Perth Road PCE Site, Iredell County - NONCD0002733

Well Address	Sample Date	Sample By	Well ID#	No Detects (ND)	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	1,1-DCA 2L= 6 MCL= RAL= 242	1,2-DCA 2L= 0.4 MCL= 5 RAL=	1,1-DCE 2L= 7 MCL= 7 RAL= 7	cis-1,2-DCE 2L= 70 MCL= 70 RAL=	Chloromethane 2L= 3 MCL= RAL= 563	HRE Sent	Comments
Marlan Properties 1156 Perth Road	12/12/2012	H&H	WSW-12												
	1/25/2010	H&H	WSW-12		0.75								29.6		
	10/26/2009	H&H	WSW-12		0.69										
	7/27/2009	H&H	WSW-12		1										
	4/3/2009	H&H	WSW-12		0.71										
	7/29/2015	BAF		ND											
128 Driftwood Cove Dr	7/29/2015	BAF		ND											
147 Driftwood Cove Dr	7/29/2015	BAF		ND											
153 Driftwood Cove Dr	7/29/2015	BAF		ND											
162 Driftwood Cove Dr	7/29/2015	BAF		ND											
1152 Perth Rd	7/29/2015	BAF		ND											

Notes:
All units in ug/l (ppb)
Above MDL Limt = BOLD
Above 2L Limit = BOLD
Above MCL Limit = BOLD
Above RAL = BOLD
Chloroform Below 2L = NOT BOLD
HRE Sent =
*=Sample collected after filter system
(T) or (t) = Total

H&H - Hart and Hickman

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

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

Pat McCrory
Governor

Donald R. van der Vaart
Secretary

August 19, 2015

Marlan Properties Inc
c/o Mark Lancaster
1156 Perth Road
Troutman, NC 28166

RE: Water Supply Well Sampling Results – Perth Rd PCE (NONCD0002733)
1156 Perth Road – Well ID QG30019-002
Troutman, NC 28166

Dear Mr. Lancaster:

Please find attached the Sample Analytical Results for a water sample collected from your well located at the address referenced above, on July 29, 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.
Environmental Specialist
Inactive Hazardous Sites Branch
Superfund Section

Enclosure

CC: Iredell County Health Department

Volatile Organic Compounds by GC/MS

Client: **NCDENR - DWM - DSCA**
Description: **1156 PERTH**
Date Sampled: **07/29/2015 1050**
Date Received: **07/30/2015**

Laboratory ID: **QG30019-002**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	08/06/2015 0127	JJG		81617

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
1,3-Dichlorobenzene	541-73-1	8260B	ND		0.50	ug/L	1
1,2-Dichlorobenzene	95-50-1	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
trans-1,2-Dichloroethene	156-60-5	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
1,2-Dichloropropane	78-87-5	8260B	ND		0.50	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		0.50	ug/L	1
cis-1,3-Dichloropropene	10061-01-5	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
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
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: **1156 PERTH**
Date Sampled: **07/29/2015 1050**
Date Received: **07/30/2015**

Laboratory ID: **QG30019-002**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	08/06/2015 0127	JJG		81617

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		91	70-130
Bromofluorobenzene		90	70-130
Toluene-d8		100	70-130

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

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

Pat McCrory
Governor

Donald R. van der Vaart
Secretary

August 19, 2015

Matthew Miller
128 Driftwood Cove Dr
Troutman, NC 28166

RE: Water Supply Well Sampling Results – Perth Rd PCE (NONCD0002733)
128 Driftwood Cove Dr – Well ID QG30019-003
Troutman, NC 28166

Dear Mr. Miller:

Please find attached the Sample Analytical Results for a water sample collected from your well located at the address referenced above, on July 29, 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.
Environmental Specialist
Inactive Hazardous Sites Branch
Superfund Section

Enclosure

CC: Iredell County Health Department

Volatile Organic Compounds by GC/MS

Client: **NCDENR - DWM - DSCA**
Description: **128 DRIFTWOOD**
Date Sampled: **07/29/2015 1115**
Date Received: **07/30/2015**

Laboratory ID: **QG30019-003**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	08/06/2015 0151	JJG		81617

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
1,3-Dichlorobenzene	541-73-1	8260B	ND		0.50	ug/L	1
1,2-Dichlorobenzene	95-50-1	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
trans-1,2-Dichloroethene	156-60-5	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
1,2-Dichloropropane	78-87-5	8260B	ND		0.50	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		0.50	ug/L	1
cis-1,3-Dichloropropene	10061-01-5	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
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
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: **128 DRIFTWOOD**
Date Sampled: **07/29/2015 1115**
Date Received: **07/30/2015**

Laboratory ID: **QG30019-003**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	08/06/2015 0151	JJG		81617

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		92	70-130
Bromofluorobenzene		90	70-130
Toluene-d8		101	70-130

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

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

Pat McCrory
Governor

Donald R. van der Vaart
Secretary

August 19, 2015

Raymond May
147 Driftwood Cove Dr
Troutman, NC 28166

RE: Water Supply Well Sampling Results – Perth Rd PCE (NONCD0002733)
147 Driftwood Cove Dr – Well ID QG30019-004
Troutman, NC 28166

Dear Mr. May:

Please find attached the Sample Analytical Results for a water sample collected from your well located at the address referenced above, on July 29, 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.
Environmental Specialist
Inactive Hazardous Sites Branch
Superfund Section

Enclosure

CC: Iredell County Health Department

Volatile Organic Compounds by GC/MS

Client: **NCDENR - DWM - DSCA**
Description: **147 DRIFTWOOD**
Date Sampled: **07/29/2015 1140**
Date Received: **07/30/2015**

Laboratory ID: **QG30019-004**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	08/06/2015 0215	JJG		81617

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
1,3-Dichlorobenzene	541-73-1	8260B	ND		0.50	ug/L	1
1,2-Dichlorobenzene	95-50-1	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
trans-1,2-Dichloroethene	156-60-5	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
1,2-Dichloropropane	78-87-5	8260B	ND		0.50	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		0.50	ug/L	1
cis-1,3-Dichloropropene	10061-01-5	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
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
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: **147 DRIFTWOOD**
Date Sampled: **07/29/2015 1140**
Date Received: **07/30/2015**

Laboratory ID: **QG30019-004**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	08/06/2015 0215	JJG		81617

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		90	70-130
Bromofluorobenzene		89	70-130
Toluene-d8		100	70-130

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

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

Pat McCrory
Governor

Donald R. van der Vaart
Secretary

August 19, 2015

Randy and Elizabeth Ellsworth
153 Driftwood Cove Dr
Troutman, NC 28166

RE: Water Supply Well Sampling Results – Perth Rd PCE (NONCD0002733)
153 Driftwood Cove Dr – Well ID QG30019-005
Troutman, NC 28166

Dear Mr. and Mrs. Ellsworth:

Please find attached the Sample Analytical Results for a water sample collected from your well located at the address referenced above, on July 29, 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.
Environmental Specialist
Inactive Hazardous Sites Branch
Superfund Section

Enclosure

CC: Iredell County Health Department

Volatile Organic Compounds by GC/MS

Client: **NCDENR - DWM - DSCA**
Description: **153 DRIFTWOOD**
Date Sampled: **07/29/2015 1200**
Date Received: **07/30/2015**

Laboratory ID: **QG30019-005**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	08/06/2015 0239	JJG		81617

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
1,3-Dichlorobenzene	541-73-1	8260B	ND		0.50	ug/L	1
1,2-Dichlorobenzene	95-50-1	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
trans-1,2-Dichloroethene	156-60-5	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
1,2-Dichloropropane	78-87-5	8260B	ND		0.50	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		0.50	ug/L	1
cis-1,3-Dichloropropene	10061-01-5	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
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
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: **153 DRIFTWOOD**
Date Sampled: **07/29/2015 1200**
Date Received: **07/30/2015**

Laboratory ID: **QG30019-005**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	08/06/2015 0239	JJG		81617

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		91	70-130
Bromofluorobenzene		90	70-130
Toluene-d8		99	70-130

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

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

Pat McCrory
Governor

Donald R. van der Vaart
Secretary

August 19, 2015

David Barker
162 Driftwood Cove Dr
Troutman, NC 28166

RE: Water Supply Well Sampling Results – Perth Rd PCE (NONCD0002733)
162 Driftwood Cove Dr – Well ID QG30019-006
Troutman, NC 28166

Dear Mr. Barker:

Please find attached the Sample Analytical Results for a water sample collected from your well located at the address referenced above, on July 29, 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.
Environmental Specialist
Inactive Hazardous Sites Branch
Superfund Section

Enclosure

CC: Iredell County Health Department

Volatile Organic Compounds by GC/MS

Client: **NCDENR - DWM - DSCA**
Description: **162 DRIFTWOOD**
Date Sampled: **07/29/2015 1220**
Date Received: **07/30/2015**

Laboratory ID: **QG30019-006**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	08/06/2015 0302	JJG		81617

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
1,3-Dichlorobenzene	541-73-1	8260B	ND		0.50	ug/L	1
1,2-Dichlorobenzene	95-50-1	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
trans-1,2-Dichloroethene	156-60-5	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
1,2-Dichloropropane	78-87-5	8260B	ND		0.50	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		0.50	ug/L	1
cis-1,3-Dichloropropene	10061-01-5	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
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
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: **162 DRIFTWOOD**
Date Sampled: **07/29/2015 1220**
Date Received: **07/30/2015**

Laboratory ID: **QG30019-006**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	08/06/2015 0302	JJG		81617

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		90	70-130
Bromofluorobenzene		91	70-130
Toluene-d8		100	70-130

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

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

Pat McCrory
Governor

Donald R. van der Vaart
Secretary

August 19, 2015

Morningstar Marinas
c/o Christy Marr
725 Park Center Dr
Matthews, NC 28105

RE: Water Supply Well Sampling Results – Perth Rd PCE (NONCD0002733)
1152 Perth Road – Well ID QG30019-007
Troutman, NC 28166

Dear Ms. Marr:

Please find attached the Sample Analytical Results for a water sample collected from your well located at the address referenced above, on July 29, 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.
Environmental Specialist
Inactive Hazardous Sites Branch
Superfund Section

Enclosure

CC: Iredell County Health Department

Volatile Organic Compounds by GC/MS

Client: **NCDENR - DWM - DSCA**
Description: **1152 PERTH**
Date Sampled: **07/29/2015 1250**
Date Received: **07/30/2015**

Laboratory ID: **QG30019-007**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	08/06/2015 0326	JJG		81617

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
1,3-Dichlorobenzene	541-73-1	8260B	ND		0.50	ug/L	1
1,2-Dichlorobenzene	95-50-1	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
trans-1,2-Dichloroethene	156-60-5	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
1,2-Dichloropropane	78-87-5	8260B	ND		0.50	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		0.50	ug/L	1
cis-1,3-Dichloropropene	10061-01-5	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
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
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: **1152 PERTH**
Date Sampled: **07/29/2015 1250**
Date Received: **07/30/2015**

Laboratory ID: **QG30019-007**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	08/06/2015 0326	JJG		81617

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		90	70-130
Bromofluorobenzene		89	70-130
Toluene-d8		100	70-130

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
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.

Report of Analysis

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

Project Name: **Perth Rd PCE**

Project Number: **NONCD0002733**

Lot Number: **QG30019**

Date Completed: **08/07/2015**

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.

Case Narrative
NCDENR - DWM - DSCA
Lot Number: QG30019

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.

Sample Summary
NCDENR - DWM - DSCA
Lot Number: QG30019

Sample Number	Sample ID	Matrix	Date Sampled	Date Received
001	TRIP BLANK	Aqueous	07/29/2015	07/30/2015
002	1156 PERTH	Aqueous	07/29/2015 1050	07/30/2015
003	128 DRIFTWOOD	Aqueous	07/29/2015 1115	07/30/2015
004	147 DRIFTWOOD	Aqueous	07/29/2015 1140	07/30/2015
005	153 DRIFTWOOD	Aqueous	07/29/2015 1200	07/30/2015
006	162 DRIFTWOOD	Aqueous	07/29/2015 1220	07/30/2015
007	1152 PERTH	Aqueous	07/29/2015 1250	07/30/2015

(7 samples)

Executive Summary
NCDENR - DWM - DSCA
Lot Number: QG30019

Sample Sample ID	Matrix	Parameter	Method	Result	Q	Units	Page
(0 detections)							

Volatile Organic Compounds by GC/MS

Client: **NCDENR - DWM - DSCA**
Description: **TRIP BLANK**
Date Sampled: **07/29/2015**
Date Received: **07/30/2015**

Laboratory ID: **QG30019-001**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	08/05/2015 1036	SES		81549

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
1,3-Dichlorobenzene	541-73-1	8260B	ND		0.50	ug/L	1
1,2-Dichlorobenzene	95-50-1	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
trans-1,2-Dichloroethene	156-60-5	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
1,2-Dichloropropane	78-87-5	8260B	ND		0.50	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		0.50	ug/L	1
cis-1,3-Dichloropropene	10061-01-5	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
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
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: **TRIP BLANK**
Date Sampled: **07/29/2015**
Date Received: **07/30/2015**

Laboratory ID: **QG30019-001**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	08/05/2015 1036	SES		81549

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		90	70-130
Bromofluorobenzene		91	70-130
Toluene-d8		100	70-130

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
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: **1156 PERTH**
Date Sampled: **07/29/2015 1050**
Date Received: **07/30/2015**

Laboratory ID: **QG30019-002**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	08/06/2015 0127	JJG		81617

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
1,3-Dichlorobenzene	541-73-1	8260B	ND		0.50	ug/L	1
1,2-Dichlorobenzene	95-50-1	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
trans-1,2-Dichloroethene	156-60-5	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
1,2-Dichloropropane	78-87-5	8260B	ND		0.50	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		0.50	ug/L	1
cis-1,3-Dichloropropene	10061-01-5	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
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
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: **1156 PERTH**
Date Sampled: **07/29/2015 1050**
Date Received: **07/30/2015**

Laboratory ID: **QG30019-002**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	08/06/2015 0127	JJG		81617

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		91	70-130
Bromofluorobenzene		90	70-130
Toluene-d8		100	70-130

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
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: **128 DRIFTWOOD**
Date Sampled: **07/29/2015 1115**
Date Received: **07/30/2015**

Laboratory ID: **QG30019-003**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	08/06/2015 0151	JJG		81617

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
1,3-Dichlorobenzene	541-73-1	8260B	ND		0.50	ug/L	1
1,2-Dichlorobenzene	95-50-1	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
trans-1,2-Dichloroethene	156-60-5	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
1,2-Dichloropropane	78-87-5	8260B	ND		0.50	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		0.50	ug/L	1
cis-1,3-Dichloropropene	10061-01-5	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
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
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: **128 DRIFTWOOD**
Date Sampled: **07/29/2015 1115**
Date Received: **07/30/2015**

Laboratory ID: **QG30019-003**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	08/06/2015 0151	JJG		81617

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		92	70-130
Bromofluorobenzene		90	70-130
Toluene-d8		101	70-130

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
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: **147 DRIFTWOOD**
Date Sampled: **07/29/2015 1140**
Date Received: **07/30/2015**

Laboratory ID: **QG30019-004**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	08/06/2015 0215	JJG		81617

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
1,3-Dichlorobenzene	541-73-1	8260B	ND		0.50	ug/L	1
1,2-Dichlorobenzene	95-50-1	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
trans-1,2-Dichloroethene	156-60-5	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
1,2-Dichloropropane	78-87-5	8260B	ND		0.50	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		0.50	ug/L	1
cis-1,3-Dichloropropene	10061-01-5	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
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
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: **147 DRIFTWOOD**
Date Sampled: **07/29/2015 1140**
Date Received: **07/30/2015**

Laboratory ID: **QG30019-004**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	08/06/2015 0215	JJG		81617

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		90	70-130
Bromofluorobenzene		89	70-130
Toluene-d8		100	70-130

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
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: **153 DRIFTWOOD**
Date Sampled: **07/29/2015 1200**
Date Received: **07/30/2015**

Laboratory ID: **QG30019-005**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	08/06/2015 0239	JJG		81617

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
1,3-Dichlorobenzene	541-73-1	8260B	ND		0.50	ug/L	1
1,2-Dichlorobenzene	95-50-1	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
trans-1,2-Dichloroethene	156-60-5	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
1,2-Dichloropropane	78-87-5	8260B	ND		0.50	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		0.50	ug/L	1
cis-1,3-Dichloropropene	10061-01-5	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
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
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: **153 DRIFTWOOD**
Date Sampled: **07/29/2015 1200**
Date Received: **07/30/2015**

Laboratory ID: **QG30019-005**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	08/06/2015 0239	JJG		81617

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		91	70-130
Bromofluorobenzene		90	70-130
Toluene-d8		99	70-130

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
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: **162 DRIFTWOOD**
Date Sampled: **07/29/2015 1220**
Date Received: **07/30/2015**

Laboratory ID: **QG30019-006**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	08/06/2015 0302	JJG		81617

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
1,3-Dichlorobenzene	541-73-1	8260B	ND		0.50	ug/L	1
1,2-Dichlorobenzene	95-50-1	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
trans-1,2-Dichloroethene	156-60-5	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
1,2-Dichloropropane	78-87-5	8260B	ND		0.50	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		0.50	ug/L	1
cis-1,3-Dichloropropene	10061-01-5	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
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
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: **162 DRIFTWOOD**
Date Sampled: **07/29/2015 1220**
Date Received: **07/30/2015**

Laboratory ID: **QG30019-006**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	08/06/2015 0302	JJG		81617

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		90	70-130
Bromofluorobenzene		91	70-130
Toluene-d8		100	70-130

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
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: **1152 PERTH**
Date Sampled: **07/29/2015 1250**
Date Received: **07/30/2015**

Laboratory ID: **QG30019-007**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	08/06/2015 0326	JJG		81617

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
1,3-Dichlorobenzene	541-73-1	8260B	ND		0.50	ug/L	1
1,2-Dichlorobenzene	95-50-1	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
trans-1,2-Dichloroethene	156-60-5	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
1,2-Dichloropropane	78-87-5	8260B	ND		0.50	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		0.50	ug/L	1
cis-1,3-Dichloropropene	10061-01-5	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
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
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: **1152 PERTH**
Date Sampled: **07/29/2015 1250**
Date Received: **07/30/2015**

Laboratory ID: **QG30019-007**
Matrix: **Aqueous**

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	08/06/2015 0326	JJG		81617

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		90	70-130
Bromofluorobenzene		89	70-130
Toluene-d8		100	70-130

PQL = Practical quantitation limit
ND = Not detected at or above the PQL
B = Detected in the method blank
J = Estimated result < PQL and ≥ MDL
E = Quantitation of compound exceeded the calibration range
P = The RPD between two GC columns exceeds 40%
H = Out of holding time
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: QQ81549-001
Batch: 81549
Analytical Method: 8260B

Matrix: Aqueous
Prep Method: 5030B

Parameter	Result	Q	Dil	PQL	Units	Analysis Date
Acetone	ND		1	10	ug/L	08/05/2015 0934
Benzene	ND		1	0.50	ug/L	08/05/2015 0934
Bromodichloromethane	ND		1	0.50	ug/L	08/05/2015 0934
Bromoform	ND		1	0.50	ug/L	08/05/2015 0934
Bromomethane (Methyl bromide)	ND		1	0.50	ug/L	08/05/2015 0934
2-Butanone (MEK)	ND		1	10	ug/L	08/05/2015 0934
Carbon disulfide	ND		1	0.50	ug/L	08/05/2015 0934
Carbon tetrachloride	ND		1	0.50	ug/L	08/05/2015 0934
Chlorobenzene	ND		1	0.50	ug/L	08/05/2015 0934
Chloroethane	ND		1	0.50	ug/L	08/05/2015 0934
Chloroform	ND		1	0.50	ug/L	08/05/2015 0934
Chloromethane (Methyl chloride)	ND		1	0.50	ug/L	08/05/2015 0934
Cyclohexane	ND		1	0.50	ug/L	08/05/2015 0934
1,2-Dibromo-3-chloropropane (DBCP)	ND		1	0.50	ug/L	08/05/2015 0934
Dibromochloromethane	ND		1	0.50	ug/L	08/05/2015 0934
1,2-Dibromoethane (EDB)	ND		1	0.50	ug/L	08/05/2015 0934
1,4-Dichlorobenzene	ND		1	0.50	ug/L	08/05/2015 0934
1,2-Dichlorobenzene	ND		1	0.50	ug/L	08/05/2015 0934
1,3-Dichlorobenzene	ND		1	0.50	ug/L	08/05/2015 0934
Dichlorodifluoromethane	ND		1	0.50	ug/L	08/05/2015 0934
1,2-Dichloroethane	ND		1	0.50	ug/L	08/05/2015 0934
1,1-Dichloroethane	ND		1	0.50	ug/L	08/05/2015 0934
cis-1,2-Dichloroethene	ND		1	0.50	ug/L	08/05/2015 0934
1,1-Dichloroethene	ND		1	0.50	ug/L	08/05/2015 0934
trans-1,2-Dichloroethene	ND		1	0.50	ug/L	08/05/2015 0934
1,2-Dichloropropane	ND		1	0.50	ug/L	08/05/2015 0934
cis-1,3-Dichloropropene	ND		1	0.50	ug/L	08/05/2015 0934
trans-1,3-Dichloropropene	ND		1	0.50	ug/L	08/05/2015 0934
Ethylbenzene	ND		1	0.50	ug/L	08/05/2015 0934
2-Hexanone	ND		1	10	ug/L	08/05/2015 0934
Isopropylbenzene	ND		1	0.50	ug/L	08/05/2015 0934
Methyl acetate	ND		1	1.0	ug/L	08/05/2015 0934
Methyl tertiary butyl ether (MTBE)	ND		1	0.50	ug/L	08/05/2015 0934
4-Methyl-2-pentanone	ND		1	10	ug/L	08/05/2015 0934
Methylcyclohexane	ND		1	5.0	ug/L	08/05/2015 0934
Methylene chloride	ND		1	0.50	ug/L	08/05/2015 0934
Styrene	ND		1	0.50	ug/L	08/05/2015 0934
1,1,2,2-Tetrachloroethane	ND		1	0.50	ug/L	08/05/2015 0934
Tetrachloroethene	ND		1	0.50	ug/L	08/05/2015 0934
Toluene	ND		1	0.50	ug/L	08/05/2015 0934
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		1	0.50	ug/L	08/05/2015 0934
1,2,4-Trichlorobenzene	ND		1	0.50	ug/L	08/05/2015 0934
1,1,2-Trichloroethane	ND		1	0.50	ug/L	08/05/2015 0934
1,1,1-Trichloroethane	ND		1	0.50	ug/L	08/05/2015 0934

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 - MB

Sample ID: QQ81549-001
Batch: 81549
Analytical Method: 8260B

Matrix: Aqueous
Prep Method: 5030B

Parameter	Result	Q	Dil	PQL	Units	Analysis Date
Trichloroethene	ND		1	0.50	ug/L	08/05/2015 0934
Trichlorofluoromethane	ND		1	0.50	ug/L	08/05/2015 0934
Vinyl chloride	ND		1	0.50	ug/L	08/05/2015 0934
Xylenes (total)	ND		1	0.50	ug/L	08/05/2015 0934

Surrogate	Q	% Rec	Acceptance Limit
Bromofluorobenzene		92	70-130
1,2-Dichloroethane-d4		90	70-130
Toluene-d8		99	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: QQ81549-002 **Matrix:** Aqueous
Batch: 81549 **Prep Method:** 5030B
Analytical Method: 8260B

Parameter	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Acetone	100	94		1	94	60-140	08/05/2015 0836
Benzene	50	51		1	102	70-130	08/05/2015 0836
Bromodichloromethane	50	50		1	100	70-130	08/05/2015 0836
Bromoform	50	48		1	97	70-130	08/05/2015 0836
Bromomethane (Methyl bromide)	50	56		1	113	60-140	08/05/2015 0836
2-Butanone (MEK)	100	88		1	88	60-140	08/05/2015 0836
Carbon disulfide	50	55		1	110	60-140	08/05/2015 0836
Carbon tetrachloride	50	50		1	100	70-130	08/05/2015 0836
Chlorobenzene	50	51		1	103	70-130	08/05/2015 0836
Chloroethane	50	48		1	96	42-163	08/05/2015 0836
Chloroform	50	46		1	92	70-130	08/05/2015 0836
Chloromethane (Methyl chloride)	50	45		1	90	20-158	08/05/2015 0836
Cyclohexane	50	46		1	93	70-130	08/05/2015 0836
1,2-Dibromo-3-chloropropane (DBCP)	50	41		1	82	70-130	08/05/2015 0836
Dibromochloromethane	50	49		1	98	70-130	08/05/2015 0836
1,2-Dibromoethane (EDB)	50	51		1	103	70-130	08/05/2015 0836
1,4-Dichlorobenzene	50	49		1	99	70-130	08/05/2015 0836
1,2-Dichlorobenzene	50	50		1	101	70-130	08/05/2015 0836
1,3-Dichlorobenzene	50	51		1	102	70-130	08/05/2015 0836
Dichlorodifluoromethane	50	46		1	91	60-140	08/05/2015 0836
1,2-Dichloroethane	50	49		1	97	70-130	08/05/2015 0836
1,1-Dichloroethane	50	48		1	95	70-130	08/05/2015 0836
cis-1,2-Dichloroethene	50	50		1	101	70-130	08/05/2015 0836
1,1-Dichloroethene	50	53		1	107	70-130	08/05/2015 0836
trans-1,2-Dichloroethene	50	52		1	103	70-130	08/05/2015 0836
1,2-Dichloropropane	50	49		1	98	70-130	08/05/2015 0836
cis-1,3-Dichloropropene	50	50		1	100	70-130	08/05/2015 0836
trans-1,3-Dichloropropene	50	50		1	100	70-130	08/05/2015 0836
Ethylbenzene	50	52		1	104	70-130	08/05/2015 0836
2-Hexanone	100	84		1	84	60-140	08/05/2015 0836
Isopropylbenzene	50	53		1	106	70-130	08/05/2015 0836
Methyl acetate	50	41		1	83	60-140	08/05/2015 0836
Methyl tertiary butyl ether (MTBE)	50	52		1	103	70-130	08/05/2015 0836
4-Methyl-2-pentanone	100	87		1	87	60-140	08/05/2015 0836
Methylcyclohexane	50	46		1	93	70-130	08/05/2015 0836
Methylene chloride	50	48		1	97	70-130	08/05/2015 0836
Styrene	50	52		1	104	70-130	08/05/2015 0836
1,1,2,2-Tetrachloroethane	50	48		1	96	70-130	08/05/2015 0836
Tetrachloroethene	50	49		1	98	70-130	08/05/2015 0836
Toluene	50	51		1	102	70-130	08/05/2015 0836
1,1,2-Trichloro-1,2,2-Trifluoroethane	50	51		1	102	70-130	08/05/2015 0836
1,2,4-Trichlorobenzene	50	51		1	103	70-130	08/05/2015 0836
1,1,2-Trichloroethane	50	49		1	98	70-130	08/05/2015 0836
1,1,1-Trichloroethane	50	52		1	104	70-130	08/05/2015 0836

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: QQ81549-002
Batch: 81549
Analytical Method: 8260B

Matrix: Aqueous
Prep Method: 5030B

Parameter	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Trichloroethene	50	52		1	103	70-130	08/05/2015 0836
Trichlorofluoromethane	50	48		1	96	60-140	08/05/2015 0836
Vinyl chloride	50	49		1	98	60-140	08/05/2015 0836
Xylenes (total)	100	100		1	103	70-130	08/05/2015 0836

Surrogate	Q	% Rec	Acceptance Limit
Bromofluorobenzene		93	70-130
1,2-Dichloroethane-d4		88	70-130
Toluene-d8		98	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 - MB

Sample ID: QQ81617-001
Batch: 81617
Analytical Method: 8260B

Matrix: Aqueous
Prep Method: 5030B

Parameter	Result	Q	Dil	PQL	Units	Analysis Date
Acetone	ND		1	10	ug/L	08/05/2015 2136
Benzene	ND		1	0.50	ug/L	08/05/2015 2136
Bromodichloromethane	ND		1	0.50	ug/L	08/05/2015 2136
Bromoform	ND		1	0.50	ug/L	08/05/2015 2136
Bromomethane (Methyl bromide)	ND		1	0.50	ug/L	08/05/2015 2136
2-Butanone (MEK)	ND		1	10	ug/L	08/05/2015 2136
Carbon disulfide	ND		1	0.50	ug/L	08/05/2015 2136
Carbon tetrachloride	ND		1	0.50	ug/L	08/05/2015 2136
Chlorobenzene	ND		1	0.50	ug/L	08/05/2015 2136
Chloroethane	ND		1	0.50	ug/L	08/05/2015 2136
Chloroform	ND		1	0.50	ug/L	08/05/2015 2136
Chloromethane (Methyl chloride)	ND		1	0.50	ug/L	08/05/2015 2136
Cyclohexane	ND		1	0.50	ug/L	08/05/2015 2136
1,2-Dibromo-3-chloropropane (DBCP)	ND		1	0.50	ug/L	08/05/2015 2136
Dibromochloromethane	ND		1	0.50	ug/L	08/05/2015 2136
1,2-Dibromoethane (EDB)	ND		1	0.50	ug/L	08/05/2015 2136
1,2-Dichlorobenzene	ND		1	0.50	ug/L	08/05/2015 2136
1,3-Dichlorobenzene	ND		1	0.50	ug/L	08/05/2015 2136
1,4-Dichlorobenzene	ND		1	0.50	ug/L	08/05/2015 2136
Dichlorodifluoromethane	ND		1	0.50	ug/L	08/05/2015 2136
1,1-Dichloroethane	ND		1	0.50	ug/L	08/05/2015 2136
1,2-Dichloroethane	ND		1	0.50	ug/L	08/05/2015 2136
trans-1,2-Dichloroethene	ND		1	0.50	ug/L	08/05/2015 2136
1,1-Dichloroethene	ND		1	0.50	ug/L	08/05/2015 2136
cis-1,2-Dichloroethene	ND		1	0.50	ug/L	08/05/2015 2136
1,2-Dichloropropane	ND		1	0.50	ug/L	08/05/2015 2136
cis-1,3-Dichloropropene	ND		1	0.50	ug/L	08/05/2015 2136
trans-1,3-Dichloropropene	ND		1	0.50	ug/L	08/05/2015 2136
Ethylbenzene	ND		1	0.50	ug/L	08/05/2015 2136
2-Hexanone	ND		1	10	ug/L	08/05/2015 2136
Isopropylbenzene	ND		1	0.50	ug/L	08/05/2015 2136
Methyl acetate	ND		1	1.0	ug/L	08/05/2015 2136
Methyl tertiary butyl ether (MTBE)	ND		1	0.50	ug/L	08/05/2015 2136
4-Methyl-2-pentanone	ND		1	10	ug/L	08/05/2015 2136
Methylcyclohexane	ND		1	5.0	ug/L	08/05/2015 2136
Methylene chloride	ND		1	0.50	ug/L	08/05/2015 2136
Styrene	ND		1	0.50	ug/L	08/05/2015 2136
1,1,2,2-Tetrachloroethane	ND		1	0.50	ug/L	08/05/2015 2136
Tetrachloroethene	ND		1	0.50	ug/L	08/05/2015 2136
Toluene	ND		1	0.50	ug/L	08/05/2015 2136
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		1	0.50	ug/L	08/05/2015 2136
1,2,4-Trichlorobenzene	ND		1	0.50	ug/L	08/05/2015 2136
1,1,2-Trichloroethane	ND		1	0.50	ug/L	08/05/2015 2136
1,1,1-Trichloroethane	ND		1	0.50	ug/L	08/05/2015 2136

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 - MB

Sample ID: QQ81617-001
Batch: 81617
Analytical Method: 8260B

Matrix: Aqueous
Prep Method: 5030B

Parameter	Result	Q	Dil	PQL	Units	Analysis Date
Trichloroethene	ND		1	0.50	ug/L	08/05/2015 2136
Trichlorofluoromethane	ND		1	0.50	ug/L	08/05/2015 2136
Vinyl chloride	ND		1	0.50	ug/L	08/05/2015 2136
Xylenes (total)	ND		1	0.50	ug/L	08/05/2015 2136

Surrogate	Q	% Rec	Acceptance Limit
Bromofluorobenzene		90	70-130
1,2-Dichloroethane-d4		91	70-130
Toluene-d8		99	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: QQ81617-002
Batch 81617
Analytical Method: 8260B

Matrix: Aqueous
Prep Method: 5030B

Parameter	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Acetone	100	89		1	89	60-140	08/05/2015 2049
Benzene	50	50		1	101	70-130	08/05/2015 2049
Bromodichloromethane	50	51		1	101	70-130	08/05/2015 2049
Bromoform	50	47		1	94	70-130	08/05/2015 2049
Bromomethane (Methyl bromide)	50	60		1	121	60-140	08/05/2015 2049
2-Butanone (MEK)	100	83		1	83	60-140	08/05/2015 2049
Carbon disulfide	50	55		1	110	60-140	08/05/2015 2049
Carbon tetrachloride	50	51		1	101	70-130	08/05/2015 2049
Chlorobenzene	50	50		1	101	70-130	08/05/2015 2049
Chloroethane	50	50		1	100	42-163	08/05/2015 2049
Chloroform	50	46		1	92	70-130	08/05/2015 2049
Chloromethane (Methyl chloride)	50	49		1	99	20-158	08/05/2015 2049
Cyclohexane	50	46		1	91	70-130	08/05/2015 2049
1,2-Dibromo-3-chloropropane (DBCP)	50	39		1	78	70-130	08/05/2015 2049
Dibromochloromethane	50	49		1	98	70-130	08/05/2015 2049
1,2-Dibromoethane (EDB)	50	50		1	100	70-130	08/05/2015 2049
1,2-Dichlorobenzene	50	51		1	102	70-130	08/05/2015 2049
1,3-Dichlorobenzene	50	51		1	103	70-130	08/05/2015 2049
1,4-Dichlorobenzene	50	50		1	100	70-130	08/05/2015 2049
Dichlorodifluoromethane	50	52		1	104	60-140	08/05/2015 2049
1,1-Dichloroethane	50	47		1	95	70-130	08/05/2015 2049
1,2-Dichloroethane	50	49		1	97	70-130	08/05/2015 2049
trans-1,2-Dichloroethene	50	51		1	102	70-130	08/05/2015 2049
1,1-Dichloroethene	50	53		1	105	70-130	08/05/2015 2049
cis-1,2-Dichloroethene	50	50		1	100	70-130	08/05/2015 2049
1,2-Dichloropropane	50	49		1	97	70-130	08/05/2015 2049
cis-1,3-Dichloropropene	50	50		1	100	70-130	08/05/2015 2049
trans-1,3-Dichloropropene	50	49		1	98	70-130	08/05/2015 2049
Ethylbenzene	50	51		1	101	70-130	08/05/2015 2049
2-Hexanone	100	83		1	83	60-140	08/05/2015 2049
Isopropylbenzene	50	52		1	104	70-130	08/05/2015 2049
Methyl acetate	50	41		1	81	60-140	08/05/2015 2049
Methyl tertiary butyl ether (MTBE)	50	49		1	99	70-130	08/05/2015 2049
4-Methyl-2-pentanone	100	86		1	86	60-140	08/05/2015 2049
Methylcyclohexane	50	47		1	94	70-130	08/05/2015 2049
Methylene chloride	50	47		1	95	70-130	08/05/2015 2049
Styrene	50	51		1	103	70-130	08/05/2015 2049
1,1,2,2-Tetrachloroethane	50	48		1	95	70-130	08/05/2015 2049
Tetrachloroethene	50	49		1	98	70-130	08/05/2015 2049
Toluene	50	51		1	102	70-130	08/05/2015 2049
1,1,2-Trichloro-1,2,2-Trifluoroethane	50	51		1	102	70-130	08/05/2015 2049
1,2,4-Trichlorobenzene	50	51		1	103	70-130	08/05/2015 2049
1,1,2-Trichloroethane	50	48		1	97	70-130	08/05/2015 2049
1,1,1-Trichloroethane	50	52		1	104	70-130	08/05/2015 2049

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: QQ81617-002
Batch 81617
Analytical Method: 8260B

Matrix: Aqueous
Prep Method: 5030B

Parameter	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Trichloroethene	50	52		1	104	70-130	08/05/2015 2049
Trichlorofluoromethane	50	50		1	100	60-140	08/05/2015 2049
Vinyl chloride	50	54		1	108	60-140	08/05/2015 2049
Xylenes (total)	100	100		1	102	70-130	08/05/2015 2049

Surrogate	Q	% Rec	Acceptance Limit
Bromofluorobenzene		93	70-130
1,2-Dichloroethane-d4		91	70-130
Toluene-d8		99	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

SHEALY

Chain of Custody Record

SHEALY ENVIRONMENTAL SERVICES, INC.
106 Vantage Point Drive • West Columbia, SC 29172
Telephone No. 803-791-9700 Fax No. 803-791-9111
www.shealylab.com

Number 48342

Client: NCDENR - DWM
Address: 217 W Jones St
City: Raleigh | State: NC | Zip Code: 27603
Project Name: Perth Rd PCE
Project No.: NONCD0002733
P.O. No.:

Report to Contact: Vince Antrilli
Sampler's Signature: x
Printed Name: Vincent Antrilli Jr

Telephone No. / E-mail: 919-707-8353
Quote No.:
Analysis (Attach list if more space is needed): VOCs
Page ___ of ___

QG30019

Sample ID / Description (Containers for each sample may be combined on one line.)	Date	Time	G-Grab C-Composite	Aqueous	Soil	Wipe Air Sediment	Amber G.	HDPE	HDPE	HCl	HNO3	SO4 NaOH	VOCs	Remarks / Cooler I.D.
Trip Blank	—	—								2			✓	
1156 Perth	7-29-15	10:50		✓						3			✓	
128 Driftwood	↓	11:15		✓						3			✓	
147 Driftwood		11:40		✓						3			✓	
153 Driftwood		12:00		✓						3			✓	
162 Driftwood		12:20		✓						3			✓	
1152 Perth		12:50		✓						3			✓	

Turn Around Time Required (Prior lab approval required for expedited TAT.): ☐ Standard ☐ Rush (Specify)

Sample Disposal: ☐ Return to Client ☐ Disposal by Lab

Possible Hazard Identification: ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison ☐ Unknown

QC Requirements (Specify):

1. Relinquished by: Vincent Antrilli Jr	Date: 7-29-15	Time:	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: FedEx	Date: 7/30/15	Time: 0915	4. Laboratory received by: Tracy Boulding	Date: 7/30/15	Time: 0915

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

LAB USE ONLY
Received on ice (Circle): (Yes) No Ice Pack
Receipt Temp. 5.3 °C

DISTRIBUTION: WHITE & YELLOW-Return to laboratory with Sample(s); PINK-Field/Client Copy

Document Number: F-AD-133 Effective Date: 08-01-2014

SHEALY ENVIRONMENTAL SERVICES, INC.

SHEALY ENVIRONMENTAL SERVICES, INC.

Shealy Environmental Services, Inc.
Document Number: F-AD-016
Revision Number 17

Replaces Date: 11/07/14
Effective Date: 04/30/15

Sample Receipt Checklist (SRC)

Client: NCDENR-DWM Cooler Inspected by/date: HS 7/30/15 Lot #: QG30019

Means of receipt: ☐ SESI ☐ Client ☐ UPS ☑ FedEx ☐ Airborne Exp ☐ Other

Yes ☑	No ☐		1. Were custody seals present on the cooler?
Yes ☑	No ☐	NA ☐	2. If custody seals were present, were they intact and unbroken?

Cooler ID/Original temperature upon receipt/Derived (corrected) temperature upon receipt:
– 15.3 / 5.3 °C ___ / ___ / ___ °C ___ / ___ / ___ °C ___ / ___ / ___ °C
Method: ☑ Temperature Blank ☐ Against Bottles IR Gun ID: 5 IR Gun Correction Factor: 0 °C
Method of coolant: ☑ Wet Ice ☐ Blue Ice ☐ Dry Ice ☐ None

Yes ☐	No ☐	NA ☑	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 ☑	No ☐	NA ☐	4. Is the commercial courier's packing slip attached to this form?
Yes ☑	No ☐		5. Were proper custody procedures (relinquished/received) followed?
Yes ☐	No ☑	NA ☐	5a Were samples relinquished by client to commercial courier?
Yes ☑	No ☐		6. Were sample IDs listed on the COC?
Yes ☑	No ☐		7. Were sample IDs listed on all sample containers?
Yes ☑	No ☐		8. Was collection date & time listed on the COC?
Yes ☑	No ☐		9. Was collection date & time listed on all sample containers?
Yes ☑	No ☐		10. Did all container label information (ID, date, time) agree with the COC?
Yes ☑	No ☐		11. Were tests to be performed listed on the COC?
Yes ☑	No ☐		12. Did all samples arrive in the proper containers for each test?
Yes ☑	No ☐		13. Did all containers arrive in good condition (unbroken, lids on, etc.)?
Yes ☑	No ☐		14. Was adequate sample volume available?
Yes ☑	No ☐		15. Were all samples received within ½ the holding time or 48 hours, whichever comes first?
Yes ☐	No ☑		16. Were any samples containers missing?
Yes ☐	No ☑		17. Were there any excess samples not listed on COC?
Yes ☐	No ☑	NA ☐	18. Were bubbles present >"pea-size" (¼"or 6mm in diameter) in any VOA vials?
Yes ☐	No ☐	NA ☑	19. Were all metals/O&G/HEM/nutrient samples received at a pH of <2?
Yes ☐	No ☐	NA ☑	20. Were all cyanide and/or sulfide samples received at a pH >12?
Yes ☐	No ☐	NA ☑	21. Were all applicable NH3/TKN/cyanide/phenol (<0.2mg/L) samples free of residual chlorine?
Yes ☐	No ☐	NA ☑	22. Were collection temperatures documented on the COC for NC samples?
Yes ☐	No ☐	NA ☑	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 ☐	No ☑		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_2SO_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: HS Verified by: ___ Date: ~~7/30/15~~ 7/30/15 HS 7/30/15

Comments:

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

MEMORANDUM

Date: July 30, 2015

To: File

From: Vince Antrilli
Raleigh Regional Office
Inactive Hazardous Sites Branch

Re: Perth Rd PCE – Sampling Trip Summary
NONCD0002733

- Wade Kirby & I visited the site on July 29, 2015 to perform well sampling in the area. They sampled the addresses list below:
  - 1156 Perth Rd
  - 128 Driftwood Cove Dr
  - 147 Driftwood Cove Dr
  - 153 Driftwood Cove Dr
  - 162 Driftwood Cove Dr
  - 1152 Perth 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 July 29, 2015

Well Log Sheet

Site Name: Perth Rd PCE

Site Id #: NON CD000 2733

Owner Name: Marlan Properties (Mark Lancaster)

Well Address: 1156 Perth Rd

Well ID #: 1156 Perth

Weather

Temp: 84°

Wind: Calm

Percip: Sunny

Date: 7-29-15

Sample Team: Antrilli / Kirby

Coordinates: _____ N

_____ E

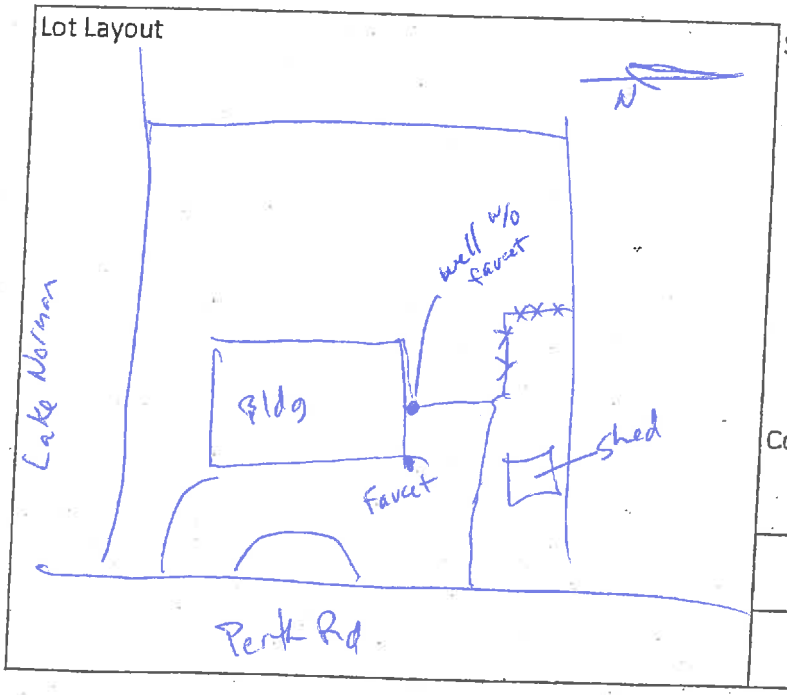
Comments (well construction, etc.) _____

Time Interval	5 Min	10 Min	15 Min	20 Min	25 Min
Temp (°C)	20.5	19.9	19.5		
pH	6.11	6.13	6.04		
S.C.	151.7	151.6	151.8		
Turbidity	—	—	—		

Time Sample Collected: 10:50

Water Condition (turbodity, color, odor): clear, odorless

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: Perth Rd PCE

Site Id #: NONCD0002733

Owner Name: Matthew Miller

Well Address: 128 Driftwood Cove Dr

Well ID #: 128 Driftwood

Weather

Temp: 84°

Wind: calm

Percip: Sunny

Date: 7-29-15

Sample Team: Antrilli & Kirk

Coordinates: _____ N

_____ E

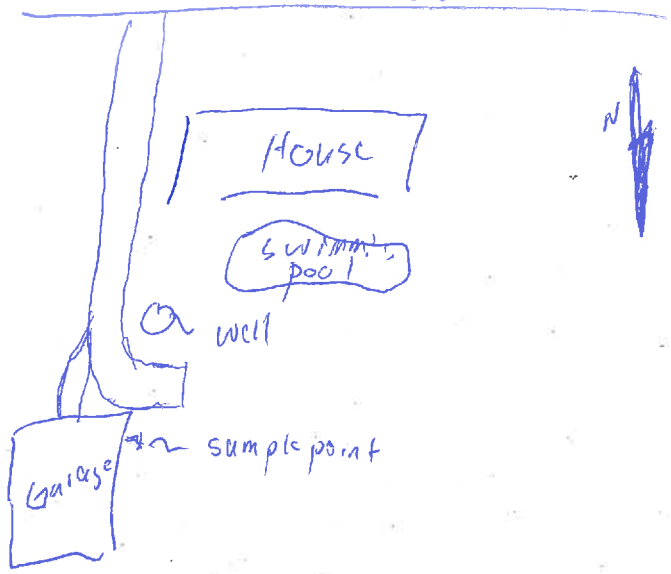
Comments (well construction, etc.) sampled from spigot on garage

Time Interval	5 Min	10 Min	15 Min	20 Min	25 Min
Temp (°C)	19.2	18.1	17.9		
pH	6.75	6.56	6.54		
S.C.	104.7	103.7	102.7		
Turbidity	—	—	—		

Time Sample Collected: 1115

Water Condition (turbodity, color, odor): _____

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: Perth Rd PCE

Site Id #: NONCD 2733

Owner Name: Raymond May

Well Address: 147 Driftwood Cove Dr

Well ID #: 147 Driftwood

Coordinates: _____ N

_____ E

Weather

Temp: 84°

Wind: calm

Percip: Partly Cloudy

Date: 7-29-15

Sample Team: Antrilli / Kirby

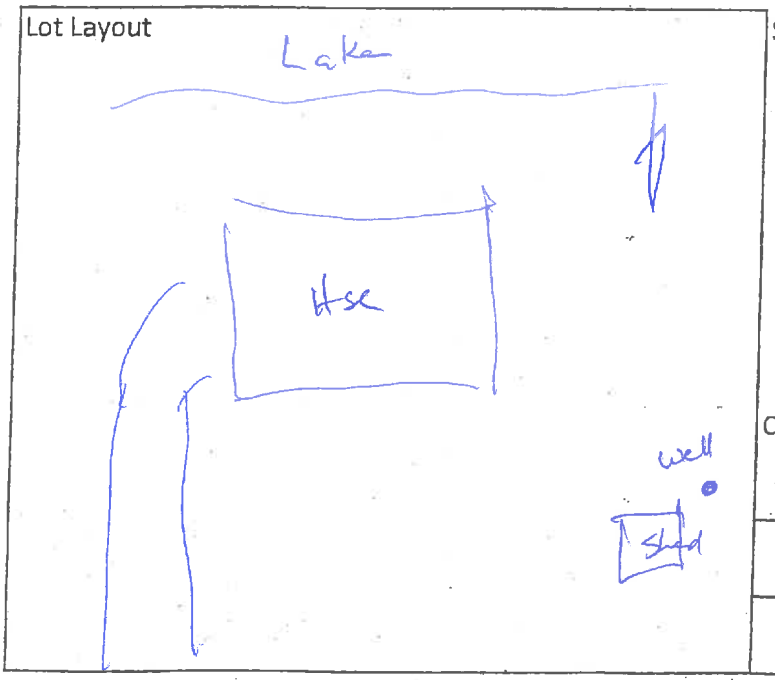
Comments (well construction, etc.)

Time Interval	5 Min	10 Min	15 Min	20 Min	25 Min
Temp (°C)	18.0	17.8	17.9		
pH	7.66	7.61	7.61		
S.C.	257.8	250.8	255.4		
Turbidity	—	—	—		

Time Sample Collected: 11:40

Water Condition (turbodity, color, odor): clear, odorless

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: sample from faucet @ well

Well Log Sheet

Site Name: ~~TB~~ Perth Rd PCE

Site Id #: NONCD0002733

Owner Name: Randy & Elisabeth Ellsworth

Well Address: 153 Driftwood Cove Dr

Well ID #: 153 Driftwood

Weather

Temp: 84°

Wind: calm

Percip: Partly Cloudy

Date: 7-29-15

Coordinates: _____ N

_____ E

Sample Team: [redacted]

Antrilli/Kirby

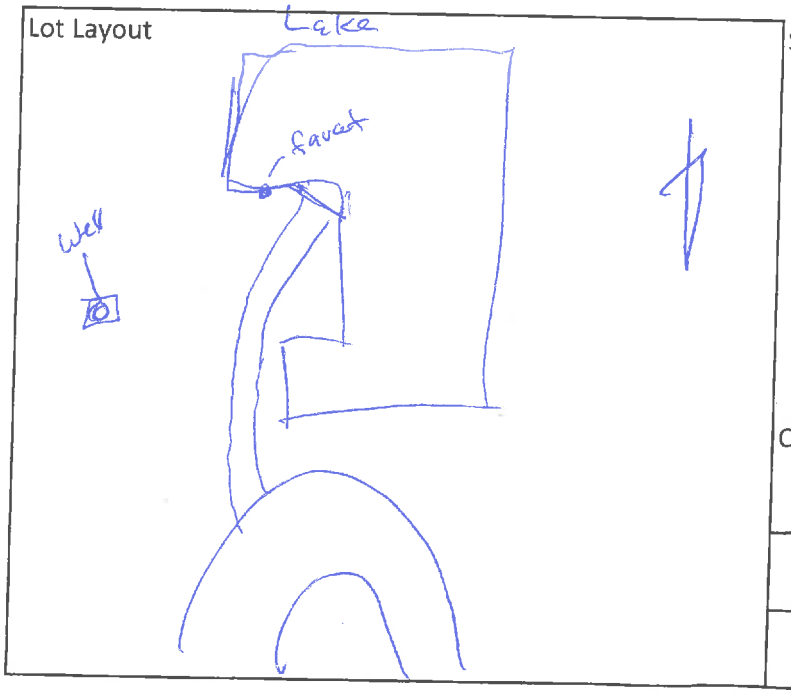
Comments (well construction, etc.) _____

Time Interval	5 Min	10 Min	15 Min	20 Min	25 Min
Temp (°C)	18.0	18.3	17.6		
pH	7.54	7.56	7.54		
S.C.	238.6	240.0	239.3		
Turbidity					

Time Sample Collected: 12:00 Noon

Water Condition (turbodity, color, odor): clear, odorless

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: Sample from faucet on Hse

Well Log Sheet

Site Name: Perth Rd PCE
Site Id #: NONCD 2733
Owner Name: David Barker
Well Address: 162 Driftwood Cove Dr
Well ID #: 162 Driftwood

Coordinates: _____ N
_____ E

Weather
Temp: 84°
Wind: calm
Percip: Partly Cloudy

Date: 7-29-15
Sample Team: Antrilli / Kirby

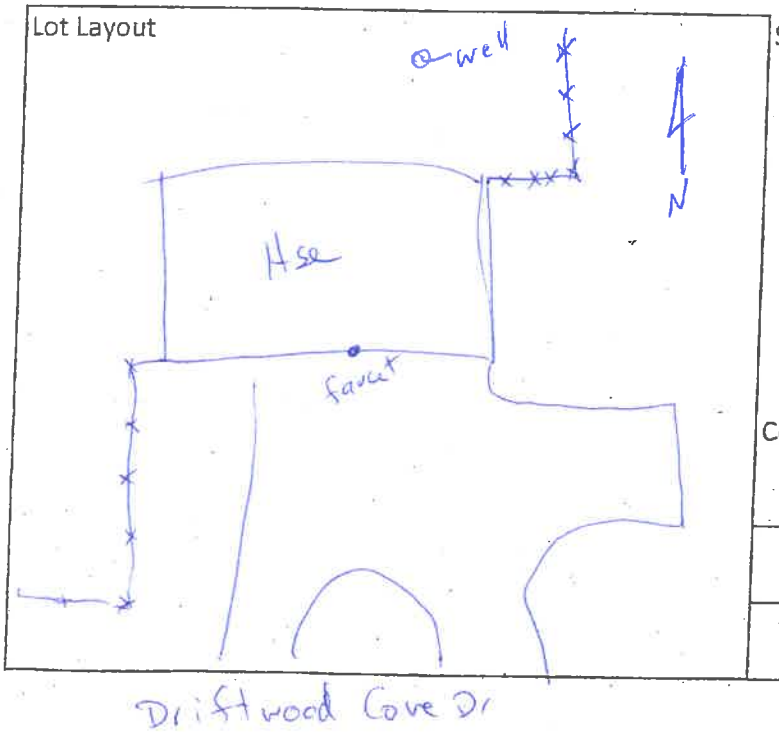
Comments (well construction, etc.) _____

Time Interval	5 Min	10 Min	15 Min	20 Min	25 Min
Temp (°C)	18.1	18.0	17.6		
pH	6.82	6.57	6.48		
S.C.	190.2	196.7	193.5		
Turbidity	—	—	—		

Time Sample Collected: 12:20

Water Condition (turbodity, color, odor): clear, odorless

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: Sampled from faucet on front of Hse

Well Log Sheet

Site Name: Perth Rd PCE

Site Id #: NONCD000 2733

Owner Name: Morningstar Marinas (Christy Marr)

Well Address: 1152 Perth Rd

Well ID #: 1152 Perth

Weather

Temp: 84°

Wind: Calm

Percip: Partly Cloudy

Date: 7-29-15

Sample Team: Antrilli / Kirby

Coordinates: _____ N

_____ E

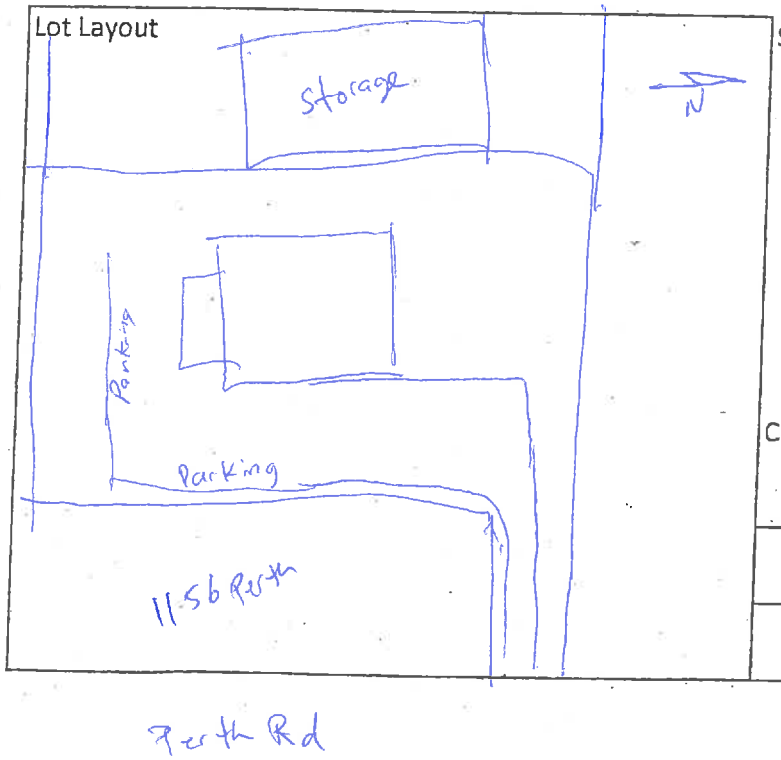
Comments (well construction, etc.) _____

Time Interval	5 Min	10 Min	15 Min	20 Min	25 Min
Temp (°C)	18.3	18.3	18.5		
pH	6.93	6.75	6.83		
S.C.	135.5	132.9	121.7		
Turbidity	–	–	–		

Time Sample Collected: 1250

Water Condition (turbodity, color, odor): clear, odorless

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: _____

SHEALY ENVIRONMENTAL SERVICES, INC.

Chain of Custody Record

106 Vantage Point Drive • West Columbia, SC 29172
Telephone No. 803-791-9700 Fax No. 803-791-9111
www.shealylab.com

Number 48342

Client: NCDENR - DWM	Report to Contact: Vince Antrilli	Telephone No. / E-mail: 919-707-8353	Quote No.
Address: 217 W Jones St	Sampler's Signature: X [signature]	Analysis (Attach list if more space is needed)	Page____ of ____
City: Raleigh; State: NC; Zip Code: 27603	Printed Name: Vincent Antrilli Jr		
Project Name: Perth Rd PCE			
Project No.: NONCD0002733	P.O. No.		Laboratory Lot Number

Sample ID / Description (Containers for each sample may be combined on one line.)	Date	Time	G=Grab C=Composite	Matrix: Aqueous	Solid	Non-Aqueous	No of Containers by Preservative Type: Unpres.	H2SO4	HNO3	HCl	NaOH	5035 Kit	VOCs	Remarks / Cooler I.D.
Trip Blank	—	—								2			✓	
1156 Perth	7-29-15	10:50		✓						3			✓	
128 Driftwood	↓	11:15		✓						3			✓	
147 Driftwood		11:40		✓						3			✓	
153 Driftwood		12:00		✓						3			✓	
162 Driftwood		12:20		✓						3			✓	
1152 Perth		12:50		✓						3			✓	

Turn Around Time Required (Prior lab approval required for expedited TAT.) ☐ **Standard** ☐ **Rush (Specify)**

Sample Disposal: ☐ Return to Client ☐ Disposal by Lab

Possible Hazard Identification: ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison ☐ Unknown

QC Requirements (Specify)

1. Relinquished by: Vincent Antrilli Jr [signature]	Date: 7-29-15	Time	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 four weeks from receipt unless other arrangements are made.

LAB USE ONLY
Received on ice (Circle) Yes No Ice Pack

Receipt Temp._____ °C

DISTRIBUTION: WHITE & YELLOW-Return to laboratory with Sample(s); PINK-Field/Client Copy

Perth Road PCE Site

Troutman, Iredell County
IHSB ID NONCD0002733

Property Address	Owner Name	Date Request Letter Mailed	Date Response Rec'd	Call Date	Property Visit Date	Access Granted (Y/N)
1156 Perth Road	Marlan Properties Inc	6-19-15	7-1-15			Y
1152 Perth Road	Morningstar Marinas 704-528-3318	~~Crystal~~	Christie	gave verbal permission by phone		
141 Driftwood Cove Dr	Sandra Cochran 704-528-2297			left message		no
147 Driftwood Cove Dr	Raymond May		6-26-15			Y
153 Driftwood Cove Dr	Randy and Elizabeth Ellsworth		6-26-15			Y
162 Driftwood Cove Dr	Lisa Barker Living Trust David Barker		6-30-15			Y
160 Driftwood Cove Dr	Wayne and Sandra Martin 704-528-9403			left message		
158 Driftwood Cove Dr	Linda Lancaster 704-528-5754		no ans machine			
138 Driftwood Cove Dr	Hubert and Gaynelle Lancaster		704-528-9736	left message		
128 Driftwood Cove Dr	Matthew Miller		6-30-15			Y
120 Driftwood Cove Dr	James Hall et al 910-339-8377 (Vi Hall)					
173 Driftwood Cove Dr	Leroy Plyler ~~no contact info~~					
167 Driftwood Cove Dr	Terry and Crystal Smith No Bldg					
154 Driftwood Cove Dr	Linda Lancaster (Garage)					

Get form signed in person

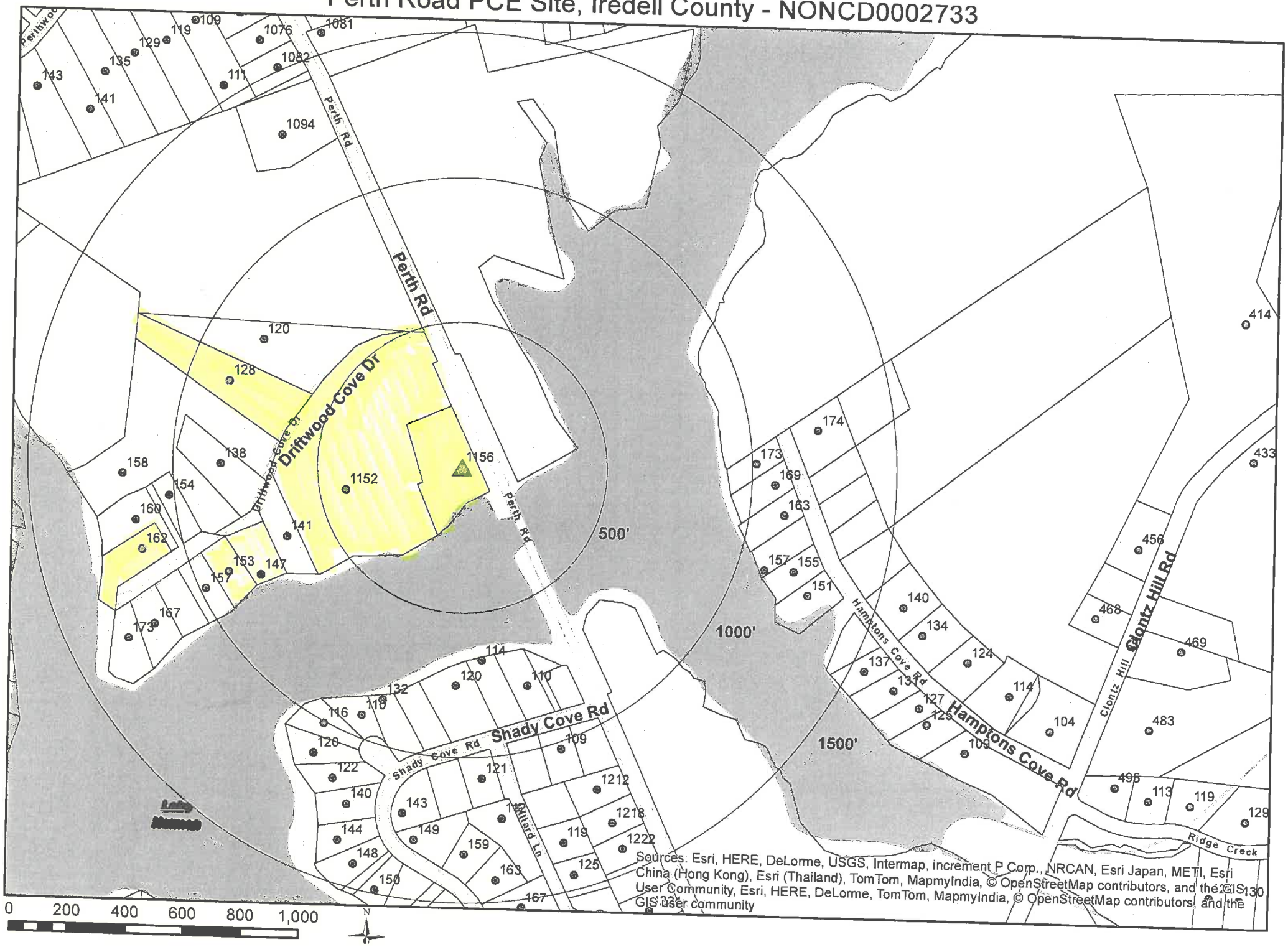
Is suppose to send ltr back w/ working copy

do not come on property

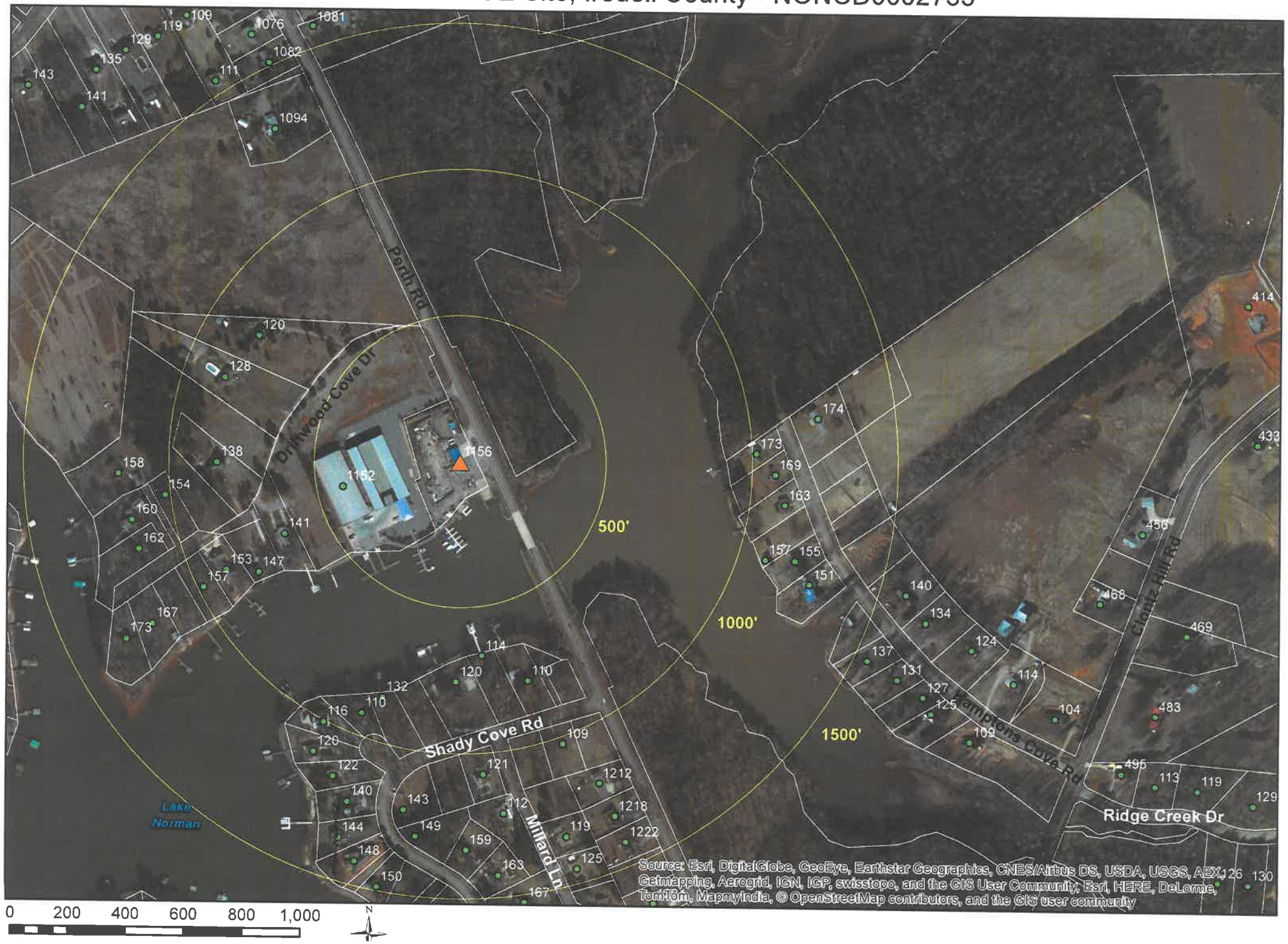
(Box was not checked, called for clarification)

704-873-6021 (Business)

Perth Road PCE Site, Iredell County - NONCD0002733



Perth Road PCE Site, Iredell County - NONCD0002733



PROPERTY ACCESS & SAMPLING PERMISSION

I am the owner of the property located at 1152 Perth Road.

☑ YES. I grant the Division of Waste Management and/or its contractors permission to access my property and collect samples as indicated below from my property.

☐ NO. I do not grant the Division of Waste Management and/or its contractors permission to access my property and collect samples from my property.

_X_ Potable Well. Does your well have a treatment system (Yes/No) _____

___ Soil

___ Groundwater

___ Other (Include Description)_____

Analyses: _X_ VOCs ___ SVOCs ___ Metals ___ Pesticides ___ Other

Christy Marr
(Print Name)

(704) 536-3328
(Telephone Number)

Christy Marr
(Signature)

7/29/15
(Date)

Please return this signed form in the enclosed stamped envelope to:

Vincent Antrilli, Jr.
Division of Waste Management
Inactive Hazardous Sites Branch
1646 Mail Service Center
Raleigh, North Carolina 27699

Perth Road PCE Site
Troutman, Iredell County
IHSB ID NONCD0002733

RECEIVED
JUN 29 2015
Superfund Section

PROPERTY ACCESS & SAMPLING PERMISSION

I am the owner of the property located at 162 Driftwood Cove Dr.

☐ YES. I grant the Division of Waste Management and/or its contractors permission to access my property and collect samples as indicated below from my property.

☐ NO. I do not grant the Division of Waste Management and/or its contractors permission to access my property and collect samples from my property.

_X_ Potable Well. Does your well have a treatment system (Yes/No) _____

___ Soil

___ Groundwater

___ Other (Include Description)_____

Analyses: _X_ VOCs ___ SVOCs ___ Metals ___ Pesticides ___ Other

DAVID BARKER
(Print Name)

603-226-0491
(Telephone Number)

(Signature)

6-23-15
(Date)

Please return this signed form in the enclosed stamped envelope to:

Vincent Antrilli, Jr.
Division of Waste Management
Inactive Hazardous Sites Branch
1646 Mail Service Center
Raleigh, North Carolina 27699

Perth Road PCE Site
Troutman, Iredell County
IHSB ID NONCD0002733

RECEIVED
JUL 1 2015
Superfund Section

PROPERTY ACCESS & SAMPLING PERMISSION

I am the owner of the property located at 1156 Perth Road.

☒ YES. I grant the Division of Waste Management and/or its contractors permission to access my property and collect samples as indicated below from my property.

☐ NO. I do not grant the Division of Waste Management and/or its contractors permission to access my property and collect samples from my property.

_X_ Potable Well. Does your well have a treatment system (Yes/No) NO

___ Soil

___ Groundwater

___ Other (Include Description)_____

Analyses: _X_ VOCs ___ SVOCs ___ Metals ___ Pesticides ___ Other

J. MARK LANCASTER
(Print Name)

704-528-7400
(Telephone Number)

J. Mark Lancaster
(Signature)

6-23-15
(Date)

Please return this signed form in the enclosed stamped envelope to:

Vincent Antrilli, Jr.
Division of Waste Management
Inactive Hazardous Sites Branch
1646 Mail Service Center
Raleigh, North Carolina 27699

Perth Road PCE Site
Troutman, Iredell County
IHSB ID NONCD0002733

RECEIVED
JUN 29 2015
Superfund Section

PROPERTY ACCESS & SAMPLING PERMISSION

I am the owner of the property located at 128 Driftwood Cove Dr.

☑ YES. I grant the Division of Waste Management and/or its contractors permission to access my property and collect samples as indicated below from my property.

☐ NO. I do not grant the Division of Waste Management and/or its contractors permission to access my property and collect samples from my property.

_X_ Potable Well. Does your well have a treatment system (Yes/No) No

___ Soil

___ Groundwater

___ Other (Include Description)_____

Analyses: _X_ VOCs ___ SVOCs ___ Metals ___ Pesticides ___ Other

MATTHEW MILLER
(Print Name)

704-400-2379
(Telephone Number)

Matthew Miller
(Signature)

6-22-15
(Date)

Please return this signed form in the enclosed stamped envelope to:

Vincent Antrilli, Jr.
Division of Waste Management
Inactive Hazardous Sites Branch
1646 Mail Service Center
Raleigh, North Carolina 27699

Perth Road PCE Site
Troutman, Iredell County
IHSB ID NONCD0002733

PROPERTY ACCESS & SAMPLING PERMISSION

I am the owner of the property located at 153 Driftwood Cove Dr.

☑ YES. I grant the Division of Waste Management and/or its contractors permission to access my property and collect samples as indicated below from my property.

☐ NO. I do not grant the Division of Waste Management and/or its contractors permission to access my property and collect samples from my property.

_X_ Potable Well. Does your well have a treatment system (Yes/No) NO

___ Soil

___ Groundwater

___ Other (Include Description)_____

Analyses: _X_ VOCs ___ SVOCs ___ Metals ___ Pesticides ___ Other

RANDY ELLSWORTH
(Print Name)

704-873-5348
(Telephone Number)

Randy Ellsworth
(Signature)

6-2-15
(Date)

Please return this signed form in the enclosed stamped envelope to:

Vincent Antrilli, Jr.
Division of Waste Management
Inactive Hazardous Sites Branch
1646 Mail Service Center
Raleigh, North Carolina 27699

Perth Road PCE Site
Troutman, Iredell County
IHSB ID NONCD0002733

RAYMOND L. MAY
147 DRIFTWOOD COVE DR
TROUTMAN, N.C
28166

PROPERTY ACCESS & SAMPLING PERMISSION

I am the owner of the property located at 147 Driftwood Cove Dr.

☒ YES. I grant the Division of Waste Management and/or its contractors permission to access my property and collect samples as indicated below from my property.

☐ NO. I do not grant the Division of Waste Management and/or its contractors permission to access my property and collect samples from my property.

_X_ Potable Well. Does your well have a treatment system (Yes/No) No

___ Soil

___ Groundwater

___ Other (Include Description)_____

Analyses: _X_ VOCs ___ SVOCs ___ Metals ___ Pesticides ___ Other

RAYMOND L. MAY
(Print Name)

704-634-1171
(Telephone Number)

Raymond L. May
(Signature)

6/22/15
(Date)

Please return this signed form in the enclosed stamped envelope to:

Vincent Antrilli, Jr.
Division of Waste Management
Inactive Hazardous Sites Branch
1646 Mail Service Center
Raleigh, North Carolina 27699

Perth Road PCE Site
Troutman, Iredell County
IHSB ID NONCD0002733

NCDENR

North Carolina Department of Environment and Natural Resources

Pat McCrory
Governor

Donald R. van der Vaart
Secretary

June 19, 2015

Sandra Cochran
141 Driftwood Cove Dr
Troutman, NC 28166

Re: Water Supply Well Sampling
141 Driftwood Cove Dr
Perth Road PCE Site
IHSB ID NONCD0002733

Dear Sandra Cochran:

The North Carolina Department of Environment and Natural Resources, Division of Waste Management (Division) is currently conducting an investigation of groundwater contamination in the area of your property located at 141 Driftwood Cove Dr in Troutman, Iredell County, NC. The purpose of this letter is to request your permission to sample the water supply well located on your property. This sampling will be performed by Division staff or the Division's contractor at no cost to you. You do not have to be present to have your well sampled. 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. If you are willing to provide permission to sample your well, please sign the attached permission form and return it to our office in the enclosed stamped envelope within 14 days. Upon receipt we will notify you of the planned date of sampling.

If you do not wish to grant permission to sample your well, you are advised have it tested for Volatile Organic Chemicals by a private laboratory or the local health department because your well may be contaminated. The private lab or health department will likely charge a fee for this sampling. Please contact me at (919) 707-8353 or by email at Vincent.Antrilli@ncdenr.gov if you have any questions.

Sincerely,

Vincent Antrilli, Jr.
Environmental Specialist / Bernard Allen Fund Program Manager
Division of Waste Management, NCDENR

NCDENR
North Carolina Department of Environment and Natural Resources

Pat McCrory
Governor

Donald R. van der Vaart
Secretary

June 19, 2015

Linda Lancaster
158 Driftwood Cove Dr
Troutman, NC 28166

Re: Water Supply Well Sampling
154 and 158 Driftwood Cove Dr
Perth Road PCE Site
IHSB ID NONCD0002733

Dear Linda Lancaster:

The North Carolina Department of Environment and Natural Resources, Division of Waste Management (Division) is currently conducting an investigation of groundwater contamination in the area of your property located at 154 and 158 Driftwood Cove Dr in Troutman, Iredell County, NC. The purpose of this letter is to request your permission to sample the water supply well located on your property. This sampling will be performed by Division staff or the Division's contractor at no cost to you. You do not have to be present to have your well sampled. 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. If you are willing to provide permission to sample your well, please sign the attached permission form and return it to our office in the enclosed stamped envelope within 14 days. Upon receipt we will notify you of the planned date of sampling.

If you do not wish to grant permission to sample your well, you are advised have it tested for Volatile Organic Chemicals by a private laboratory or the local health department because your well may be contaminated. The private lab or health department will likely charge a fee for this sampling. Please contact me at (919) 707-8353 or by email at Vincent.Antrilli@ncdenr.gov if you have any questions.

Sincerely,

Vincent Antrilli, Jr.
Environmental Specialist / Bernard Allen Fund Program Manager
Division of Waste Management, NCDENR

NCDENR

North Carolina Department of Environment and Natural Resources

Pat McCrory
Governor

Donald R. van der Vaart
Secretary

June 19, 2015

Hubert and Gaynelle Lancaster
138 Driftwood Cove Dr
Troutman, NC 28166

Re: Water Supply Well Sampling
138 Driftwood Cove Dr
Perth Road PCE Site
IHSB ID NONCD0002733

Dear Hubert and Gaynelle Lancaster:

The North Carolina Department of Environment and Natural Resources, Division of Waste Management (Division) is currently conducting an investigation of groundwater contamination in the area of your property located at 138 Driftwood Cove Dr in Troutman, Iredell County, NC. The purpose of this letter is to request your permission to sample the water supply well located on your property. This sampling will be performed by Division staff or the Division's contractor at no cost to you. You do not have to be present to have your well sampled. 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. If you are willing to provide permission to sample your well, please sign the attached permission form and return it to our office in the enclosed stamped envelope within 14 days. Upon receipt we will notify you of the planned date of sampling.

If you do not wish to grant permission to sample your well, you are advised have it tested for Volatile Organic Chemicals by a private laboratory or the local health department because your well may be contaminated. The private lab or health department will likely charge a fee for this sampling. Please contact me at (919) 707-8353 or by email at Vincent.Antrilli@ncdenr.gov if you have any questions.

Sincerely,

Vincent Antrilli, Jr.
Environmental Specialist / Bernard Allen Fund Program Manager
Division of Waste Management, NCDENR

NCDENR

North Carolina Department of Environment and Natural Resources

Pat McCrory
Governor

Donald R. van der Vaart
Secretary

June 19, 2015

James Hall et al
120 Driftwood Cove Dr
Troutman, NC 28166

Re: Water Supply Well Sampling
120 Driftwood Cove Dr
Perth Road PCE Site
IHSB ID NONCD0002733

Dear James Hall et al:

The North Carolina Department of Environment and Natural Resources, Division of Waste Management (Division) is currently conducting an investigation of groundwater contamination in the area of your property located at 120 Driftwood Cove Dr in Troutman, Iredell County, NC. The purpose of this letter is to request your permission to sample the water supply well located on your property. This sampling will be performed by Division staff or the Division's contractor at no cost to you. You do not have to be present to have your well sampled. 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. If you are willing to provide permission to sample your well, please sign the attached permission form and return it to our office in the enclosed stamped envelope within 14 days. Upon receipt we will notify you of the planned date of sampling.

If you do not wish to grant permission to sample your well, you are advised have it tested for Volatile Organic Chemicals by a private laboratory or the local health department because your well may be contaminated. The private lab or health department will likely charge a fee for this sampling. Please contact me at (919) 707-8353 or by email at Vincent.Antrilli@ncdenr.gov if you have any questions.

Sincerely,

Vincent Antrilli, Jr.
Environmental Specialist / Bernard Allen Fund Program Manager
Division of Waste Management, NCDENR

NCDENR

North Carolina Department of Environment and Natural Resources

Pat McCrory
Governor

Donald R. van der Vaart
Secretary

June 19, 2015

Leroy Plyler
101 W Broad St
Statesville, NC 28677

Re: Water Supply Well Sampling
173 Driftwood Cove Dr
Perth Road PCE Site
IHSB ID NONCD0002733

Dear Leroy Plyler:

The North Carolina Department of Environment and Natural Resources, Division of Waste Management (Division) is currently conducting an investigation of groundwater contamination in the area of your property located at 173 Driftwood Cove Dr in Troutman, Iredell County, NC. The purpose of this letter is to request your permission to sample the water supply well located on your property. This sampling will be performed by Division staff or the Division's contractor at no cost to you. You do not have to be present to have your well sampled. 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. If you are willing to provide permission to sample your well, please sign the attached permission form and return it to our office in the enclosed stamped envelope within 14 days. Upon receipt we will notify you of the planned date of sampling.

If you do not wish to grant permission to sample your well, you are advised have it tested for Volatile Organic Chemicals by a private laboratory or the local health department because your well may be contaminated. The private lab or health department will likely charge a fee for this sampling. Please contact me at (919) 707-8353 or by email at Vincent.Antrilli@ncdenr.gov if you have any questions.

Sincerely,

Vincent Antrilli, Jr.
Environmental Specialist / Bernard Allen Fund Program Manager
Division of Waste Management, NCDENR

1646 Mail Service Center, Raleigh, North Carolina 27699-1646
Phone: 919-707-8200 \ Internet: www.ncdenr.gov

An Equal Opportunity / Affirmative Action Employer - 50 % Recycled \ 10 % Post Consumer Paper

NCDENR

North Carolina Department of Environment and Natural Resources

Pat McCrory
Governor

Donald R. van der Vaart
Secretary

June 19, 2015

Wayne and Sandra Martin
160 Driftwood Cove Dr
Troutman, NC 28166

Re: Water Supply Well Sampling
160 Driftwood Cove Dr
Perth Road PCE Site
IHSB ID NONCD0002733

Dear Wayne and Sandra Martin:

The North Carolina Department of Environment and Natural Resources, Division of Waste Management (Division) is currently conducting an investigation of groundwater contamination in the area of your property located at 160 Driftwood Cove Dr in Troutman, Iredell County, NC. The purpose of this letter is to request your permission to sample the water supply well located on your property. This sampling will be performed by Division staff or the Division's contractor at no cost to you. You do not have to be present to have your well sampled. 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. If you are willing to provide permission to sample your well, please sign the attached permission form and return it to our office in the enclosed stamped envelope within 14 days. Upon receipt we will notify you of the planned date of sampling.

If you do not wish to grant permission to sample your well, you are advised have it tested for Volatile Organic Chemicals by a private laboratory or the local health department because your well may be contaminated. The private lab or health department will likely charge a fee for this sampling. Please contact me at (919) 707-8353 or by email at Vincent.Antrilli@ncdenr.gov if you have any questions.

Sincerely,

Vincent Antrilli, Jr.
Environmental Specialist / Bernard Allen Fund Program Manager
Division of Waste Management, NCDENR

NCDENR

North Carolina Department of Environment and Natural Resources

Pat McCrory
Governor

Donald R. van der Vaart
Secretary

June 19, 2015

Terry and Crystal Smith
PO Box 2210
Boca Grand, FL 34233

Re: Water Supply Well Sampling
167 Driftwood Cove Dr
Perth Road PCE Site
IHSB ID NONCD0002733

Dear Terry and Crystal Smith:

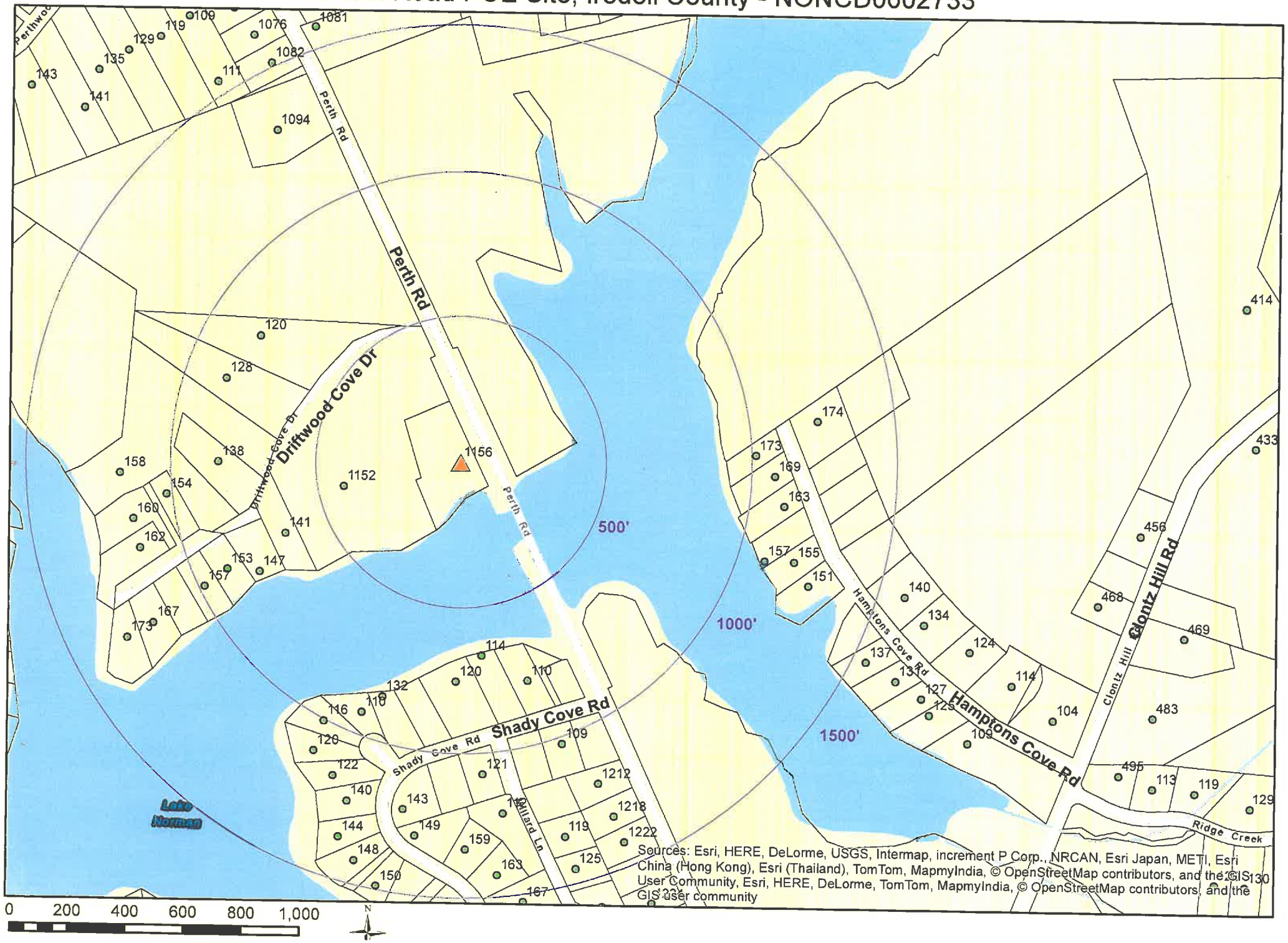
The North Carolina Department of Environment and Natural Resources, Division of Waste Management (Division) is currently conducting an investigation of groundwater contamination in the area of your property located at 167 Driftwood Cove Dr in Troutman, Iredell County, NC. The purpose of this letter is to request your permission to sample the water supply well located on your property. This sampling will be performed by Division staff or the Division's contractor at no cost to you. You do not have to be present to have your well sampled. 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. If you are willing to provide permission to sample your well, please sign the attached permission form and return it to our office in the enclosed stamped envelope within 14 days. Upon receipt we will notify you of the planned date of sampling.

If you do not wish to grant permission to sample your well, you are advised have it tested for Volatile Organic Chemicals by a private laboratory or the local health department because your well may be contaminated. The private lab or health department will likely charge a fee for this sampling. Please contact me at (919) 707-8353 or by email at Vincent.Antrilli@ncdenr.gov if you have any questions.

Sincerely,

Vincent Antrilli, Jr.
Environmental Specialist / Bernard Allen Fund Program Manager
Division of Waste Management, NCDENR

Perth Road PCE Site, Iredell County - NONCD0002733



Jones, Anna

From: Danielle Upright <dupright@troutmannc.gov>
Sent: Thursday, May 28, 2015 2:25 PM
To: Jones, Anna
Subject: Re: Perth Road PCE Site NONCD0002733
Attachments: Copy of Utility Connection Status Log - Perth Rd Utilities List.xlsx

Good Afternoon this had already been completed and sent to someone else with your agency a few weeks back. I have attached those results.

On Thu, May 28, 2015 at 9:12 AM, Jones, Anna <anna.jones@ncdenr.gov> wrote:

Ms. Upright,

The Inactive Hazardous Sites Branch of NCDENR is conducting an investigation of water supply wells in the area of potential groundwater contamination near Perth Road in Troutman, NC. As part of this investigation we need to know which residences (see list attached) are connected to the public water system. We request that you or someone in the utility department note on the list which residences are currently connected to the water system. Your assistance is very much appreciated.

Let me know if you have any questions.

Anna Jones

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

Perth Road PCE Site, Iredell County NONCD0002733

Well Address	Parcel ID#	Water Service Y/N	Well Address	Parcel ID#	Water Service Y/N
1094 Perth Road	4730-63-9919	N	120 Driftwood Cove Dr	4730-63-8292	N
1152 Perth Road	4730-72-1894	N	128 Driftwood Cove Dr	4730-63-7131	N
1156 Perth Road	4730-72-5706	N	138 Driftwood Cove Dr	4730-62-7800	N
1212 Perth Road	4730-81-0733	N	141 Driftwood Cove Dr	4730-62-9611	N
1218 Perth Road	4730-81-0683	N	147 Driftwood Cove Dr	4730-62-8540	N
1222 Perth Road	4730-81-1534	N	153 Driftwood Cove Dr	4730-62-7443	N
			154 Driftwood Cove Dr	4730-62-5646	N
			158 Driftwood Cove Dr	4730-62-3726	N
109 Shady Cove Road	4730-71-9804	N	160 Driftwood Cove Dr	4730-62-3682	N
110 Shady Cove Road	4730-72-7067	N	162 Driftwood Cove Dr	4730-62-4408	N
120 Shady Cove Road	4730-72-5042	N	173 Driftwood Cove Dr	4730-62-3197	N
121 Shady Cove Road	4730-71-6725	N			
140 Shady Cove Road	4730-71-1666	N			
144 Shady Cove Road	4730-71-1544	N	110 Lily Pad Loop	4730-71-2904	N
148 Shady Cove Road	4730-71-1496	N	116 Lily Pad Loop	4730-71-1902	N
159 Shady Cove Road	4730-71-5489	N	120 Lily Pad Loop	4730-71-0873	N
163 Shady Cove Road	4730-71-6471	N	122 Lily Pad Loop	4730-71-1735	N
151 Hamptons Cove Road	4730-82-7349	N	112 Millard Lane	4730-71-7533	N
155 Hamptons Cove Road	4730-82-6590	N	119 Millard Lane	4730-71-9525	N
157 Hamptons Cove Road	4730-82-6569	N	125 Millard Lane	4730-71-9473	N
163 Hamptons Cove Road	4730-82-6627	N			
169 Hamptons Cove Road	4730-82-5787	N			
173 Hamptons Cove Road	4730-82-5846	N			
174 Hamptons Cove Road	4730-82-7987	N			

Jones, Anna

From: Danny Sloan <dsloan@iredellwater.com>
Sent: Wednesday, May 27, 2015 1:45 PM
To: Jones, Anna
Subject: FW: Utility Connecton Status - Perth Road PCE Site

Anna,
We don't serve this area. I replied back to you the same day you emailed me and also to Mr. Broda a few weeks later. (See below)

Danny Sloan
Assistant Manager
Iredell Water Corporation
571 Jennings Rd.
PO Box 711
Statesville, NC 28687

dsloan@iredellwater.com
Office - 704-876-0672
Direct - 704-495-6478
Mobile - 704-902-6483
Fax - 704-876-2026
www.iredellwater.com

"When the well's dry, we know the worth of water." Benjamin Franklin

From: Danny Sloan
Sent: Monday, May 04, 2015 2:10 PM
To: 'Broda, Robert'
Subject: RE: Utility Connecton Status - Perth Road PCE Site

No problem & you're welcome!

Danny Sloan
Assistant Manager
Iredell Water Corporation
571 Jennings Rd.
PO Box 711
Statesville, NC 28687

dsloan@iredellwater.com
Office - 704-876-0672

"When the well's dry, we know the worth of water." Benjamin Franklin

From: Broda, Robert [mailto:robert.broda@ncdenr.gov]
Sent: Monday, May 04, 2015 1:33 PM
To: Danny Sloan
Subject: Utility Connecton Status - Perth Road PCE Site

Danny,

My colleague Anna Jones informed me that she emailed you on 4/21/2015 regarding a water contamination site off of Perth Road. She sent the attached spread sheet and requested addresses that are connected to public water supply. I am just following up to see if you have had a chance to look at the spread sheet. Thank you very much for your time.

Sincerely,
Robert Broda