard:

Please find attached the Sample Analytical Results for a water sample collected from your well located at the address referenced above, on January 22, 2015. The sample was submitted for laboratory analyses for Volatile Organic Compounds (VOCs). VOCs were detected in the water sample as shown on the attached sheets.

Because one or more contaminants were detected in the water sample, a Health Risk Evaluation (HRE) of the water supply was performed by our toxicologist. The HRE, which is enclosed, compares the concentration of detected contaminants to acceptable concentrations and provides a recommendation for acceptable uses of the water.

If you have any questions regarding the Health Risk Evaluation, please contact Hanna Assefa at (919) 707-8351 or me at (919) 707-8353.

Sincerely,

Vincent Antrilli, Jr.

Vincent Antrilli, Jr.
Environmental Specialist
Inactive Hazardous Sites Branch
Superfund Section

Enclosure

CC: Stokes County Health Department

February 26, 2015

MEMORANDUM

TO: Vince Antrilli
Inactive Hazardous Sites Branch
Superfund Section

FROM: Hanna Assefa, Industrial Hygiene Consultant 
Inactive Hazardous Sites Branch
Superfund Section

RE: Health Risk Evaluation
Walnut Cove Tire Center Site
1768 Stokesburg Road
Walnut Cove, Stokes County

A water sample was collected from the subject well on January 22, 2015. The concentration of chloroform detected in the well water does not exceed applicable standards. The standards used to determine if the water is suitable for drinking and cooking are the federal drinking water standards (USEPA MCL), or where there is no MCL, the health based North Carolina Groundwater Quality Standard (15A NCAC 2L)/ Interim Standard (IMAC). If the USEPA MCL and health-based North Carolina 2L/IMAC are not available, a health-based concentration is calculated.

If contaminant concentrations exceed the applicable standards for using the water for drinking and cooking, the contaminant concentrations are further analyzed to determine if the water is suitable for other household uses, such as showering, bathing, washing dishes, flushing toilets, and hand washing. **Therefore, based on this evaluation, the water from this well can be used for drinking, cooking and all other purposes listed above.** The table below compares detected contaminant concentrations with the applicable standards:

Sample #	Contaminant	Concentration (ug/L)	US EPA MCL (ug/L)	NC 2L (ug/L)	Calculated Health Based Concentration (ug/l)
QA23064-008	Chloroform	0.78	80	**	**

** Not Applicable
ug/L= Micrograms of contaminant per liter of water.

Volatile Organic Compounds by GC/MS

Client: NCDENR - DWM - DSCA	Laboratory ID: QA23064-008
Description: 1768 STOKESBURG	Matrix: Aqueous
Date Sampled: 01/22/2015 1240	
Date Received: 01/23/2015	

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	01/29/2015 1518	EH1		66430

Parameter	CAS	Analytical	Result	Q	PQL	Units	Run
	Number	Method					
Acetone	67-64-1	8260B	ND		10	ug/L	1
Benzene	71-43-2	8260B	ND		0.50	ug/L	1
Bromodichloromethane	75-27-4	8260B	ND		0.50	ug/L	1
Bromoform	75-25-2	8260B	ND		0.50	ug/L	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		0.50	ug/L	1
2-Butanone (MEK)	78-93-3	8260B	ND		10	ug/L	1
Carbon disulfide	75-15-0	8260B	ND		0.50	ug/L	1
Carbon tetrachloride	56-23-5	8260B	ND		0.50	ug/L	1
Chlorobenzene	108-90-7	8260B	ND		0.50	ug/L	1
Chloroethane	75-00-3	8260B	ND		0.50	ug/L	1
Chloroform	67-66-3	8260B	0.78		0.50	ug/L	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		0.50	ug/L	1
Cyclohexane	110-82-7	8260B	ND		0.50	ug/L	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		0.50	ug/L	1
Dibromochloromethane	124-48-1	8260B	ND		0.50	ug/L	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		0.50	ug/L	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		0.50	ug/L	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		0.50	ug/L	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		0.50	ug/L	1
Dichlorodifluoromethane	75-71-8	8260B	ND		0.50	ug/L	1
1,1-Dichloroethane	75-34-3	8260B	ND		0.50	ug/L	1
1,2-Dichloroethane	107-06-2	8260B	ND		0.50	ug/L	1
1,1-Dichloroethene	75-35-4	8260B	ND		0.50	ug/L	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		0.50	ug/L	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		0.50	ug/L	1
1,2-Dichloropropane	78-87-5	8260B	ND		0.50	ug/L	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		0.50	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		0.50	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		0.50	ug/L	1
2-Hexanone	591-78-6	8260B	ND		10	ug/L	1
Isopropylbenzene	98-82-8	8260B	ND		0.50	ug/L	1
Methyl acetate	79-20-9	8260B	ND		1.0	ug/L	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		0.50	ug/L	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	ug/L	1
Methylcyclohexane	108-87-2	8260B	ND		5.0	ug/L	1
Methylene chloride	75-09-2	8260B	ND		0.50	ug/L	1
Styrene	100-42-5	8260B	ND		0.50	ug/L	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		0.50	ug/L	1
Tetrachloroethene	127-18-4	8260B	ND		0.50	ug/L	1
Toluene	108-88-3	8260B	ND		0.50	ug/L	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		0.50	ug/L	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		0.50	ug/L	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		0.50	ug/L	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		0.50	ug/L	1

PQL = Practical quantitation limit B = Detected in the method blank E = Quantitation of compound exceeded the calibration range H = Out of holding time
 ND = Not detected at or above the PQL J = Estimated result < PQL and ≥ MDL P = The RPD between two GC columns exceeds 40% N = Recovery is out of criteria
 Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Client: NCDENR - DWM - DSCA	Laboratory ID: QA23064-008
Description: 1768 STOKESBURG	Matrix: Aqueous
Date Sampled: 01/22/2015 1240	
Date Received: 01/23/2015	

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	01/29/2015 1518	EH1		66430

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Trichloroethene	79-01-6	8260B	ND		0.50	ug/L	1
Trichlorofluoromethane	75-69-4	8260B	ND		0.50	ug/L	1
Vinyl chloride	75-01-4	8260B	ND		0.50	ug/L	1
Xylenes (total)	1330-20-7	8260B	ND		0.50	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		105	70-130
Bromofluorobenzene		108	70-130
Toluene-d8		106	70-130

PQL = Practical quantitation limit B = Detected in the method blank E = Quantitation of compound exceeded the calibration range H = Out of holding time
 ND = Not detected at or above the PQL J = Estimated result < PQL and ≥ MDL P = The RPD between two GC columns exceeds 40% N = Recovery is out of criteria
 Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

February 26, 2015

MEMORANDUM

TO: Vince Antrilli
Inactive Hazardous Sites Branch
Superfund Section

FROM: Hanna Assefa, Industrial Hygiene Consultant 
Inactive Hazardous Sites Branch
Superfund Section

RE: Health Risk Evaluation
Walnut Cove Tire Center Site
1643 Stokesburg Road
Walnut Cove, Stokes County

A water sample was collected from the subject well on January 22, 2015. The concentration of chloroform detected in the well water does not exceed applicable standards. The standards used to determine if the water is suitable for drinking and cooking are the federal drinking water standards (USEPA MCL), or where there is no MCL, the health based North Carolina Groundwater Quality Standard (15A NCAC 2L)/ Interim Standard (IMAC). If the USEPA MCL and health- based North Carolina 2L/IMAC are not available, a health-based concentration is calculated.

If contaminant concentrations exceed the applicable standards for using the water for drinking and cooking, the contaminant concentrations are further analyzed to determine if the water is suitable for other household uses, such as showering, bathing, washing dishes, flushing toilets, and hand washing. **Therefore, based on this evaluation, the water from this well can be used for drinking, cooking and all other purposes listed above.** The table below compares detected contaminant concentrations with the applicable standards:

Sample #	Contaminant	Concentration (ug/L)	US EPA MCL (ug/L)	NC 2L (ug/L)	Calculated Health Based Concentration (ug/l)
QA23064-003	Methyl tertiary butyl ether (MTBE)	0.71	*	20	**

** Not Applicable

ug/L= Micrograms of contaminant per liter of water.

February 26, 2015

MEMORANDUM

TO: Vince Antrilli
Inactive Hazardous Sites Branch
Superfund Section

FROM: Hanna Assefa, Industrial Hygiene Consultant 
Inactive Hazardous Sites Branch
Superfund Section

RE: Health Risk Evaluation
Walnut Cove Tire Center Site
1768 Stokesburg Road
Walnut Cove, Stokes County

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If contaminant concentrations exceed the applicable standards for using the water for drinking and cooking, the contaminant concentrations are further analyzed to determine if the water is suitable for other household uses, such as showering, bathing, washing dishes, flushing toilets, and hand washing. **Therefore, based on this evaluation, the water from this well can be used for drinking, cooking and all other purposes listed above.** The table below compares detected contaminant concentrations with the applicable standards:

Sample #	Contaminant	Concentration (ug/L)	US EPA MCL (ug/L)	NC 2L (ug/L)	Calculated Health Based Concentration (ug/l)
QA23064-008	Chloroform	0.78	80	**	**

** Not Applicable
ug/L= Micrograms of contaminant per liter of water.

February 19, 2015

MEMORANDUM

TO: Hanna Assefa, Industrial Hygienist
Superfund Section, IHSB

FROM: Vince Antrilli
Superfund Section, Inactive Hazardous Sites Branch (IHSB)

RE: Health Risk Evaluation Request
Walnut Cove Tire Ctr Site
1643 Stokesburg Rd
Walnut Cove, Stokes County
NONCD 000 2872

Please find attached a copy of the laboratory analytical results for one water supply well sample. This sample was collected on January 22, 2015. Because this sample was collected from a water supply well, the IHSB requests a health risk evaluation and a recommendation for the continued use of this well. This information will be provided to the well user. The following table summarizes the detected compounds and the corresponding concentrations.

Well ID	Compound	Concentration (µg/L)
QA23064-003	Methyl tertiary butyl ether (MTBE)	0.71

If you have any questions, please contact me at 707-8353.

Attachment

February 19, 2015

MEMORANDUM

TO: Hanna Assefa, Industrial Hygienist
Superfund Section, IHSB

FROM: Vince Antrilli
Superfund Section, Inactive Hazardous Sites Branch (IHSB)

RE: Health Risk Evaluation Request
Walnut Cove Tire Ctr Site
1768 Stokesburg Rd
Walnut Cove, Stokes County
NONCD 000 2872

Please find attached a copy of the laboratory analytical results for one water supply well sample. This sample was collected on January 22, 2015. Because this sample was collected from a water supply well, the IHSB requests a health risk evaluation and a recommendation for the continued use of this well. This information will be provided to the well user. The following table summarizes the detected compounds and the corresponding concentrations.

Well ID	Compound	Concentration ($\mu\text{g/L}$)
QA23064-008	Chloroform	0.78

If you have any questions, please contact me at 707-8353.

Attachment

SHEALY ENVIRONMENTAL SERVICES, INC.

Report of Analysis

NCDENR - DWM - DSCA
217 West Jones St.
Raleigh, NC 27603
Attention: Vincent Antrilli

Project Name: **Walnut Cove Tire Center**

Project Number: **NONCD0002872**

Lot Number: **QA23064**

Date Completed: **01/30/2015**



Nisreen Saikaly
Project Manager



This report shall not be reproduced, except in its entirety, without the written approval of Shealy Environmental Services, Inc.

The following non-paginated documents are considered part of this report: Chain of Custody Record and Sample Receipt Checklist.

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SHEALY ENVIRONMENTAL SERVICES, INC.

SC DHEC No: 32010

NELAC No: E87653

NC DENR No: 329

NC Field Parameters No: 5639

Case Narrative NCDENR - DWM - DSCA Lot Number: QA23064

This Report of Analysis contains the analytical result(s) for the sample(s) listed on the Sample Summary following this Case Narrative. The sample receiving date is documented in the header information associated with each sample.

All results listed in this report relate only to the samples that are contained within this report.

Sample receipt, sample analysis, and data review have been performed in accordance with the most current approved NELAC standards, the Shealy Environmental Services, Inc. ("Shealy") Quality Assurance Management Plan (QAMP), standard operating procedures (SOPs), and Shealy policies. Any exceptions to the NELAC standards, the QAMP, SOPs or policies are qualified on the results page or discussed below.

If you have any questions regarding this report please contact the Shealy Project Manager listed on the cover page.

SHEALY ENVIRONMENTAL SERVICES, INC.

Sample Summary NCDENR - DWM - DSCA Lot Number: QA23064

Sample Number	Sample ID	Matrix	Date Sampled	Date Received
001	TRIP BLANK	Aqueous	01/22/2015	01/23/2015
002	1643 STOKESBURG	Aqueous	01/22/2015 1007	01/23/2015
003	1643 STOKESBURG-B	Aqueous	01/22/2015 1030	01/23/2015
004	1145 SPENCER	Aqueous	01/22/2015 1057	01/23/2015
005	1060 SPENCER	Aqueous	01/22/2015 1120	01/23/2015
006	1334 US 311	Aqueous	01/22/2015 1147	01/23/2015
007	1346 US 311	Aqueous	01/22/2015 1210	01/23/2015
008	1768 STOKESBURG	Aqueous	01/22/2015 1240	01/23/2015
009	1271 US 311	Aqueous	01/22/2015 1258	01/23/2015
010	1587 HINSDALE	Aqueous	01/22/2015 1410	01/23/2015

(10 samples)

SHEALY ENVIRONMENTAL SERVICES, INC.

Executive Summary NCDENR - DWM - DSCA Lot Number: QA23064

Sample	Sample ID	Matrix	Parameter	Method	Result	Q	Units	Page
003	1643 STOKESBURG-B	Aqueous	Methyl tertiary butyl ether (MTBE)	8260B	0.71		ug/L	9
008	1768 STOKESBURG	Aqueous	Chloroform	8260B	0.78		ug/L	19

(2 detections)

Volatile Organic Compounds by GC/MS

Client: **NCDENR - DWM - DSCA**

Laboratory ID: **QA23064-001**

Description: **TRIP BLANK**

Matrix: **Aqueous**

Date Sampled: **01/22/2015**

Date Received: **01/23/2015**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	01/29/2015 1118	EH1		66429

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Acetone	67-64-1	8260B	ND		10	ug/L	1
Benzene	71-43-2	8260B	ND		0.50	ug/L	1
Bromodichloromethane	75-27-4	8260B	ND		0.50	ug/L	1
Bromoform	75-25-2	8260B	ND		0.50	ug/L	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		0.50	ug/L	1
2-Butanone (MEK)	78-93-3	8260B	ND		10	ug/L	1
Carbon disulfide	75-15-0	8260B	ND		0.50	ug/L	1
Carbon tetrachloride	56-23-5	8260B	ND		0.50	ug/L	1
Chlorobenzene	108-90-7	8260B	ND		0.50	ug/L	1
Chloroethane	75-00-3	8260B	ND		0.50	ug/L	1
Chloroform	67-66-3	8260B	ND		0.50	ug/L	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		0.50	ug/L	1
Cyclohexane	110-82-7	8260B	ND		0.50	ug/L	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		0.50	ug/L	1
Dibromochloromethane	124-48-1	8260B	ND		0.50	ug/L	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		0.50	ug/L	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		0.50	ug/L	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		0.50	ug/L	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		0.50	ug/L	1
Dichlorodifluoromethane	75-71-8	8260B	ND		0.50	ug/L	1
1,1-Dichloroethane	75-34-3	8260B	ND		0.50	ug/L	1
1,2-Dichloroethane	107-06-2	8260B	ND		0.50	ug/L	1
1,1-Dichloroethene	75-35-4	8260B	ND		0.50	ug/L	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		0.50	ug/L	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		0.50	ug/L	1
1,2-Dichloropropane	78-87-5	8260B	ND		0.50	ug/L	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		0.50	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		0.50	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		0.50	ug/L	1
2-Hexanone	591-78-6	8260B	ND		10	ug/L	1
Isopropylbenzene	98-82-8	8260B	ND		0.50	ug/L	1
Methyl acetate	79-20-9	8260B	ND		1.0	ug/L	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		0.50	ug/L	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	ug/L	1
Methylcyclohexane	108-87-2	8260B	ND		5.0	ug/L	1
Methylene chloride	75-09-2	8260B	ND		0.50	ug/L	1
Styrene	100-42-5	8260B	ND		0.50	ug/L	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		0.50	ug/L	1
Tetrachloroethene	127-18-4	8260B	ND		0.50	ug/L	1
Toluene	108-88-3	8260B	ND		0.50	ug/L	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		0.50	ug/L	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		0.50	ug/L	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		0.50	ug/L	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		0.50	ug/L	1

PQL = Practical quantitation limit B = Detected in the method blank E = Quantitation of compound exceeded the calibration range H = Out of holding time
 ND = Not detected at or above the PQL J = Estimated result < PQL and ≥ MDL P = The RPD between two GC columns exceeds 40% N = Recovery is out of criteria
 Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Client: NCDENR - DWM - DSCA	Laboratory ID: QA23064-001
Description: TRIP BLANK	Matrix: Aqueous
Date Sampled: 01/22/2015	
Date Received: 01/23/2015	

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	01/29/2015 1118	EH1		66429

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Trichloroethene	79-01-6	8260B	ND		0.50	ug/L	1
Trichlorofluoromethane	75-69-4	8260B	ND		0.50	ug/L	1
Vinyl chloride	75-01-4	8260B	ND		0.50	ug/L	1
Xylenes (total)	1330-20-7	8260B	ND		0.50	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		96	70-130
Bromofluorobenzene		105	70-130
Toluene-d8		108	70-130

PQL = Practical quantitation limit B = Detected in the method blank E = Quantitation of compound exceeded the calibration range H = Out of holding time
 ND = Not detected at or above the PQL J = Estimated result < PQL and ≥ MDL P = The RPD between two GC columns exceeds 40% N = Recovery is out of criteria
 Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Client: NCDENR - DWM - DSCA	Laboratory ID: QA23064-002
Description: 1643 STOKESBURG	Matrix: Aqueous
Date Sampled: 01/22/2015 1007	
Date Received: 01/23/2015	

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	01/29/2015 1151	EH1		66429

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Acetone	67-64-1	8260B	ND		10	ug/L	1
Benzene	71-43-2	8260B	ND		0.50	ug/L	1
Bromodichloromethane	75-27-4	8260B	ND		0.50	ug/L	1
Bromoform	75-25-2	8260B	ND		0.50	ug/L	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		0.50	ug/L	1
2-Butanone (MEK)	78-93-3	8260B	ND		10	ug/L	1
Carbon disulfide	75-15-0	8260B	ND		0.50	ug/L	1
Carbon tetrachloride	56-23-5	8260B	ND		0.50	ug/L	1
Chlorobenzene	108-90-7	8260B	ND		0.50	ug/L	1
Chloroethane	75-00-3	8260B	ND		0.50	ug/L	1
Chloroform	67-66-3	8260B	ND		0.50	ug/L	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		0.50	ug/L	1
Cyclohexane	110-82-7	8260B	ND		0.50	ug/L	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		0.50	ug/L	1
Dibromochloromethane	124-48-1	8260B	ND		0.50	ug/L	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		0.50	ug/L	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		0.50	ug/L	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		0.50	ug/L	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		0.50	ug/L	1
Dichlorodifluoromethane	75-71-8	8260B	ND		0.50	ug/L	1
1,1-Dichloroethane	75-34-3	8260B	ND		0.50	ug/L	1
1,2-Dichloroethane	107-06-2	8260B	ND		0.50	ug/L	1
1,1-Dichloroethene	75-35-4	8260B	ND		0.50	ug/L	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		0.50	ug/L	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		0.50	ug/L	1
1,2-Dichloropropane	78-87-5	8260B	ND		0.50	ug/L	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		0.50	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		0.50	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		0.50	ug/L	1
2-Hexanone	591-78-6	8260B	ND		10	ug/L	1
Isopropylbenzene	98-82-8	8260B	ND		0.50	ug/L	1
Methyl acetate	79-20-9	8260B	ND		1.0	ug/L	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		0.50	ug/L	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	ug/L	1
Methylcyclohexane	108-87-2	8260B	ND		5.0	ug/L	1
Methylene chloride	75-09-2	8260B	ND		0.50	ug/L	1
Styrene	100-42-5	8260B	ND		0.50	ug/L	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		0.50	ug/L	1
Tetrachloroethene	127-18-4	8260B	ND		0.50	ug/L	1
Toluene	108-88-3	8260B	ND		0.50	ug/L	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		0.50	ug/L	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		0.50	ug/L	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		0.50	ug/L	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		0.50	ug/L	1

PQL = Practical quantitation limit B = Detected in the method blank E = Quantitation of compound exceeded the calibration range H = Out of holding time
 ND = Not detected at or above the PQL J = Estimated result < PQL and ≥ MDL P = The RPD between two GC columns exceeds 40% N = Recovery is out of criteria
 Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Client: NCDENR - DWM - DSCA	Laboratory ID: QA23064-002
Description: 1643 STOKESBURG	Matrix: Aqueous
Date Sampled: 01/22/2015 1007	
Date Received: 01/23/2015	

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	01/29/2015 1151	EH1		66429

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Trichloroethene	79-01-6	8260B	ND		0.50	ug/L	1
Trichlorofluoromethane	75-69-4	8260B	ND		0.50	ug/L	1
Vinyl chloride	75-01-4	8260B	ND		0.50	ug/L	1
Xylenes (total)	1330-20-7	8260B	ND		0.50	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		96	70-130
Bromofluorobenzene		101	70-130
Toluene-d8		105	70-130

PQL = Practical quantitation limit B = Detected in the method blank E = Quantitation of compound exceeded the calibration range H = Out of holding time
 ND = Not detected at or above the PQL J = Estimated result < PQL and ≥ MDL P = The RPD between two GC columns exceeds 40% N = Recovery is out of criteria
 Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Client: **NCDENR - DWM - DSCA**

Laboratory ID: **QA23064-003**

Description: **1643 STOKESBURG-B**

Matrix: **Aqueous**

Date Sampled: **01/22/2015 1030**

Date Received: **01/23/2015**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	01/29/2015 1239	EH1		66430

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Acetone	67-64-1	8260B	ND		10	ug/L	1
Benzene	71-43-2	8260B	ND		0.50	ug/L	1
Bromodichloromethane	75-27-4	8260B	ND		0.50	ug/L	1
Bromoform	75-25-2	8260B	ND		0.50	ug/L	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		0.50	ug/L	1
2-Butanone (MEK)	78-93-3	8260B	ND		10	ug/L	1
Carbon disulfide	75-15-0	8260B	ND		0.50	ug/L	1
Carbon tetrachloride	56-23-5	8260B	ND		0.50	ug/L	1
Chlorobenzene	108-90-7	8260B	ND		0.50	ug/L	1
Chloroethane	75-00-3	8260B	ND		0.50	ug/L	1
Chloroform	67-66-3	8260B	ND		0.50	ug/L	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		0.50	ug/L	1
Cyclohexane	110-82-7	8260B	ND		0.50	ug/L	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		0.50	ug/L	1
Dibromochloromethane	124-48-1	8260B	ND		0.50	ug/L	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		0.50	ug/L	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		0.50	ug/L	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		0.50	ug/L	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		0.50	ug/L	1
Dichlorodifluoromethane	75-71-8	8260B	ND		0.50	ug/L	1
1,1-Dichloroethane	75-34-3	8260B	ND		0.50	ug/L	1
1,2-Dichloroethane	107-06-2	8260B	ND		0.50	ug/L	1
1,1-Dichloroethene	75-35-4	8260B	ND		0.50	ug/L	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		0.50	ug/L	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		0.50	ug/L	1
1,2-Dichloropropane	78-87-5	8260B	ND		0.50	ug/L	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		0.50	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		0.50	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		0.50	ug/L	1
2-Hexanone	591-78-6	8260B	ND		10	ug/L	1
Isopropylbenzene	98-82-8	8260B	ND		0.50	ug/L	1
Methyl acetate	79-20-9	8260B	ND		1.0	ug/L	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	0.71		0.50	ug/L	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	ug/L	1
Methylcyclohexane	108-87-2	8260B	ND		5.0	ug/L	1
Methylene chloride	75-09-2	8260B	ND		0.50	ug/L	1
Styrene	100-42-5	8260B	ND		0.50	ug/L	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		0.50	ug/L	1
Tetrachloroethene	127-18-4	8260B	ND		0.50	ug/L	1
Toluene	108-88-3	8260B	ND		0.50	ug/L	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		0.50	ug/L	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		0.50	ug/L	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		0.50	ug/L	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		0.50	ug/L	1

PQL = Practical quantitation limit B = Detected in the method blank E = Quantitation of compound exceeded the calibration range H = Out of holding time
 ND = Not detected at or above the PQL J = Estimated result < PQL and ≥ MDL P = The RPD between two GC columns exceeds 40% N = Recovery is out of criteria
 Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Client: NCDENR - DWM - DSCA	Laboratory ID: QA23064-003
Description: 1643 STOKESBURG-B	Matrix: Aqueous
Date Sampled: 01/22/2015 1030	
Date Received: 01/23/2015	

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	01/29/2015 1239	EH1		66430

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Trichloroethene	79-01-6	8260B	ND		0.50	ug/L	1
Trichlorofluoromethane	75-69-4	8260B	ND		0.50	ug/L	1
Vinyl chloride	75-01-4	8260B	ND		0.50	ug/L	1
Xylenes (total)	1330-20-7	8260B	ND		0.50	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		103	70-130
Bromofluorobenzene		108	70-130
Toluene-d8		103	70-130

PQL = Practical quantitation limit B = Detected in the method blank E = Quantitation of compound exceeded the calibration range H = Out of holding time
 ND = Not detected at or above the PQL J = Estimated result < PQL and ≥ MDL P = The RPD between two GC columns exceeds 40% N = Recovery is out of criteria
 Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Client: **NCDENR - DWM - DSCA**

Laboratory ID: **QA23064-004**

Description: **1145 SPENCER**

Matrix: **Aqueous**

Date Sampled: **01/22/2015 1057**

Date Received: **01/23/2015**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	01/29/2015 1310	EH1		66430

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Acetone	67-64-1	8260B	ND		10	ug/L	1
Benzene	71-43-2	8260B	ND		0.50	ug/L	1
Bromodichloromethane	75-27-4	8260B	ND		0.50	ug/L	1
Bromoform	75-25-2	8260B	ND		0.50	ug/L	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		0.50	ug/L	1
2-Butanone (MEK)	78-93-3	8260B	ND		10	ug/L	1
Carbon disulfide	75-15-0	8260B	ND		0.50	ug/L	1
Carbon tetrachloride	56-23-5	8260B	ND		0.50	ug/L	1
Chlorobenzene	108-90-7	8260B	ND		0.50	ug/L	1
Chloroethane	75-00-3	8260B	ND		0.50	ug/L	1
Chloroform	67-66-3	8260B	ND		0.50	ug/L	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		0.50	ug/L	1
Cyclohexane	110-82-7	8260B	ND		0.50	ug/L	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		0.50	ug/L	1
Dibromochloromethane	124-48-1	8260B	ND		0.50	ug/L	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		0.50	ug/L	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		0.50	ug/L	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		0.50	ug/L	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		0.50	ug/L	1
Dichlorodifluoromethane	75-71-8	8260B	ND		0.50	ug/L	1
1,1-Dichloroethane	75-34-3	8260B	ND		0.50	ug/L	1
1,2-Dichloroethane	107-06-2	8260B	ND		0.50	ug/L	1
1,1-Dichloroethene	75-35-4	8260B	ND		0.50	ug/L	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		0.50	ug/L	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		0.50	ug/L	1
1,2-Dichloropropane	78-87-5	8260B	ND		0.50	ug/L	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		0.50	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		0.50	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		0.50	ug/L	1
2-Hexanone	591-78-6	8260B	ND		10	ug/L	1
Isopropylbenzene	98-82-8	8260B	ND		0.50	ug/L	1
Methyl acetate	79-20-9	8260B	ND		1.0	ug/L	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		0.50	ug/L	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	ug/L	1
Methylcyclohexane	108-87-2	8260B	ND		5.0	ug/L	1
Methylene chloride	75-09-2	8260B	ND		0.50	ug/L	1
Styrene	100-42-5	8260B	ND		0.50	ug/L	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		0.50	ug/L	1
Tetrachloroethene	127-18-4	8260B	ND		0.50	ug/L	1
Toluene	108-88-3	8260B	ND		0.50	ug/L	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		0.50	ug/L	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		0.50	ug/L	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		0.50	ug/L	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		0.50	ug/L	1

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

H = Out of holding time

ND = Not detected at or above the PQL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Shealy Environmental Services, Inc.

106 Vantage Point Drive West Columbia, SC 29172 (803) 791-9700 Fax (803) 791-9111 www.shealylab.com

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Level 1 Report v2.1

Volatile Organic Compounds by GC/MS

Client: NCDENR - DWM - DSCA	Laboratory ID: QA23064-004
Description: 1145 SPENCER	Matrix: Aqueous
Date Sampled: 01/22/2015 1057	
Date Received: 01/23/2015	

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	01/29/2015 1310	EH1		66430

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Trichloroethene	79-01-6	8260B	ND		0.50	ug/L	1
Trichlorofluoromethane	75-69-4	8260B	ND		0.50	ug/L	1
Vinyl chloride	75-01-4	8260B	ND		0.50	ug/L	1
Xylenes (total)	1330-20-7	8260B	ND		0.50	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		104	70-130
Bromofluorobenzene		109	70-130
Toluene-d8		104	70-130

PQL = Practical quantitation limit B = Detected in the method blank E = Quantitation of compound exceeded the calibration range H = Out of holding time
 ND = Not detected at or above the PQL J = Estimated result < PQL and ≥ MDL P = The RPD between two GC columns exceeds 40% N = Recovery is out of criteria
 Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Client: **NCDENR - DWM - DSCA**

Laboratory ID: **QA23064-005**

Description: **1060 SPENCER**

Matrix: **Aqueous**

Date Sampled: **01/22/2015 1120**

Date Received: **01/23/2015**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	01/29/2015 1342	EH1		66430

Parameter	CAS	Analytical	Result	Q	PQL	Units	Run
	Number	Method					
Acetone	67-64-1	8260B	ND		10	ug/L	1
Benzene	71-43-2	8260B	ND		0.50	ug/L	1
Bromodichloromethane	75-27-4	8260B	ND		0.50	ug/L	1
Bromoform	75-25-2	8260B	ND		0.50	ug/L	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		0.50	ug/L	1
2-Butanone (MEK)	78-93-3	8260B	ND		10	ug/L	1
Carbon disulfide	75-15-0	8260B	ND		0.50	ug/L	1
Carbon tetrachloride	56-23-5	8260B	ND		0.50	ug/L	1
Chlorobenzene	108-90-7	8260B	ND		0.50	ug/L	1
Chloroethane	75-00-3	8260B	ND		0.50	ug/L	1
Chloroform	67-66-3	8260B	ND		0.50	ug/L	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		0.50	ug/L	1
Cyclohexane	110-82-7	8260B	ND		0.50	ug/L	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		0.50	ug/L	1
Dibromochloromethane	124-48-1	8260B	ND		0.50	ug/L	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		0.50	ug/L	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		0.50	ug/L	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		0.50	ug/L	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		0.50	ug/L	1
Dichlorodifluoromethane	75-71-8	8260B	ND		0.50	ug/L	1
1,1-Dichloroethane	75-34-3	8260B	ND		0.50	ug/L	1
1,2-Dichloroethane	107-06-2	8260B	ND		0.50	ug/L	1
1,1-Dichloroethene	75-35-4	8260B	ND		0.50	ug/L	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		0.50	ug/L	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		0.50	ug/L	1
1,2-Dichloropropane	78-87-5	8260B	ND		0.50	ug/L	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		0.50	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		0.50	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		0.50	ug/L	1
2-Hexanone	591-78-6	8260B	ND		10	ug/L	1
Isopropylbenzene	98-82-8	8260B	ND		0.50	ug/L	1
Methyl acetate	79-20-9	8260B	ND		1.0	ug/L	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		0.50	ug/L	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	ug/L	1
Methylcyclohexane	108-87-2	8260B	ND		5.0	ug/L	1
Methylene chloride	75-09-2	8260B	ND		0.50	ug/L	1
Styrene	100-42-5	8260B	ND		0.50	ug/L	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		0.50	ug/L	1
Tetrachloroethene	127-18-4	8260B	ND		0.50	ug/L	1
Toluene	108-88-3	8260B	ND		0.50	ug/L	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		0.50	ug/L	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		0.50	ug/L	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		0.50	ug/L	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		0.50	ug/L	1

PQL = Practical quantitation limit B = Detected in the method blank E = Quantitation of compound exceeded the calibration range H = Out of holding time
 ND = Not detected at or above the PQL J = Estimated result < PQL and ≥ MDL P = The RPD between two GC columns exceeds 40% N = Recovery is out of criteria
 Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Client: NCDENR - DWM - DSCA	Laboratory ID: QA23064-005
Description: 1060 SPENCER	Matrix: Aqueous
Date Sampled: 01/22/2015 1120	
Date Received: 01/23/2015	

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	01/29/2015 1342	EH1		66430

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Trichloroethene	79-01-6	8260B	ND		0.50	ug/L	1
Trichlorofluoromethane	75-69-4	8260B	ND		0.50	ug/L	1
Vinyl chloride	75-01-4	8260B	ND		0.50	ug/L	1
Xylenes (total)	1330-20-7	8260B	ND		0.50	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		105	70-130
Bromofluorobenzene		110	70-130
Toluene-d8		106	70-130

PQL = Practical quantitation limit B = Detected in the method blank E = Quantitation of compound exceeded the calibration range H = Out of holding time
 ND = Not detected at or above the PQL J = Estimated result < PQL and ≥ MDL P = The RPD between two GC columns exceeds 40% N = Recovery is out of criteria
 Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Client: **NCDENR - DWM - DSCA**

Laboratory ID: **QA23064-006**

Description: **1334 US 311**

Matrix: **Aqueous**

Date Sampled: **01/22/2015 1147**

Date Received: **01/23/2015**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	01/29/2015 1414	EH1		66430

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Acetone	67-64-1	8260B	ND		10	ug/L	1
Benzene	71-43-2	8260B	ND		0.50	ug/L	1
Bromodichloromethane	75-27-4	8260B	ND		0.50	ug/L	1
Bromoform	75-25-2	8260B	ND		0.50	ug/L	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		0.50	ug/L	1
2-Butanone (MEK)	78-93-3	8260B	ND		10	ug/L	1
Carbon disulfide	75-15-0	8260B	ND		0.50	ug/L	1
Carbon tetrachloride	56-23-5	8260B	ND		0.50	ug/L	1
Chlorobenzene	108-90-7	8260B	ND		0.50	ug/L	1
Chloroethane	75-00-3	8260B	ND		0.50	ug/L	1
Chloroform	67-66-3	8260B	ND		0.50	ug/L	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		0.50	ug/L	1
Cyclohexane	110-82-7	8260B	ND		0.50	ug/L	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		0.50	ug/L	1
Dibromochloromethane	124-48-1	8260B	ND		0.50	ug/L	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		0.50	ug/L	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		0.50	ug/L	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		0.50	ug/L	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		0.50	ug/L	1
Dichlorodifluoromethane	75-71-8	8260B	ND		0.50	ug/L	1
1,1-Dichloroethane	75-34-3	8260B	ND		0.50	ug/L	1
1,2-Dichloroethane	107-06-2	8260B	ND		0.50	ug/L	1
1,1-Dichloroethene	75-35-4	8260B	ND		0.50	ug/L	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		0.50	ug/L	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		0.50	ug/L	1
1,2-Dichloropropane	78-87-5	8260B	ND		0.50	ug/L	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		0.50	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		0.50	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		0.50	ug/L	1
2-Hexanone	591-78-6	8260B	ND		10	ug/L	1
Isopropylbenzene	98-82-8	8260B	ND		0.50	ug/L	1
Methyl acetate	79-20-9	8260B	ND		1.0	ug/L	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		0.50	ug/L	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	ug/L	1
Methylcyclohexane	108-87-2	8260B	ND		5.0	ug/L	1
Methylene chloride	75-09-2	8260B	ND		0.50	ug/L	1
Styrene	100-42-5	8260B	ND		0.50	ug/L	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		0.50	ug/L	1
Tetrachloroethene	127-18-4	8260B	ND		0.50	ug/L	1
Toluene	108-88-3	8260B	ND		0.50	ug/L	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		0.50	ug/L	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		0.50	ug/L	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		0.50	ug/L	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		0.50	ug/L	1

PQL = Practical quantitation limit B = Detected in the method blank E = Quantitation of compound exceeded the calibration range H = Out of holding time
 ND = Not detected at or above the PQL J = Estimated result < PQL and ≥ MDL P = The RPD between two GC columns exceeds 40% N = Recovery is out of criteria
 Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Client: NCDENR - DWM - DSCA	Laboratory ID: QA23064-006
Description: 1334 US 311	Matrix: Aqueous
Date Sampled: 01/22/2015 1147	
Date Received: 01/23/2015	

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	01/29/2015 1414	EH1		66430

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Trichloroethene	79-01-6	8260B	ND		0.50	ug/L	1
Trichlorofluoromethane	75-69-4	8260B	ND		0.50	ug/L	1
Vinyl chloride	75-01-4	8260B	ND		0.50	ug/L	1
Xylenes (total)	1330-20-7	8260B	ND		0.50	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		102	70-130
Bromofluorobenzene		106	70-130
Toluene-d8		104	70-130

PQL = Practical quantitation limit B = Detected in the method blank E = Quantitation of compound exceeded the calibration range H = Out of holding time
 ND = Not detected at or above the PQL J = Estimated result < PQL and ≥ MDL P = The RPD between two GC columns exceeds 40% N = Recovery is out of criteria
 Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Client: **NCDENR - DWM - DSCA**

Laboratory ID: **QA23064-007**

Description: **1346 US 311**

Matrix: **Aqueous**

Date Sampled: **01/22/2015 1210**

Date Received: **01/23/2015**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	01/29/2015 1446	EH1		66430

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Acetone	67-64-1	8260B	ND		10	ug/L	1
Benzene	71-43-2	8260B	ND		0.50	ug/L	1
Bromodichloromethane	75-27-4	8260B	ND		0.50	ug/L	1
Bromoform	75-25-2	8260B	ND		0.50	ug/L	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		0.50	ug/L	1
2-Butanone (MEK)	78-93-3	8260B	ND		10	ug/L	1
Carbon disulfide	75-15-0	8260B	ND		0.50	ug/L	1
Carbon tetrachloride	56-23-5	8260B	ND		0.50	ug/L	1
Chlorobenzene	108-90-7	8260B	ND		0.50	ug/L	1
Chloroethane	75-00-3	8260B	ND		0.50	ug/L	1
Chloroform	67-66-3	8260B	ND		0.50	ug/L	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		0.50	ug/L	1
Cyclohexane	110-82-7	8260B	ND		0.50	ug/L	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		0.50	ug/L	1
Dibromochloromethane	124-48-1	8260B	ND		0.50	ug/L	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		0.50	ug/L	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		0.50	ug/L	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		0.50	ug/L	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		0.50	ug/L	1
Dichlorodifluoromethane	75-71-8	8260B	ND		0.50	ug/L	1
1,1-Dichloroethane	75-34-3	8260B	ND		0.50	ug/L	1
1,2-Dichloroethane	107-06-2	8260B	ND		0.50	ug/L	1
1,1-Dichloroethene	75-35-4	8260B	ND		0.50	ug/L	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		0.50	ug/L	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		0.50	ug/L	1
1,2-Dichloropropane	78-87-5	8260B	ND		0.50	ug/L	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		0.50	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		0.50	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		0.50	ug/L	1
2-Hexanone	591-78-6	8260B	ND		10	ug/L	1
Isopropylbenzene	98-82-8	8260B	ND		0.50	ug/L	1
Methyl acetate	79-20-9	8260B	ND		1.0	ug/L	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		0.50	ug/L	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	ug/L	1
Methylcyclohexane	108-87-2	8260B	ND		5.0	ug/L	1
Methylene chloride	75-09-2	8260B	ND		0.50	ug/L	1
Styrene	100-42-5	8260B	ND		0.50	ug/L	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		0.50	ug/L	1
Tetrachloroethene	127-18-4	8260B	ND		0.50	ug/L	1
Toluene	108-88-3	8260B	ND		0.50	ug/L	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		0.50	ug/L	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		0.50	ug/L	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		0.50	ug/L	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		0.50	ug/L	1

PQL = Practical quantitation limit B = Detected in the method blank E = Quantitation of compound exceeded the calibration range H = Out of holding time
 ND = Not detected at or above the PQL J = Estimated result < PQL and ≥ MDL P = The RPD between two GC columns exceeds 40% N = Recovery is out of criteria
 Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Client: NCDENR - DWM - DSCA	Laboratory ID: QA23064-007
Description: 1346 US 311	Matrix: Aqueous
Date Sampled: 01/22/2015 1210	
Date Received: 01/23/2015	

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	01/29/2015 1446	EH1		66430

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Trichloroethene	79-01-6	8260B	ND		0.50	ug/L	1
Trichlorofluoromethane	75-69-4	8260B	ND		0.50	ug/L	1
Vinyl chloride	75-01-4	8260B	ND		0.50	ug/L	1
Xylenes (total)	1330-20-7	8260B	ND		0.50	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		105	70-130
Bromofluorobenzene		110	70-130
Toluene-d8		107	70-130

PQL = Practical quantitation limit B = Detected in the method blank E = Quantitation of compound exceeded the calibration range H = Out of holding time
 ND = Not detected at or above the PQL J = Estimated result < PQL and ≥ MDL P = The RPD between two GC columns exceeds 40% N = Recovery is out of criteria
 Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Client: NCDENR - DWM - DSCA	Laboratory ID: QA23064-008
Description: 1768 STOKESBURG	Matrix: Aqueous
Date Sampled: 01/22/2015 1240	
Date Received: 01/23/2015	

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	01/29/2015 1518	EH1		66430

Parameter	CAS	Analytical	Result	Q	PQL	Units	Run
	Number	Method					
Acetone	67-64-1	8260B	ND		10	ug/L	1
Benzene	71-43-2	8260B	ND		0.50	ug/L	1
Bromodichloromethane	75-27-4	8260B	ND		0.50	ug/L	1
Bromoform	75-25-2	8260B	ND		0.50	ug/L	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		0.50	ug/L	1
2-Butanone (MEK)	78-93-3	8260B	ND		10	ug/L	1
Carbon disulfide	75-15-0	8260B	ND		0.50	ug/L	1
Carbon tetrachloride	56-23-5	8260B	ND		0.50	ug/L	1
Chlorobenzene	108-90-7	8260B	ND		0.50	ug/L	1
Chloroethane	75-00-3	8260B	ND		0.50	ug/L	1
Chloroform	67-66-3	8260B	0.78		0.50	ug/L	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		0.50	ug/L	1
Cyclohexane	110-82-7	8260B	ND		0.50	ug/L	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		0.50	ug/L	1
Dibromochloromethane	124-48-1	8260B	ND		0.50	ug/L	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		0.50	ug/L	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		0.50	ug/L	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		0.50	ug/L	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		0.50	ug/L	1
Dichlorodifluoromethane	75-71-8	8260B	ND		0.50	ug/L	1
1,1-Dichloroethane	75-34-3	8260B	ND		0.50	ug/L	1
1,2-Dichloroethane	107-06-2	8260B	ND		0.50	ug/L	1
1,1-Dichloroethene	75-35-4	8260B	ND		0.50	ug/L	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		0.50	ug/L	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		0.50	ug/L	1
1,2-Dichloropropane	78-87-5	8260B	ND		0.50	ug/L	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		0.50	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		0.50	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		0.50	ug/L	1
2-Hexanone	591-78-6	8260B	ND		10	ug/L	1
Isopropylbenzene	98-82-8	8260B	ND		0.50	ug/L	1
Methyl acetate	79-20-9	8260B	ND		1.0	ug/L	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		0.50	ug/L	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	ug/L	1
Methylcyclohexane	108-87-2	8260B	ND		5.0	ug/L	1
Methylene chloride	75-09-2	8260B	ND		0.50	ug/L	1
Styrene	100-42-5	8260B	ND		0.50	ug/L	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		0.50	ug/L	1
Tetrachloroethene	127-18-4	8260B	ND		0.50	ug/L	1
Toluene	108-88-3	8260B	ND		0.50	ug/L	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		0.50	ug/L	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		0.50	ug/L	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		0.50	ug/L	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		0.50	ug/L	1

PQL = Practical quantitation limit B = Detected in the method blank E = Quantitation of compound exceeded the calibration range H = Out of holding time
 ND = Not detected at or above the PQL J = Estimated result < PQL and ≥ MDL P = The RPD between two GC columns exceeds 40% N = Recovery is out of criteria
 Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Client: NCDENR - DWM - DSCA	Laboratory ID: QA23064-008
Description: 1768 STOKESBURG	Matrix: Aqueous
Date Sampled: 01/22/2015 1240	
Date Received: 01/23/2015	

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	01/29/2015 1518	EH1		66430

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Trichloroethene	79-01-6	8260B	ND		0.50	ug/L	1
Trichlorofluoromethane	75-69-4	8260B	ND		0.50	ug/L	1
Vinyl chloride	75-01-4	8260B	ND		0.50	ug/L	1
Xylenes (total)	1330-20-7	8260B	ND		0.50	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		105	70-130
Bromofluorobenzene		108	70-130
Toluene-d8		106	70-130

PQL = Practical quantitation limit B = Detected in the method blank E = Quantitation of compound exceeded the calibration range H = Out of holding time
 ND = Not detected at or above the PQL J = Estimated result < PQL and ≥ MDL P = The RPD between two GC columns exceeds 40% N = Recovery is out of criteria
 Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Client: **NCDENR - DWM - DSCA**

Laboratory ID: **QA23064-009**

Description: **1271 US 311**

Matrix: **Aqueous**

Date Sampled: **01/22/2015 1258**

Date Received: **01/23/2015**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	01/29/2015 1549	EH1		66430

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Acetone	67-64-1	8260B	ND		10	ug/L	1
Benzene	71-43-2	8260B	ND		0.50	ug/L	1
Bromodichloromethane	75-27-4	8260B	ND		0.50	ug/L	1
Bromoform	75-25-2	8260B	ND		0.50	ug/L	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		0.50	ug/L	1
2-Butanone (MEK)	78-93-3	8260B	ND		10	ug/L	1
Carbon disulfide	75-15-0	8260B	ND		0.50	ug/L	1
Carbon tetrachloride	56-23-5	8260B	ND		0.50	ug/L	1
Chlorobenzene	108-90-7	8260B	ND		0.50	ug/L	1
Chloroethane	75-00-3	8260B	ND		0.50	ug/L	1
Chloroform	67-66-3	8260B	ND		0.50	ug/L	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		0.50	ug/L	1
Cyclohexane	110-82-7	8260B	ND		0.50	ug/L	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		0.50	ug/L	1
Dibromochloromethane	124-48-1	8260B	ND		0.50	ug/L	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		0.50	ug/L	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		0.50	ug/L	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		0.50	ug/L	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		0.50	ug/L	1
Dichlorodifluoromethane	75-71-8	8260B	ND		0.50	ug/L	1
1,1-Dichloroethane	75-34-3	8260B	ND		0.50	ug/L	1
1,2-Dichloroethane	107-06-2	8260B	ND		0.50	ug/L	1
1,1-Dichloroethene	75-35-4	8260B	ND		0.50	ug/L	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		0.50	ug/L	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		0.50	ug/L	1
1,2-Dichloropropane	78-87-5	8260B	ND		0.50	ug/L	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		0.50	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		0.50	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		0.50	ug/L	1
2-Hexanone	591-78-6	8260B	ND		10	ug/L	1
Isopropylbenzene	98-82-8	8260B	ND		0.50	ug/L	1
Methyl acetate	79-20-9	8260B	ND		1.0	ug/L	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		0.50	ug/L	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	ug/L	1
Methylcyclohexane	108-87-2	8260B	ND		5.0	ug/L	1
Methylene chloride	75-09-2	8260B	ND		0.50	ug/L	1
Styrene	100-42-5	8260B	ND		0.50	ug/L	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		0.50	ug/L	1
Tetrachloroethene	127-18-4	8260B	ND		0.50	ug/L	1
Toluene	108-88-3	8260B	ND		0.50	ug/L	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		0.50	ug/L	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		0.50	ug/L	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		0.50	ug/L	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		0.50	ug/L	1

PQL = Practical quantitation limit B = Detected in the method blank E = Quantitation of compound exceeded the calibration range H = Out of holding time
 ND = Not detected at or above the PQL J = Estimated result < PQL and ≥ MDL P = The RPD between two GC columns exceeds 40% N = Recovery is out of criteria
 Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Client: NCDENR - DWM - DSCA	Laboratory ID: QA23064-009
Description: 1271 US 311	Matrix: Aqueous
Date Sampled: 01/22/2015 1258	
Date Received: 01/23/2015	

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	01/29/2015 1549	EH1		66430

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Trichloroethene	79-01-6	8260B	ND		0.50	ug/L	1
Trichlorofluoromethane	75-69-4	8260B	ND		0.50	ug/L	1
Vinyl chloride	75-01-4	8260B	ND		0.50	ug/L	1
Xylenes (total)	1330-20-7	8260B	ND		0.50	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		102	70-130
Bromofluorobenzene		106	70-130
Toluene-d8		103	70-130

PQL = Practical quantitation limit B = Detected in the method blank E = Quantitation of compound exceeded the calibration range H = Out of holding time
 ND = Not detected at or above the PQL J = Estimated result < PQL and ≥ MDL P = The RPD between two GC columns exceeds 40% N = Recovery is out of criteria
 Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Client: NCDENR - DWM - DSCA	Laboratory ID: QA23064-010
Description: 1587 HINSDALE	Matrix: Aqueous
Date Sampled: 01/22/2015 1410	
Date Received: 01/23/2015	

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	01/29/2015 1620	EH1		66430

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Acetone	67-64-1	8260B	ND		10	ug/L	1
Benzene	71-43-2	8260B	ND		0.50	ug/L	1
Bromodichloromethane	75-27-4	8260B	ND		0.50	ug/L	1
Bromoform	75-25-2	8260B	ND		0.50	ug/L	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		0.50	ug/L	1
2-Butanone (MEK)	78-93-3	8260B	ND		10	ug/L	1
Carbon disulfide	75-15-0	8260B	ND		0.50	ug/L	1
Carbon tetrachloride	56-23-5	8260B	ND		0.50	ug/L	1
Chlorobenzene	108-90-7	8260B	ND		0.50	ug/L	1
Chloroethane	75-00-3	8260B	ND		0.50	ug/L	1
Chloroform	67-66-3	8260B	ND		0.50	ug/L	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		0.50	ug/L	1
Cyclohexane	110-82-7	8260B	ND		0.50	ug/L	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		0.50	ug/L	1
Dibromochloromethane	124-48-1	8260B	ND		0.50	ug/L	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		0.50	ug/L	1
1,2-Dichlorobenzene	95-50-1	8260B	ND		0.50	ug/L	1
1,3-Dichlorobenzene	541-73-1	8260B	ND		0.50	ug/L	1
1,4-Dichlorobenzene	106-46-7	8260B	ND		0.50	ug/L	1
Dichlorodifluoromethane	75-71-8	8260B	ND		0.50	ug/L	1
1,1-Dichloroethane	75-34-3	8260B	ND		0.50	ug/L	1
1,2-Dichloroethane	107-06-2	8260B	ND		0.50	ug/L	1
1,1-Dichloroethene	75-35-4	8260B	ND		0.50	ug/L	1
cis-1,2-Dichloroethene	156-59-2	8260B	ND		0.50	ug/L	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		0.50	ug/L	1
1,2-Dichloropropane	78-87-5	8260B	ND		0.50	ug/L	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		0.50	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		0.50	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		0.50	ug/L	1
2-Hexanone	591-78-6	8260B	ND		10	ug/L	1
Isopropylbenzene	98-82-8	8260B	ND		0.50	ug/L	1
Methyl acetate	79-20-9	8260B	ND		1.0	ug/L	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	8260B	ND		0.50	ug/L	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	ug/L	1
Methylcyclohexane	108-87-2	8260B	ND		5.0	ug/L	1
Methylene chloride	75-09-2	8260B	ND		0.50	ug/L	1
Styrene	100-42-5	8260B	ND		0.50	ug/L	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		0.50	ug/L	1
Tetrachloroethene	127-18-4	8260B	ND		0.50	ug/L	1
Toluene	108-88-3	8260B	ND		0.50	ug/L	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	8260B	ND		0.50	ug/L	1
1,2,4-Trichlorobenzene	120-82-1	8260B	ND		0.50	ug/L	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		0.50	ug/L	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		0.50	ug/L	1

PQL = Practical quantitation limit B = Detected in the method blank E = Quantitation of compound exceeded the calibration range H = Out of holding time
 ND = Not detected at or above the PQL J = Estimated result < PQL and ≥ MDL P = The RPD between two GC columns exceeds 40% N = Recovery is out of criteria
 Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Volatile Organic Compounds by GC/MS

Client: NCDENR - DWM - DSCA	Laboratory ID: QA23064-010
Description: 1587 HINSDALE	Matrix: Aqueous
Date Sampled: 01/22/2015 1410	
Date Received: 01/23/2015	

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	01/29/2015 1620	EH1		66430

Parameter	CAS Number	Analytical Method	Result	Q	PQL	Units	Run
Trichloroethene	79-01-6	8260B	ND		0.50	ug/L	1
Trichlorofluoromethane	75-69-4	8260B	ND		0.50	ug/L	1
Vinyl chloride	75-01-4	8260B	ND		0.50	ug/L	1
Xylenes (total)	1330-20-7	8260B	ND		0.50	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		104	70-130
Bromofluorobenzene		110	70-130
Toluene-d8		106	70-130

PQL = Practical quantitation limit B = Detected in the method blank E = Quantitation of compound exceeded the calibration range H = Out of holding time
 ND = Not detected at or above the PQL J = Estimated result < PQL and ≥ MDL P = The RPD between two GC columns exceeds 40% N = Recovery is out of criteria
 Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

QC Summary

Volatile Organic Compounds by GC/MS - MB

Sample ID: QQ66429-001

Batch: 66429

Analytical Method: 8260B

Matrix: Aqueous

Prep Method: 5030B

Parameter	Result	Q	Dil	PQL	Units	Analysis Date
Acetone	ND		1	10	ug/L	01/29/2015 1046
Benzene	ND		1	0.50	ug/L	01/29/2015 1046
Bromodichloromethane	ND		1	0.50	ug/L	01/29/2015 1046
Bromoform	ND		1	0.50	ug/L	01/29/2015 1046
Bromomethane (Methyl bromide)	ND		1	0.50	ug/L	01/29/2015 1046
2-Butanone (MEK)	ND		1	10	ug/L	01/29/2015 1046
Carbon disulfide	ND		1	0.50	ug/L	01/29/2015 1046
Carbon tetrachloride	ND		1	0.50	ug/L	01/29/2015 1046
Chlorobenzene	ND		1	0.50	ug/L	01/29/2015 1046
Chloroethane	ND		1	0.50	ug/L	01/29/2015 1046
Chloroform	ND		1	0.50	ug/L	01/29/2015 1046
Chloromethane (Methyl chloride)	ND		1	0.50	ug/L	01/29/2015 1046
Cyclohexane	ND		1	0.50	ug/L	01/29/2015 1046
1,2-Dibromo-3-chloropropane (DBCP)	ND		1	0.50	ug/L	01/29/2015 1046
Dibromochloromethane	ND		1	0.50	ug/L	01/29/2015 1046
1,2-Dibromoethane (EDB)	ND		1	0.50	ug/L	01/29/2015 1046
1,4-Dichlorobenzene	ND		1	0.50	ug/L	01/29/2015 1046
1,3-Dichlorobenzene	ND		1	0.50	ug/L	01/29/2015 1046
1,2-Dichlorobenzene	ND		1	0.50	ug/L	01/29/2015 1046
Dichlorodifluoromethane	ND		1	0.50	ug/L	01/29/2015 1046
1,2-Dichloroethane	ND		1	0.50	ug/L	01/29/2015 1046
1,1-Dichloroethane	ND		1	0.50	ug/L	01/29/2015 1046
trans-1,2-Dichloroethene	ND		1	0.50	ug/L	01/29/2015 1046
cis-1,2-Dichloroethene	ND		1	0.50	ug/L	01/29/2015 1046
1,1-Dichloroethene	ND		1	0.50	ug/L	01/29/2015 1046
1,2-Dichloropropane	ND		1	0.50	ug/L	01/29/2015 1046
trans-1,3-Dichloropropene	ND		1	0.50	ug/L	01/29/2015 1046
cis-1,3-Dichloropropene	ND		1	0.50	ug/L	01/29/2015 1046
Ethylbenzene	ND		1	0.50	ug/L	01/29/2015 1046
2-Hexanone	ND		1	10	ug/L	01/29/2015 1046
Isopropylbenzene	ND		1	0.50	ug/L	01/29/2015 1046
Methyl acetate	ND		1	1.0	ug/L	01/29/2015 1046
Methyl tertiary butyl ether (MTBE)	ND		1	0.50	ug/L	01/29/2015 1046
4-Methyl-2-pentanone	ND		1	10	ug/L	01/29/2015 1046
Methylcyclohexane	ND		1	5.0	ug/L	01/29/2015 1046
Methylene chloride	ND		1	0.50	ug/L	01/29/2015 1046
Styrene	ND		1	0.50	ug/L	01/29/2015 1046
1,1,2,2-Tetrachloroethane	ND		1	0.50	ug/L	01/29/2015 1046
Tetrachloroethene	ND		1	0.50	ug/L	01/29/2015 1046
Toluene	ND		1	0.50	ug/L	01/29/2015 1046
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		1	0.50	ug/L	01/29/2015 1046
1,2,4-Trichlorobenzene	ND		1	0.50	ug/L	01/29/2015 1046
1,1,2-Trichloroethane	ND		1	0.50	ug/L	01/29/2015 1046
1,1,1-Trichloroethane	ND		1	0.50	ug/L	01/29/2015 1046

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the PQL

J = Estimated result < PQL and ≥ MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

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Volatile Organic Compounds by GC/MS - MB

Sample ID: QQ66429-001

Batch: 66429

Matrix: Aqueous

Prep Method: 5030B

Analytical Method: 8260B

Parameter	Result	Q	Dil	PQL	Units	Analysis Date
Trichloroethene	ND		1	0.50	ug/L	01/29/2015 1046
Trichlorofluoromethane	ND		1	0.50	ug/L	01/29/2015 1046
Vinyl chloride	ND		1	0.50	ug/L	01/29/2015 1046
Xylenes (total)	ND		1	0.50	ug/L	01/29/2015 1046
Surrogate	Q	% Rec	Acceptance Limit			
Bromofluorobenzene		107	70-130			
1,2-Dichloroethane-d4		95	70-130			
Toluene-d8		108	70-130			

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the PQL

J = Estimated result < PQL and \geq MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

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Volatile Organic Compounds by GC/MS - LCS

Sample ID: QQ66429-002

Matrix: Aqueous

Batch: 66429

Prep Method: 5030B

Analytical Method: 8260B

Parameter	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Acetone	100	93		1	93	60-140	01/29/2015 0942
Benzene	50	47		1	94	70-130	01/29/2015 0942
Bromodichloromethane	50	48		1	96	70-130	01/29/2015 0942
Bromoform	50	49		1	98	70-130	01/29/2015 0942
Bromomethane (Methyl bromide)	50	57		1	114	60-140	01/29/2015 0942
2-Butanone (MEK)	100	100		1	104	60-140	01/29/2015 0942
Carbon disulfide	50	42		1	85	60-140	01/29/2015 0942
Carbon tetrachloride	50	50		1	100	70-130	01/29/2015 0942
Chlorobenzene	50	46		1	92	70-130	01/29/2015 0942
Chloroethane	50	58		1	115	42-163	01/29/2015 0942
Chloroform	50	47		1	94	70-130	01/29/2015 0942
Chloromethane (Methyl chloride)	50	59		1	118	20-158	01/29/2015 0942
Cyclohexane	50	47		1	95	70-130	01/29/2015 0942
1,2-Dibromo-3-chloropropane (DBCP)	50	47		1	95	70-130	01/29/2015 0942
Dibromochloromethane	50	47		1	93	70-130	01/29/2015 0942
1,2-Dibromoethane (EDB)	50	48		1	95	70-130	01/29/2015 0942
1,4-Dichlorobenzene	50	46		1	91	70-130	01/29/2015 0942
1,3-Dichlorobenzene	50	46		1	91	70-130	01/29/2015 0942
1,2-Dichlorobenzene	50	46		1	91	70-130	01/29/2015 0942
Dichlorodifluoromethane	50	61		1	123	60-140	01/29/2015 0942
1,2-Dichloroethane	50	49		1	98	70-130	01/29/2015 0942
1,1-Dichloroethane	50	47		1	95	70-130	01/29/2015 0942
trans-1,2-Dichloroethene	50	47		1	94	70-130	01/29/2015 0942
cis-1,2-Dichloroethene	50	47		1	94	70-130	01/29/2015 0942
1,1-Dichloroethene	50	48		1	96	70-130	01/29/2015 0942
1,2-Dichloropropane	50	48		1	97	70-130	01/29/2015 0942
trans-1,3-Dichloropropene	50	47		1	94	70-130	01/29/2015 0942
cis-1,3-Dichloropropene	50	49		1	98	70-130	01/29/2015 0942
Ethylbenzene	50	45		1	90	70-130	01/29/2015 0942
2-Hexanone	100	95		1	95	60-140	01/29/2015 0942
Isopropylbenzene	50	48		1	97	70-130	01/29/2015 0942
Methyl acetate	50	50		1	100	60-140	01/29/2015 0942
Methyl tertiary butyl ether (MTBE)	50	49		1	97	70-130	01/29/2015 0942
4-Methyl-2-pentanone	100	100		1	100	60-140	01/29/2015 0942
Methylcyclohexane	50	49		1	98	70-130	01/29/2015 0942
Methylene chloride	50	43		1	87	70-130	01/29/2015 0942
Styrene	50	47		1	94	70-130	01/29/2015 0942
1,1,2,2-Tetrachloroethane	50	47		1	94	70-130	01/29/2015 0942
Tetrachloroethene	50	48		1	97	70-130	01/29/2015 0942
Toluene	50	48		1	97	70-130	01/29/2015 0942
1,1,2-Trichloro-1,2,2-Trifluoroethane	50	56		1	111	70-130	01/29/2015 0942
1,2,4-Trichlorobenzene	50	46		1	92	70-130	01/29/2015 0942
1,1,2-Trichloroethane	50	47		1	95	70-130	01/29/2015 0942
1,1,1-Trichloroethane	50	47		1	94	70-130	01/29/2015 0942

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the PQL

J = Estimated result < PQL and ≥ MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

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Volatile Organic Compounds by GC/MS - LCS

Sample ID: QQ66429-002

Batch: 66429

Matrix: Aqueous

Prep Method: 5030B

Analytical Method: 8260B

Parameter	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Trichloroethene	50	46		1	92	70-130	01/29/2015 0942
Trichlorofluoromethane	50	58		1	116	60-140	01/29/2015 0942
Vinyl chloride	50	60		1	120	60-140	01/29/2015 0942
Xylenes (total)	100	91		1	91	70-130	01/29/2015 0942
Surrogate	Q	% Rec	Acceptance Limit				
Bromofluorobenzene		102	70-130				
1,2-Dichloroethane-d4		102	70-130				
Toluene-d8		107	70-130				

PQL = Practical quantitation limit

ND = Not detected at or above the PQL

P = The RPD between two GC columns exceeds 40%

J = Estimated result < PQL and ≥ MDL

N = Recovery is out of criteria

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

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Volatile Organic Compounds by GC/MS - MB

Sample ID: QQ66430-001

Batch: 66430

Matrix: Aqueous

Prep Method: 5030B

Analytical Method: 8260B

Parameter	Result	Q	Dil	PQL	Units	Analysis Date
Acetone	ND		1	10	ug/L	01/29/2015 1103
Benzene	ND		1	0.50	ug/L	01/29/2015 1103
Bromodichloromethane	ND		1	0.50	ug/L	01/29/2015 1103
Bromoform	ND		1	0.50	ug/L	01/29/2015 1103
Bromomethane (Methyl bromide)	ND		1	0.50	ug/L	01/29/2015 1103
2-Butanone (MEK)	ND		1	10	ug/L	01/29/2015 1103
Carbon disulfide	ND		1	0.50	ug/L	01/29/2015 1103
Carbon tetrachloride	ND		1	0.50	ug/L	01/29/2015 1103
Chlorobenzene	ND		1	0.50	ug/L	01/29/2015 1103
Chloroethane	ND		1	0.50	ug/L	01/29/2015 1103
Chloroform	ND		1	0.50	ug/L	01/29/2015 1103
Chloromethane (Methyl chloride)	ND		1	0.50	ug/L	01/29/2015 1103
Cyclohexane	ND		1	0.50	ug/L	01/29/2015 1103
1,2-Dibromo-3-chloropropane (DBCP)	ND		1	0.50	ug/L	01/29/2015 1103
Dibromochloromethane	ND		1	0.50	ug/L	01/29/2015 1103
1,2-Dibromoethane (EDB)	ND		1	0.50	ug/L	01/29/2015 1103
1,4-Dichlorobenzene	ND		1	0.50	ug/L	01/29/2015 1103
1,3-Dichlorobenzene	ND		1	0.50	ug/L	01/29/2015 1103
1,2-Dichlorobenzene	ND		1	0.50	ug/L	01/29/2015 1103
Dichlorodifluoromethane	ND		1	0.50	ug/L	01/29/2015 1103
1,2-Dichloroethane	ND		1	0.50	ug/L	01/29/2015 1103
1,1-Dichloroethane	ND		1	0.50	ug/L	01/29/2015 1103
cis-1,2-Dichloroethene	ND		1	0.50	ug/L	01/29/2015 1103
trans-1,2-Dichloroethene	ND		1	0.50	ug/L	01/29/2015 1103
1,1-Dichloroethene	ND		1	0.50	ug/L	01/29/2015 1103
1,2-Dichloropropane	ND		1	0.50	ug/L	01/29/2015 1103
trans-1,3-Dichloropropene	ND		1	0.50	ug/L	01/29/2015 1103
cis-1,3-Dichloropropene	ND		1	0.50	ug/L	01/29/2015 1103
Ethylbenzene	ND		1	0.50	ug/L	01/29/2015 1103
2-Hexanone	ND		1	10	ug/L	01/29/2015 1103
Isopropylbenzene	ND		1	0.50	ug/L	01/29/2015 1103
Methyl acetate	ND		1	1.0	ug/L	01/29/2015 1103
Methyl tertiary butyl ether (MTBE)	ND		1	0.50	ug/L	01/29/2015 1103
4-Methyl-2-pentanone	ND		1	10	ug/L	01/29/2015 1103
Methylcyclohexane	ND		1	5.0	ug/L	01/29/2015 1103
Methylene chloride	ND		1	0.50	ug/L	01/29/2015 1103
Styrene	ND		1	0.50	ug/L	01/29/2015 1103
1,1,2,2-Tetrachloroethane	ND		1	0.50	ug/L	01/29/2015 1103
Tetrachloroethene	ND		1	0.50	ug/L	01/29/2015 1103
Toluene	ND		1	0.50	ug/L	01/29/2015 1103
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		1	0.50	ug/L	01/29/2015 1103
1,2,4-Trichlorobenzene	ND		1	0.50	ug/L	01/29/2015 1103
1,1,2-Trichloroethane	ND		1	0.50	ug/L	01/29/2015 1103
1,1,1-Trichloroethane	ND		1	0.50	ug/L	01/29/2015 1103

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the PQL

J = Estimated result < PQL and ≥ MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

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Volatile Organic Compounds by GC/MS - MB

Sample ID: QQ66430-001

Batch: 66430

Matrix: Aqueous

Prep Method: 5030B

Analytical Method: 8260B

Parameter	Result	Q	Dil	PQL	Units	Analysis Date
Trichloroethene	ND		1	0.50	ug/L	01/29/2015 1103
Trichlorofluoromethane	ND		1	0.50	ug/L	01/29/2015 1103
Vinyl chloride	ND		1	0.50	ug/L	01/29/2015 1103
Xylenes (total)	ND		1	0.50	ug/L	01/29/2015 1103
Surrogate	Q	% Rec	Acceptance Limit			
Bromofluorobenzene		105	70-130			
1,2-Dichloroethane-d4		102	70-130			
Toluene-d8		106	70-130			

PQL = Practical quantitation limit

ND = Not detected at or above the PQL

P = The RPD between two GC columns exceeds 40%

J = Estimated result < PQL and ≥ MDL

N = Recovery is out of criteria

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - LCS

Sample ID: QQ66430-002

Batch: 66430

Matrix: Aqueous

Prep Method: 5030B

Analytical Method: 8260B

Parameter	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Acetone	100	90		1	90	60-140	01/29/2015 0957
Benzene	50	48		1	95	70-130	01/29/2015 0957
Bromodichloromethane	50	50		1	100	70-130	01/29/2015 0957
Bromoform	50	51		1	103	70-130	01/29/2015 0957
Bromomethane (Methyl bromide)	50	64		1	128	60-140	01/29/2015 0957
2-Butanone (MEK)	100	100		1	101	60-140	01/29/2015 0957
Carbon disulfide	50	42		1	84	60-140	01/29/2015 0957
Carbon tetrachloride	50	52		1	104	70-130	01/29/2015 0957
Chlorobenzene	50	49		1	97	70-130	01/29/2015 0957
Chloroethane	50	59		1	118	42-163	01/29/2015 0957
Chloroform	50	48		1	95	70-130	01/29/2015 0957
Chloromethane (Methyl chloride)	50	60		1	121	20-158	01/29/2015 0957
Cyclohexane	50	51		1	102	70-130	01/29/2015 0957
1,2-Dibromo-3-chloropropane (DBCP)	50	48		1	96	70-130	01/29/2015 0957
Dibromochloromethane	50	50		1	100	70-130	01/29/2015 0957
1,2-Dibromoethane (EDB)	50	48		1	95	70-130	01/29/2015 0957
1,4-Dichlorobenzene	50	47		1	95	70-130	01/29/2015 0957
1,3-Dichlorobenzene	50	47		1	95	70-130	01/29/2015 0957
1,2-Dichlorobenzene	50	47		1	93	70-130	01/29/2015 0957
Dichlorodifluoromethane	50	65		1	131	60-140	01/29/2015 0957
1,2-Dichloroethane	50	49		1	97	70-130	01/29/2015 0957
1,1-Dichloroethane	50	48		1	96	70-130	01/29/2015 0957
cis-1,2-Dichloroethene	50	49		1	98	70-130	01/29/2015 0957
trans-1,2-Dichloroethene	50	48		1	97	70-130	01/29/2015 0957
1,1-Dichloroethene	50	48		1	95	70-130	01/29/2015 0957
1,2-Dichloropropane	50	51		1	102	70-130	01/29/2015 0957
trans-1,3-Dichloropropene	50	49		1	98	70-130	01/29/2015 0957
cis-1,3-Dichloropropene	50	51		1	101	70-130	01/29/2015 0957
Ethylbenzene	50	48		1	96	70-130	01/29/2015 0957
2-Hexanone	100	97		1	97	60-140	01/29/2015 0957
Isopropylbenzene	50	50		1	99	70-130	01/29/2015 0957
Methyl acetate	50	47		1	94	60-140	01/29/2015 0957
Methyl tertiary butyl ether (MTBE)	50	48		1	96	70-130	01/29/2015 0957
4-Methyl-2-pentanone	100	97		1	97	60-140	01/29/2015 0957
Methylcyclohexane	50	51		1	101	70-130	01/29/2015 0957
Methylene chloride	50	47		1	94	70-130	01/29/2015 0957
Styrene	50	49		1	97	70-130	01/29/2015 0957
1,1,2,2-Tetrachloroethane	50	49		1	99	70-130	01/29/2015 0957
Tetrachloroethene	50	47		1	94	70-130	01/29/2015 0957
Toluene	50	48		1	96	70-130	01/29/2015 0957
1,1,2-Trichloro-1,2,2-Trifluoroethane	50	56		1	112	70-130	01/29/2015 0957
1,2,4-Trichlorobenzene	50	47		1	95	70-130	01/29/2015 0957
1,1,2-Trichloroethane	50	46		1	93	70-130	01/29/2015 0957
1,1,1-Trichloroethane	50	49		1	97	70-130	01/29/2015 0957

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the PQL

J = Estimated result < PQL and ≥ MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

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Level 1 Report v2.1

Volatile Organic Compounds by GC/MS - LCS

Sample ID: QQ66430-002

Batch: 66430

Matrix: Aqueous

Prep Method: 5030B

Analytical Method: 8260B

Parameter	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Trichloroethene	50	49		1	97	70-130	01/29/2015 0957
Trichlorofluoromethane	50	61		1	123	60-140	01/29/2015 0957
Vinyl chloride	50	61		1	123	60-140	01/29/2015 0957
Xylenes (total)	100	97		1	97	70-130	01/29/2015 0957
Surrogate	Q	% Rec	Acceptance Limit				
Bromofluorobenzene		109	70-130				
1,2-Dichloroethane-d4		104	70-130				
Toluene-d8		109	70-130				

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the PQL

J = Estimated result < PQL and \geq MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

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Volatile Organic Compounds by GC/MS - Duplicate

Sample ID: QA23064-003DU

Batch: 66430

Matrix: Aqueous

Prep Method: 5030B

Analytical Method: 8260B

Parameter	Sample Amount (ug/L)	Result (ug/L)	Q	Dil	% RPD	% RPD Limit	Analysis Date
Acetone	ND	ND		1	0.00	20	01/29/2015 1828
Benzene	ND	ND		1	0.00	20	01/29/2015 1828
Bromodichloromethane	ND	ND		1	0.00	20	01/29/2015 1828
Bromoform	ND	ND		1	0.00	20	01/29/2015 1828
Bromomethane (Methyl bromide)	ND	ND		1	0.00	20	01/29/2015 1828
2-Butanone (MEK)	ND	ND		1	0.00	20	01/29/2015 1828
Carbon disulfide	ND	ND		1	0.00	20	01/29/2015 1828
Carbon tetrachloride	ND	ND		1	0.00	20	01/29/2015 1828
Chlorobenzene	ND	ND		1	0.00	20	01/29/2015 1828
Chloroethane	ND	ND		1	0.00	20	01/29/2015 1828
Chloroform	ND	ND		1	0.00	20	01/29/2015 1828
Chloromethane (Methyl chloride)	ND	ND		1	0.00	20	01/29/2015 1828
Cyclohexane	ND	ND		1	0.00	20	01/29/2015 1828
1,2-Dibromo-3-chloropropane (DBCP)	ND	ND		1	0.00	20	01/29/2015 1828
Dibromochloromethane	ND	ND		1	0.00	20	01/29/2015 1828
1,2-Dibromoethane (EDB)	ND	ND		1	0.00	20	01/29/2015 1828
1,2-Dichlorobenzene	ND	ND		1	0.00	20	01/29/2015 1828
1,3-Dichlorobenzene	ND	ND		1	0.00	20	01/29/2015 1828
1,4-Dichlorobenzene	ND	ND		1	0.00	20	01/29/2015 1828
Dichlorodifluoromethane	ND	ND		1	0.00	20	01/29/2015 1828
1,1-Dichloroethane	ND	ND		1	0.00	20	01/29/2015 1828
1,2-Dichloroethane	ND	ND		1	0.00	20	01/29/2015 1828
1,1-Dichloroethene	ND	ND		1	0.00	20	01/29/2015 1828
cis-1,2-Dichloroethene	ND	ND		1	0.00	20	01/29/2015 1828
trans-1,2-Dichloroethene	ND	ND		1	0.00	20	01/29/2015 1828
1,2-Dichloropropane	ND	ND		1	0.00	20	01/29/2015 1828
cis-1,3-Dichloropropene	ND	ND		1	0.00	20	01/29/2015 1828
trans-1,3-Dichloropropene	ND	ND		1	0.00	20	01/29/2015 1828
Ethylbenzene	ND	ND		1	0.00	20	01/29/2015 1828
2-Hexanone	ND	ND		1	0.00	20	01/29/2015 1828
Isopropylbenzene	ND	ND		1	0.00	20	01/29/2015 1828
Methyl acetate	ND	ND		1	0.00	20	01/29/2015 1828
Methyl tertiary butyl ether (MTBE)	0.71	0.71		1	0.14	20	01/29/2015 1828
4-Methyl-2-pentanone	ND	ND		1	0.00	20	01/29/2015 1828
Methylcyclohexane	ND	ND		1	0.00	20	01/29/2015 1828
Methylene chloride	ND	ND		1	0.00	20	01/29/2015 1828
Styrene	ND	ND		1	0.00	20	01/29/2015 1828
1,1,2,2-Tetrachloroethane	ND	ND		1	0.00	20	01/29/2015 1828
Tetrachloroethene	ND	ND		1	0.00	20	01/29/2015 1828
Toluene	ND	ND		1	0.00	20	01/29/2015 1828
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	ND		1	0.00	20	01/29/2015 1828
1,2,4-Trichlorobenzene	ND	ND		1	0.00	20	01/29/2015 1828
1,1,1-Trichloroethane	ND	ND		1	0.00	20	01/29/2015 1828
1,1,2-Trichloroethane	ND	ND		1	0.00	20	01/29/2015 1828

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the PQL

J = Estimated result < PQL and ≥ MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

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Volatile Organic Compounds by GC/MS - Duplicate

Sample ID: QA23064-003DU

Matrix: Aqueous

Batch: 66430

Prep Method: 5030B

Analytical Method: 8260B

Parameter	Sample Amount (ug/L)	Result (ug/L)	Q	Dil	% RPD	% RPD Limit	Analysis Date
Trichloroethene	ND	ND		1	0.00	20	01/29/2015 1828
Trichlorofluoromethane	ND	ND		1	0.00	20	01/29/2015 1828
Vinyl chloride	ND	ND		1	0.00	20	01/29/2015 1828
Xylenes (total)	ND	ND		1	0.00	20	01/29/2015 1828
Surrogate	Q	% Rec	Acceptance Limit				
1,2-Dichloroethane-d4		103	70-130				
Bromofluorobenzene		107	70-130				
Toluene-d8		104	70-130				

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the PQL

J = Estimated result < PQL and \geq MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

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Volatile Organic Compounds by GC/MS - MS

Sample ID: QA23064-004MS

Matrix: Aqueous

Batch: 66430

Prep Method: 5030B

Analytical Method: 8260B

Parameter	Sample Amount (ug/L)	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Acetone	ND	100	82		1	82	60-140	01/29/2015 1900
Benzene	ND	50	49		1	97	70-130	01/29/2015 1900
Bromodichloromethane	ND	50	48		1	96	70-130	01/29/2015 1900
Bromoform	ND	50	48		1	97	70-130	01/29/2015 1900
Bromomethane (Methyl bromide)	ND	50	61		1	122	60-140	01/29/2015 1900
2-Butanone (MEK)	ND	100	93		1	93	60-140	01/29/2015 1900
Carbon disulfide	ND	50	44		1	88	60-140	01/29/2015 1900
Carbon tetrachloride	ND	50	54		1	108	70-130	01/29/2015 1900
Chlorobenzene	ND	50	48		1	97	70-130	01/29/2015 1900
Chloroethane	ND	50	58		1	117	42-163	01/29/2015 1900
Chloroform	ND	50	49		1	98	70-130	01/29/2015 1900
Chloromethane (Methyl chloride)	ND	50	57		1	114	20-158	01/29/2015 1900
Cyclohexane	ND	50	50		1	100	70-130	01/29/2015 1900
1,2-Dibromo-3-chloropropane (DBCP)	ND	50	47		1	93	70-130	01/29/2015 1900
Dibromochloromethane	ND	50	48		1	97	70-130	01/29/2015 1900
1,2-Dibromoethane (EDB)	ND	50	46		1	93	70-130	01/29/2015 1900
1,2-Dichlorobenzene	ND	50	47		1	93	70-130	01/29/2015 1900
1,3-Dichlorobenzene	ND	50	48		1	95	70-130	01/29/2015 1900
1,4-Dichlorobenzene	ND	50	48		1	95	70-130	01/29/2015 1900
Dichlorodifluoromethane	ND	50	64		1	127	60-140	01/29/2015 1900
1,1-Dichloroethane	ND	50	48		1	97	70-130	01/29/2015 1900
1,2-Dichloroethane	ND	50	49		1	98	70-130	01/29/2015 1900
1,1-Dichloroethene	ND	50	50		1	99	70-130	01/29/2015 1900
cis-1,2-Dichloroethene	ND	50	49		1	98	70-130	01/29/2015 1900
trans-1,2-Dichloroethene	ND	50	50		1	100	70-130	01/29/2015 1900
1,2-Dichloropropane	ND	50	51		1	102	70-130	01/29/2015 1900
cis-1,3-Dichloropropene	ND	50	48		1	96	70-130	01/29/2015 1900
trans-1,3-Dichloropropene	ND	50	47		1	93	70-130	01/29/2015 1900
Ethylbenzene	ND	50	48		1	96	70-130	01/29/2015 1900
2-Hexanone	ND	100	91		1	91	60-140	01/29/2015 1900
Isopropylbenzene	ND	50	51		1	102	70-130	01/29/2015 1900
Methyl acetate	ND	50	39		1	78	15-128	01/29/2015 1900
Methyl tertiary butyl ether (MTBE)	ND	50	47		1	94	70-130	01/29/2015 1900
4-Methyl-2-pentanone	ND	100	95		1	95	60-140	01/29/2015 1900
Methylcyclohexane	ND	50	53		1	105	70-130	01/29/2015 1900
Methylene chloride	ND	50	46		1	92	70-130	01/29/2015 1900
Styrene	ND	50	49		1	97	70-130	01/29/2015 1900
1,1,2,2-Tetrachloroethane	ND	50	50		1	100	70-130	01/29/2015 1900
Tetrachloroethene	ND	50	48		1	97	70-130	01/29/2015 1900
Toluene	ND	50	47		1	94	70-130	01/29/2015 1900
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	50	57		1	114	70-130	01/29/2015 1900
1,2,4-Trichlorobenzene	ND	50	47		1	95	70-130	01/29/2015 1900
1,1,1-Trichloroethane	ND	50	50		1	101	70-130	01/29/2015 1900
1,1,2-Trichloroethane	ND	50	47		1	94	70-130	01/29/2015 1900

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the PQL

J = Estimated result < PQL and ≥ MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

Volatile Organic Compounds by GC/MS - MS

Sample ID: QA23064-004MS

Matrix: Aqueous

Batch: 66430

Prep Method: 5030B

Analytical Method: 8260B

Parameter	Sample Amount (ug/L)	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Trichloroethene	ND	50	49		1	98	70-130	01/29/2015 1900
Trichlorofluoromethane	ND	50	61		1	122	60-140	01/29/2015 1900
Vinyl chloride	ND	50	61		1	121	60-140	01/29/2015 1900
Xylenes (total)	ND	100	98		1	98	70-130	01/29/2015 1900
Surrogate	Q	% Rec	Acceptance Limit					
1,2-Dichloroethane-d4		105	70-130					
Bromofluorobenzene		109	70-130					
Toluene-d8		110	70-130					

PQL = Practical quantitation limit

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

ND = Not detected at or above the PQL

J = Estimated result < PQL and \geq MDL

+ = RPD is out of criteria

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

Note: Calculations are performed before rounding to avoid round-off errors in calculated results

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SHEALY ENVIRONMENTAL SERVICES, INC.



Chain of Custody Record

Shealy Environmental Services, Inc.
 106 Vantage Point Drive
 West Columbia, South Carolina 29172
 Telephone No. (803) 791-9700 Fax No. (803) 791-9111
 www.shealylab.com

Number 25670

Client Mc DEANE - DWM	Report to Contact VINCE ANTRILLI	Sampler (Printed Name) LUTTY ELLIOTT	Quote No.
Address 217 W JONES ST		Waybill No.	
City SALEM	State NC	Zip Code 27603	Page 1 of 1
Project Name WALNUT COVE TIME CONCRETE	Preservative 1. Unpres. 2. NAOH 3. HCL 4. HNO3 5. H2O2 6. Na THO.	Number of Containers Bottle (See Instructions on back)	
Project Number NWHD 000 2672	P.O. Number	Preservative WALNUT COVE QA23064	
Sample ID / Description (Containers for each sample may be combined on one line)	Date	Time	
TRIP PLANK	1/2/06		
1643 STONES BULK		1007	
1643 STONES BULK - B		1030	
1145 SPENCER		1057	
1060 SPENCER		1120	
1334 45311		1147	
1340 115311		1210	
1766 STONES BULK		1240	
1271 45311		1756	
1587 HIPS DALE		1410	

Turn/Receipt Time Required (Prior lab approval required by expedited TXI) <input type="checkbox"/> Standard <input type="checkbox"/> Rush (Please Specify)	Sample Disposal <input type="checkbox"/> Return to Client <input type="checkbox"/> Disposal by Lab	Possible Hazard Identification <input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison <input type="checkbox"/> Unknown
1. Relinquished by / Sampler OTaylor Wade Kelly	Date 1/22/06	Time 1630
2. Relinquished by	Date	Time
3. Relinquished by	Date	Time
4. Relinquished by FedEx	Date 1/23/06	Time 0950

LAB USE ONLY Received on box (Check) <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> In Pack	Receipt Temp 4.1 °C	Temp Blank <input type="checkbox"/> Y / <input type="checkbox"/> N
Notes: All samples are retained for six weeks from receipt unless other arrangements are made.		

SHEALY ENVIRONMENTAL SERVICES, INC.

Shealy Environmental Services, Inc.
Document Number: F-AD-016
Revision Number: 16

Page 1 of 1
Replaces Date: 07/15/14
Effective Date: 11/07/14

Sample Receipt Checklist (SRC)

Client: NC DENR Cooler Inspected by/date: MMN/01/23/15 Lot #: 0923067

Means of receipt: <input type="checkbox"/> SESI <input type="checkbox"/> Client <input type="checkbox"/> UPS <input checked="" type="checkbox"/> FedEx <input type="checkbox"/> Airborne Exp <input type="checkbox"/> Other		
Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	1. Were custody seals present on the cooler?
Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	2. If custody seals were present, were they intact and unbroken?
Cooler ID/Original temperature upon receipt/Derived (corrected) temperature upon receipt: <u>1234</u> °C / / °C / / °C / / °C		
Method: <input checked="" type="checkbox"/> Temperature Blank <input type="checkbox"/> Against Bottles IR Gun ID: #4 IR Gun Correction Factor: <u>0.1</u> °C		
Method of coolant: <input checked="" type="checkbox"/> Wet Ice <input type="checkbox"/> Blue Ice <input type="checkbox"/> Dry Ice <input type="checkbox"/> None		
Yes <input type="checkbox"/>	No <input type="checkbox"/>	3. If temperature of any cooler exceeded 6.0°C, was Project Manager notified? PM notified by SRC, phone, note (circle one), other: _____ (For coolers received via commercial courier, PMs are to be notified immediately.)
Yes <input type="checkbox"/>	No <input type="checkbox"/>	4. Is the commercial courier's packing slip attached to this form?
Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	5. Were proper custody procedures (relinquished/received) followed?
Yes <input type="checkbox"/>	No <input type="checkbox"/>	5a. Were samples relinquished by client to commercial courier?
Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	6. Were sample IDs listed on the COC?
Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	7. Were sample IDs listed on all sample containers?
Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	8. Was collection date & time listed on the COC?
Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	9. Was collection date & time listed on all sample containers?
Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	10. Did all container label information (ID, date, time) agree with the COC?
Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	11. Were tests to be performed listed on the COC?
Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	12. Did all samples arrive in the proper containers for each test?
Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	13. Did all containers arrive in good condition (unbroken, lids on, etc.)?
Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	14. Was adequate sample volume available?
Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	15. Were all samples received within 1/2 the holding time or 48 hours, whichever comes first?
Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	16. Were any samples containers missing?
Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	17. Were there any excess samples not listed on COC?
Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	18. Were bubbles present >"pea-size" (1/4" or 6mm in diameter) in any VOA vials?
Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	19. Were all metals/O&G/HEM/nutrient samples received at a pH of <2?
Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	20. Were all cyanide and/or sulfide samples received at a pH >12?
Yes <input type="checkbox"/>	No <input type="checkbox"/>	21. Were all applicable NH3/TKN/cyanide/phenol (<0.2mg/L) samples free of residual chlorine?
Yes <input type="checkbox"/>	No <input type="checkbox"/>	22. Were collection temperatures documented on the COC for NC samples?
Yes <input type="checkbox"/>	No <input type="checkbox"/>	23. Were client remarks/requests (i.e. requested dilutions, MS/MSD designations, etc...) correctly transcribed from the COC into the comment section in LIMS?
Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	24. Was the quote number used taken from the container label?
Sample Preservation (Must be completed for any sample(s) incorrectly preserved or with headspace.)		
Sample(s) _____ were received incorrectly preserved and were adjusted accordingly in sample receiving with _____ (H ₂ SO ₄ , HNO ₃ , HCl, NaOH) using SR # _____		
Sample(s) _____ were received with bubbles >6 mm in diameter.		
Sample(s) _____ were received with TRC >0.2 mg/L (If #21 is No)		
SC Drinking Water Project Sample(s) pH verified to be > 2 by _____ Date: _____		
Sample(s) _____ were not received at a pH of <2 and were adjusted accordingly using SR# _____		
Sample labels applied by: <u>MMN</u> Verified by: _____ Date: <u>1/23/15</u>		

Comments:

Walnut Cove Tire Ctr, Stokes County Addresses (NONCD0002872)

Well Address	Parcel ID#	Owner / Mailing Address	Phone # / email	Sampling Permission
1200 US 311 Hwy S	6961-05-29-2496	Michael D Wood 1200 US 311 Hwy S Walnut Cove, NC 27052	left message	No Response
1212 US 311 Hwy S	6961-05-29-2393	Crystal Lambert 1212 US Hwy 311 S Walnut Cove, NC 27052	out of service	No Response
1224 US 311 Hwy S	6961-05-29-1274	Donald and Eileene Brown DBA Eileene's Beauty Shop 1224 S US 311 Hwy Walnut Cove, NC 27052	left message	No Response
1232 US 311 Hwy S	6961-05-29-1174	Donald and Eileene Brown 1232 US Hwy 311 S Walnut Cove, NC 27052	left message	No Response
off US 311 HWY 1232	6961-05-29-0148	Donald and Eileene Brown 1232 US Hwy 311 S Walnut Cove, NC 27052	left message	No Response
1244 US 311 Hwy S	6961-05-28-1960	Pauline Bullins c/o Allison Fulp Walnut Cove, NC 27052	tax site doesn't give mailing address sent to Eileen Brown	No Response
off US 311 Hwy 1244	6961-05-29-0034	Pauline Bullins c/o Eileene Brown 1232 US Hwy 311 S Walnut Cove, NC 27052	left message	No Response
1254 US 311 Hwy S	6961-05-28-1624	Pauline Bullins c/o Eileene Brown 1232 US Hwy 311 S Walnut Cove, NC 27052	left message	No Response
1292 US 311 Hwy S	6961-05-28-0497	James Jr and Patricia Williams 2319 Duggins Road Madison, NC 27025	left message	No Response
1298 and 1306 US 311 Hwy	6961-05-28-0383	Johnny Ray Williams 1306 US 311 HWY S Walnut Cove, NC 27052	left message	No Response
1318 US 311 Hwy S	6961-05-28-0167	Johnny Ray Williams 1306 US 311 HWY S Walnut Cove, NC 27052	left message	No Response
1334 US 311 Hwy S	6961-05-28-0053	Sherrill Lee Jr and Patricia Harbin PO Box 156 Germanton, NC 27019		Yes, phone

✓ 1346 US 311 Hwy S	6961-05-27-0952	Dorothy Dunlap 1346 US Hwy 311 S Walnut Cove, NC 27052		Yes, phone
1356 US 311 Hwy S	6961-05-27-0729	Charles Venable 1356 311 HWY S Walnut Cove, NC 27052	disconnected	No Response
1323 US 311 Hwy S	6961-05-28-3126	Johnny Ray Williams 1306 US 311 HWY S Walnut Cove, NC 27052		No Response
1293 US 311 Hwy S	6961-05-28-3496	Hunter and Cynthia Williard 3299 Presley Drive Winston-Salem, NC 27107		No, phone
✓ 1271 US 311 Hwy S	6961-05-28-4642	D Gray and Hunter Williard 1271 US HWY 311 S Walnut Cove, NC 27052		Yes, in Field
1273 US 311 Hwy S				
1257 US 311 Hwy S	6961-05-28-4831	Alvin and Freddie Neal 1257 US HWY 311 S Walnut Cove, NC 27052		No Response
1015 Poplar Hollow	6961-01-38-2826	Eva Nelson 1145 Spencer Orchard Road Walnut Cove, NC 27052		
✓ 1145 Spencer Orchard Road	"	Eva Nelson 1145 Spencer Orchard Road Walnut Cove, NC 27052		Yes, email
✓ 1587 Hinsdale Road	6961-05-18-7309	Jason and Gayle Horrell 1587 Hinsdale Road Walnut Cove, NC 27052		Yes, phone
✓ 1058 Spencer Orchard Road	6961-01-37-0830	Laura Jean Ward 1058 Spencer Orchard Road Walnut Cove, NC 27052		Connected to mother's well at 1060 Spencer Orchard Rd
✓ 1060 Spencer Orchard Road	6961-01-27-9902	Florence Baines 1060 Spencer Orchard Road Walnut Cove, NC 27052		Yes, phone
1080 Spencer Orchard Road	6961-01-38-0059	Randolph III and Marsha Agee 1080 Spencer Orchard Road Walnut Cove, NC 27052	no listing	No Response
1115 Spencer Orchard Road	6961-01-28-9590	Ronald and Sheila Morris 1115 Spencer Orchard Road Walnut Cove, NC 27052		No, phone

1120 Spencer Orchard Road	6961-01-38-2420	Savannah Smith 210 Rhyme Ave Winston-Salem, NC 27107	left message	No Response
1130 & 1140 Spencer Orchard	6961-01-38-3590	Clarence and Rosanelle Kiger PO Box 81 Rural Hall, NC 27045	no listing	No Response
1135 Spencer Orchard Road	6961-01-38-1642	Jackie Dean and Dana Bullins Nelson 1135 Spencer Orchard Road Walnut Cove, NC 27052	no listing	No Response
1065 Spencer Orchard Road	6961-01-28-6031	Alvin and Freddie Neal 1257 US HWY 311 S Walnut Cove, NC 27052		No Response
1085 Spencer Orchard Road	6961-01-28-7205	John Ray and Marilyn Parsons PO Box 493 Walnut Cove, NC 27052	disconnected	No Response
1692 Stokesburg Road	6961-01-28-5960	Lisa Frances Dehart 1945 Sussex Lane Winston-Salem, NC 27104	vacant	No Response
1678 Stokesburg Road	6961-01-29-5054	Victoria and Coy Whicker 1678 Stokesburg Road Walnut Cove, NC 27052	no listing	No Response
1668 Stokesburg Road	6961-01-29-6388	Walnut Cove Fuel Supply Inc. c/o R T Vernon Walnut Cove, NC 27052	vacant	No Response
1643 Stokesburg Road	6961-01-29-9256	Kathryn Morrow 1643 Stokesburg Rd Walnut Cove, NC 27052		Yes, phone (2 wells)
1679 Stokesburg Road	6961-01-28-7539	Alvin and Freddie Neal 1257 US HWY 311 S Walnut Cove, NC 27052		No Response
1768 Stokesburg Road	6961-05-28-3365	Hunter and Cynthia Williard 1785 Old 65 Road Walnut Cove, NC 27052		Yes, phone
1702 and 1698 Stokesburg R	6961-01-28-5749	Kristie Neal 1257 NC 311 HWY S Walnut Cove, NC 27052		No Response
1679 Stokesburg Road	6961-01-28-9856	Jackie Dean 1135 Spencer Orchard Road Walnut Cove, NC 27052	vacant	No Response

C
ND

C



North Carolina Department of Environment and Natural Resources
Division of Waste Management

MEMORANDUM

Date: January 23, 2015

To: File

From: Vince Antrilli
Raleigh Regional Office
Inactive Hazardous Sites Branch

Re: Walnut Cove Tire Ctr – Sampling Trip Summary
NONCD0002872

-
- Wade Kirby & Bobby Lutfy visited the site on January 22, 2015 to perform well sampling in the area. They sampled the addresses list below:
 - 1643 Stokesburg Rd
 - 1643 Stokesburg Rd – B
 - 1145 Spencer Orchard Rd
 - 1060 Spencer Orchard Rd
 - 1334 US 311 Hwy S
 - 1346 US 311 Hwy S
 - 1768 Stokesburg Rd
 - 1271 US 311 Hwy S
 - 1587 Hinsdale Rd
 - No other residents in the area responded to sample request letters, were not available by phone and were not home during the time that we were on site to sample.
 - The samples collected were sent to Shealy Lab on January 22, 2015.

Well Log Sheet

Site Name: Walnut Cove Tire Center
 Site Id #: NONCD 000 2872
 Owner Name: Kathryn Morrow
 Well Address: 1643 Stokesburg Road
 Well ID #: 1643 Stokesburg-

Weather

Temp: upper 30s

Wind: H. breeze

Percip: ptly cloudy

Date: 1-22-15

Sample Team: Kirby + Luffy

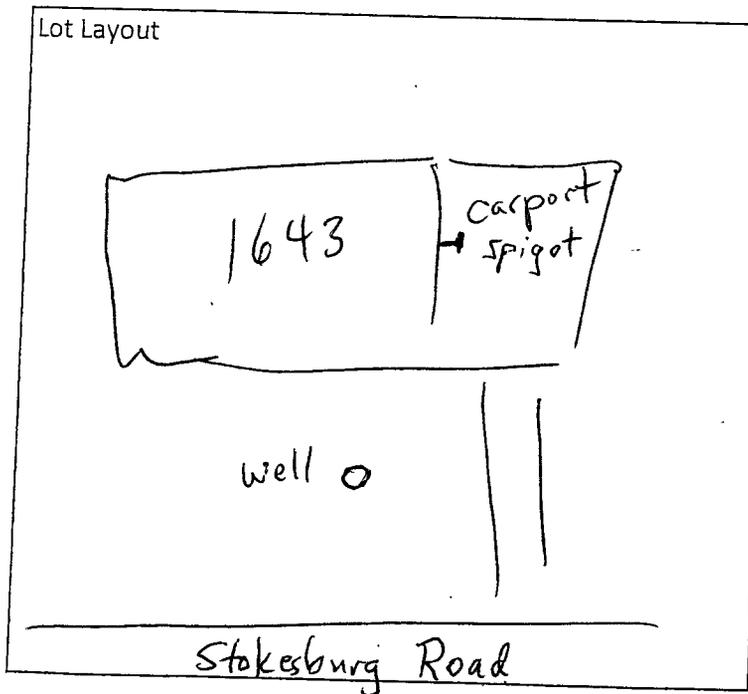
Coordinates: _____ N
 _____ E

Comments (well construction, etc.) Sample spigot in carport

Time Interval	5 Min	10 Min	15 Min	20 Min	25 Min
Temp (°C)	<u>15.5</u>	<u>15.3</u>	<u>15.2</u>	_____	_____
pH	<u>5.79</u>	<u>5.80</u>	<u>5.80</u>	_____	_____
S.C.	<u>142.9</u>	<u>143.1</u>	<u>142.8</u>	_____	_____
Turbidity	_____	_____	_____	_____	_____

Time Sample Collected: 10:07

Water Condition (turbidity, color, odor): clear



Samples Collected:

- VOCs (3 - 40ml vials)
- 1,4 Dioxane (3 - 40ml vials)
- SVOCs/PCBs (1 - 2L Amber bottle)
- Metals (1 - 1L HDPE bottle)
- Dioxin (1 - 1L bottle)
- Pest./Herb. (1 - 2L Amber bottle)

Comments: man on phone -

pointed to spigot in carport.
Later he pointed out the other
well serving the other house.

Well Log Sheet

Site Name: Walnut Cove Tire Center
 Site Id #: NONCP 000 2872
 Owner Name: Kathryn Morrow
 Well Address: 1643 Stokesburg Road
 Well ID #: 1643 Stokesburg-B

Weather

Temp: upper 30s
 Wind: lt. breeze
 Percip: ptly cloudy

Date: 1-22-15

Sample Team: Kirby + Luffy

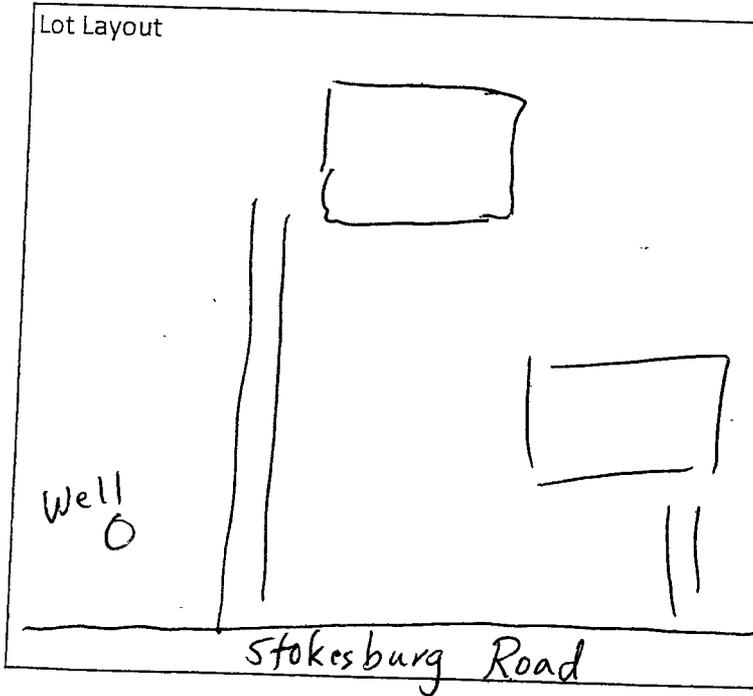
Coordinates: _____ N
 _____ E

Comments (well construction, etc.) sampled spigot at well house

Time Interval	5 Min	10 Min	15 Min	20 Min	25 Min
Temp (°C)	<u>14.7</u>	<u>15.4</u>	<u>15.6</u>	_____	_____
pH	<u>6.50</u>	<u>6.54</u>	<u>6.53</u>	_____	_____
S.C.	<u>192.4</u>	<u>191.6</u>	<u>191.5</u>	_____	_____
Turbidity	_____	_____	_____	_____	_____

Time Sample Collected: 10:30

Water Condition (turbidity, color, odor): v. sltly. turbid



Samples Collected:

- VOCs (3 - 40ml vials)
- 1,4 Dioxane (3 - 40ml vials)
- SVOCs/PCBs (1 - 2L Amber bottle)
- Metals (1 - 1L HDPE bottle)
- Dioxin (1 - 1L bottle)
- Pest./Herb. (1 - 2L Amber bottle)

Comments: Two houses and two wells are on the property

Well Log Sheet

Site Name: Walnut Cove Tire Center
 Site Id #: NONCD 0002872
 Owner Name: Eva Nelson
 Well Address: 1145 Spencer Orchard Rd.
 Well ID #: 1145 Spencer

Weather

Temp: low 40s
 Wind: lt. breeze
 Percip: mostly sunny

Coordinates: _____ N
 _____ E

Date: 1-22-15
 Sample Team: Kirby & Luffy

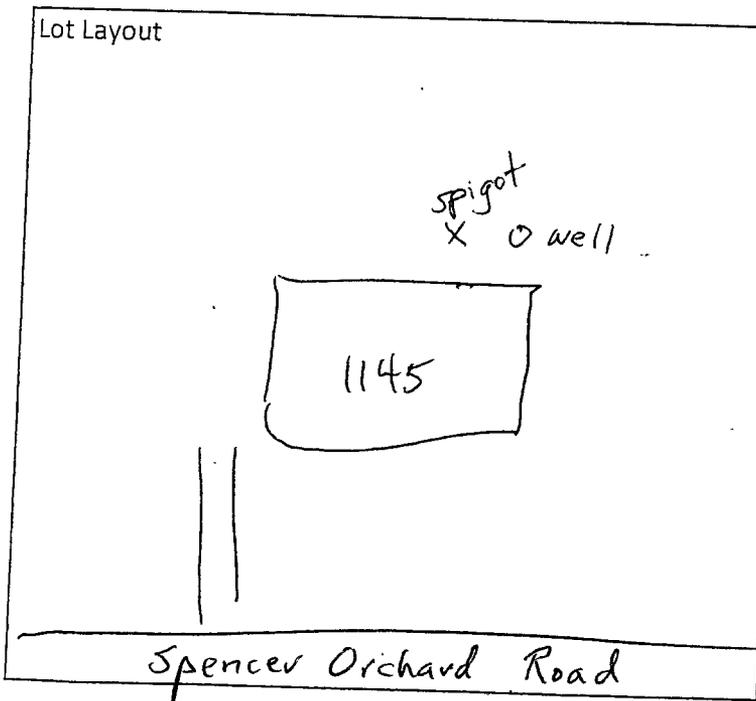
Comments (well construction, etc.) sample spigot near well

Time Interval	5 Min	10 Min	15 Min	20 Min	25 Min
Temp (°C)	<u>11.3</u>	<u>12.1</u>	<u>11.7</u>	_____	_____
pH	<u>5.88</u>	<u>5.96</u>	<u>5.99</u>	_____	_____
S.C.	<u>114.4</u>	<u>113.4</u>	<u>113.6</u>	_____	_____
Turbidity	_____	_____	_____	_____	_____

Time Sample Collected: 10:57

Water Condition (turbidity, color, odor): clear

Lot Layout



Samples Collected:

- VOCs (3 - 40ml vials)
- 1,4 Dioxane (3 - 40ml vials)
- SVOCs/PCBs (1 - 2L Amber bottle)
- Metals (1 - 1L HDPE bottle)
- Dioxin (1 - 1L bottle)
- Pest./Herb. (1 - 2L Amber bottle)

Comments: _____

Well Log Sheet

Site Name: Walnut Cove Tire Center
 Site Id #: NONCD 000 2872
 Owner Name: Florence Barnes
 Well Address: 1060 Spencer Orchard Rd.
 Well ID #: 1060 Spencer

Weather
 Temp: low 40s
 Wind: lt. breeze
 Percip: mostly sunny
 Date: 1-22-15
 Sample Team: Kirby + Luffy

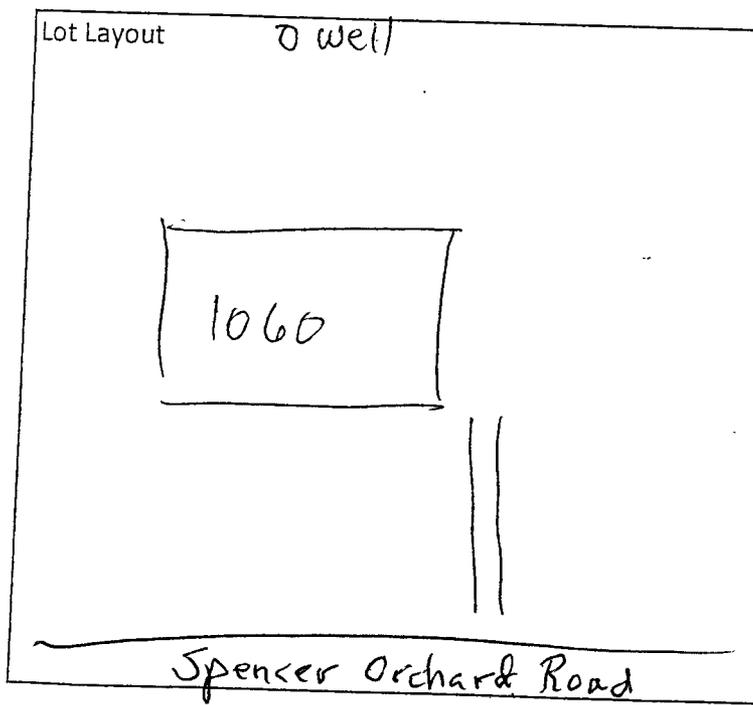
Coordinates: _____ N
 _____ E

Comments (well construction, etc.) sample spigot at well

Time Interval	5 Min	10 Min	15 Min	20 Min	25 Min
Temp (°C)	<u>14.9</u>	<u>15.1</u>	<u>13.7</u>	<u>14.9</u>	_____
pH	<u>6.41</u>	<u>6.38</u>	<u>6.39</u>	<u>6.35</u>	_____
s.c.	<u>120.9</u>	<u>120.9</u>	<u>121.6</u>	<u>121.3</u>	_____
Turbidity	_____	_____	_____	_____	_____

Time Sample Collected: 11:20

Water Condition (turbidity, color, odor): clear



Samples Collected:

- VOCs (3 - 40ml vials)
- 1,4 Dioxane (3 - 40ml vials)
- SVOCs/PCBs (1 - 2L Amber bottle)
- Metals (1 - 1L HDPE bottle)
- Dioxin (1 - 1L bottle)
- Pest./Herb. (1 - 2L Amber bottle)

*
 Comments: Well serves both
1058 and 1060 Spencer Orchard Rd.

Well Log Sheet

Site Name: Walnut Cove Tire Center
 Site Id #: NONCD 0002872
 Owner Name: Sherrill Lee Jr. + Patricia Harbin
 Well Address: 1334 US 311 Hwy S
 Well ID #: 1334 US 311

Weather
 Temp: 40s
 Wind: H. breeze
 Percip: mostly sunny

Coordinates: _____ N
 _____ E

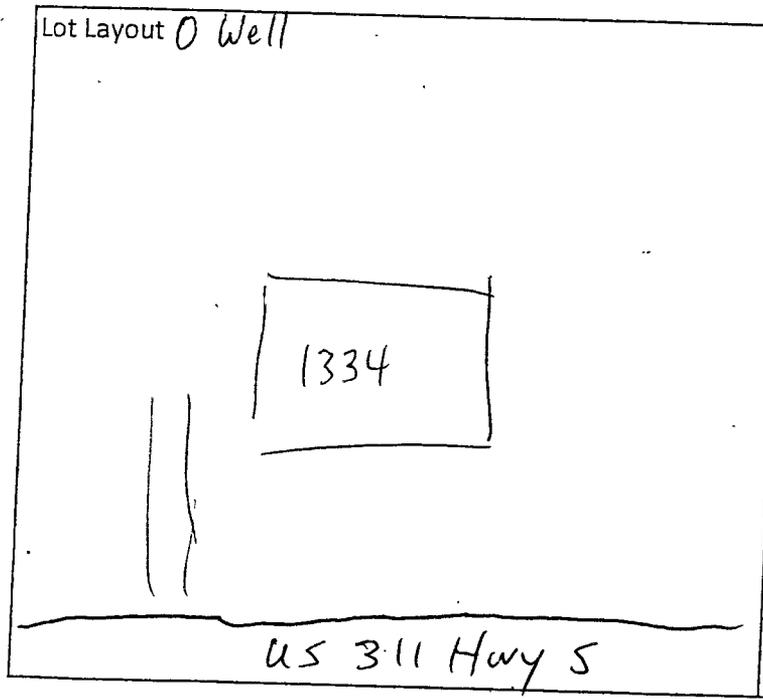
Date: 1-22-15
 Sample Team: Kirby + Luffy

Comments (well construction, etc.) sample spigot at well

Time Interval	5 Min	10 Min	15 Min	20 Min	25 Min
Temp (°C)	<u>14.2</u>	<u>14.9</u>	<u>15.0</u>	_____	_____
pH	<u>5.97</u>	<u>5.98</u>	<u>5.98</u>	_____	_____
S.C.	<u>101.3</u>	<u>100.2</u>	<u>100.6</u>	_____	_____
Turbidity	_____	_____	_____	_____	_____

Time Sample Collected: 11:47

Water Condition (turbidity, color, odor): clear



- Samples Collected:
- VOCs (3 - 40ml vials)
 - 1,4 Dioxane (3 - 40ml vials)
 - SVOCs/PCBs (1 - 2L Amber bottle)
 - Metals (1 - 1L HDPE bottle)
 - Dioxin (1 - 1L bottle)
 - Pest./Herb. (1 - 2L Amber bottle)

Comments: _____

Well Log Sheet

Site Name: Walnut Cove Tire Center
 Site Id #: NONCD 0002872
 Owner Name: Dorothy Dunlap
 Well Address: 1346 US 311 Hwy S
 Well ID #: 1346 US 311

Weather

Temp: 40s
 Wind: lt, breeze
 Percip: mostly sunny

Coordinates: _____ N
 _____ E

Date: 1-22-15

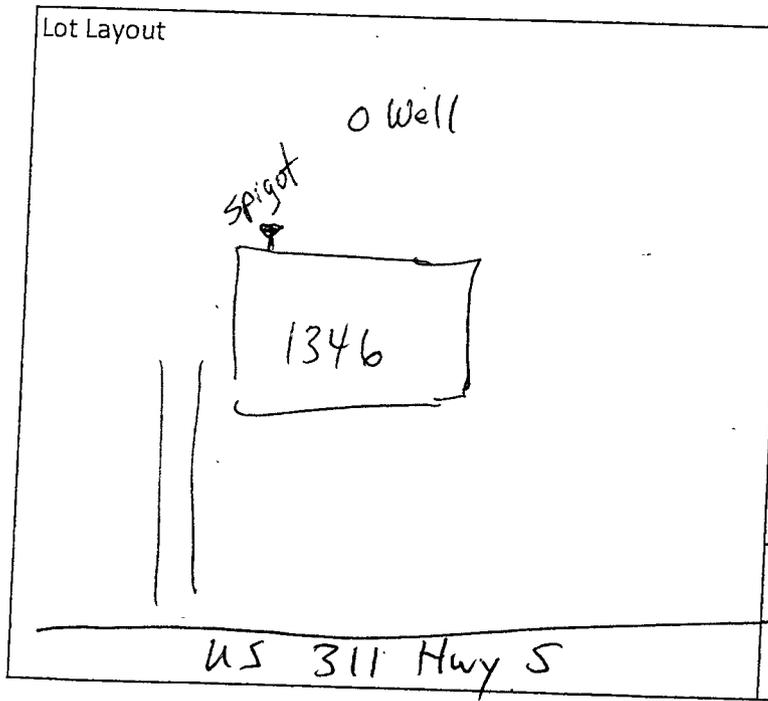
Sample Team: Kirby & Luffy

Comments (well construction, etc.) Sample spigot at back of house.

Time Interval	5 Min	10 Min	15 Min	20 Min	25 Min
Temp (°C)	<u>14.4</u>	<u>14.7</u>	<u>15.0</u>	<u>15.1</u>	_____
pH	<u>5.73</u>	<u>5.76</u>	<u>5.77</u>	<u>5.78</u>	_____
S.C.	<u>290</u>	<u>169.6</u>	<u>144.6</u>	<u>138.4</u>	_____
Turbidity	_____	_____	_____	_____	_____

Time Sample Collected: 12:10

Water Condition (turbidity, color, odor): clear



Samples Collected:

- VOCs (3 - 40ml vials)
- 1,4 Dioxane (3 - 40ml vials)
- SVOCs/PCBs (1 - 2L Amber bottle)
- Metals (1 - 1L HDPE bottle)
- Dioxin (1 - 1L bottle)
- Pest./Herb. (1 - 2L Amber bottle)

Comments: _____

Well Log Sheet

Site Name: Walnut Cove Tire Center
 Site Id #: NO/CD 000 2872
 Owner Name: Hunter + Cynthia Williard
 Well Address: 1768 Stokesburg Road
 Well ID #: 1768 Stokesburg

Weather
 Temp: 40s
 Wind: H. breeze
 Percip: Sunny
 Date: 1-22-15
 Sample Team: Kirby + Luffy

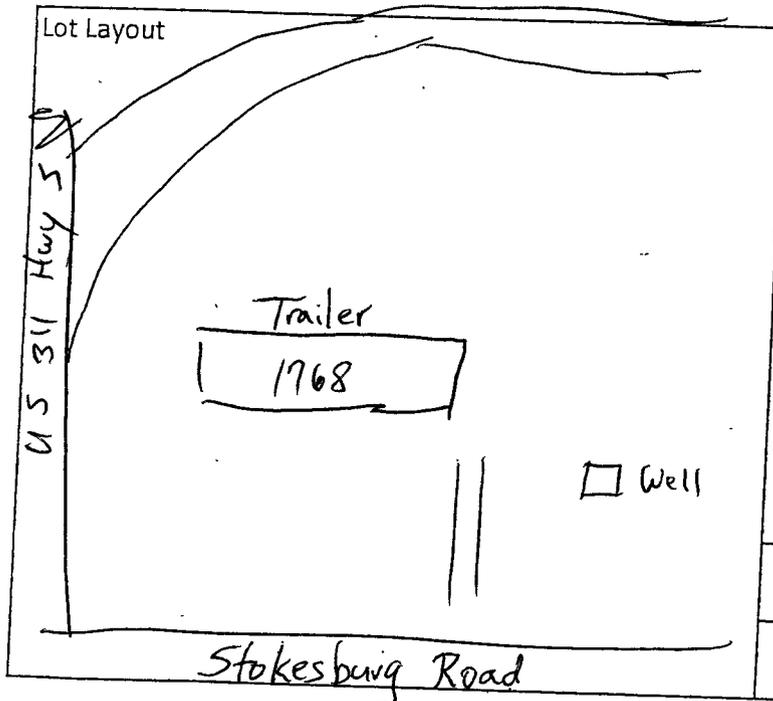
Coordinates: _____ N
 _____ E

Comments (well construction, etc.) sample inside at kitchen fancette

Time Interval	5 Min	10 Min	15 Min	20 Min	25 Min
Temp (°C)	<u>16.1</u>	<u>16.6</u>	<u>16.7</u>	_____	_____
pH	<u>5.99</u>	<u>5.85</u>	<u>5.84</u>	_____	_____
s.c.	<u>410</u>	<u>410</u>	<u>409</u>	_____	_____
Turbidity	_____	_____	_____	_____	_____

Time Sample Collected: 12:40

Water Condition (turbidity, color, odor): clear



- Samples Collected:
- VOCs (3 - 40ml vials)
 - 1,4 Dioxane (3 - 40ml vials)
 - SVOCs/PCBs (1 - 2L Amber bottle)
 - Metals (1 - 1L HDPE bottle)
 - Dioxin (1 - 1L bottle)
 - Pest./Herb. (1 - 2L Amber bottle)

Comments: _____

Well Log Sheet

Site Name: Walnut Cove Tire Center
 Site Id #: NONCD 000 2872
 Owner Name: Hunter + Cynthia Williard
 Well Address: 1271 US ~~311~~ 311 Hwy 5
 Well ID #: 1271 US 311

Weather
 Temp: 40s
 Wind: H breeze
 Percip: Sunny
 Date: 1-22-15
 Sample Team: Kirby + Latty

Coordinates: _____ N
 _____ E

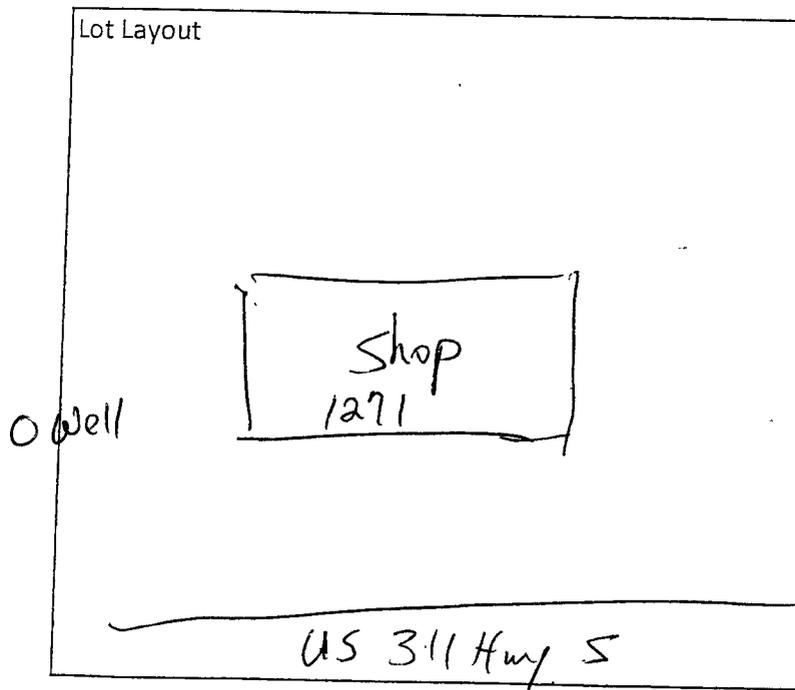
Comments (well construction, etc.) sample inside fancette

Time Interval	5 Min	10 Min	15 Min	20 Min	25 Min
Temp (°C)	<u>6.9</u>	<u>8.0</u>	<u>8.8</u>	<u>9.0</u>	_____
pH	<u>6.23</u>	<u>6.21</u>	<u>6.20</u>	<u>6.20</u>	_____
S.C.	<u>438</u>	<u>433</u>	<u>430</u>	<u>429</u>	_____
Turbidity	_____	_____	_____	_____	_____

Time Sample Collected: 12:58

Water Condition (turbidity, color, odor): clear

Lot Layout



Samples Collected:

- VOCs (3 - 40ml vials)
- 1,4 Dioxane (3 - 40ml vials)
- SVOCs/PCBs (1 - 2L Amber bottle)
- Metals (1 - 1L HDPE bottle)
- Dioxin (1 - 1L bottle)
- Pest./Herb. (1 - 2L Amber bottle)

Comments: _____

Well Log Sheet

Site Name: Walnut Cove Tire Center
 Site Id #: NONCD 000 2872
 Owner Name: Jason + Gayle Horrell
 Well Address: 1587 Hinsdale Road
 Well ID #: 1587 Hinsdale

Weather
 Temp: 50s
 Wind: H. breeze
 Percip: Sunny
 Date: 1-22-15
 Sample Team: Kirby + Luffy

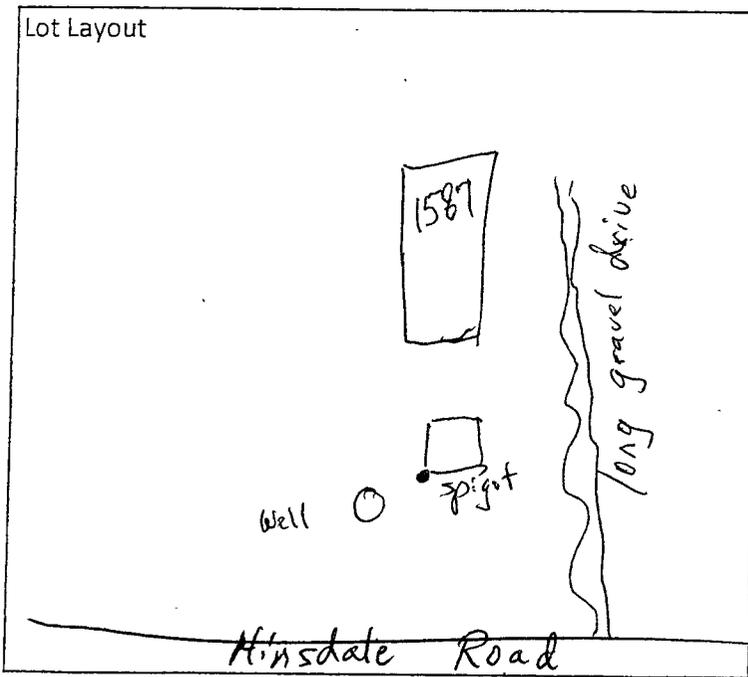
Coordinates: _____ N
 _____ E

Comments (well construction, etc.) sample spigot near well

Time Interval	5 Min	10 Min	15 Min	20 Min	25 Min
Temp (°C)	<u>15.3</u>	<u>15.2</u>	_____	_____	_____
pH	<u>6.35</u>	<u>6.28</u>	_____	_____	_____
S.C.	<u>140.2</u>	<u>139.1</u>	_____	_____	_____
Turbidity	_____	_____	_____	_____	_____

Time Sample Collected: 14:10

Water Condition (turbidity, color, odor): clear



- Samples Collected:
- VOCs (3 - 40ml vials)
 - 1,4 Dioxane (3 - 40ml vials)
 - SVOCs/PCBs (1 - 2L Amber bottle)
 - Metals (1 - 1L HDPE bottle)
 - Dioxin (1 - 1L bottle)
 - Pest./Herb. (1 - 2L Amber bottle)

Comments: _____



Chain of Custody Record

Shealy Environmental Services, Inc.

106 Vantage Point Drive

West Columbia, South Carolina 29172

Telephone No. (803) 791-9700 Fax No. (803) 791-9111

www.shealylab.com

Number 25670

Client <i>NC DENR - DWM</i>		Report to Contact <i>VINCE ANTRILLI</i>		Sampler (Printed Name) <i>LUTRY & KIRBY</i>		Quote No.	
Address <i>217 W JONES ST</i>		Telephone No. / Fax No. / Email <i>719-707-8353</i>		Waybill No.		Page <i>1</i> of <i>1</i>	
City <i>RALEIGH</i>	State <i>NC</i>	Zip Code <i>27603</i>	Preservative		Number of Containers		Bottle (See Instructions on back)
Project Name <i>WALNUT GROVE TIRE CENTER</i>			1. Unpres. 4. HNO3 7. NaOH 2. NaOH/ZnA 5. HCL 3. H2SO4 6. Na Thio.		Preservative		
Project Number <i>NONCD 000 2672</i>		P.O Number		Matrix		Lot No.	
Sample ID / Description (Containers for each sample may be combined on one line)		Date	Time	G=Grab C=Composite	GW DW WW S Other	Remarks / Cooler ID	
<i>TRIP BLANK</i>		<i>1/22/15</i>					
<i>1643 STOKES BURG</i>			<i>1007</i>	<i>G</i>	<i>✓</i>		
<i>1643 STOKES BURG - B</i>			<i>1030</i>				
<i>1145 SPENCER</i>			<i>1057</i>				
<i>1060 SPENCER</i>			<i>1120</i>				
<i>1334 US 311</i>			<i>1147</i>				
<i>1346 US 311</i>			<i>1210</i>				
<i>1768 STOKES BURG</i>			<i>1240</i>				
<i>1271 US 311</i>			<i>1258</i>				
<i>1587 HINSDALE</i>			<i>1410</i>				

Turn Around Time Required (Prior lab approval required for expedited TAT) <input type="checkbox"/> Standard <input type="checkbox"/> Rush (Please Specify)		Sample Disposal <input type="checkbox"/> Return to Client <input type="checkbox"/> Disposal by Lab		QC Requirements (Specify)		Possible Hazard Identification <input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison <input type="checkbox"/> Unknown	
1. Relinquished by Sampler <i>Joseph Wade Kirby</i>		Date <i>1/22/2015</i>	Time <i>1630</i>	1. Received by		Date	Time
2. Relinquished by		Date	Time	2. Received by		Date	Time
3. Relinquished by		Date	Time	3. Received by		Date	Time
4. Relinquished by		Date	Time	4. Laboratory Received by		Date	Time

Note: All samples are retained for six weeks from receipt unless other arrangements are made.

LAB USE ONLY

Received on Ice (Check) Yes No Ice Pack

Receipt Temp. _____ °C

Temp. Blank Y / N

Instructions

Please complete as many fields possible. Contact your lab Project Manager with any questions regarding Chain of Custody completion.

Bottle Types (Insert letter code for bottle type submitted)

A - 40ml Vial Clear

B - 40ml Vial Amber

C - 125ml Plastic

D - 250ml Plastic

E - 250ml Amber

F - 500ml Plastic

G - 500ml Amber

H - 1L Plastic

I - 1L Amber

J - 1L Widemouth

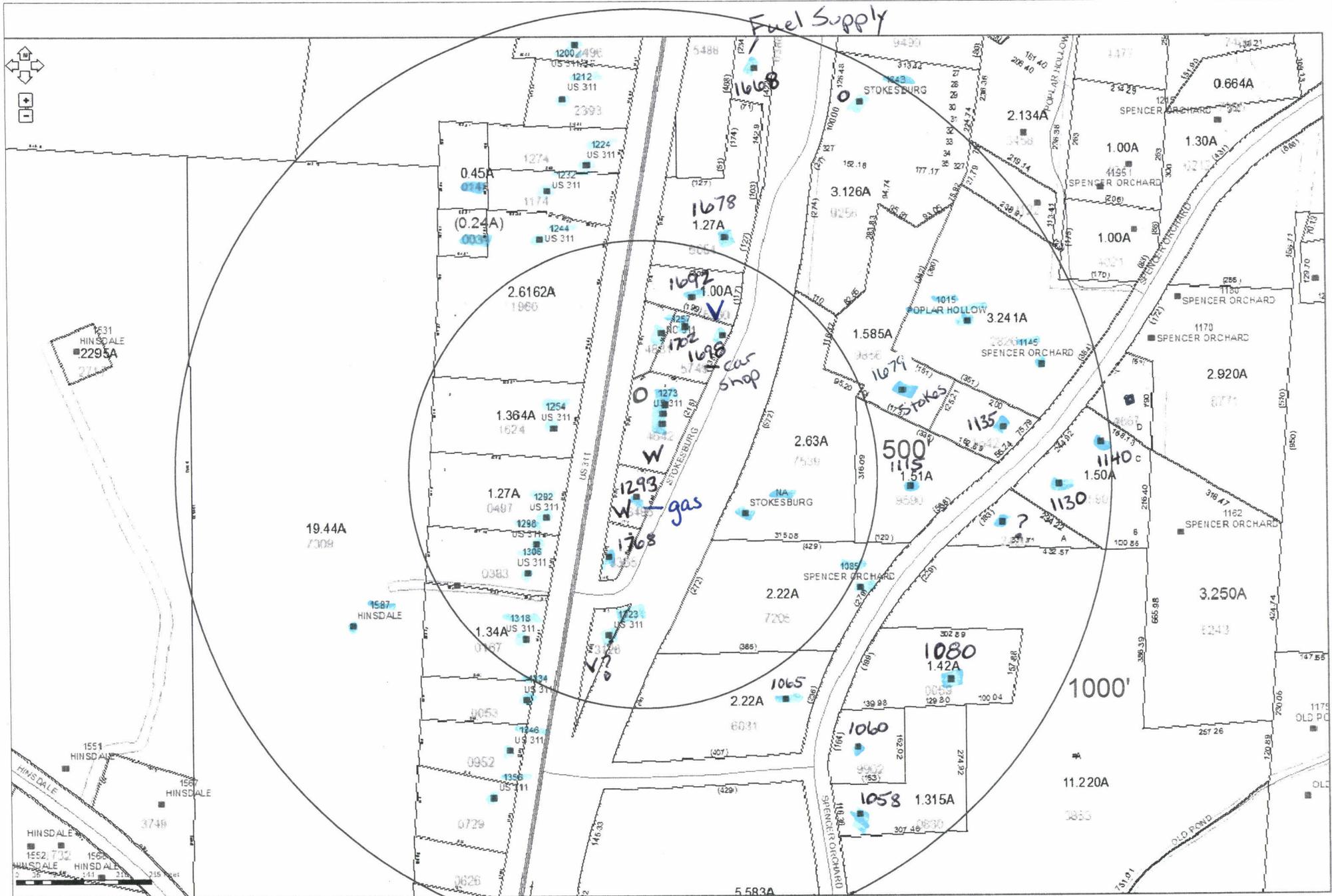
K - 2L Plastic

L - 2 oz. jar

M - 4 oz. jar

N - 9 oz jar

O - 100ml sterile



Walnut Cove Tire Ctr.
 Stokes Co
 NONCD0002872

Antrilli, Vincent

From: Eva Nelson [neva4247@gmail.com]
Sent: Thursday, December 18, 2014 5:01 PM
To: Antrilli, Vincent

You have permission to test my water at 1145 Spencer Orchard Rd but 1015 Poplar Hollow does not belong to me I think that is Wayne somebody



North Carolina Department of Environment and Natural Resources

Pat McCrory
Governor

John E. Skvarla, III
Secretary

December 16, 2014

Laura Jean Ward
1058 Spencer Orchard Road
Walnut Cove, NC 27052

RE: Water Supply Well Sampling – Walnut Cove Tire Center, Inc. site (NONCD0002872)

Dear Ms. Ward:

My name is Vincent Antrilli and I work for the Division of Waste Management of the State of North Carolina's Department of Environment and Natural Resources. The purpose of this letter is to request your permission to sample the well(s) located at **1058 Spencer Orchard Road in Walnut Cove, Stokes County**, as part of an investigation of groundwater contamination detected in your area. You do not have to be present to have your well sampled and there is no cost to you. Samples will be collected from either a faucet at the well or on the exterior of your home. The laboratory results will be forwarded to you as soon as possible.

Please contact me by one of the following ways to confirm that ***we may*** collect a sample from your well. You can reach me by calling **(919) 707-8353**, emailing me at **Vincent.Antrilli@ncdenr.gov** or by responding to this letter stating that you are granting permission for the State to sample your well. **If you have any questions, comments, or concerns, please contact me.**

Sincerely,

Vincent Antrilli, Jr.

Vincent Antrilli, Jr.
Environmental Specialist
Inactive Hazardous Sites Branch
Superfund Section



North Carolina Department of Environment and Natural Resources

Pat McCrory
Governor

John E. Skvarla, III
Secretary

December 16, 2014

Florence Baines
1060 Spencer Orchard Road
Walnut Cove, NC 27052

RE: Water Supply Well Sampling – Walnut Cove Tire Center, Inc. site (NONCD0002872)

Dear Ms. Baines:

My name is Vincent Antrilli and I work for the Division of Waste Management of the State of North Carolina's Department of Environment and Natural Resources. The purpose of this letter is to request your permission to sample the well(s) located at **1060 Spencer Orchard Road in Walnut Cove, Stokes County**, as part of an investigation of groundwater contamination detected in your area. You do not have to be present to have your well sampled and there is no cost to you. Samples will be collected from either a faucet at the well or on the exterior of your home. The laboratory results will be forwarded to you as soon as possible.

Please contact me by one of the following ways to confirm that *we may* collect a sample from your well. You can reach me by calling **(919) 707-8353**, emailing me at **Vincent.Antrilli@ncdenr.gov** or by responding to this letter stating that you are granting permission for the State to sample your well. **If you have any questions, comments, or concerns, please contact me.**

Sincerely,

Vincent Antrilli, Jr.

Vincent Antrilli, Jr.
Environmental Specialist
Inactive Hazardous Sites Branch
Superfund Section



North Carolina Department of Environment and Natural Resources

Pat McCrory
Governor

John E. Skvarla, III
Secretary

December 16, 2014

Randolph III and Marsha Agee
1080 Spencer Orchard Road
Walnut Cove, NC 27052

RE: Water Supply Well Sampling – Walnut Cove Tire Center, Inc. site (NONCD0002872)

Dear Mr. and Mrs. Agee:

My name is Vincent Antrilli and I work for the Division of Waste Management of the State of North Carolina's Department of Environment and Natural Resources. The purpose of this letter is to request your permission to sample the well(s) located at **1080 Spencer Orchard Road in Walnut Cove, Stokes County**, as part of an investigation of groundwater contamination detected in your area. You do not have to be present to have your well sampled and there is no cost to you. Samples will be collected from either a faucet at the well or on the exterior of your home. The laboratory results will be forwarded to you as soon as possible.

Please contact me by one of the following ways to confirm that *we may* collect a sample from your well. You can reach me by calling (919) 707-8353, emailing me at Vincent.Antrilli@ncdenr.gov or by responding to this letter stating that you are granting permission for the State to sample your well. **If you have any questions, comments, or concerns, please contact me.**

Sincerely,

Vincent Antrilli, Jr.

Vincent Antrilli, Jr.
Environmental Specialist
Inactive Hazardous Sites Branch
Superfund Section



North Carolina Department of Environment and Natural Resources

Pat McCrory
Governor

John E. Skvarla, III
Secretary

December 16, 2014

John Ray and Marilyn Parsons
PO Box 493
Walnut Cove, NC 27052

RE: Water Supply Well Sampling – Walnut Cove Tire Center, Inc. site (NONCD0002872)

Dear Mr. and Mrs. Parsons:

My name is Vincent Antrilli and I work for the Division of Waste Management of the State of North Carolina's Department of Environment and Natural Resources. The purpose of this letter is to request your permission to sample the well(s) located at **1085 Spencer Orchard Road in Walnut Cove, Stokes County**, as part of an investigation of groundwater contamination detected in your area. You do not have to be present to have your well sampled and there is no cost to you. Samples will be collected from either a faucet at the well or on the exterior of your home. The laboratory results will be forwarded to you as soon as possible.

Please contact me by one of the following ways to confirm that ***we may*** collect a sample from your well. You can reach me by calling **(919) 707-8353**, emailing me at **Vincent.Antrilli@ncdenr.gov** or by responding to this letter stating that you are granting permission for the State to sample your well. **If you have any questions, comments, or concerns, please contact me.**

Sincerely,

Vincent Antrilli, Jr.

Vincent Antrilli, Jr.
Environmental Specialist
Inactive Hazardous Sites Branch
Superfund Section



North Carolina Department of Environment and Natural Resources

Pat McCrory
Governor

John E. Skvarla, III
Secretary

December 16, 2014

Ronald and Sheila Morris
1115 Spencer Orchard Road
Walnut Cove, NC 27052

RE: Water Supply Well Sampling – Walnut Cove Tire Center, Inc. site (NONCD0002872)

Dear Mr. and Mrs. Morris:

My name is Vincent Antrilli and I work for the Division of Waste Management of the State of North Carolina's Department of Environment and Natural Resources. The purpose of this letter is to request your permission to sample the well(s) located at **1115 Spencer Orchard Road in Walnut Cove, Stokes County**, as part of an investigation of groundwater contamination detected in your area. You do not have to be present to have your well sampled and there is no cost to you. Samples will be collected from either a faucet at the well or on the exterior of your home. The laboratory results will be forwarded to you as soon as possible.

Please contact me by one of the following ways to confirm that ***we may*** collect a sample from your well. You can reach me by calling **(919) 707-8353**, emailing me at **Vincent.Antrilli@ncdenr.gov** or by responding to this letter stating that you are granting permission for the State to sample your well. **If you have any questions, comments, or concerns, please contact me.**

Sincerely,

Vincent Antrilli, Jr.

Vincent Antrilli, Jr.
Environmental Specialist
Inactive Hazardous Sites Branch
Superfund Section



North Carolina Department of Environment and Natural Resources

Pat McCrory
Governor

John E. Skvarla, III
Secretary

December 16, 2014

Savannah Smith
210 Rhyme Ave
Winston-Salem, NC 27107

RE: Water Supply Well Sampling – Walnut Cove Tire Center, Inc. site (NONCD0002872)

Dear Ms. Smith:

My name is Vincent Antrilli and I work for the Division of Waste Management of the State of North Carolina's Department of Environment and Natural Resources. The purpose of this letter is to request your permission to sample the well(s) located at **1120 Spencer Orchard Road in Walnut Cove, Stokes County**, as part of an investigation of groundwater contamination detected in your area. You do not have to be present to have your well sampled and there is no cost to you. Samples will be collected from either a faucet at the well or on the exterior of your home. The laboratory results will be forwarded to you as soon as possible.

Please contact me by one of the following ways to confirm that ***we may*** collect a sample from your well. You can reach me by calling **(919) 707-8353**, emailing me at **Vincent.Antrilli@ncdenr.gov** or by responding to this letter stating that you are granting permission for the State to sample your well. **If you have any questions, comments, or concerns, please contact me.**

Sincerely,

Vincent Antrilli, Jr.

Vincent Antrilli, Jr.
Environmental Specialist
Inactive Hazardous Sites Branch
Superfund Section



North Carolina Department of Environment and Natural Resources

Pat McCrory
Governor

John E. Skvarla, III
Secretary

December 16, 2014

Clarence and Rosanelle Kiger
PO Box 81
Rural Hall, NC 27045

RE: Water Supply Well Sampling – Walnut Cove Tire Center, Inc. site (NONCD0002872)

Dear Mr. and Mrs. Kiger:

My name is Vincent Antrilli and I work for the Division of Waste Management of the State of North Carolina's Department of Environment and Natural Resources. The purpose of this letter is to request your permission to sample the well(s) located at **1130 and 1140 Spencer Orchard Road in Walnut Cove, Stokes County**, as part of an investigation of groundwater contamination detected in your area. You do not have to be present to have your well sampled and there is no cost to you. Samples will be collected from either a faucet at the well or on the exterior of your home. The laboratory results will be forwarded to you as soon as possible.

Please contact me by one of the following ways to confirm that *we may* collect a sample from your well. You can reach me by calling (919) 707-8353, emailing me at Vincent.Antrilli@ncdenr.gov or by responding to this letter stating that you are granting permission for the State to sample your well. **If you have any questions, comments, or concerns, please contact me.**

Sincerely,

Vincent Antrilli, Jr.

Vincent Antrilli, Jr.
Environmental Specialist
Inactive Hazardous Sites Branch
Superfund Section



North Carolina Department of Environment and Natural Resources

Pat McCrory
Governor

John E. Skvarla, III
Secretary

December 16, 2014

Jackie Dean and Dana Bullins Nelson
1135 Spencer Orchard Road
Walnut Cove, NC 27052

RE: Water Supply Well Sampling – Walnut Cove Tire Center, Inc. site (NONCD0002872)

Dear Mr. and Mrs. Nelson:

My name is Vincent Antrilli and I work for the Division of Waste Management of the State of North Carolina's Department of Environment and Natural Resources. The purpose of this letter is to request your permission to sample the well(s) located at **1135 Spencer Orchard Road in Walnut Cove, Stokes County**, as part of an investigation of groundwater contamination detected in your area. You do not have to be present to have your well sampled and there is no cost to you. Samples will be collected from either a faucet at the well or on the exterior of your home. The laboratory results will be forwarded to you as soon as possible.

Please contact me by one of the following ways to confirm that *we may* collect a sample from your well. You can reach me by calling (919) 707-8353, emailing me at Vincent.Antrilli@ncdenr.gov or by responding to this letter stating that you are granting permission for the State to sample your well. **If you have any questions, comments, or concerns, please contact me.**

Sincerely,

Vincent Antrilli, Jr.

Vincent Antrilli, Jr.
Environmental Specialist
Inactive Hazardous Sites Branch
Superfund Section



North Carolina Department of Environment and Natural Resources

Pat McCrory
Governor

John E. Skvarla, III
Secretary

December 16, 2014

Michael D Wood
1200 US 311 HWY S
Walnut Cove, NC 27052

RE: Water Supply Well Sampling – Walnut Cove Tire Center, Inc. site (NONCD0002872)

Dear Mr. Wood:

My name is Vincent Antrilli and I work for the Division of Waste Management of the State of North Carolina's Department of Environment and Natural Resources. The purpose of this letter is to request your permission to sample the well(s) located at **1200 US 311 Hwy S in Walnut Cove, Stokes County**, as part of an investigation of groundwater contamination detected in your area. You do not have to be present to have your well sampled and there is no cost to you. Samples will be collected from either a faucet at the well or on the exterior of your home. The laboratory results will be forwarded to you as soon as possible.

Please contact me by one of the following ways to confirm that ***we may*** collect a sample from your well. You can reach me by calling **(919) 707-8353**, emailing me at **Vincent.Antrilli@ncdenr.gov** or by responding to this letter stating that you are granting permission for the State to sample your well. **If you have any questions, comments, or concerns, please contact me.**

Sincerely,

Vincent Antrilli, Jr.

Vincent Antrilli, Jr.
Environmental Specialist
Inactive Hazardous Sites Branch
Superfund Section



North Carolina Department of Environment and Natural Resources

Pat McCrory
Governor

John E. Skvarla, III
Secretary

December 16, 2014

Crystal Lambert
1212 US 311 HWY S
Walnut Cove, NC 27052

RE: Water Supply Well Sampling – Walnut Cove Tire Center, Inc. site (NONCD0002872)

Dear Ms. Lambert:

My name is Vincent Antrilli and I work for the Division of Waste Management of the State of North Carolina's Department of Environment and Natural Resources. The purpose of this letter is to request your permission to sample the well(s) located at **1212 US 311 Hwy S in Walnut Cove, Stokes County**, as part of an investigation of groundwater contamination detected in your area. You do not have to be present to have your well sampled and there is no cost to you. Samples will be collected from either a faucet at the well or on the exterior of your home. The laboratory results will be forwarded to you as soon as possible.

Please contact me by one of the following ways to confirm that *we may* collect a sample from your well. You can reach me by calling **(919) 707-8353**, emailing me at **Vincent.Antrilli@ncdenr.gov** or by responding to this letter stating that you are granting permission for the State to sample your well. **If you have any questions, comments, or concerns, please contact me.**

Sincerely,

Vincent Antrilli, Jr.

Vincent Antrilli, Jr.
Environmental Specialist
Inactive Hazardous Sites Branch
Superfund Section



North Carolina Department of Environment and Natural Resources

Pat McCrory
Governor

John E. Skvarla, III
Secretary

December 16, 2014

Donald and Eileene Brown
1234 US 311 HWY S
Walnut Cove, NC 27052

RE: Water Supply Well Sampling – Walnut Cove Tire Center, Inc. site (NONCD0002872)

Dear Mr. and Mrs. Brown:

My name is Vincent Antrilli and I work for the Division of Waste Management of the State of North Carolina's Department of Environment and Natural Resources. The purpose of this letter is to request your permission to sample the well(s) located at **1224, 1232, 1244, and 1254 US 311 Hwy S in Walnut Cove, Stokes County**, as part of an investigation of groundwater contamination detected in your area. You do not have to be present to have your well sampled and there is no cost to you. Samples will be collected from either a faucet at the well or on the exterior of your home. The laboratory results will be forwarded to you as soon as possible.

Please contact me by one of the following ways to confirm that *we may* collect a sample from your well. You can reach me by calling (919) 707-8353, emailing me at Vincent.Antrilli@ncdenr.gov or by responding to this letter stating that you are granting permission for the State to sample your well. **If you have any questions, comments, or concerns, please contact me.**

Sincerely,

Vincent Antrilli, Jr.

Vincent Antrilli, Jr.
Environmental Specialist
Inactive Hazardous Sites Branch
Superfund Section



North Carolina Department of Environment and Natural Resources

Pat McCrory
Governor

John E. Skvarla, III
Secretary

December 16, 2014

Alvin and Freddie Neal
1257 US Hwy 311 S
Walnut Cove, NC 27052

RE: Water Supply Well Sampling – Walnut Cove Tire Center, Inc. site (NONCD0002872)

Dear Current Resident:

My name is Vincent Antrilli and I work for the Division of Waste Management of the State of North Carolina's Department of Environment and Natural Resources. The purpose of this letter is to request your permission to sample the well(s) located at **1257 US 311 Hwy S and 1065 Spencer Orchard Road in Walnut Cove, Stokes County**, as part of an investigation of groundwater contamination detected in your area. You do not have to be present to have your well sampled and there is no cost to you. Samples will be collected from either a faucet at the well or on the exterior of your home. The laboratory results will be forwarded to you as soon as possible.

Please contact me by one of the following ways to confirm that *we may* collect a sample from your well. You can reach me by calling (919) 707-8353, emailing me at Vincent.Antrilli@ncdenr.gov or by responding to this letter stating that you are granting permission for the State to sample your well. **If you have any questions, comments, or concerns, please contact me.**

Sincerely,

Vincent Antrilli, Jr.

Vincent Antrilli, Jr.
Environmental Specialist
Inactive Hazardous Sites Branch
Superfund Section



North Carolina Department of Environment and Natural Resources

Pat McCrory
Governor

John E. Skvarla, III
Secretary

December 16, 2014

D Gray and Hunter Williard
1271 US HWY 311 S
Walnut Cove, NC 27052

RE: Water Supply Well Sampling – Walnut Cove Tire Center, Inc. site (NONCD0002872)

Dear Current Resident:

My name is Vincent Antrilli and I work for the Division of Waste Management of the State of North Carolina's Department of Environment and Natural Resources. The purpose of this letter is to request your permission to sample the well(s) located at **1271 and 1273 US 311 Hwy S in Walnut Cove, Stokes County**, as part of an investigation of groundwater contamination detected in your area. You do not have to be present to have your well sampled and there is no cost to you. Samples will be collected from either a faucet at the well or on the exterior of your home. The laboratory results will be forwarded to you as soon as possible.

Please contact me by one of the following ways to confirm that ***we may*** collect a sample from your well. You can reach me by calling **(919) 707-8353**, emailing me at **Vincent.Antrilli@ncdenr.gov** or by responding to this letter stating that you are granting permission for the State to sample your well. **If you have any questions, comments, or concerns, please contact me.**

Sincerely,

Vincent Antrilli, Jr.

Vincent Antrilli, Jr.
Environmental Specialist
Inactive Hazardous Sites Branch
Superfund Section



North Carolina Department of Environment and Natural Resources

Pat McCrory
Governor

John E. Skvarla, III
Secretary

December 16, 2014

James Jr and Patricia Williams
2319 Duggins Road
Madison, NC 27025

RE: Water Supply Well Sampling – Walnut Cove Tire Center, Inc. site (NONCD0002872)

Dear Mr. and Mrs. Williams:

My name is Vincent Antrilli and I work for the Division of Waste Management of the State of North Carolina's Department of Environment and Natural Resources. The purpose of this letter is to request your permission to sample the well(s) located at **1292 US 311 Hwy S in Walnut Cove, Stokes County**, as part of an investigation of groundwater contamination detected in your area. You do not have to be present to have your well sampled and there is no cost to you. Samples will be collected from either a faucet at the well or on the exterior of your home. The laboratory results will be forwarded to you as soon as possible.

Please contact me by one of the following ways to confirm that we may collect a sample from your well. You can reach me by calling (919) 707-8353, emailing me at Vincent.Antrilli@ncdenr.gov or by responding to this letter stating that you are granting permission for the State to sample your well. **If you have any questions, comments, or concerns, please contact me.**

Sincerely,

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Vincent Antrilli, Jr.
Environmental Specialist
Inactive Hazardous Sites Branch
Superfund Section



North Carolina Department of Environment and Natural Resources

Pat McCrory
Governor

John E. Skvarla, III
Secretary

December 16, 2014

Johnny Ray Williams
1306 US 311 Hwy S
Walnut Cove, NC 27052

RE: Water Supply Well Sampling – Walnut Cove Tire Center, Inc. site (NONCD0002872)

Dear Mr. Williams:

My name is Vincent Antrilli and I work for the Division of Waste Management of the State of North Carolina's Department of Environment and Natural Resources. The purpose of this letter is to request your permission to sample the well(s) located at **1298, 1306, 1318, and 1323 US 311 Hwy S in Walnut Cove, Stokes County**, as part of an investigation of groundwater contamination detected in your area. You do not have to be present to have your well sampled and there is no cost to you. Samples will be collected from either a faucet at the well or on the exterior of your home. The laboratory results will be forwarded to you as soon as possible.

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Sincerely,

Vincent Antrilli, Jr.

Vincent Antrilli, Jr.
Environmental Specialist
Inactive Hazardous Sites Branch
Superfund Section



North Carolina Department of Environment and Natural Resources

Pat McCrory
Governor

John E. Skvarla, III
Secretary

December 16, 2014

Eva Nelson
1145 Spencer Orchard Road
Walnut Cove, NC 27052

RE: Water Supply Well Sampling – Walnut Cove Tire Center, Inc. site (NONCD0002872)

Dear Ms. Nelson:

My name is Vincent Antrilli and I work for the Division of Waste Management of the State of North Carolina's Department of Environment and Natural Resources. The purpose of this letter is to request your permission to sample the well(s) located at **1015 Poplar Hollow and 1145 Spencer Orchard Road in Walnut Cove, Stokes County**, as part of an investigation of groundwater contamination detected in your area. You do not have to be present to have your well sampled and there is no cost to you. Samples will be collected from either a faucet at the well or on the exterior of your home. The laboratory results will be forwarded to you as soon as possible.

Please contact me by one of the following ways to confirm that ***we may*** collect a sample from your well. You can reach me by calling **(919) 707-8353**, emailing me at **Vincent.Antrilli@ncdenr.gov** or by responding to this letter stating that you are granting permission for the State to sample your well. **If you have any questions, comments, or concerns, please contact me.**

Sincerely,

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Vincent Antrilli, Jr.
Environmental Specialist
Inactive Hazardous Sites Branch
Superfund Section



North Carolina Department of Environment and Natural Resources

Pat McCrory
Governor

John E. Skvarla, III
Secretary

December 16, 2014

Sherrill Lee Jr and Patricia Harbin
PO Box 156
Germanton, NC 27019

RE: Water Supply Well Sampling – Walnut Cove Tire Center, Inc. site (NONCD0002872)

Dear Mr. and Mrs. Harbin:

My name is Vincent Antrilli and I work for the Division of Waste Management of the State of North Carolina's Department of Environment and Natural Resources. The purpose of this letter is to request your permission to sample the well(s) located at **1334 US 311 Hwy S in Walnut Cove, Stokes County**, as part of an investigation of groundwater contamination detected in your area. You do not have to be present to have your well sampled and there is no cost to you. Samples will be collected from either a faucet at the well or on the exterior of your home. The laboratory results will be forwarded to you as soon as possible.

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Sincerely,

Vincent Antrilli, Jr.

Vincent Antrilli, Jr.
Environmental Specialist
Inactive Hazardous Sites Branch
Superfund Section



North Carolina Department of Environment and Natural Resources

Pat McCrory
Governor

John E. Skvarla, III
Secretary

December 16, 2014

Dorothy Dunlap
1346 US 311 HWY S
Walnut Cove, NC 27052

RE: Water Supply Well Sampling – Walnut Cove Tire Center, Inc. site (NONCD0002872)

Dear Ms. Dunlap:

My name is Vincent Antrilli and I work for the Division of Waste Management of the State of North Carolina's Department of Environment and Natural Resources. The purpose of this letter is to request your permission to sample the well(s) located at **1346 US 311 Hwy S in Walnut Cove, Stokes County**, as part of an investigation of groundwater contamination detected in your area. You do not have to be present to have your well sampled and there is no cost to you. Samples will be collected from either a faucet at the well or on the exterior of your home. The laboratory results will be forwarded to you as soon as possible.

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Sincerely,

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Vincent Antrilli, Jr.
Environmental Specialist
Inactive Hazardous Sites Branch
Superfund Section



North Carolina Department of Environment and Natural Resources

Pat McCrory
Governor

John E. Skvarla, III
Secretary

December 16, 2014

Charles Venable
1356 US 311 HWY S
Walnut Cove, NC 27052

RE: Water Supply Well Sampling – Walnut Cove Tire Center, Inc. site (NONCD0002872)

Dear Mr. Venable:

My name is Vincent Antrilli and I work for the Division of Waste Management of the State of North Carolina's Department of Environment and Natural Resources. The purpose of this letter is to request your permission to sample the well(s) located at **1356 US 311 Hwy S in Walnut Cove, Stokes County**, as part of an investigation of groundwater contamination detected in your area. You do not have to be present to have your well sampled and there is no cost to you. Samples will be collected from either a faucet at the well or on the exterior of your home. The laboratory results will be forwarded to you as soon as possible.

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Sincerely,

Vincent Antrilli, Jr.

Vincent Antrilli, Jr.
Environmental Specialist
Inactive Hazardous Sites Branch
Superfund Section



North Carolina Department of Environment and Natural Resources

Pat McCrory
Governor

John E. Skvarla, III
Secretary

December 16, 2014

Jason and Gayle Horrell
1587 Hinsdale Road
Walnut Cove, NC 27052

RE: Water Supply Well Sampling – Walnut Cove Tire Center, Inc. site (NONCD0002872)

Dear Mr. and Mrs. Horrell:

My name is Vincent Antrilli and I work for the Division of Waste Management of the State of North Carolina's Department of Environment and Natural Resources. The purpose of this letter is to request your permission to sample the well(s) located at **1587 Hinsdale Road in Walnut Cove, Stokes County**, as part of an investigation of groundwater contamination detected in your area. You do not have to be present to have your well sampled and there is no cost to you. Samples will be collected from either a faucet at the well or on the exterior of your home. The laboratory results will be forwarded to you as soon as possible.

Please contact me by one of the following ways to confirm that we may collect a sample from your well. You can reach me by calling **(919) 707-8353**, emailing me at **Vincent.Antrilli@ncdenr.gov** or by responding to this letter stating that you are granting permission for the State to sample your well. **If you have any questions, comments, or concerns, please contact me.**

Sincerely,

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Environmental Specialist
Inactive Hazardous Sites Branch
Superfund Section



North Carolina Department of Environment and Natural Resources

Pat McCrory
Governor

John E. Skvarla, III
Secretary

December 16, 2014

Kathryn Morrow
1643 Stokesburg Road
Walnut Cove, NC 27052

RE: Water Supply Well Sampling – Walnut Cove Tire Center, Inc. site (NONCD0002872)

Dear Ms. Morrow:

My name is Vincent Antrilli and I work for the Division of Waste Management of the State of North Carolina's Department of Environment and Natural Resources. The purpose of this letter is to request your permission to sample the well(s) located at **1643 Stokesburg Road in Walnut Cove, Stokes County**, as part of an investigation of groundwater contamination detected in your area. You do not have to be present to have your well sampled and there is no cost to you. Samples will be collected from either a faucet at the well or on the exterior of your home. The laboratory results will be forwarded to you as soon as possible.

Please contact me by one of the following ways to confirm that *we may* collect a sample from your well. You can reach me by calling (919) 707-8353, emailing me at Vincent.Antrilli@ncdenr.gov or by responding to this letter stating that you are granting permission for the State to sample your well. **If you have any questions, comments, or concerns, please contact me.**

Sincerely,

Vincent Antrilli, Jr.

Vincent Antrilli, Jr.
Environmental Specialist
Inactive Hazardous Sites Branch
Superfund Section



North Carolina Department of Environment and Natural Resources

Pat McCrory
Governor

John E. Skvarla, III
Secretary

December 16, 2014

Coy and Victoria Whicker
1678 Stokesburg Road
Walnut Cove, NC 27052

RE: Water Supply Well Sampling – Walnut Cove Tire Center, Inc. site (NONCD0002872)

Dear Mr. and Mrs. Whicker:

My name is Vincent Antrilli and I work for the Division of Waste Management of the State of North Carolina's Department of Environment and Natural Resources. The purpose of this letter is to request your permission to sample the well(s) located at **1678 Stokesburg Road in Walnut Cove, Stokes County**, as part of an investigation of groundwater contamination detected in your area. You do not have to be present to have your well sampled and there is no cost to you. Samples will be collected from either a faucet at the well or on the exterior of your home. The laboratory results will be forwarded to you as soon as possible.

Please contact me by one of the following ways to confirm that *we may* collect a sample from your well. You can reach me by calling (919) 707-8353, emailing me at Vincent.Antrilli@ncdenr.gov or by responding to this letter stating that you are granting permission for the State to sample your well. **If you have any questions, comments, or concerns, please contact me.**

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Vincent Antrilli, Jr.

Vincent Antrilli, Jr.
Environmental Specialist
Inactive Hazardous Sites Branch
Superfund Section



North Carolina Department of Environment and Natural Resources

Pat McCrory
Governor

John E. Skvarla, III
Secretary

December 16, 2014

Mrs. Ben Neal Estate
1257 NC 311 HWY S
Walnut Cove, NC 27052

RE: Water Supply Well Sampling – Walnut Cove Tire Center, Inc. site (NONCD0002872)

Dear Current Resident:

My name is Vincent Antrilli and I work for the Division of Waste Management of the State of North Carolina's Department of Environment and Natural Resources. The purpose of this letter is to request your permission to sample the well(s) located at **1702 and 1698 Stokesburg Road in Walnut Cove, Stokes County**, as part of an investigation of groundwater contamination detected in your area. You do not have to be present to have your well sampled and there is no cost to you. Samples will be collected from either a faucet at the well or on the exterior of your home. The laboratory results will be forwarded to you as soon as possible.

Please contact me by one of the following ways to confirm that ***we may*** collect a sample from your well. You can reach me by calling **(919) 707-8353**, emailing me at **Vincent.Antrilli@ncdenr.gov** or by responding to this letter stating that you are granting permission for the State to sample your well. **If you have any questions, comments, or concerns, please contact me.**

Sincerely,

Vincent Antrilli, Jr.

Vincent Antrilli, Jr.
Environmental Specialist
Inactive Hazardous Sites Branch
Superfund Section



North Carolina Department of Environment and Natural Resources

Pat McCrory
Governor

John E. Skvarla, III
Secretary

December 16, 2014

Hunter and Cynthia Williard
1785 Old 65 Road
Walnut Cove, NC 27052

RE: Water Supply Well Sampling – Walnut Cove Tire Center, Inc. site (NONCD0002872)

Dear Mr. and Mrs. Williard:

My name is Vincent Antrilli and I work for the Division of Waste Management of the State of North Carolina's Department of Environment and Natural Resources. The purpose of this letter is to request your permission to sample the well(s) located at **1768 Stokesburg Road in Walnut Cove, Stokes County**, as part of an investigation of groundwater contamination detected in your area. You do not have to be present to have your well sampled and there is no cost to you. Samples will be collected from either a faucet at the well or on the exterior of your home. The laboratory results will be forwarded to you as soon as possible.

Please contact me by one of the following ways to confirm that ***we may*** collect a sample from your well. You can reach me by calling **(919) 707-8353**, emailing me at **Vincent.Antrilli@ncdenr.gov** or by responding to this letter stating that you are granting permission for the State to sample your well. **If you have any questions, comments, or concerns, please contact me.**

Sincerely,

Vincent Antrilli, Jr.

Vincent Antrilli, Jr.
Environmental Specialist
Inactive Hazardous Sites Branch
Superfund Section

Jones, Anna

From: Monty Stevens [townmanagerwc@embarqmail.com]
Sent: Tuesday, December 16, 2014 8:11 AM
To: Jones, Anna
Subject: RE: Town of Walnut Cove Website Contact Request - Walnut Cove Tire Center NONCD0002872
Attachments: Copy of Walnut Cove Utilities List.xlsx

Ms. Jones,

Looks like all are outside the town and do not have town water.

Sorry for the delay.

Monty

From: Jones, Anna [mailto:anna.jones@ncdenr.gov]
Sent: Monday, December 15, 2014 7:45 AM
To: Monty Stevens
Subject: RE: Town of Walnut Cove Website Contact Request - Walnut Cove Tire Center NONCD0002872

Good morning! Do you know when this request will be completed? I would like to get the letters out to the homeowners soon and I can't do that without this information.

Thanks!

Anna

E-mail correspondence to and from this address may be subject to the North Carolina Public Records Law and may be disclosed to third parties.

From: Monty Stevens [townmanagerwc@embarqmail.com]
Sent: Tuesday, December 09, 2014 9:16 AM
To: Jones, Anna
Subject: RE: Town of Walnut Cove Website Contact Request - Walnut Cove Tire Center NONCD0002872

Good Morning Ms. Jones,

We are certain that these residences are most likely supplied with their own well. You can email the list here and we can verify that information.

Monty

Monty Stevens

Walnut Cove Interim Town Manager
336-591-4809

From: Jones, Anna [mailto:anna.jones@ncdenr.gov]
Sent: Tuesday, December 09, 2014 8:51 AM
To: townmanagerwc@embarqmail.com
Subject: Town of Walnut Cove Website Contact Request - Walnut Cove Tire Center NONCD0002872

Good morning! The Inactive Hazardous Sites Branch of NC DENR is assessing groundwater contamination near a site located off of US 311 Hwy South, Stokesburg Road and Spencer Orchard Road. As part of this assessment, we need to determine which residences in the area are connected to the public water supply. I have a list of addresses that I need to know whether they are supplied public water or if they have their own well. I have previously contacted Mike Delehant and Darlene Dill of the Stokes County Water and Sewer authority, but have had no response. Please let me know who can help me in this matter. I can email the list to them.

Thanks for your time.

Anna S. Jones

Inactive Hazardous Sites Branch - REC Program

NCDENR - Division of Waste Management

217 West Jones Street

Raleigh, North Carolina 27603

e-mail: anna.jones@ncdenr.gov

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Jones, Anna

From: Jones, Anna
Sent: Thursday, December 04, 2014 9:15 AM
To: 'mdelehant@co.stokes.nc.us'
Subject: FW: Water Services - Walnut Cove Tire Center - NONCD0002872
Attachments: Utilities List.xlsx

Mr. Delehant,
Good morning! I work with NC DENR and previously emailed Darlene Dill in regards to an assessment of groundwater contamination at a site located in Walnut Cove. We will be going out to sample wells in the area and need to know which addresses receive public water and therefore do not need to be sampled. I have not heard back from Ms. Dill so will you please let me know who can assist me in this matter. The addresses of concern are attached.
Thanks for your time.

Anna S. Jones
Inactive Hazardous Sites Branch - REC Program

NCDENR - Division of Waste Management

217 West Jones Street

Raleigh, North Carolina 27603

e-mail: anna.jones@ncdenr.gov

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From: Jones, Anna
Sent: Monday, November 24, 2014 11:13 AM
To: 'ddill@co.stokes.nc.us'
Subject: Water Services - Walnut Cove Tire Center - NONCD0002872

Ms. Dill,

Good Morning! The Inactive Hazardous Sites Branch is assessing groundwater contamination at the referenced site. As part of this assessment, we need to determine which residences in the area are connected to the public water supply. I have attached the addresses included in the assessment. Will you please indicate on the spreadsheet whether the addresses receive public water services or not or direct me to someone that can? These properties are located off of 311 Hwy South, Stokesburg Road and Spencer Orchard Road.
Thanks for your assistance.

Anna S. Jones
Inactive Hazardous Sites Branch - REC Program

NCDENR - Division of Waste Management

217 West Jones Street

Raleigh, North Carolina 27603

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VOCs
23 letters
Jan 20-21

Jones, Anna

From: Jones, Anna
Sent: Tuesday, December 02, 2014 9:01 AM
To: 'ddill@co.stokes.nc.us'
Subject: RE: Water Services - Walnut Cove Tire Center - NONCD0002872

Ms. Dill,

Good morning! I sent an email last week regarding public water services for properties in Walnut Cove, Stokes County, NC. Please let me know if you will be able to help in this matter or if there is another utility department that has water in this area.

Thank you.

Anna S. Jones

Inactive Hazardous Sites Branch - REC Program

NCDENR - Division of Waste Management

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Raleigh, North Carolina 27603

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Thanks for your assistance.

Anna S. Jones

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