Client Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: GTAC Nockamixon

Job ID: 410-124665-1

Client Sample ID: MW-1~~S~~ 1Ss DA
Date Collected: 04/27/23 10:50
Date Received: 04/28/23 13:10

Lab Sample ID: 410-124665-3
Matrix: Water

Method: SW846 8260C SIM 14D - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**11**		0.40	0.17	ug/L			05/10/23 14:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*103*		*80 - 120*		*05/10/23 14:48*	*1*

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,3-Dichloropropene	ND		1.0	0.20	ug/L			05/10/23 15:34	1
trans-1,3-Dichloropropene	ND		1.0	0.20	ug/L			05/10/23 15:34	1
Ethylbenzene	ND		1.0	0.40	ug/L			05/10/23 15:34	1
Styrene	ND		5.0	0.30	ug/L			05/10/23 15:34	1
1,4-Dichlorobenzene	ND		5.0	0.30	ug/L			05/10/23 15:34	1
1,2-Dibromoethane	ND		1.0	0.20	ug/L			05/10/23 15:34	1
1,2-Dichloroethane	ND		1.0	0.30	ug/L			05/10/23 15:34	1
4-Methyl-2-pentanone	ND	^c cn	10	0.50	ug/L			05/10/23 15:34	1
Methylcyclohexane	ND		5.0	0.50	ug/L			05/10/23 15:34	1
Toluene	ND		1.0	0.20	ug/L			05/10/23 15:34	1
Chlorobenzene	ND		1.0	0.30	ug/L			05/10/23 15:34	1
Cyclohexane	ND		5.0	1.0	ug/L			05/10/23 15:34	1
1,2,4-Trichlorobenzene	ND		5.0	0.30	ug/L			05/10/23 15:34	1
Dibromochloromethane	ND		1.0	0.20	ug/L			05/10/23 15:34	1
Xylenes, Total	ND		1.0	0.40	ug/L			05/10/23 15:34	1
Tetrachloroethene	**19**		1.0	0.30	ug/L			05/10/23 15:34	1
cis-1,2-Dichloroethene	**230**		1.0	0.30	ug/L			05/10/23 15:34	1
trans-1,2-Dichloroethene	**1.7**	**J**	2.0	0.70	ug/L			05/10/23 15:34	1
Methyl tertiary butyl ether	ND		1.0	0.20	ug/L			05/10/23 15:34	1
1,3-Dichlorobenzene	ND		5.0	0.68	ug/L			05/10/23 15:34	1
Carbon tetrachloride	ND		1.0	0.30	ug/L			05/10/23 15:34	1
2-Hexanone	ND	^c cn	10	0.85	ug/L			05/10/23 15:34	1
Acetone	ND	^c cn	20	0.70	ug/L			05/10/23 15:34	1
Chloroform	ND		1.0	0.30	ug/L			05/10/23 15:34	1
Benzene	ND		1.0	0.30	ug/L			05/10/23 15:34	1
1,1,1-Trichloroethane	**26**		1.0	0.30	ug/L			05/10/23 15:34	1
Bromomethane	ND		1.0	0.30	ug/L			05/10/23 15:34	1
Chloromethane	ND		2.0	0.55	ug/L			05/10/23 15:34	1
Chloroethane	ND		1.0	0.20	ug/L			05/10/23 15:34	1
Vinyl chloride	ND		1.0	0.20	ug/L			05/10/23 15:34	1
Methylene Chloride	ND		1.0	0.30	ug/L			05/10/23 15:34	1
Carbon disulfide	ND	^c cn	5.0	0.30	ug/L			05/10/23 15:34	1
Bromoform	ND		4.0	1.0	ug/L			05/10/23 15:34	1
Bromodichloromethane	ND		1.0	0.20	ug/L			05/10/23 15:34	1
1,1-Dichloroethane	**1.3**		1.0	0.30	ug/L			05/10/23 15:34	1
1,1-Dichloroethene	**2.5**		1.0	0.30	ug/L			05/10/23 15:34	1
Trichlorofluoromethane	ND		1.0	0.20	ug/L			05/10/23 15:34	1
Dichlorodifluoromethane	ND		1.0	0.20	ug/L			05/10/23 15:34	1
Freon 113	ND		10	0.30	ug/L			05/10/23 15:34	1
1,2-Dichloropropane	ND		1.0	0.30	ug/L			05/10/23 15:34	1
2-Butanone	ND		10	0.50	ug/L			05/10/23 15:34	1
1,1,2-Trichloroethane	**0.90**	**J**	1.0	0.30	ug/L			05/10/23 15:34	1
Methyl acetate	ND		5.0	0.30	ug/L			05/10/23 15:34	1

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Client: Groundwater & Environmental Services Inc
Project/Site: GTAC Nockamixon

Job ID: 410-124665-1

Client Sample ID: MW-1~~5S~~ 1Ss DA
Date Collected: 04/27/23 10:50
Date Received: 04/28/23 13:10

Lab Sample ID: 410-124665-3
Matrix: Water

Method: SW846 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		1.0	0.30	ug/L			05/10/23 15:34	1
1,2-Dichlorobenzene	ND		5.0	0.20	ug/L			05/10/23 15:34	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.30	ug/L			05/10/23 15:34	1
Isopropylbenzene	ND		5.0	0.20	ug/L			05/10/23 15:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*110*		*80 - 120*		*05/10/23 15:34*	*1*
Dibromofluoromethane (Surr)	*106*		*80 - 120*		*05/10/23 15:34*	*1*
4-Bromofluorobenzene (Surr)	*98*		*80 - 120*		*05/10/23 15:34*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*05/10/23 15:34*	*1*

Method: SW846 8260C - Volatile Organic Compounds by GC/MS - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	**570**		10	3.0	ug/L			05/11/23 22:37	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*80 - 120*		*05/11/23 22:37*	*10*
Dibromofluoromethane (Surr)	*102*		*80 - 120*		*05/11/23 22:37*	*10*
4-Bromofluorobenzene (Surr)	*99*		*80 - 120*		*05/11/23 22:37*	*10*
Toluene-d8 (Surr)	*110*		*80 - 120*		*05/11/23 22:37*	*10*

Client Sample ID: MW-2U

Lab Sample ID: 410-124665-16

Date Collected: 04/27/23 12:10

Matrix: Water

Date Received: 04/28/23 13:10

Method: SW846 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl acetate	ND		50	3.0	ug/L			05/11/23 02:23	10
1,1,2,2-Tetrachloroethane	ND		10	3.0	ug/L			05/11/23 02:23	10
1,2-Dichlorobenzene	ND		50	2.0	ug/L			05/11/23 02:23	10
1,2-Dibromo-3-Chloropropane	ND		50	3.0	ug/L			05/11/23 02:23	10
Isopropylbenzene	ND		50	2.0	ug/L			05/11/23 02:23	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*80 - 120*		*05/11/23 02:23*	*10*
Dibromofluoromethane (Surr)	*105*		*80 - 120*		*05/11/23 02:23*	*10*
4-Bromofluorobenzene (Surr)	*96*		*80 - 120*		*05/11/23 02:23*	*10*
Toluene-d8 (Surr)	*100*		*80 - 120*		*05/11/23 02:23*	*10*

Client Sample ID: MW-2L

Lab Sample ID: 410-124665-17

Date Collected: 04/27/23 12:15

Matrix: Water

Date Received: 04/28/23 13:10

Method: SW846 8260C SIM 14D - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	49	cn	4.0	1.7	ug/L			05/10/23 15:48	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*103*	*cn*	*80 - 120*		*05/10/23 15:48*	*10*

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,3-Dichloropropene	ND		50	10	ug/L			05/11/23 02:46	50
trans-1,3-Dichloropropene	ND		50	10	ug/L			05/11/23 02:46	50
Ethylbenzene	ND		50	20	ug/L			05/11/23 02:46	50
Styrene	ND		250	15	ug/L			05/11/23 02:46	50
1,4-Dichlorobenzene	ND		250	15	ug/L			05/11/23 02:46	50
1,2-Dibromoethane	ND		50	10	ug/L			05/11/23 02:46	50
1,2-Dichloroethane	ND		50	15	ug/L			05/11/23 02:46	50
4-Methyl-2-pentanone	ND		500	25	ug/L			05/11/23 02:46	50
Methylcyclohexane	ND		250	25	ug/L			05/11/23 02:46	50
Toluene	ND		50	10	ug/L			05/11/23 02:46	50
Chlorobenzene	ND		50	15	ug/L			05/11/23 02:46	50
Cyclohexane	ND		250	50	ug/L			05/11/23 02:46	50
1,2,4-Trichlorobenzene	ND		250	15	ug/L			05/11/23 02:46	50
Dibromochloromethane	ND		50	10	ug/L			05/11/23 02:46	50
Xylenes, Total	ND		50	20	ug/L			05/11/23 02:46	50
Tetrachloroethene	130		50	15	ug/L			05/11/23 02:46	50
cis-1,2-Dichloroethene	950		50	15	ug/L			05/11/23 02:46	50
trans-1,2-Dichloroethene	ND		100	35	ug/L			05/11/23 02:46	50
Methyl tertiary butyl ether	ND		50	10	ug/L			05/11/23 02:46	50
1,3-Dichlorobenzene	ND		250	34	ug/L			05/11/23 02:46	50
Carbon tetrachloride	ND		50	15	ug/L			05/11/23 02:46	50
2-Hexanone	ND		500	43	ug/L			05/11/23 02:46	50
Acetone	ND		1000	35	ug/L			05/11/23 02:46	50
Chloroform	ND		50	15	ug/L			05/11/23 02:46	50
Benzene	ND		50	15	ug/L			05/11/23 02:46	50
1,1,1-Trichloroethane	35	J	50	15	ug/L			05/11/23 02:46	50
Bromomethane	ND		50	15	ug/L			05/11/23 02:46	50
Chloromethane	ND	^c cn	100	28	ug/L			05/11/23 02:46	50
Chloroethane	ND		50	10	ug/L			05/11/23 02:46	50
Vinyl chloride	ND		50	10	ug/L			05/11/23 02:46	50
Methylene Chloride	ND		50	15	ug/L			05/11/23 02:46	50
Carbon disulfide	ND		250	15	ug/L			05/11/23 02:46	50
Bromoform	ND		200	50	ug/L			05/11/23 02:46	50
Bromodichloromethane	ND		50	10	ug/L			05/11/23 02:46	50
1,1-Dichloroethane	ND		50	15	ug/L			05/11/23 02:46	50
1,1-Dichloroethene	120		50	15	ug/L			05/11/23 02:46	50
Trichlorofluoromethane	ND		50	10	ug/L			05/11/23 02:46	50
Dichlorodifluoromethane	ND	^c cn	50	10	ug/L			05/11/23 02:46	50
Freon 113	ND		500	15	ug/L			05/11/23 02:46	50
1,2-Dichloropropane	ND		50	15	ug/L			05/11/23 02:46	50
2-Butanone	ND		500	25	ug/L			05/11/23 02:46	50
1,1,2-Trichloroethane	ND		50	15	ug/L			05/11/23 02:46	50
Trichloroethene	2700		50	15	ug/L			05/11/23 02:46	50

Client Sample ID: MW-2L

Lab Sample ID: 410-124665-17

Date Collected: 04/27/23 12:15

Matrix: Water

Date Received: 04/28/23 13:10

Method: SW846 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl acetate	ND		250	15	ug/L			05/11/23 02:46	50
1,1,2,2-Tetrachloroethane	ND		50	15	ug/L			05/11/23 02:46	50
1,2-Dichlorobenzene	ND		250	10	ug/L			05/11/23 02:46	50
1,2-Dibromo-3-Chloropropane	ND		250	15	ug/L			05/11/23 02:46	50
Isopropylbenzene	ND		250	10	ug/L			05/11/23 02:46	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*109*		*80 - 120*		*05/11/23 02:46*	*50*
Dibromofluoromethane (Surr)	*105*		*80 - 120*		*05/11/23 02:46*	*50*
4-Bromofluorobenzene (Surr)	*96*		*80 - 120*		*05/11/23 02:46*	*50*
Toluene-d8 (Surr)	*99*		*80 - 120*		*05/11/23 02:46*	*50*

Client: Groundwater & Environmental Services Inc
Project/Site: GTAC Nockamixon

Job ID: 410-124665-1

Client Sample ID: MW-3L

Date Collected: 04/27/23 13:35
Date Received: 04/28/23 13:10

Lab Sample ID: 410-124665-23

Matrix: Water

Method: SW846 8260C SIM 14D - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**6.4**		0.40	0.17	ug/L			05/10/23 13:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*103*		*80 - 120*		*05/10/23 13:48*	*1*

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,3-Dichloropropene	ND		1.0	0.20	ug/L			05/11/23 00:54	1
trans-1,3-Dichloropropene	ND		1.0	0.20	ug/L			05/11/23 00:54	1
Ethylbenzene	ND		1.0	0.40	ug/L			05/11/23 00:54	1
Styrene	ND		5.0	0.30	ug/L			05/11/23 00:54	1
1,4-Dichlorobenzene	ND		5.0	0.30	ug/L			05/11/23 00:54	1
1,2-Dibromoethane	ND		1.0	0.20	ug/L			05/11/23 00:54	1
1,2-Dichloroethane	ND		1.0	0.30	ug/L			05/11/23 00:54	1
4-Methyl-2-pentanone	ND		10	0.50	ug/L			05/11/23 00:54	1
Methylcyclohexane	ND		5.0	0.50	ug/L			05/11/23 00:54	1
Toluene	ND		1.0	0.20	ug/L			05/11/23 00:54	1
Chlorobenzene	ND		1.0	0.30	ug/L			05/11/23 00:54	1
Cyclohexane	ND		5.0	1.0	ug/L			05/11/23 00:54	1
1,2,4-Trichlorobenzene	ND		5.0	0.30	ug/L			05/11/23 00:54	1
Dibromochloromethane	ND		1.0	0.20	ug/L			05/11/23 00:54	1
Xylenes, Total	ND		1.0	0.40	ug/L			05/11/23 00:54	1
Tetrachloroethene	**19**		1.0	0.30	ug/L			05/11/23 00:54	1
cis-1,2-Dichloroethene	**160**		1.0	0.30	ug/L			05/11/23 00:54	1
trans-1,2-Dichloroethene	**1.4**	**J**	2.0	0.70	ug/L			05/11/23 00:54	1
Methyl tertiary butyl ether	ND		1.0	0.20	ug/L			05/11/23 00:54	1
1,3-Dichlorobenzene	ND		5.0	0.68	ug/L			05/11/23 00:54	1
Carbon tetrachloride	ND		1.0	0.30	ug/L			05/11/23 00:54	1
2-Hexanone	ND		10	0.85	ug/L			05/11/23 00:54	1
Acetone	ND		20	0.70	ug/L			05/11/23 00:54	1
Chloroform	ND		1.0	0.30	ug/L			05/11/23 00:54	1
Benzene	ND		1.0	0.30	ug/L			05/11/23 00:54	1
1,1,1-Trichloroethane	**18**		1.0	0.30	ug/L			05/11/23 00:54	1
Bromomethane	ND		1.0	0.30	ug/L			05/11/23 00:54	1
Chloromethane	ND	^c cn	2.0	0.55	ug/L			05/11/23 00:54	1
Chloroethane	ND		1.0	0.20	ug/L			05/11/23 00:54	1
Vinyl chloride	ND		1.0	0.20	ug/L			05/11/23 00:54	1
Methylene Chloride	**0.97**	**J**	1.0	0.30	ug/L			05/11/23 00:54	1
Carbon disulfide	ND		5.0	0.30	ug/L			05/11/23 00:54	1
Bromoform	ND		4.0	1.0	ug/L			05/11/23 00:54	1
Bromodichloromethane	ND		1.0	0.20	ug/L			05/11/23 00:54	1
1,1-Dichloroethane	**0.86**	**J**	1.0	0.30	ug/L			05/11/23 00:54	1
1,1-Dichloroethene	**20**		1.0	0.30	ug/L			05/11/23 00:54	1
Trichlorofluoromethane	ND		1.0	0.20	ug/L			05/11/23 00:54	1
Dichlorodifluoromethane	ND	^c cn	1.0	0.20	ug/L			05/11/23 00:54	1
Freon 113	ND		10	0.30	ug/L			05/11/23 00:54	1
1,2-Dichloropropane	ND		1.0	0.30	ug/L			05/11/23 00:54	1
2-Butanone	ND		10	0.50	ug/L			05/11/23 00:54	1
1,1,2-Trichloroethane	**0.58**	**J**	1.0	0.30	ug/L			05/11/23 00:54	1
Methyl acetate	ND		5.0	0.30	ug/L			05/11/23 00:54	1

Client Sample ID: MW-3L

Lab Sample ID: 410-124665-23

Date Collected: 04/27/23 13:35

Matrix: Water

Date Received: 04/28/23 13:10

Method: SW846 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		1.0	0.30	ug/L			05/11/23 00:54	1
1,2-Dichlorobenzene	ND		5.0	0.20	ug/L			05/11/23 00:54	1
1,2-Dibromo-3-Chloropropane	ND		5.0	0.30	ug/L			05/11/23 00:54	1
Isopropylbenzene	ND		5.0	0.20	ug/L			05/11/23 00:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*80 - 120*		*05/11/23 00:54*	*1*
Dibromofluoromethane (Surr)	*102*		*80 - 120*		*05/11/23 00:54*	*1*
4-Bromofluorobenzene (Surr)	*97*		*80 - 120*		*05/11/23 00:54*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*		*05/11/23 00:54*	*1*

Method: SW846 8260C - Volatile Organic Compounds by GC/MS - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	1400		10	3.0	ug/L			05/11/23 22:57	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*112*		*80 - 120*		*05/11/23 22:57*	*10*
Dibromofluoromethane (Surr)	*108*		*80 - 120*		*05/11/23 22:57*	*10*
4-Bromofluorobenzene (Surr)	*115*		*80 - 120*		*05/11/23 22:57*	*10*
Toluene-d8 (Surr)	*101*		*80 - 120*		*05/11/23 22:57*	*10*

Date of Issue: 07/06/2019 04:01:20

DEP Bureau of Laboratories - Harrisburg
P.O. Box 1467
2575 Interstate Drive
Harrisburg, PA 17105-1467

Contact Phone Number: (717) 346-7200

NELAP - accredited by

NJ DEP - Laboratory Number: PA059
PA DEP LAP - DEP Lab ID: 22-00223

Analytical Report For
Environmental Cleanup

Sample ID: 2128 019 **Date Collected:** 06/18/2019 10:45:00 AM **Lab Sample ID:** O2019004618 **Status:** Completed

Name of Sample Collector: Dustin Armstrong
Date Received: 06/19/2019

County: Bucks **State:**
Municipality: Nockamixon Twp

Sample Medium: Ground Water
Sample Medium Type: Water

Location: MW-4U @ 128'
Reason: Routine Sampling
Project: NOCK TCE Nockamixon TCE HSCA SITE
Suite: VOASW
Matrix: Water

Stream Condition:

Sample Lab Comment: DILUTED BEFORE ANALYSIS

Test Codes / CAS # - Description	Reported Results	Date And Time Analyzed	Approved by	Test Method
630206 1,1,1,2-Tetrachloroethane	5.0 ug/L (U)	06/22/2019 02:00 AM	DLY	EPA 8260C
71556 1,1,1-Trichloroethane	12.6 ug/L	06/22/2019 02:00 AM	DLY	EPA 8260C
79345 1,1,2,2-Tetrachloroethane	5.0 ug/L (U)	06/22/2019 02:00 AM	DLY	EPA 8260C
79005 1,1,2-Trichloroethane	5.0 ug/L (U)	06/22/2019 02:00 AM	DLY	EPA 8260C

Analytical Report For
Environmental Cleanup

Sample ID: 2128 019 **Date Collected:** 06/18/2019 10:45:00 AM **Lab Sample ID:** O2019004618 **Status:** Completed

Test Codes / CAS # - Description		Reported Results	Date And Time Analyzed	Approved by	Test Method
75343	1,1-Dichloroethane	5.0 ug/L (U)	06/22/2019 02:00 AM	DLY	EPA 8260C
75354	1,1-Dichloroethene	13.5 ug/L	06/22/2019 02:00 AM	DLY	EPA 8260C
563586	1,1-Dichloropropene	5.0 ug/L (U)	06/22/2019 02:00 AM	DLY	EPA 8260C
87616	1,2,3-Trichlorobenzene	5.0 ug/L (U)	06/22/2019 02:00 AM	DLY	EPA 8260C
96184	1,2,3-Trichloropropane	5.0 ug/L (U)	06/22/2019 02:00 AM	DLY	EPA 8260C
120821	1,2,4-Trichlorobenzene	5.0 ug/L (U)	06/22/2019 02:00 AM	DLY	EPA 8260C
95636	1,2,4-Trimethylbenzene	5.0 ug/L (U)	06/22/2019 02:00 AM	DLY	EPA 8260C
96128	1,2-Dibromo-3-chloropropane	5.0 ug/L (U)	06/22/2019 02:00 AM	DLY	EPA 8260C
106934	1,2-Dibromoethane	5.0 ug/L (U)	06/22/2019 02:00 AM	DLY	EPA 8260C
95501	1,2-Dichlorobenzene	5.0 ug/L (U)	06/22/2019 02:00 AM	DLY	EPA 8260C
107062	1,2-Dichloroethane	5.0 ug/L (U)	06/22/2019 02:00 AM	DLY	EPA 8260C
78875	1,2-Dichloropropane	5.0 ug/L (U)	06/22/2019 02:00 AM	DLY	EPA 8260C
108678	1,3,5-Trimethylbenzene	5.0 ug/L (U)	06/22/2019 02:00 AM	DLY	EPA 8260C
541731	1,3-Dichlorobenzene	5.0 ug/L (U)	06/22/2019 02:00 AM	DLY	EPA 8260C
142289	1,3-Dichloropropane	5.0 ug/L (U)	06/22/2019 02:00 AM	DLY	EPA 8260C
106467	1,4-Dichlorobenzene	5.0 ug/L (U)	06/22/2019 02:00 AM	DLY	EPA 8260C
594207	2,2-Dichloropropane	5.0 ug/L (U)	06/22/2019 02:00 AM	DLY	EPA 8260C
78933	2-Butanone	25.0 ug/L (U)	06/22/2019 02:00 AM	DLY	EPA 8260C
591786	2-Hexanone	25.0 ug/L (U)	06/22/2019 02:00 AM	DLY	EPA 8260C
99876	4-Isopropyltoluene	5.0 ug/L (U)	06/22/2019 02:00 AM	DLY	EPA 8260C
108101	4-Methyl-2-pentanone	25.0 ug/L (U)	06/22/2019 02:00 AM	DLY	EPA 8260C
67641	Acetone	50.0 ug/L (U)	06/22/2019 02:00 AM	DLY	EPA 8260C
71432	Benzene	5.0 ug/L (U)	06/22/2019 02:00 AM	DLY	EPA 8260C
108861	Bromobenzene	5.0 ug/L (U)	06/22/2019 02:00 AM	DLY	EPA 8260C
74975	Bromochloromethane	5.0 ug/L (U)	06/22/2019 02:00 AM	DLY	EPA 8260C
75274	Bromodichloromethane	5.0 ug/L (U)	06/22/2019 02:00 AM	DLY	EPA 8260C
75252	Bromoform	5.0 ug/L (U)	06/22/2019 02:00 AM	DLY	EPA 8260C
74839	Bromomethane	5.0 ug/L (U)	06/22/2019 02:00 AM	DLY	EPA 8260C
75150	Carbon disulfide	5.0 ug/L (U)	06/22/2019 02:00 AM	DLY	EPA 8260C
56235	Carbon tetrachloride	5.0 ug/L (U)	06/22/2019 02:00 AM	DLY	EPA 8260C
108907	Chlorobenzene	10.0 ug/L (U)	06/22/2019 02:00 AM	DLY	EPA 8260C
75003	Chloroethane	5.0 ug/L (U)	06/22/2019 02:00 AM	DLY	EPA 8260C
75014	Chloroethene (vinyl chloride)	5.0 ug/L (U)	06/22/2019 02:00 AM	DLY	EPA 8260C
67663	Chloroform	5.0 ug/L (U)	06/22/2019 02:00 AM	DLY	EPA 8260C
74873	Chloromethane	5.0 ug/L (U)	06/22/2019 02:00 AM	DLY	EPA 8260C
156592	cis-1,2-Dichloroethene	99.2 ug/L	06/22/2019 02:00 AM	DLY	EPA 8260C

Analytical Report For
Environmental Cleanup

Sample ID: 2128 019 **Date Collected:** 06/18/2019 10:45:00 AM **Lab Sample ID:** O2019004618 **Status:** Completed

Test Codes / CAS # - Description	Reported Results	Date And Time Analyzed	Approved by	Test Method
10061015 cis-1,3-Dichloropropene	5.0 ug/L (U)	06/22/2019 02:00 AM	DLY	EPA 8260C
124481 Dibromochloromethane	5.0 ug/L (U)	06/22/2019 02:00 AM	DLY	EPA 8260C
74953 Dibromomethane	5.0 ug/L (U)	06/22/2019 02:00 AM	DLY	EPA 8260C
75718 Dichlorodifluoromethane	5.0 ug/L (U)	06/22/2019 02:00 AM	DLY	EPA 8260C
75092 Dichloromethane	10.0 ug/L (U)	06/22/2019 02:00 AM	DLY	EPA 8260C
100414 Ethylbenzene	5.0 ug/L (U)	06/22/2019 02:00 AM	DLY	EPA 8260C
EXTRACTED DATE		06/22/2019 02:00 AM	DLY	EPA 8260C
EXTRACTED TIME		06/22/2019 02:00 AM	DLY	EPA 8260C
87683 Hexachlorobutadiene	5.0 ug/L (U)	06/22/2019 02:00 AM	DLY	EPA 8260C
98828 Isopropylbenzene	5.0 ug/L (U)	06/22/2019 02:00 AM	DLY	EPA 8260C
108383 m/p-Xylenes	10.0 ug/L (U)	06/22/2019 02:00 AM	DLY	EPA 8260C
1634044 Methyl-tert-butyl Ether	5.0 ug/L (U)	06/22/2019 02:00 AM	DLY	EPA 8260C
91203 Naphthalene	5.0 ug/L (U)	06/22/2019 02:00 AM	DLY	EPA 8260C
104518 n-Butylbenzene	5.0 ug/L (U)	06/22/2019 02:00 AM	DLY	EPA 8260C
103651 n-Propylbenzene	5.0 ug/L (U)	06/22/2019 02:00 AM	DLY	EPA 8260C
95498 o-Chlorotoluene	5.0 ug/L (U)	06/22/2019 02:00 AM	DLY	EPA 8260C
95476 o-Xylene	5.0 ug/L (U)	06/22/2019 02:00 AM	DLY	EPA 8260C
106434 p-Chlorotoluene	5.0 ug/L (U)	06/22/2019 02:00 AM	DLY	EPA 8260C
98566 PCTFB	5.0 ug/L (U)	06/22/2019 02:00 AM	DLY	EPA 8260C
135988 Sec-Butylbenzene	5.0 ug/L (U)	06/22/2019 02:00 AM	DLY	EPA 8260C
100425 Styrene	5.0 ug/L (U)	06/22/2019 02:00 AM	DLY	EPA 8260C
75650 t-Butyl alcohol	50.0 ug/L (U)	06/22/2019 02:00 AM	DLY	EPA 8260C
540885 tert-Butyl Acetate	25.0 ug/L (U)	06/22/2019 02:00 AM	DLY	EPA 8260C
98066 Tert-Butylbenzene	5.0 ug/L (U)	06/22/2019 02:00 AM	DLY	EPA 8260C
127184 Tetrachloroethene	12.2 ug/L	06/22/2019 02:00 AM	DLY	EPA 8260C
109999 Tetrahydrofuran	10.0 ug/L (U)	06/22/2019 02:00 AM	DLY	EPA 8260C
108883 Toluene	5.0 ug/L (U)	06/22/2019 02:00 AM	DLY	EPA 8260C
1330207 Total Xylenes	0 ug/L	06/22/2019 02:00 AM	DLY	EPA 8260C
156605 trans-1,2-Dichloroethene	5.0 ug/L (U)	06/22/2019 02:00 AM	DLY	EPA 8260C
10061026 trans-1,3-Dichloropropene	5.0 ug/L (U)	06/22/2019 02:00 AM	DLY	EPA 8260C
79016 Trichloroethene	413 ug/L	06/22/2019 02:00 AM	DLY	EPA 8260C
75694 Trichlorofluoromethane	5.0 ug/L (U)	06/22/2019 02:00 AM	DLY	EPA 8260C
108054 Vinyl Acetate	10.0 ug/L (U)	06/22/2019 02:00 AM	DLY	EPA 8260C

Sample ID: 2128 019 **Date Collected:** 06/18/2019 10:45:00 AM **Lab Sample ID:** O2019004618 **Status:** Completed

The results of the analyses provided in this laboratory report relate only to the sample(s) identified therein. Unless otherwise noted, the results presented on this laboratory report meet all requirements of the 2009 TNI standard. Sample was in acceptable condition when received by the Laboratory. Any exceptions are noted in the report.
* denotes tests that the laboratory is not accredited for

J - Indicates an estimated value, reported between Reporting Limit (RL) and Minimum Detection Limit (MDL).

Taru Upadhyay, Technical Director, Bureau of Laboratories

ORGANICS LABORATORY QUALIFIERS

U - Indicates analysis was performed for the compound but it was not detected. The sample quantitation limit is reported.

J - Indicates an estimated value, reported between Reporting Limit (RL) and Minimum Detection Limit (MDL).

N - Indicates presumptive evidence of a compound.

B - This flag is used when the analyte is found in the associated blank as well as in the sample.

E - This flag identifies compounds whose concentrations exceed the calibration range of the instrument for that specific analysis.

P - This flag is used with a target analyte when there is greater than a 40% difference between the results obtained from the primary and confirmation columns for dual column analysis methods (e.g. pesticides, triazines, PCBs, etc)

Q - This flag identifies the average of multiple results from multiple analyses, or the average of the averages of dual column analysis methods.

X - Non-target analytes co-elute with compound. Identification unable to be confirmed.

Date of Issue: 11/24/2021 04:03:08

DEP Bureau of Laboratories - Harrisburg
P.O. Box 1467
2575 Interstate Drive
Harrisburg, PA 17105-1467

Contact Phone Number: (717) 346-7200

NELAP - accredited by

NJ DEP - Laboratory Number: PA059
PA DEP LAP - DEP Lab ID: 22-00223

Analytical Report For
Environmental Cleanup

Sample ID: 2128 009 **Date Collected:** 11/08/2021 11:10:00 AM **Lab Sample ID:** O2021007552 **Status:** Completed

Name of Sample Collector: Dustin Armstrong
Date Received: 11/10/2021

County: Bucks **State:**
Municipality: Nockamixon Twp

Sample Medium: Ground Water
Sample Medium Type: Water

Location: MW-11U
Reason: Routine Sampling
Project: NOCK TCE Nockamixon TCE HSCA SITE
Suite: VOASW
Matrix: Water

Stream Condition:

Test Codes / CAS # - Description	Reported Results	Date And Time Analyzed	Approved by	Test Method
630206 1,1,1,2-Tetrachloroethane	0.50 ug/L (U)	11/12/2021 02:00 AM	DLY	EPA 8260D
71556 1,1,1-Trichloroethane	8.2 ug/L (Q)	11/12/2021 02:00 AM	DLY	EPA 8260D
79345 1,1,2,2-Tetrachloroethane	0.50 ug/L (U)	11/12/2021 02:00 AM	DLY	EPA 8260D
79005 1,1,2-Trichloroethane	1.0 ug/L (U)	11/12/2021 02:00 AM	DLY	EPA 8260D
75343 1,1-Dichloroethane	0.50 ug/L (U)	11/12/2021 02:00 AM	DLY	EPA 8260D

Sample ID: 2128 009 **Date Collected:** 11/08/2021 11:10:00 AM **Lab Sample ID:** O2021007552 **Status:** Completed

Test Codes / CAS # - Description	Reported Results	Date And Time Analyzed	Approved by	Test Method
75354 1,1-Dichloroethene	11.6 ug/L (Q)	11/12/2021 02:00 AM	DLY	EPA 8260D
563586 1,1-Dichloropropene	0.50 ug/L (U)	11/12/2021 02:00 AM	DLY	EPA 8260D
87616 1,2,3-Trichlorobenzene	0.50 ug/L (U)	11/12/2021 02:00 AM	DLY	EPA 8260D
96184 1,2,3-Trichloropropane	0.50 ug/L (U)	11/12/2021 02:00 AM	DLY	EPA 8260D
120821 1,2,4-Trichlorobenzene	0.50 ug/L (U)	11/12/2021 02:00 AM	DLY	EPA 8260D
95636 1,2,4-Trimethylbenzene	0.50 ug/L (U)	11/12/2021 02:00 AM	DLY	EPA 8260D
96128 1,2-Dibromo-3-chloropropane	0.50 ug/L (U)	11/12/2021 02:00 AM	DLY	EPA 8260D
106934 1,2-Dibromoethane	0.50 ug/L (U)	11/12/2021 02:00 AM	DLY	EPA 8260D
95501 1,2-Dichlorobenzene	0.50 ug/L (U)	11/12/2021 02:00 AM	DLY	EPA 8260D
107062 1,2-Dichloroethane	0.50 ug/L (U)	11/12/2021 02:00 AM	DLY	EPA 8260D
78875 1,2-Dichloropropane	0.50 ug/L (U)	11/12/2021 02:00 AM	DLY	EPA 8260D
108678 1,3,5-Trimethylbenzene	0.50 ug/L (U)	11/12/2021 02:00 AM	DLY	EPA 8260D
541731 1,3-Dichlorobenzene	0.50 ug/L (U)	11/12/2021 02:00 AM	DLY	EPA 8260D
142289 1,3-Dichloropropane	0.50 ug/L (U)	11/12/2021 02:00 AM	DLY	EPA 8260D
106467 1,4-Dichlorobenzene	0.50 ug/L (U)	11/12/2021 02:00 AM	DLY	EPA 8260D
594207 2,2-Dichloropropane	0.50 ug/L (U)	11/12/2021 02:00 AM	DLY	EPA 8260D
78933 2-Butanone	2.5 ug/L (U)	11/12/2021 02:00 AM	DLY	EPA 8260D
591786 2-Hexanone	2.5 ug/L (U)	11/12/2021 02:00 AM	DLY	EPA 8260D
99876 4-Isopropyltoluene	0.50 ug/L (U)	11/12/2021 02:00 AM	DLY	EPA 8260D
108101 4-Methyl-2-pentanone	2.5 ug/L (U)	11/12/2021 02:00 AM	DLY	EPA 8260D
67641 Acetone	5.0 ug/L (U)	11/12/2021 02:00 AM	DLY	EPA 8260D
71432 Benzene	0.50 ug/L (U)	11/12/2021 02:00 AM	DLY	EPA 8260D
108861 Bromobenzene	0.50 ug/L (U)	11/12/2021 02:00 AM	DLY	EPA 8260D
74975 Bromochloromethane	0.50 ug/L (U)	11/12/2021 02:00 AM	DLY	EPA 8260D
75274 Bromodichloromethane	0.50 ug/L (U)	11/12/2021 02:00 AM	DLY	EPA 8260D
75252 Bromoform	0.50 ug/L (U)	11/12/2021 02:00 AM	DLY	EPA 8260D
74839 Bromomethane	0.50 ug/L (U)	11/12/2021 02:00 AM	DLY	EPA 8260D
75150 Carbon disulfide	0.50 ug/L (U)	11/12/2021 02:00 AM	DLY	EPA 8260D
56235 Carbon tetrachloride	0.50 ug/L (U)	11/12/2021 02:00 AM	DLY	EPA 8260D
108907 Chlorobenzene	1.5 ug/L (U)	11/12/2021 02:00 AM	DLY	EPA 8260D
75003 Chloroethane	0.50 ug/L (U)	11/12/2021 02:00 AM	DLY	EPA 8260D
75014 Chloroethene (vinyl chloride)	0.50 ug/L (U)	11/12/2021 02:00 AM	DLY	EPA 8260D
67663 Chloroform	0.50 ug/L (U)	11/12/2021 02:00 AM	DLY	EPA 8260D
74873 Chloromethane	0.50 ug/L (U)	11/12/2021 02:00 AM	DLY	EPA 8260D
156592 cis-1,2-Dichloroethene	64.5 ug/L	11/12/2021 02:00 AM	DLY	EPA 8260D
10061015 cis-1,3-Dichloropropene	0.50 ug/L (U)	11/12/2021 02:00 AM	DLY	EPA 8260D

Analytical Report For
Environmental Cleanup

Sample ID: 2128 009 **Date Collected:** 11/08/2021 11:10:00 AM **Lab Sample ID:** O2021007552 **Status:** Completed

Test Codes / CAS # - Description	Reported Results	Date And Time Analyzed	Approved by	Test Method
124481 Dibromochloromethane	0.50 ug/L (U)	11/12/2021 02:00 AM	DLY	EPA 8260D
74953 Dibromomethane	0.50 ug/L (U)	11/12/2021 02:00 AM	DLY	EPA 8260D
75718 Dichlorodifluoromethane	0.50 ug/L (U)	11/12/2021 02:00 AM	DLY	EPA 8260D
75092 Dichloromethane	0.50 ug/L (U)	11/12/2021 02:00 AM	DLY	EPA 8260D
100414 Ethylbenzene	0.50 ug/L (U)	11/12/2021 02:00 AM	DLY	EPA 8260D
EXTRACTED DATE		11/12/2021 02:00 AM	DLY	EPA 8260D
EXTRACTED TIME		11/12/2021 02:00 AM	DLY	EPA 8260D
87683 Hexachlorobutadiene	0.50 ug/L (U)	11/12/2021 02:00 AM	DLY	EPA 8260D
98828 Isopropylbenzene	0.50 ug/L (U)	11/12/2021 02:00 AM	DLY	EPA 8260D
108383 m/p-Xylenes	1.0 ug/L (U)	11/12/2021 02:00 AM	DLY	EPA 8260D
1634044 Methyl-tert-butyl Ether	0.50 ug/L (U)	11/12/2021 02:00 AM	DLY	EPA 8260D
91203 Naphthalene	0.50 ug/L (U)	11/12/2021 02:00 AM	DLY	EPA 8260D
104518 n-Butylbenzene	0.50 ug/L (U)	11/12/2021 02:00 AM	DLY	EPA 8260D
103651 n-Propylbenzene	0.50 ug/L (U)	11/12/2021 02:00 AM	DLY	EPA 8260D
95498 o-Chlorotoluene	0.50 ug/L (U)	11/12/2021 02:00 AM	DLY	EPA 8260D
95476 o-Xylene	0.50 ug/L (U)	11/12/2021 02:00 AM	DLY	EPA 8260D
106434 p-Chlorotoluene	0.50 ug/L (U)	11/12/2021 02:00 AM	DLY	EPA 8260D
98566 PCTFB	0.50 ug/L (U)	11/12/2021 02:00 AM	DLY	EPA 8260D
135988 Sec-Butylbenzene	0.50 ug/L (U)	11/12/2021 02:00 AM	DLY	EPA 8260D
100425 Styrene	0.50 ug/L (U)	11/12/2021 02:00 AM	DLY	EPA 8260D
75650 t-Butyl alcohol	12.9 ug/L	11/12/2021 02:00 AM	DLY	EPA 8260D
540885 tert-Butyl Acetate	2.5 ug/L (U)	11/12/2021 02:00 AM	DLY	EPA 8260D
** Comment ** LFB %Rec low. Results +/- RL may be biased low.				
98066 Tert-Butylbenzene	0.50 ug/L (U)	11/12/2021 02:00 AM	DLY	EPA 8260D
127184 Tetrachloroethene	14.5 ug/L (Q)	11/12/2021 02:00 AM	DLY	EPA 8260D
109999 Tetrahydrofuran	1.5 ug/L (U)	11/12/2021 02:00 AM	DLY	EPA 8260D
108883 Toluene	0.50 ug/L (U)	11/12/2021 02:00 AM	DLY	EPA 8260D
1330207 Total Xylenes	0 ug/L	11/12/2021 02:00 AM	DLY	EPA 8260D
156605 trans-1,2-Dichloroethene	0.50 ug/L (U)	11/12/2021 02:00 AM	DLY	EPA 8260D
10061026 trans-1,3-Dichloropropene	0.50 ug/L (U)	11/12/2021 02:00 AM	DLY	EPA 8260D
79016 Trichloroethene	233 ug/L	11/12/2021 02:00 AM	DLY	EPA 8260D
75694 Trichlorofluoromethane	0.50 ug/L (U)	11/12/2021 02:00 AM	DLY	EPA 8260D
108054 Vinyl Acetate	0.50 ug/L (U)	11/12/2021 02:00 AM	DLY	EPA 8260D

Sample ID: 2128 009 **Date Collected:** 11/08/2021 11:10:00 AM **Lab Sample ID:** O2021007552 **Status:** Completed

The results of the analyses provided in this laboratory report relate only to the sample(s) identified therein. Unless otherwise noted, the results presented on this laboratory report meet all requirements of the 2016 TNI standard. Sample was in acceptable condition when received by the Laboratory. Any exceptions are noted in the report.
* denotes tests that the laboratory is not accredited for

U - Indicates analysis was performed for the test but it was not detected. The sample quantitation limit is reported.

J - Indicates an estimated value, reported between Reporting Limit (RL) and Minimum Detection Limit (MDL).

Dr. Pamela Higgins, Technical Director, Bureau of Laboratories

ORGANICS LABORATORY QUALIFIERS

U - Indicates analysis was performed for the test but it was not detected. The sample quantitation limit is reported.

J - Indicates an estimated value, reported between Reporting Limit (RL) and Minimum Detection Limit (MDL).

N - Indicates presumptive evidence of a compound.

B - This flag is used when the analyte is found in the associated blank as well as in the sample.

E - This flag identifies compounds whose concentrations exceed the calibration range of the instrument for that specific analysis.

P - This flag is used with a target analyte when there is greater than a 40% difference between the results obtained from the primary and confirmation columns for dual column analysis methods (e.g. pesticides, triazines, PCBs, etc)

Q - This flag identifies the average of multiple results from multiple analyses, or the average of the averages of dual column analysis methods.

X - Non-target analytes co-elute with compound. Identification unable to be confirmed.

DEP Bureau Of Laboratories - Harrisburg
P.O. Box 1467
2575 Interstate Drive
Harrisburg, PA 17105-1467

Contact Phone Number: (717) 346-7200

Analytical Report FOR
Environmental Cleanup

Sample ID: 2120 005 Status: Completed

Name of Sample Collector: Megan K Harkins
Date Sample was Collected: 04/18/2011 11:45:00 AM

County: NOT INDICATED State:
Municipality: NOT INDICATED

Sample Medium :
Sample Medium Type:

Location: 91 Brennan Rd
Reason: Routine Sampling
Project: NOT INDICATED
Laboratory Sample ID: O2011002502 Date Received: 04/18/2011 Completed
Suite: VOADW

Legal Seal: G049131 Intact: YES

Test Codes/CAS#	Description	Reported Results	Date And Time Analyzed	Analyst	Test Method
78933	MEK	1.25 UG/L (U)	04/21/2011 12:00 AM	ANDSCHMIDT	EPA 524.2
79016	Trichloroethene	0.250 UG/L (U)	04/21/2011 12:00 AM	ANDSCHMIDT	EPA 524.2
98066	Tert-Butylbenzene	0.250 UG/L (U)	04/21/2011 12:00 AM	ANDSCHMIDT	EPA 524.2
98828	Isopropylbenzene	0.250 UG/L (U)	04/21/2011 12:00 AM	ANDSCHMIDT	EPA 524.2
107062	1,2-Dichloroethane	0.250 UG/L (U)	04/21/2011 12:00 AM	ANDSCHMIDT	EPA 524.2
75650	t-Butyl alcohol	2.50 UG/L (U)	04/21/2011 12:00 AM	ANDSCHMIDT	EPA 524.2
156605	trans-1,2-Dichloroethene	0.250 UG/L (U)	04/21/2011 12:00 AM	ANDSCHMIDT	EPA 524.2
78875	1,2-Dichloropropane	0.250 UG/L (U)	04/21/2011 12:00 AM	ANDSCHMIDT	EPA 524.2
96128	1,2-Dibromo-3-chloropropa	0.250 UG/L (U)	04/21/2011 12:00 AM	ANDSCHMIDT	EPA 524.2
100414	Ethylbenzene	0.250 UG/L (U)	04/21/2011 12:00 AM	ANDSCHMIDT	EPA 524.2
106434	p-Chlorotoluene	0.250 UG/L (U)	04/21/2011 12:00 AM	ANDSCHMIDT	EPA 524.2
108101	MIBK	1.25 UG/L (U)	04/21/2011 12:00 AM	ANDSCHMIDT	EPA 524.2
108383	m/p-Xylene	0.500 UG/L (U)	04/21/2011 12:00 AM	ANDSCHMIDT	EPA 524.2
127184	Tetrachloroethene	0.250 UG/L (U)	04/21/2011 12:00 AM	ANDSCHMIDT	EPA 524.2

Analytical Report FOR
Environmental Cleanup

Sample ID: 2120 005 Status: Completed

Test Codes/CAS#	- Description	Reported Results	Date And Time Analyzed	Analyst	Test Method
135988	Sec-Butylbenzene	0.250 UG/L (U)	04/21/2011 12:00 AM	ANDSCHMIDT	EPA 524.2
142289	1,3-Dichloropropane	0.250 UG/L (U)	04/21/2011 12:00 AM	ANDSCHMIDT	EPA 524.2
563586	1,1-Dichloropropene	0.250 UG/L (U)	04/21/2011 12:00 AM	ANDSCHMIDT	EPA 524.2
71556	1,1,1-Trichloroethane	0.250 UG/L (U)	04/21/2011 12:00 AM	ANDSCHMIDT	EPA 524.2
74839	Bromomethane	0.250 UG/L (U)	04/21/2011 12:00 AM	ANDSCHMIDT	EPA 524.2
95636	1,2,4-Trimethylbenzene	0.250 UG/L (U)	04/21/2011 12:00 AM	ANDSCHMIDT	EPA 524.2
74873	Chloromethane	0.250 UG/L (U)	04/21/2011 12:00 AM	ANDSCHMIDT	EPA 524.2
75003	Chloroethane	0.250 UG/L (U)	04/21/2011 12:00 AM	ANDSCHMIDT	EPA 524.2
75092	Methylene Chloride	0.250 UG/L (U)	04/21/2011 12:00 AM	ANDSCHMIDT	EPA 524.2
75343	1,1-Dichloroethane	0.250 UG/L (U)	04/21/2011 12:00 AM	ANDSCHMIDT	EPA 524.2
74953	Dibromomethane	0.250 UG/L (U)	04/21/2011 12:00 AM	ANDSCHMIDT	EPA 524.2
75252	Bromoform	0.250 UG/L (U)	04/21/2011 12:00 AM	ANDSCHMIDT	EPA 524.2
75354	1,1-Dichloroethene	0.250 UG/L (U)	04/21/2011 12:00 AM	ANDSCHMIDT	EPA 524.2
75718	Dichlorodifluoromethane	0.250 UG/L (U)	04/21/2011 12:00 AM	ANDSCHMIDT	EPA 524.2
156592	cis-1,2-Dichloroethene	0.250 UG/L (U)	04/21/2011 12:00 AM	ANDSCHMIDT	EPA 524.2
108678	1,3,5-Trimethylbenzene	0.250 UG/L (U)	04/21/2011 12:00 AM	ANDSCHMIDT	EPA 524.2
594207	2,2-Dichloropropane	0.250 UG/L (U)	04/21/2011 12:00 AM	ANDSCHMIDT	EPA 524.2
67641	Acetone	1.25 UG/L (U)	04/21/2011 12:00 AM	ANDSCHMIDT	EPA 524.2
75274	Bromodichloromethane	0.250 UG/L (U)	04/21/2011 12:00 AM	ANDSCHMIDT	EPA 524.2
79345	1,1,2,2-Tetrachloroethane	0.250 UG/L (U)	04/21/2011 12:00 AM	ANDSCHMIDT	EPA 524.2
96184	1,2,3-Trichloropropane	0.250 UG/L (U)	04/21/2011 12:00 AM	ANDSCHMIDT	EPA 524.2
67663	Chloroform	0.250 UG/L (U)	04/21/2011 12:00 AM	ANDSCHMIDT	EPA 524.2
99876	4-Isopropyltoluene	0.250 UG/L (U)	04/21/2011 12:00 AM	ANDSCHMIDT	EPA 524.2
95498	o-Chlorotoluene	0.250 UG/L (U)	04/21/2011 12:00 AM	ANDSCHMIDT	EPA 524.2
541731	1,3-Dichlorobenzene	0.250 UG/L (U)	04/21/2011 12:00 AM	ANDSCHMIDT	EPA 524.2
106934	1,2-Dibromoethane	0.250 UG/L (U)	04/21/2011 12:00 AM	ANDSCHMIDT	EPA 524.2
124481	Dibromochloromethane	0.250 UG/L (U)	04/21/2011 12:00 AM	ANDSCHMIDT	EPA 524.2
87683	Hexachlorobutadiene	0.250 UG/L (U)	04/21/2011 12:00 AM	ANDSCHMIDT	EPA 524.2
91203	Naphthalene	0.250 UG/L (U)	04/21/2011 12:00 AM	ANDSCHMIDT	EPA 524.2
95476	o-Xylene	0.250 UG/L (U)	04/21/2011 12:00 AM	ANDSCHMIDT	EPA 524.2
87616	1,2,3-Trichlorobenzene	0.250 UG/L (U)	04/21/2011 12:00 AM	ANDSCHMIDT	EPA 524.2
95501	1,2-Dichlorobenzene	0.250 UG/L (U)	04/21/2011 12:00 AM	ANDSCHMIDT	EPA 524.2
71432	Benzene	0.250 UG/L (U)	04/21/2011 12:00 AM	ANDSCHMIDT	EPA 524.2
56235	Carbon Tetrachloride	0.250 UG/L (U)	04/21/2011 12:00 AM	ANDSCHMIDT	EPA 524.2

Analytical Report FOR
Environmental Cleanup

Sample ID: 2120 005 Status: Completed

Test Codes/CAS# - Description		Reported Results	Date And Time Analyzed	Analyst	Test Method
1634044	Methyl Tert-Butyl Ether	0.250 UG/L (U)	04/21/2011 12:00 AM	ANDSCHMIDT	EPA 524.2
100425	Styrene	0.250 UG/L (U)	04/21/2011 12:00 AM	ANDSCHMIDT	EPA 524.2
10061026	trans-1,3-Dichloropropene	0.250 UG/L (U)	04/21/2011 12:00 AM	ANDSCHMIDT	EPA 524.2
104518	n-Butylbenzene	0.250 UG/L (U)	04/21/2011 12:00 AM	ANDSCHMIDT	EPA 524.2
108861	Bromobenzene	0.250 UG/L (U)	04/21/2011 12:00 AM	ANDSCHMIDT	EPA 524.2
108907	Chlorobenzene	0.250 UG/L (U)	04/21/2011 12:00 AM	ANDSCHMIDT	EPA 524.2
591786	2-Hexanone	1.25 UG/L (U)	04/21/2011 12:00 AM	ANDSCHMIDT	EPA 524.2
630206	1,1,1,2-Tetrachloroethane	0.250 UG/L (U)	04/21/2011 12:00 AM	ANDSCHMIDT	EPA 524.2
75014	Chloroethene (vinyl chlor	0.250 UG/L (U)	04/21/2011 12:00 AM	ANDSCHMIDT	EPA 524.2
10061015	cis-1,3-Dichloropropene	0.250 UG/L (U)	04/21/2011 12:00 AM	ANDSCHMIDT	EPA 524.2
103651	n-Propylbenzene	0.250 UG/L (U)	04/21/2011 12:00 AM	ANDSCHMIDT	EPA 524.2
106467	1,4-Dichlorobenzene	0.250 UG/L (U)	04/21/2011 12:00 AM	ANDSCHMIDT	EPA 524.2
108883	Toluene	0.250 UG/L (U)	04/21/2011 12:00 AM	ANDSCHMIDT	EPA 524.2
120821	1,2,4-Trichlorobenzene	0.250 UG/L (U)	04/21/2011 12:00 AM	ANDSCHMIDT	EPA 524.2
74975	Bromochloromethane	0.250 UG/L (U)	04/21/2011 12:00 AM	ANDSCHMIDT	EPA 524.2
75694	Trichlorofluoromethane	0.250 UG/L (U)	04/21/2011 12:00 AM	ANDSCHMIDT	EPA 524.2
79005	1,1,2-Trichloroethane	0.250 UG/L (U)	04/21/2011 12:00 AM	ANDSCHMIDT	EPA 524.2

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The results of the analyses provided in this laboratory report relate only to the sample(s) identified in the report. Unless otherwise noted, the results presented on this laboratory report meet all the requirements of The NELAC Institute (TNI). Sample was in acceptable condition when received by the Laboratory. Any exceptions are noted in the report. Tests noted with an "*" are not included in our NJ NELAP Annual Certified Parameter List.

Taru Upadhyay, Technical Director, Bureau of Laboratories

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Sample ID: 2120 005 Status: Completed

ORGANICS LABORATORY QUALIFIERS

U - Indicates analysis was performed for the compound but it was not detected. The sample quantitation limit is reported.

J - Indicates an estimated value, below the quantification limit, but above the method detection limit.

N - Indicates presumptive evidence of a compound.

B - This flag is used when the analyte is found in the associated blank as well as in the sample.

E - This flag identifies compounds whose concentrations exceed the calibration range of the instrument for that specific analysis.

P - This flag is used with a target analyte when there is greater than a 25% difference between the results obtained from the primary and confirmation columns for dual column analysis methods (i.e. pesticides, triazines, PCBs, etc). The reported value is the average of the two results.

Q - This flag identifies the average of multiple results from multiple analyses, or the average of the averages of dual column analysis methods.

_ - (Underline) - The compound is present at the amount reported. No flag.

X - Non-target analytes co-elute with compound. Identification unable to be confirmed.

DEP Bureau Of Laboratories - Harrisburg
P.O. Box 1467
2575 Interstate Drive
Harrisburg, PA 17105-1467

Contact Phone Number: (717) 346-7200

Analytical Report FOR
Environmental Cleanup

Sample ID: 2170 004 Status: Completed

Name of Sample Collector: Margaret R Pollich
Date Sample was Collected: 01/16/2013 11:00:00 AM

County: Bucks State: PA
Municipality: Nockamixon Twp

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84 BRENNAN PRE
Sample Medium : Ground Water
Sample Medium Type: Water

Location: 84 BRennan Pre
Reason: Routine Sampling
Project: NOT INDICATED
Laboratory Sample ID: O2013000426 Date Received: 01/16/2013 Completed
Suite: VOADW

Sample Comment: TIC: Trimethylsilanol

Test Codes/CAS#	Description	Reported Results	Date And Time Analyzed	Analyst	Test Method
78933	MEK	1.25 UG/L (U)	01/19/2013 02:00 AM	DLY	EPA 524.2
79016	Trichloroethene	16.0 UG/L	01/19/2013 02:00 AM	DLY	EPA 524.2
98066	Tert-Butylbenzene	0.250 UG/L (U)	01/19/2013 02:00 AM	DLY	EPA 524.2
98828	Isopropylbenzene	0.250 UG/L (U)	01/19/2013 02:00 AM	DLY	EPA 524.2
107062	1,2-Dichloroethane	0.250 UG/L (U)	01/19/2013 02:00 AM	DLY	EPA 524.2
75650	t-Butyl alcohol	2.50 UG/L (U)	01/19/2013 02:00 AM	DLY	EPA 524.2
108101	MIBK	1.25 UG/L (U)	01/19/2013 02:00 AM	DLY	EPA 524.2
108383	m/p-Xylene	0.500 UG/L (U)	01/19/2013 02:00 AM	DLY	EPA 524.2
127184	Tetrachloroethene	1.29 UG/L	01/19/2013 02:00 AM	DLY	EPA 524.2
135988	Sec-Butylbenzene	0.250 UG/L (U)	01/19/2013 02:00 AM	DLY	EPA 524.2
142289	1,3-Dichloropropane	0.250 UG/L (U)	01/19/2013 02:00 AM	DLY	EPA 524.2
156605	trans-1,2-Dichloroethene	0.250 UG/L (U)	01/19/2013 02:00 AM	DLY	EPA 524.2
563586	1,1-Dichloropropene	0.250 UG/L (U)	01/19/2013 02:00 AM	DLY	EPA 524.2

Analytical Report FOR
Environmental Cleanup

Sample ID: 2170 004 Status: Completed

Test Codes/CAS#	Description	Reported Results	Date And Time Analyzed	Analyst	Test Method
71556	1,1,1-Trichloroethane	0.709 UG/L	01/19/2013 02:00 AM	DLY	EPA 524.2
74839	Bromomethane	0.250 UG/L (U)	01/19/2013 02:00 AM	DLY	EPA 524.2
74873	Chloromethane	0.250 UG/L (U)	01/19/2013 02:00 AM	DLY	EPA 524.2
75003	Chloroethane	0.250 UG/L (U)	01/19/2013 02:00 AM	DLY	EPA 524.2
75092	Methylene Chloride	0.250 UG/L (U)	01/19/2013 02:00 AM	DLY	EPA 524.2
75343	1,1-Dichloroethane	0.250 UG/L (U)	01/19/2013 02:00 AM	DLY	EPA 524.2
78875	1,2-Dichloropropane	0.250 UG/L (U)	01/19/2013 02:00 AM	DLY	EPA 524.2
108678	1,3,5-Trimethylbenzene	0.250 UG/L (U)	01/19/2013 02:00 AM	DLY	EPA 524.2
594207	2,2-Dichloropropane	0.250 UG/L (U)	01/19/2013 02:00 AM	DLY	EPA 524.2
67641	Acetone	5.00 UG/L (U)	01/19/2013 02:00 AM	DLY	EPA 524.2
75274	Bromodichloromethane	0.500 UG/L (U)	01/19/2013 02:00 AM	DLY	EPA 524.2
79345	1,1,2,2-Tetrachloroethane	0.250 UG/L (U)	01/19/2013 02:00 AM	DLY	EPA 524.2
96184	1,2,3-Trichloropropane	0.250 UG/L (U)	01/19/2013 02:00 AM	DLY	EPA 524.2
99876	4-Isopropyltoluene	0.250 UG/L (U)	01/19/2013 02:00 AM	DLY	EPA 524.2
95498	o-Chlorotoluene	0.250 UG/L (U)	01/19/2013 02:00 AM	DLY	EPA 524.2
541731	1,3-Dichlorobenzene	0.250 UG/L (U)	01/19/2013 02:00 AM	DLY	EPA 524.2
106934	1,2-Dibromoethane	0.250 UG/L (U)	01/19/2013 02:00 AM	DLY	EPA 524.2
95636	1,2,4-Trimethylbenzene	0.250 UG/L (U)	01/19/2013 02:00 AM	DLY	EPA 524.2
96128	1,2-Dibromo-3-chloropropa	0.250 UG/L (U)	01/19/2013 02:00 AM	DLY	EPA 524.2
100414	Ethylbenzene	0.250 UG/L (U)	01/19/2013 02:00 AM	DLY	EPA 524.2
106434	p-Chlorotoluene	0.250 UG/L (U)	01/19/2013 02:00 AM	DLY	EPA 524.2
1634044	Methyl Tert-Butyl Ether	0.250 UG/L (U)	01/19/2013 02:00 AM	DLY	EPA 524.2
100425	Styrene	0.250 UG/L (U)	01/19/2013 02:00 AM	DLY	EPA 524.2
10061026	trans-1,3-Dichloropropene	0.250 UG/L (U)	01/19/2013 02:00 AM	DLY	EPA 524.2
104518	n-Butylbenzene	0.250 UG/L (U)	01/19/2013 02:00 AM	DLY	EPA 524.2
108861	Bromobenzene	0.250 UG/L (U)	01/19/2013 02:00 AM	DLY	EPA 524.2
108907	Chlorobenzene	0.250 UG/L (U)	01/19/2013 02:00 AM	DLY	EPA 524.2
591786	2-Hexanone	1.25 UG/L (U)	01/19/2013 02:00 AM	DLY	EPA 524.2
630206	1,1,1,2-Tetrachloroethane	0.250 UG/L (U)	01/19/2013 02:00 AM	DLY	EPA 524.2
67663	Chloroform	0.500 UG/L (U)	01/19/2013 02:00 AM	DLY	EPA 524.2
74953	Dibromomethane	0.250 UG/L (U)	01/19/2013 02:00 AM	DLY	EPA 524.2
75252	Bromoform	0.500 UG/L (U)	01/19/2013 02:00 AM	DLY	EPA 524.2
75354	1,1-Dichloroethene	0.643 UG/L	01/19/2013 02:00 AM	DLY	EPA 524.2
75718	Dichlorodifluoromethane	0.250 UG/L (U)	01/19/2013 02:00 AM	DLY	EPA 524.2

Analytical Report FOR
Environmental Cleanup

Sample ID: 2170 004 Status: Completed

Test Codes/CAS# - Description		Reported Results	Date And Time Analyzed	Analyst	Test Method
156592	cis-1,2-Dichloroethene	2.34 UG/L	01/19/2013 02:00 AM	DLY	EPA 524.2
106467	1,4-Dichlorobenzene	0.250 UG/L (U)	01/19/2013 02:00 AM	DLY	EPA 524.2
108883	Toluene	0.250 UG/L (U)	01/19/2013 02:00 AM	DLY	EPA 524.2
120821	1,2,4-Trichlorobenzene	0.250 UG/L (U)	01/19/2013 02:00 AM	DLY	EPA 524.2
74975	Bromochloromethane	0.250 UG/L (U)	01/19/2013 02:00 AM	DLY	EPA 524.2
75694	Trichlorofluoromethane	0.250 UG/L (U)	01/19/2013 02:00 AM	DLY	EPA 524.2
79005	1,1,2-Trichloroethane	0.250 UG/L (U)	01/19/2013 02:00 AM	DLY	EPA 524.2
124481	Dibromochloromethane	0.500 UG/L (U)	01/19/2013 02:00 AM	DLY	EPA 524.2
87683	Hexachlorobutadiene	0.250 UG/L (U)	01/19/2013 02:00 AM	DLY	EPA 524.2
91203	Naphthalene	0.250 UG/L (U)	01/19/2013 02:00 AM	DLY	EPA 524.2
95476	o-Xylene	0.250 UG/L (U)	01/19/2013 02:00 AM	DLY	EPA 524.2
87616	1,2,3-Trichlorobenzene	0.250 UG/L (U)	01/19/2013 02:00 AM	DLY	EPA 524.2
95501	1,2-Dichlorobenzene	0.250 UG/L (U)	01/19/2013 02:00 AM	DLY	EPA 524.2
71432	Benzene	0.250 UG/L (U)	01/19/2013 02:00 AM	DLY	EPA 524.2
56235	Carbon Tetrachloride	0.250 UG/L (U)	01/19/2013 02:00 AM	DLY	EPA 524.2
75014	Chloroethene (vinyl chlor	0.250 UG/L (U)	01/19/2013 02:00 AM	DLY	EPA 524.2
10061015	cis-1,3-Dichloropropene	0.250 UG/L (U)	01/19/2013 02:00 AM	DLY	EPA 524.2
103651	n-Propylbenzene	0.250 UG/L (U)	01/19/2013 02:00 AM	DLY	EPA 524.2

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The results of the analyses provided in this laboratory report relate only to the sample(s) identified in the report. Unless otherwise noted, the results presented on this laboratory report meet all the requirements of The NELAC Institute (TNI). Sample was in acceptable condition when received by the Laboratory. Any exceptions are noted in the report. Tests noted with an "*" are not included in our NJ NELAP Annual Certified Parameter List.

Taru Upadhyay, Technical Director, Bureau of Laboratories

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Analytical Report FOR
Environmental Cleanup

Sample ID: 2170 004 Status: Completed

ORGANICS LABORATORY QUALIFIERS

U - Indicates analysis was performed for the compound but it was not detected. The sample quantitation limit is reported.

J - Indicates an estimated value, below the quantification limit, but above the method detection limit.

N - Indicates presumptive evidence of a compound.

B - This flag is used when the analyte is found in the associated blank as well as in the sample.

E - This flag identifies compounds whose concentrations exceed the calibration range of the instrument for that specific analysis.

P - This flag is used with a target analyte when there is greater than a 25% difference between the results obtained from the primary and confirmation columns for dual column analysis methods (i.e. pesticides, triazines, PCBs, etc). The reported value is the average of the two results.

Q - This flag identifies the average of multiple results from multiple analyses, or the average of the averages of dual column analysis methods.

_ - (Underline) - The compound is present at the amount reported. No flag.

X - Non-target analytes co-elute with compound. Identification unable to be confirmed.

Date of Issue: 06/28/2019 04:17:26

DEP Bureau of Laboratories - Harrisburg
P.O. Box 1467
2575 Interstate Drive
Harrisburg, PA 17105-1467

Contact Phone Number: (717) 346-7200

NELAP - accredited by

NJ DEP - Laboratory Number: PA059
PA DEP LAP - DEP Lab ID: 22-00223

Analytical Report For
Environmental Cleanup

Sample ID: 2128 003 **Date Collected:** 06/17/2019 10:05:00 AM **Lab Sample ID:** O2019004545 **Status:** Completed

Name of Sample Collector: Dustin Armstrong
Date Received: 06/18/2019

County: Bucks **State:**
Municipality: Nockamixon Twp
77 BRENNAN ROAD

Sample Medium: Ground Water
Sample Medium Type: Water

Location: 77 Brennan - Pre Filter
Reason: Routine Sampling
Project: NOCK TCE Nockamixon TCE HSCA SITE
Suite: VOADW
Matrix: Water

Stream Condition:

Test Codes / CAS # - Description	Reported Results	Date And Time Analyzed	Approved by	Test Method
630206 1,1,1,2-Tetrachloroethane	0.500 ug/L (U)	06/20/2019 02:00 AM	DLY	EPA 524.3
71556 1,1,1-Trichloroethane	0.500 ug/L (U)	06/20/2019 02:00 AM	DLY	EPA 524.3
79345 1,1,2,2-Tetrachloroethane	0.500 ug/L (U)	06/20/2019 02:00 AM	DLY	EPA 524.3
79005 1,1,2-Trichloroethane	0.500 ug/L (U)	06/20/2019 02:00 AM	DLY	EPA 524.3

Analytical Report For
Environmental Cleanup

Sample ID: 2128 003 **Date Collected:** 06/17/2019 10:05:00 AM **Lab Sample ID:** O2019004545 **Status:** Completed

Test Codes / CAS # - Description		Reported Results	Date And Time Analyzed	Approved by	Test Method
75343	1,1-Dichloroethane	0.500 ug/L (U)	06/20/2019 02:00 AM	DLY	EPA 524.3
75354	1,1-Dichloroethene	0.500 ug/L (U)	06/20/2019 02:00 AM	DLY	EPA 524.3
563586	1,1-Dichloropropene	0.500 ug/L (U)	06/20/2019 02:00 AM	DLY	EPA 524.3
87616	1,2,3-Trichlorobenzene	0.500 ug/L (U)	06/20/2019 02:00 AM	DLY	EPA 524.3
96184	1,2,3-Trichloropropane	0.500 ug/L (U)	06/20/2019 02:00 AM	DLY	EPA 524.3
120821	1,2,4-Trichlorobenzene	0.500 ug/L (U)	06/20/2019 02:00 AM	DLY	EPA 524.3
95636	1,2,4-Trimethylbenzene	0.500 ug/L (U)	06/20/2019 02:00 AM	DLY	EPA 524.3
95501	1,2-Dichlorobenzene	0.500 ug/L (U)	06/20/2019 02:00 AM	DLY	EPA 524.3
107062	1,2-Dichloroethane	0.500 ug/L (U)	06/20/2019 02:00 AM	DLY	EPA 524.3
78875	1,2-Dichloropropane	0.500 ug/L (U)	06/20/2019 02:00 AM	DLY	EPA 524.3
108678	1,3,5-Trimethylbenzene	0.500 ug/L (U)	06/20/2019 02:00 AM	DLY	EPA 524.3
541731	1,3-Dichlorobenzene	0.500 ug/L (U)	06/20/2019 02:00 AM	DLY	EPA 524.3
142289	1,3-Dichloropropane	0.500 ug/L (U)	06/20/2019 02:00 AM	DLY	EPA 524.3
106467	1,4-Dichlorobenzene	0.500 ug/L (U)	06/20/2019 02:00 AM	DLY	EPA 524.3
594207	2,2-Dichloropropane	0.500 ug/L (U)	06/20/2019 02:00 AM	DLY	EPA 524.3
78933	2-Butanone	2.50 ug/L (U)	06/20/2019 02:00 AM	DLY	EPA 524.3
591786	2-Hexanone	2.50 ug/L (U)	06/20/2019 02:00 AM	DLY	EPA 524.3
99876	4-Isopropyltoluene	0.500 ug/L (U)	06/20/2019 02:00 AM	DLY	EPA 524.3
108101	4-Methyl-2-pentanone	2.50 ug/L (U)	06/20/2019 02:00 AM	DLY	EPA 524.3
67641	Acetone	6.00 ug/L (U)	06/20/2019 02:00 AM	DLY	EPA 524.3
71432	Benzene	0.500 ug/L (U)	06/20/2019 02:00 AM	DLY	EPA 524.3
108861	Bromobenzene	0.500 ug/L (U)	06/20/2019 02:00 AM	DLY	EPA 524.3
74975	Bromochloromethane	0.500 ug/L (U)	06/20/2019 02:00 AM	DLY	EPA 524.3
75274	Bromodichloromethane	0.500 ug/L (U)	06/20/2019 02:00 AM	DLY	EPA 524.3
75252	Bromoform	0.500 ug/L (U)	06/20/2019 02:00 AM	DLY	EPA 524.3
74839	Bromomethane	0.500 ug/L (U)	06/20/2019 02:00 AM	DLY	EPA 524.3
75150	Carbon disulfide	0.500 ug/L (U)	06/20/2019 02:00 AM	DLY	EPA 524.3
56235	Carbon tetrachloride	0.500 ug/L (U)	06/20/2019 02:00 AM	DLY	EPA 524.3
108907	Chlorobenzene	0.500 ug/L (U)	06/20/2019 02:00 AM	DLY	EPA 524.3
75003	Chloroethane	0.500 ug/L (U)	06/20/2019 02:00 AM	DLY	EPA 524.3
75014	Chloroethene (vinyl chloride)	0.500 ug/L (U)	06/20/2019 02:00 AM	DLY	EPA 524.3
67663	Chloroform	0.500 ug/L (U)	06/20/2019 02:00 AM	DLY	EPA 524.3
74873	Chloromethane	0.500 ug/L (U)	06/20/2019 02:00 AM	DLY	EPA 524.3
156592	cis-1,2-Dichloroethene	1.74 ug/L	06/20/2019 02:00 AM	DLY	EPA 524.3
10061015	cis-1,3-Dichloropropene	0.500 ug/L (U)	06/20/2019 02:00 AM	DLY	EPA 524.3
124481	Dibromochloromethane	0.500 ug/L (U)	06/20/2019 02:00 AM	DLY	EPA 524.3

Analytical Report For
Environmental Cleanup

Sample ID: 2128 003 **Date Collected:** 06/17/2019 10:05:00 AM **Lab Sample ID:** O2019004545 **Status:** Completed

Test Codes / CAS # - Description	Reported Results	Date And Time Analyzed	Approved by	Test Method
74953 Dibromomethane	0.500 ug/L (U)	06/20/2019 02:00 AM	DLY	EPA 524.3
75718 Dichlorodifluoromethane	0.500 ug/L (U)	06/20/2019 02:00 AM	DLY	EPA 524.3
75092 Dichloromethane	0.500 ug/L (U)	06/20/2019 02:00 AM	DLY	EPA 524.3
100414 Ethylbenzene	0.500 ug/L (U)	06/20/2019 02:00 AM	DLY	EPA 524.3
87683 Hexachlorobutadiene	0.500 ug/L (U)	06/20/2019 02:00 AM	DLY	EPA 524.3
98828 Isopropylbenzene	0.500 ug/L (U)	06/20/2019 02:00 AM	DLY	EPA 524.3
108383 m/p-Xylenes	1.00 ug/L (U)	06/20/2019 02:00 AM	DLY	EPA 524.3
1634044 Methyl-tert-butyl Ether	0.500 ug/L (U)	06/20/2019 02:00 AM	DLY	EPA 524.3
91203 Naphthalene	0.500 ug/L (U)	06/20/2019 02:00 AM	DLY	EPA 524.3
104518 n-Butylbenzene	0.500 ug/L (U)	06/20/2019 02:00 AM	DLY	EPA 524.3
103651 n-Propylbenzene	0.500 ug/L (U)	06/20/2019 02:00 AM	DLY	EPA 524.3
95498 o-Chlorotoluene	0.500 ug/L (U)	06/20/2019 02:00 AM	DLY	EPA 524.3
95476 o-Xylene	0.500 ug/L (U)	06/20/2019 02:00 AM	DLY	EPA 524.3
106434 p-Chlorotoluene	0.500 ug/L (U)	06/20/2019 02:00 AM	DLY	EPA 524.3
98566 PCTFB	0.500 ug/L (U)	06/20/2019 02:00 AM	DLY	EPA 524.3
135988 Sec-Butylbenzene	0.500 ug/L (U)	06/20/2019 02:00 AM	DLY	EPA 524.3
100425 Styrene	0.500 ug/L (U)	06/20/2019 02:00 AM	DLY	EPA 524.3
75650 t-Butyl alcohol	5.00 ug/L (U)	06/20/2019 02:00 AM	DLY	EPA 524.3
540885 tert-Butyl Acetate	2.50 ug/L (U)	06/20/2019 02:00 AM	DLY	EPA 524.3
98066 Tert-Butylbenzene	0.500 ug/L (U)	06/20/2019 02:00 AM	DLY	EPA 524.3
127184 Tetrachloroethene	0.500 ug/L (U)	06/20/2019 02:00 AM	DLY	EPA 524.3
109999 Tetrahydrofuran	0.500 ug/L (U)	06/20/2019 02:00 AM	DLY	EPA 524.3
108883 Toluene	0.500 ug/L (U)	06/20/2019 02:00 AM	DLY	EPA 524.3
1330207 Total Xylenes	0 ug/L	06/20/2019 02:00 AM	DLY	EPA 524.3
156605 trans-1,2-Dichloroethene	0.500 ug/L (U)	06/20/2019 02:00 AM	DLY	EPA 524.3
10061026 trans-1,3-Dichloropropene	0.500 ug/L (U)	06/20/2019 02:00 AM	DLY	EPA 524.3
79016 Trichloroethene	12.1 ug/L	06/20/2019 02:00 AM	DLY	EPA 524.3
75694 Trichlorofluoromethane	0.500 ug/L (U)	06/20/2019 02:00 AM	DLY	EPA 524.3
108054 Vinyl Acetate	0.500 ug/L (U)	06/20/2019 02:00 AM	DLY	EPA 524.3

The results of the analyses provided in this laboratory report relate only to the sample(s) identified therein. Unless otherwise noted, the results presented on this laboratory report meet all requirements of the 2009 TNI standard. Sample was in acceptable condition when received by the Laboratory. Any exceptions are noted in the report.
* denotes tests that the laboratory is not accredited for

J - Indicates an estimated value, reported between Reporting Limit (RL) and Minimum Detection Limit (MDL).

Taru Upadhyay, Technical Director, Bureau of Laboratories

ORGANICS LABORATORY QUALIFIERS

U - Indicates analysis was performed for the compound but it was not detected. The sample quantitation limit is reported.

J - Indicates an estimated value, reported between Reporting Limit (RL) and Minimum Detection Limit (MDL).

N - Indicates presumptive evidence of a compound.

B - This flag is used when the analyte is found in the associated blank as well as in the sample.

E - This flag identifies compounds whose concentrations exceed the calibration range of the instrument for that specific analysis.

P - This flag is used with a target analyte when there is greater than a 40% difference between the results obtained from the primary and confirmation columns for dual column analysis methods (e.g. pesticides, triazines, PCBs, etc)

Q - This flag identifies the average of multiple results from multiple analyses, or the average of the averages of dual column analysis methods.

X - Non-target analytes co-elute with compound. Identification unable to be confirmed.

Date of Issue: 08/27/2022 04:11:27

DEP Bureau of Laboratories - Harrisburg
P.O. Box 1467
2575 Interstate Drive
Harrisburg, PA 17105-1467

Contact Phone Number: (717) 346-7200

NELAP - accredited by

NJ DEP - Laboratory Number: PA059
PA DEP LAP - DEP Lab ID: 22-00223

Analytical Report For
Environmental Cleanup

Sample ID: 2128 009 **Date Collected:** 08/08/2022 01:20:00 PM **Lab Sample ID:** O2022003088 **Status:** Completed

Name of Sample Collector: Dustin Armstrong
Date Received: 08/09/2022

County: Bucks **State:**
Municipality: Nockamixon Twp
65 BRENNAN RD

Sample Medium: Ground Water
Sample Medium Type: Water

Location: 65 Brennan Pre
Reason: Routine Sampling
Project: NOCK TCE Nockamixon TCE HSCA SITE
Suite: VOADW
Matrix: Water

Stream Condition:

Test Codes / CAS # - Description	Reported Results	Date And Time Analyzed	Approved by	Test Method
630206 1,1,1,2-Tetrachloroethane	0.500 ug/L (U)	08/17/2022 02:00 AM	ALIU	EPA 524.3
71556 1,1,1-Trichloroethane	36.5 ug/L	08/17/2022 02:00 AM	ALIU	EPA 524.3
79345 1,1,2,2-Tetrachloroethane	0.500 ug/L (U)	08/17/2022 02:00 AM	ALIU	EPA 524.3
79005 1,1,2-Trichloroethane	1.33 ug/L	08/17/2022 02:00 AM	ALIU	EPA 524.3

Sample ID: 2128 009 **Date Collected:** 08/08/2022 01:20:00 PM **Lab Sample ID:** O2022003088 **Status:** Completed

Test Codes / CAS # - Description		Reported Results	Date And Time Analyzed	Approved by	Test Method
There was an interference with this compound. Compound may or may notbe present in the sample.					
75343	1,1-Dichloroethane	2.22 ug/L	08/17/2022 02:00 AM	ALIU	EPA 524.3
75354	1,1-Dichloroethene	64.7 ug/L	08/17/2022 02:00 AM	ALIU	EPA 524.3
563586	1,1-Dichloropropene	0.500 ug/L (U)	08/17/2022 02:00 AM	ALIU	EPA 524.3
87616	1,2,3-Trichlorobenzene	0.500 ug/L (U)	08/17/2022 02:00 AM	ALIU	EPA 524.3
96184	1,2,3-Trichloropropane	0.500 ug/L (U)	08/17/2022 02:00 AM	ALIU	EPA 524.3
120821	1,2,4-Trichlorobenzene	0.500 ug/L (U)	08/17/2022 02:00 AM	ALIU	EPA 524.3
95636	1,2,4-Trimethylbenzene	0.500 ug/L (U)	08/17/2022 02:00 AM	ALIU	EPA 524.3
95501	1,2-Dichlorobenzene	0.500 ug/L (U)	08/17/2022 02:00 AM	ALIU	EPA 524.3
107062	1,2-Dichloroethane	0.500 ug/L (U)	08/17/2022 02:00 AM	ALIU	EPA 524.3
78875	1,2-Dichloropropane	0.500 ug/L (U)	08/17/2022 02:00 AM	ALIU	EPA 524.3
108678	1,3,5-Trimethylbenzene	0.500 ug/L (U)	08/17/2022 02:00 AM	ALIU	EPA 524.3
541731	1,3-Dichlorobenzene	0.500 ug/L (U)	08/17/2022 02:00 AM	ALIU	EPA 524.3
142289	1,3-Dichloropropane	0.500 ug/L (U)	08/17/2022 02:00 AM	ALIU	EPA 524.3
106467	1,4-Dichlorobenzene	0.500 ug/L (U)	08/17/2022 02:00 AM	ALIU	EPA 524.3
594207	2,2-Dichloropropane	0.500 ug/L (U)	08/17/2022 02:00 AM	ALIU	EPA 524.3
78933	2-Butanone	2.50 ug/L (U)	08/17/2022 02:00 AM	ALIU	EPA 524.3
591786	2-Hexanone	2.50 ug/L (U)	08/17/2022 02:00 AM	ALIU	EPA 524.3
99876	4-Isopropyltoluene	0.500 ug/L (U)	08/17/2022 02:00 AM	ALIU	EPA 524.3
108101	4-Methyl-2-pentanone	2.50 ug/L (U)	08/17/2022 02:00 AM	ALIU	EPA 524.3
67641	Acetone	2.50 ug/L (U)	08/17/2022 02:00 AM	ALIU	EPA 524.3
71432	Benzene	0.500 ug/L (U)	08/17/2022 02:00 AM	ALIU	EPA 524.3
108861	Bromobenzene	0.500 ug/L (U)	08/17/2022 02:00 AM	ALIU	EPA 524.3
74975	Bromochloromethane	0.500 ug/L (U)	08/17/2022 02:00 AM	ALIU	EPA 524.3
75274	Bromodichloromethane	0.500 ug/L (U)	08/17/2022 02:00 AM	ALIU	EPA 524.3
75252	Bromoform	0.500 ug/L (U)	08/17/2022 02:00 AM	ALIU	EPA 524.3
74839	Bromomethane	0.500 ug/L (U)	08/17/2022 02:00 AM	ALIU	EPA 524.3
75150	Carbon disulfide	0.500 ug/L (U)	08/17/2022 02:00 AM	ALIU	EPA 524.3
56235	Carbon tetrachloride	0.500 ug/L (U)	08/17/2022 02:00 AM	ALIU	EPA 524.3
108907	Chlorobenzene	0.500 ug/L (U)	08/17/2022 02:00 AM	ALIU	EPA 524.3
75003	Chloroethane	0.500 ug/L (U)	08/17/2022 02:00 AM	ALIU	EPA 524.3
75014	Chloroethene (vinyl chloride)	0.500 ug/L (U)	08/17/2022 02:00 AM	ALIU	EPA 524.3
67663	Chloroform	0.500 ug/L (U)	08/17/2022 02:00 AM	ALIU	EPA 524.3
74873	Chloromethane	0.500 ug/L (U)	08/17/2022 02:00 AM	ALIU	EPA 524.3
156592	cis-1,2-Dichloroethene	364 ug/L	08/17/2022 02:00 AM	ALIU	EPA 524.3
10061015	cis-1,3-Dichloropropene	0.500 ug/L (U)	08/17/2022 02:00 AM	ALIU	EPA 524.3

Analytical Report For
Environmental Cleanup

Sample ID: 2128 009 **Date Collected:** 08/08/2022 01:20:00 PM **Lab Sample ID:** O2022003088 **Status:** Completed

Test Codes / CAS # - Description	Reported Results	Date And Time Analyzed	Approved by	Test Method
124481 Dibromochloromethane	0.500 ug/L (U)	08/17/2022 02:00 AM	ALIU	EPA 524.3
74953 Dibromomethane	0.500 ug/L (U)	08/17/2022 02:00 AM	ALIU	EPA 524.3
75718 Dichlorodifluoromethane	0.500 ug/L (U)	08/17/2022 02:00 AM	ALIU	EPA 524.3
75092 Dichloromethane	0.500 ug/L (U)	08/17/2022 02:00 AM	ALIU	EPA 524.3
100414 Ethylbenzene	0.500 ug/L (U)	08/17/2022 02:00 AM	ALIU	EPA 524.3
87683 Hexachlorobutadiene	0.500 ug/L (U)	08/17/2022 02:00 AM	ALIU	EPA 524.3
98828 Isopropylbenzene	0.500 ug/L (U)	08/17/2022 02:00 AM	ALIU	EPA 524.3
108383 m/p-Xylenes	1.00 ug/L (U)	08/17/2022 02:00 AM	ALIU	EPA 524.3
1634044 Methyl-tert-butyl Ether	0.500 ug/L (U)	08/17/2022 02:00 AM	ALIU	EPA 524.3
91203 Naphthalene	0.500 ug/L (U)	08/17/2022 02:00 AM	ALIU	EPA 524.3
104518 n-Butylbenzene	0.500 ug/L (U)	08/17/2022 02:00 AM	ALIU	EPA 524.3
103651 n-Propylbenzene	0.500 ug/L (U)	08/17/2022 02:00 AM	ALIU	EPA 524.3
95498 o-Chlorotoluene	0.500 ug/L (U)	08/17/2022 02:00 AM	ALIU	EPA 524.3
95476 o-Xylene	0.500 ug/L (U)	08/17/2022 02:00 AM	ALIU	EPA 524.3
106434 p-Chlorotoluene	0.500 ug/L (U)	08/17/2022 02:00 AM	ALIU	EPA 524.3
98566 PCTFB	0.500 ug/L (U)	08/17/2022 02:00 AM	ALIU	EPA 524.3
135988 Sec-Butylbenzene	0.500 ug/L (U)	08/17/2022 02:00 AM	ALIU	EPA 524.3
100425 Styrene	0.500 ug/L (U)	08/17/2022 02:00 AM	ALIU	EPA 524.3
75650 t-Butyl alcohol	5.00 ug/L (U)	08/17/2022 02:00 AM	ALIU	EPA 524.3
540885 tert-Butyl Acetate	2.50 ug/L (U)	08/17/2022 02:00 AM	ALIU	EPA 524.3
98066 Tert-Butylbenzene	0.500 ug/L (U)	08/17/2022 02:00 AM	ALIU	EPA 524.3
127184 Tetrachloroethene	47.2 ug/L	08/17/2022 02:00 AM	ALIU	EPA 524.3
109999 Tetrahydrofuran	0.500 ug/L (U)	08/17/2022 02:00 AM	ALIU	EPA 524.3
108883 Toluene	0.500 ug/L (U)	08/17/2022 02:00 AM	ALIU	EPA 524.3
1330207 Total Xylenes	0 ug/L	08/17/2022 02:00 AM	ALIU	EPA 524.3
156605 trans-1,2-Dichloroethene	2.08 ug/L	08/17/2022 02:00 AM	ALIU	EPA 524.3
10061026 trans-1,3-Dichloropropene	0.500 ug/L (U)	08/17/2022 02:00 AM	ALIU	EPA 524.3
79016 Trichloroethene	1170 ug/L	08/17/2022 02:00 AM	ALIU	EPA 524.3
75694 Trichlorofluoromethane	0.500 ug/L (U)	08/17/2022 02:00 AM	ALIU	EPA 524.3
108054 Vinyl Acetate	0.500 ug/L (U)	08/17/2022 02:00 AM	ALIU	EPA 524.3

Sample ID: 2128 009 **Date Collected:** 08/08/2022 01:20:00 PM **Lab Sample ID:** O2022003088 **Status:** Completed

The results of the analyses provided in this laboratory report relate only to the sample(s) identified therein. Unless otherwise noted, the results presented on this laboratory report meet all requirements of the 2016 TNI standard. Sample was in acceptable condition when received by the Laboratory. Any exceptions are noted in the report.
* denotes tests that the laboratory is not accredited for

U - Indicates analysis was performed for the test but it was not detected. The sample quantitation limit is reported.

J - Indicates an estimated value, reported between Reporting Limit (RL) and Minimum Detection Limit (MDL).

Dr. Pamela Higgins, Technical Director, Bureau of Laboratories

ORGANICS LABORATORY QUALIFIERS

U - Indicates analysis was performed for the test but it was not detected. The sample quantitation limit is reported.

J - Indicates an estimated value, reported between Reporting Limit (RL) and Minimum Detection Limit (MDL).

N - Indicates presumptive evidence of a compound.

B - This flag is used when the analyte is found in the associated blank as well as in the sample.

E - This flag identifies compounds whose concentrations exceed the calibration range of the instrument for that specific analysis.

P - This flag is used with a target analyte when there is greater than a 40% difference between the results obtained from the primary and confirmation columns for dual column analysis methods (e.g. pesticides, triazines, PCBs, etc)

Q - This flag identifies the average of multiple results from multiple analyses, or the average of the averages of dual column analysis methods.

X - Non-target analytes co-elute with compound. Identification unable to be confirmed.

DEP Bureau Of Laboratories - Harrisburg
P.O. Box 1467
2575 Interstate Drive
Harrisburg, PA 17105-1467

Contact Phone Number: (717) 346-7200

Analytical Report FOR
Environmental Cleanup

Sample ID: 2170 010 Status: Completed

Name of Sample Collector: Margaret R Pollich
Date Sample was Collected: 12/28/2011 12:20:00 PM

County: Bucks State: PA
Municipality: NOT INDICATED

Sample Medium : Ground Water
Sample Medium Type: Water

Location: 44 Brennan-PRE
Reason: Routine Sampling
Project: NOT INDICATED
Laboratory Sample ID: O2011010858 Date Received: 12/28/2011 Completed
Suite: VOADW

Legal Seal: I003018 Intact: YES

Sample Comment: TIC: Methylstrene

Test Codes/CAS# - Description		Reported Results	Date And Time Analyzed	Analyst	Test Method
98828	Isopropylbenzene	0.250 UG/L (U)	01/04/2011 12:00 AM	DLY	EPA 524.2
107062	1,2-Dichloroethane	0.250 UG/L (U)	01/04/2011 12:00 AM	DLY	EPA 524.2
75650	t-Butyl alcohol	2.50 UG/L (U)	01/04/2011 12:00 AM	DLY	EPA 524.2
156605	trans-1,2-Dichloroethene	0.710 UG/L	01/04/2011 12:00 AM	DLY	EPA 524.2
108101	MIBK	1.25 UG/L (U)	01/04/2011 12:00 AM	DLY	EPA 524.2
108383	m/p-Xylene	0.500 UG/L (U)	01/04/2011 12:00 AM	DLY	EPA 524.2
127184	Tetrachloroethene	23.2 UG/L (Q)	01/04/2011 12:00 AM	DLY	EPA 524.2
135988	Sec-Butylbenzene	0.250 UG/L (U)	01/04/2011 12:00 AM	DLY	EPA 524.2
142289	1,3-Dichloropropane	0.250 UG/L (U)	01/04/2011 12:00 AM	DLY	EPA 524.2
563586	1,1-Dichloropropene	0.250 UG/L (U)	01/04/2011 12:00 AM	DLY	EPA 524.2
71556	1,1,1-Trichloroethane	19.2 UG/L (Q)	01/04/2011 12:00 AM	DLY	EPA 524.2
74839	Bromomethane	0.250 UG/L (U)	01/04/2011 12:00 AM	DLY	EPA 524.2

Analytical Report FOR
Environmental Cleanup

Sample ID: 2170 010 Status: Completed

Test Codes/CAS#	Description	Reported Results	Date And Time Analyzed	Analyst	Test Method
74873	Chloromethane	0.250 UG/L (U)	01/04/2011 12:00 AM	DLY	EPA 524.2
75003	Chloroethane	0.250 UG/L (U)	01/04/2011 12:00 AM	DLY	EPA 524.2
75092	Methylene Chloride	0.250 UG/L (U)	01/04/2011 12:00 AM	DLY	EPA 524.2
75343	1,1-Dichloroethane	0.642 UG/L	01/04/2011 12:00 AM	DLY	EPA 524.2
78875	1,2-Dichloropropane	0.250 UG/L (U)	01/04/2011 12:00 AM	DLY	EPA 524.2
78933	MEK	1.25 UG/L (U)	01/04/2011 12:00 AM	DLY	EPA 524.2
79016	Trichloroethene	411 UG/L	01/04/2011 12:00 AM	DLY	EPA 524.2
98066	Tert-Butylbenzene	0.250 UG/L (U)	01/04/2011 12:00 AM	DLY	EPA 524.2
75718	Dichlorodifluoromethane	0.250 UG/L (U)	01/04/2011 12:00 AM	DLY	EPA 524.2
156592	cis-1,2-Dichloroethene	105 UG/L	01/04/2011 12:00 AM	DLY	EPA 524.2
108678	1,3,5-Trimethylbenzene	0.250 UG/L (U)	01/04/2011 12:00 AM	DLY	EPA 524.2
594207	2,2-Dichloropropane	0.250 UG/L (U)	01/04/2011 12:00 AM	DLY	EPA 524.2
67641	Acetone	1.25 UG/L (U)	01/04/2011 12:00 AM	DLY	EPA 524.2
75274	Bromodichloromethane	0.250 UG/L (U)	01/04/2011 12:00 AM	DLY	EPA 524.2
79345	1,1,2,2-Tetrachloroethane	0.250 UG/L (U)	01/04/2011 12:00 AM	DLY	EPA 524.2
96184	1,2,3-Trichloropropane	0.250 UG/L (U)	01/04/2011 12:00 AM	DLY	EPA 524.2
99876	4-Isopropyltoluene	0.250 UG/L (U)	01/04/2011 12:00 AM	DLY	EPA 524.2
95498	o-Chlorotoluene	0.250 UG/L (U)	01/04/2011 12:00 AM	DLY	EPA 524.2
541731	1,3-Dichlorobenzene	0.250 UG/L (U)	01/04/2011 12:00 AM	DLY	EPA 524.2
106934	1,2-Dibromoethane	0.250 UG/L (U)	01/04/2011 12:00 AM	DLY	EPA 524.2
95636	1,2,4-Trimethylbenzene	0.250 UG/L (U)	01/04/2011 12:00 AM	DLY	EPA 524.2
96128	1,2-Dibromo-3-chloropropa	0.250 UG/L (U)	01/04/2011 12:00 AM	DLY	EPA 524.2
100414	Ethylbenzene	0.250 UG/L (U)	01/04/2011 12:00 AM	DLY	EPA 524.2
106434	p-Chlorotoluene	0.250 UG/L (U)	01/04/2011 12:00 AM	DLY	EPA 524.2
71432	Benzene	0.250 UG/L (U)	01/04/2011 12:00 AM	DLY	EPA 524.2
56235	Carbon Tetrachloride	0.250 UG/L (U)	01/04/2011 12:00 AM	DLY	EPA 524.2
1634044	Methyl Tert-Butyl Ether	0.250 UG/L (U)	01/04/2011 12:00 AM	DLY	EPA 524.2
100425	Styrene	0.250 UG/L (U)	01/04/2011 12:00 AM	DLY	EPA 524.2
10061026	trans-1,3-Dichloropropene	0.250 UG/L (U)	01/04/2011 12:00 AM	DLY	EPA 524.2
104518	n-Butylbenzene	0.250 UG/L (U)	01/04/2011 12:00 AM	DLY	EPA 524.2
108861	Bromobenzene	0.250 UG/L (U)	01/04/2011 12:00 AM	DLY	EPA 524.2
108907	Chlorobenzene	0.250 UG/L (U)	01/04/2011 12:00 AM	DLY	EPA 524.2
591786	2-Hexanone	1.25 UG/L (U)	01/04/2011 12:00 AM	DLY	EPA 524.2
630206	1,1,1,2-Tetrachloroethane	0.250 UG/L (U)	01/04/2011 12:00 AM	DLY	EPA 524.2

Analytical Report FOR
Environmental Cleanup

Sample ID: 2170 010 Status: Completed

Test Codes/CAS#	Description	Reported Results	Date And Time Analyzed	Analyst	Test Method
87616	1,2,3-Trichlorobenzene	0.250 UG/L (U)	01/04/2011 12:00 AM	DLY	EPA 524.2
95501	1,2-Dichlorobenzene	0.250 UG/L (U)	01/04/2011 12:00 AM	DLY	EPA 524.2
67663	Chloroform	0.250 UG/L (U)	01/04/2011 12:00 AM	DLY	EPA 524.2
74953	Dibromomethane	0.250 UG/L (U)	01/04/2011 12:00 AM	DLY	EPA 524.2
75252	Bromoform	0.250 UG/L (U)	01/04/2011 12:00 AM	DLY	EPA 524.2
75354	1,1-Dichloroethene	14.7 UG/L (Q)	01/04/2011 12:00 AM	DLY	EPA 524.2
75014	Chloroethene (vinyl chlor	0.250 UG/L (U)	01/04/2011 12:00 AM	DLY	EPA 524.2
10061015	cis-1,3-Dichloropropene	0.250 UG/L (U)	01/04/2011 12:00 AM	DLY	EPA 524.2
103651	n-Propylbenzene	0.250 UG/L (U)	01/04/2011 12:00 AM	DLY	EPA 524.2
106467	1,4-Dichlorobenzene	0.250 UG/L (U)	01/04/2011 12:00 AM	DLY	EPA 524.2
108883	Toluene	0.250 UG/L (U)	01/04/2011 12:00 AM	DLY	EPA 524.2
120821	1,2,4-Trichlorobenzene	0.250 UG/L (U)	01/04/2011 12:00 AM	DLY	EPA 524.2
74975	Bromochloromethane	0.250 UG/L (U)	01/04/2011 12:00 AM	DLY	EPA 524.2
75694	Trichlorofluoromethane	0.250 UG/L (U)	01/04/2011 12:00 AM	DLY	EPA 524.2
79005	1,1,2-Trichloroethane	0.532 UG/L	01/04/2011 12:00 AM	DLY	EPA 524.2
124481	Dibromochloromethane	0.250 UG/L (U)	01/04/2011 12:00 AM	DLY	EPA 524.2
87683	Hexachlorobutadiene	0.250 UG/L (U)	01/04/2011 12:00 AM	DLY	EPA 524.2
91203	Naphthalene	0.250 UG/L (U)	01/04/2011 12:00 AM	DLY	EPA 524.2
95476	o-Xylene	0.250 UG/L (U)	01/04/2011 12:00 AM	DLY	EPA 524.2

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The results of the analyses provided in this laboratory report relate only to the sample(s) identified in the report. Unless otherwise noted, the results presented on this laboratory report meet all the requirements of The NELAC Institute (TNI). Sample was in acceptable condition when received by the Laboratory. Any exceptions are noted in the report. Tests noted with an "*" are not included in our NJ NELAP Annual Certified Parameter List.

Taru Upadhyay, Technical Director, Bureau of Laboratories

****

Analytical Report FOR
Environmental Cleanup

Sample ID: 2170 010 Status: Completed

ORGANICS LABORATORY QUALIFIERS

U - Indicates analysis was performed for the compound but it was not detected. The sample quantitation limit is reported.

J - Indicates an estimated value, below the quantification limit, but above the method detection limit.

N - Indicates presumptive evidence of a compound.

B - This flag is used when the analyte is found in the associated blank as well as in the sample.

E - This flag identifies compounds whose concentrations exceed the calibration range of the instrument for that specific analysis.

P - This flag is used with a target analyte when there is greater than a 25% difference between the results obtained from the primary and confirmation columns for dual column analysis methods (i.e. pesticides, triazines, PCBs, etc). The reported value is the average of the two results.

Q - This flag identifies the average of multiple results from multiple analyses, or the average of the averages of dual column analysis methods.

_ - (Underline) - The compound is present at the amount reported. No flag.

X - Non-target analytes co-elute with compound. Identification unable to be confirmed.

DEP Bureau Of Laboratories - Harrisburg
P.O. Box 1467
2575 Interstate Drive
Harrisburg, PA 17105-1467

Contact Phone Number: (717) 346-7200

Analytical Report FOR
Environmental Cleanup

Sample ID: 2120 003 Status: Completed

Name of Sample Collector: Megan K Harkins
Date Sample was Collected: 04/18/2011 11:10:00 AM

County: NOT INDICATED State:
Municipality: NOT INDICATED

Sample Medium :
Sample Medium Type:

Location: 30 Brennan Pre
Reason: Routine Sampling
Project: NOT INDICATED
Laboratory Sample ID: O2011002500 Date Received: 04/18/2011 Completed
Suite: VOADW

Legal Seal: G049135 Intact: YES

Test Codes/CAS#	Description	Reported Results	Date And Time Analyzed	Analyst	Test Method
98066	Tert-Butylbenzene	0.250 UG/L (U)	04/23/2011 12:00 AM	ANDSCHMIDT	EPA 524.2
98828	Isopropylbenzene	0.250 UG/L (U)	04/23/2011 12:00 AM	ANDSCHMIDT	EPA 524.2
107062	1,2-Dichloroethane	0.250 UG/L (U)	04/23/2011 12:00 AM	ANDSCHMIDT	EPA 524.2
75650	t-Butyl alcohol	2.50 UG/L (U)	04/23/2011 12:00 AM	ANDSCHMIDT	EPA 524.2
156605	trans-1,2-Dichloroethene	0.250 UG/L (U)	04/23/2011 12:00 AM	ANDSCHMIDT	EPA 524.2
79016	Trichloroethene	211 UG/L (Q)	04/23/2011 12:00 AM	ANDSCHMIDT	EPA 524.2
106434	p-Chlorotoluene	0.250 UG/L (U)	04/23/2011 12:00 AM	ANDSCHMIDT	EPA 524.2
108101	MIBK	1.25 UG/L (U)	04/23/2011 12:00 AM	ANDSCHMIDT	EPA 524.2
108383	m/p-Xylene	0.500 UG/L (U)	04/23/2011 12:00 AM	ANDSCHMIDT	EPA 524.2
127184	Tetrachloroethene	8.28 UG/L (Q)	04/23/2011 12:00 AM	ANDSCHMIDT	EPA 524.2
135988	Sec-Butylbenzene	0.250 UG/L (U)	04/23/2011 12:00 AM	ANDSCHMIDT	EPA 524.2
142289	1,3-Dichloropropane	0.250 UG/L (U)	04/23/2011 12:00 AM	ANDSCHMIDT	EPA 524.2
563586	1,1-Dichloropropene	0.250 UG/L (U)	04/23/2011 12:00 AM	ANDSCHMIDT	EPA 524.2
71556	1,1,1-Trichloroethane	7.60 UG/L (Q)	04/23/2011 12:00 AM	ANDSCHMIDT	EPA 524.2

Analytical Report FOR
Environmental Cleanup

Sample ID: 2120 003 Status: Completed

Test Codes/CAS#	- Description	Reported Results	Date And Time Analyzed	Analyst	Test Method
74839	Bromomethane	0.250 UG/L (U)	04/23/2011 12:00 AM	ANDSCHMIDT	EPA 524.2
74873	Chloromethane	0.250 UG/L (U)	04/23/2011 12:00 AM	ANDSCHMIDT	EPA 524.2
75003	Chloroethane	0.250 UG/L (U)	04/23/2011 12:00 AM	ANDSCHMIDT	EPA 524.2
100414	Ethylbenzene	0.250 UG/L (U)	04/23/2011 12:00 AM	ANDSCHMIDT	EPA 524.2
75092	Methylene Chloride	0.250 UG/L (U)	04/23/2011 12:00 AM	ANDSCHMIDT	EPA 524.2
75343	1,1-Dichloroethane	0.250 UG/L (U)	04/23/2011 12:00 AM	ANDSCHMIDT	EPA 524.2
78875	1,2-Dichloropropane	0.250 UG/L (U)	04/23/2011 12:00 AM	ANDSCHMIDT	EPA 524.2
78933	MEK	1.25 UG/L (U)	04/23/2011 12:00 AM	ANDSCHMIDT	EPA 524.2
75354	1,1-Dichloroethene	5.33 UG/L (Q)	04/23/2011 12:00 AM	ANDSCHMIDT	EPA 524.2
75718	Dichlorodifluoromethane	0.250 UG/L (U)	04/23/2011 12:00 AM	ANDSCHMIDT	EPA 524.2
156592	cis-1,2-Dichloroethene	37.5 UG/L (Q)	04/23/2011 12:00 AM	ANDSCHMIDT	EPA 524.2
108678	1,3,5-Trimethylbenzene	0.250 UG/L (U)	04/23/2011 12:00 AM	ANDSCHMIDT	EPA 524.2
594207	2,2-Dichloropropane	0.250 UG/L (U)	04/23/2011 12:00 AM	ANDSCHMIDT	EPA 524.2
67641	Acetone	1.25 UG/L (U)	04/23/2011 12:00 AM	ANDSCHMIDT	EPA 524.2
75274	Bromodichloromethane	0.250 UG/L (U)	04/23/2011 12:00 AM	ANDSCHMIDT	EPA 524.2
79345	1,1,2,2-Tetrachloroethane	0.250 UG/L (U)	04/23/2011 12:00 AM	ANDSCHMIDT	EPA 524.2
96184	1,2,3-Trichloropropane	0.250 UG/L (U)	04/23/2011 12:00 AM	ANDSCHMIDT	EPA 524.2
99876	4-Isopropyltoluene	0.250 UG/L (U)	04/23/2011 12:00 AM	ANDSCHMIDT	EPA 524.2
95498	o-Chlorotoluene	0.250 UG/L (U)	04/23/2011 12:00 AM	ANDSCHMIDT	EPA 524.2
75252	Bromoform	0.250 UG/L (U)	04/23/2011 12:00 AM	ANDSCHMIDT	EPA 524.2
541731	1,3-Dichlorobenzene	0.250 UG/L (U)	04/23/2011 12:00 AM	ANDSCHMIDT	EPA 524.2
106934	1,2-Dibromoethane	0.250 UG/L (U)	04/23/2011 12:00 AM	ANDSCHMIDT	EPA 524.2
95636	1,2,4-Trimethylbenzene	0.250 UG/L (U)	04/23/2011 12:00 AM	ANDSCHMIDT	EPA 524.2
96128	1,2-Dibromo-3-chloropropa	0.250 UG/L (U)	04/23/2011 12:00 AM	ANDSCHMIDT	EPA 524.2
91203	Naphthalene	0.250 UG/L (U)	04/23/2011 12:00 AM	ANDSCHMIDT	EPA 524.2
95476	o-Xylene	0.250 UG/L (U)	04/23/2011 12:00 AM	ANDSCHMIDT	EPA 524.2
87616	1,2,3-Trichlorobenzene	0.250 UG/L (U)	04/23/2011 12:00 AM	ANDSCHMIDT	EPA 524.2
95501	1,2-Dichlorobenzene	0.250 UG/L (U)	04/23/2011 12:00 AM	ANDSCHMIDT	EPA 524.2
71432	Benzene	0.250 UG/L (U)	04/23/2011 12:00 AM	ANDSCHMIDT	EPA 524.2
56235	Carbon Tetrachloride	0.250 UG/L (U)	04/23/2011 12:00 AM	ANDSCHMIDT	EPA 524.2
1634044	Methyl Tert-Butyl Ether	0.250 UG/L (U)	04/23/2011 12:00 AM	ANDSCHMIDT	EPA 524.2
100425	Styrene	0.250 UG/L (U)	04/23/2011 12:00 AM	ANDSCHMIDT	EPA 524.2
10061026	trans-1,3-Dichloropropene	0.250 UG/L (U)	04/23/2011 12:00 AM	ANDSCHMIDT	EPA 524.2
104518	n-Butylbenzene	0.250 UG/L (U)	04/23/2011 12:00 AM	ANDSCHMIDT	EPA 524.2

Analytical Report FOR
Environmental Cleanup

Sample ID: 2120 003 Status: Completed

Test Codes/CAS# - Description		Reported Results	Date And Time Analyzed	Analyst	Test Method
108861	Bromobenzene	0.250 UG/L (U)	04/23/2011 12:00 AM	ANDSCHMIDT	EPA 524.2
87683	Hexachlorobutadiene	0.250 UG/L (U)	04/23/2011 12:00 AM	ANDSCHMIDT	EPA 524.2
108907	Chlorobenzene	0.250 UG/L (U)	04/23/2011 12:00 AM	ANDSCHMIDT	EPA 524.2
591786	2-Hexanone	1.25 UG/L (U)	04/23/2011 12:00 AM	ANDSCHMIDT	EPA 524.2
630206	1,1,1,2-Tetrachloroethane	0.250 UG/L (U)	04/23/2011 12:00 AM	ANDSCHMIDT	EPA 524.2
67663	Chloroform	0.250 UG/L (U)	04/23/2011 12:00 AM	ANDSCHMIDT	EPA 524.2
74953	Dibromomethane	0.250 UG/L (U)	04/23/2011 12:00 AM	ANDSCHMIDT	EPA 524.2
75014	Chloroethene (vinyl chlor	0.250 UG/L (U)	04/23/2011 12:00 AM	ANDSCHMIDT	EPA 524.2
10061015	cis-1,3-Dichloropropene	0.250 UG/L (U)	04/23/2011 12:00 AM	ANDSCHMIDT	EPA 524.2
103651	n-Propylbenzene	0.250 UG/L (U)	04/23/2011 12:00 AM	ANDSCHMIDT	EPA 524.2
106467	1,4-Dichlorobenzene	0.250 UG/L (U)	04/23/2011 12:00 AM	ANDSCHMIDT	EPA 524.2
108883	Toluene	0.250 UG/L (U)	04/23/2011 12:00 AM	ANDSCHMIDT	EPA 524.2
120821	1,2,4-Trichlorobenzene	0.250 UG/L (U)	04/23/2011 12:00 AM	ANDSCHMIDT	EPA 524.2
74975	Bromochloromethane	0.250 UG/L (U)	04/23/2011 12:00 AM	ANDSCHMIDT	EPA 524.2
75694	Trichlorofluoromethane	0.250 UG/L (U)	04/23/2011 12:00 AM	ANDSCHMIDT	EPA 524.2
79005	1,1,2-Trichloroethane	0.250 UG/L (U)	04/23/2011 12:00 AM	ANDSCHMIDT	EPA 524.2
124481	Dibromochloromethane	0.250 UG/L (U)	04/23/2011 12:00 AM	ANDSCHMIDT	EPA 524.2

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The results of the analyses provided in this laboratory report relate only to the sample(s) identified in the report. Unless otherwise noted, the results presented on this laboratory report meet all the requirements of The NELAC Institute (TNI). Sample was in acceptable condition when received by the Laboratory. Any exceptions are noted in the report. Tests noted with an "*" are not included in our NJ NELAP Annual Certified Parameter List.

Taru Upadhyay, Technical Director, Bureau of Laboratories

****

Sample ID: 2120 003 Status: Completed

ORGANICS LABORATORY QUALIFIERS

U - Indicates analysis was performed for the compound but it was not detected. The sample quantitation limit is reported.

J - Indicates an estimated value, below the quantification limit, but above the method detection limit.

N - Indicates presumptive evidence of a compound.

B - This flag is used when the analyte is found in the associated blank as well as in the sample.

E - This flag identifies compounds whose concentrations exceed the calibration range of the instrument for that specific analysis.

P - This flag is used with a target analyte when there is greater than a 25% difference between the results obtained from the primary and confirmation columns for dual column analysis methods (i.e. pesticides, triazines, PCBs, etc). The reported value is the average of the two results.

Q - This flag identifies the average of multiple results from multiple analyses, or the average of the averages of dual column analysis methods.

_ - (Underline) - The compound is present at the amount reported. No flag.

X - Non-target analytes co-elute with compound. Identification unable to be confirmed.

DEP Bureau Of Laboratories - Harrisburg
P.O. Box 1467
2575 Interstate Drive
Harrisburg, PA 17105-1467

Contact Phone Number: (717) 346-7200

Analytical Report FOR
Environmental Cleanup

Sample ID: 2170 010 Status: Completed

Name of Sample Collector: Margaret R Pollich
Date Sample was Collected: 12/29/2011 11:15:00 AM

County: Bucks State: PA
Municipality: NOT INDICATED

Sample Medium : Ground Water
Sample Medium Type: Water

Location: 324 Park-Pre
Reason: Routine Sampling
Project: NOT INDICATED
Laboratory Sample ID: O2011010898 Date Received: 12/29/2011 Completed
Suite: VOADW

Test Codes/CAS#	Description	Reported Results	Date And Time Analyzed	Analyst	Test Method
75343	1,1-Dichloroethane	0.250 UG/L (U)	01/04/2011 12:00 AM	DLY	EPA 524.2
78875	1,2-Dichloropropane	0.250 UG/L (U)	01/04/2011 12:00 AM	DLY	EPA 524.2
78933	MEK	1.25 UG/L (U)	01/04/2011 12:00 AM	DLY	EPA 524.2
79016	Trichloroethene	12.4 UG/L	01/04/2011 12:00 AM	DLY	EPA 524.2
98066	Tert-Butylbenzene	0.250 UG/L (U)	01/04/2011 12:00 AM	DLY	EPA 524.2
98828	Isopropylbenzene	0.250 UG/L (U)	01/04/2011 12:00 AM	DLY	EPA 524.2
107062	1,2-Dichloroethane	0.250 UG/L (U)	01/04/2011 12:00 AM	DLY	EPA 524.2
75650	t-Butyl alcohol	2.50 UG/L (U)	01/04/2011 12:00 AM	DLY	EPA 524.2
156605	trans-1,2-Dichloroethene	0.250 UG/L (U)	01/04/2011 12:00 AM	DLY	EPA 524.2
95636	1,2,4-Trimethylbenzene	0.250 UG/L (U)	01/04/2011 12:00 AM	DLY	EPA 524.2
96128	1,2-Dibromo-3-chloropropa	0.250 UG/L (U)	01/04/2011 12:00 AM	DLY	EPA 524.2
100414	Ethylbenzene	0.250 UG/L (U)	01/04/2011 12:00 AM	DLY	EPA 524.2
106434	p-Chlorotoluene	0.250 UG/L (U)	01/04/2011 12:00 AM	DLY	EPA 524.2
108101	MIBK	1.25 UG/L (U)	01/04/2011 12:00 AM	DLY	EPA 524.2
108383	m/p-Xylene	0.500 UG/L (U)	01/04/2011 12:00 AM	DLY	EPA 524.2
127184	Tetrachloroethene	0.411 UG/L	01/04/2011 12:00 AM	DLY	EPA 524.2

Analytical Report FOR
Environmental Cleanup

Sample ID: 2170 010 Status: Completed

Test Codes/CAS#	- Description	Reported Results	Date And Time Analyzed	Analyst	Test Method
135988	Sec-Butylbenzene	0.250 UG/L (U)	01/04/2011 12:00 AM	DLY	EPA 524.2
142289	1,3-Dichloropropane	0.250 UG/L (U)	01/04/2011 12:00 AM	DLY	EPA 524.2
563586	1,1-Dichloropropene	0.250 UG/L (U)	01/04/2011 12:00 AM	DLY	EPA 524.2
71556	1,1,1-Trichloroethane	0.628 UG/L	01/04/2011 12:00 AM	DLY	EPA 524.2
74839	Bromomethane	0.250 UG/L (U)	01/04/2011 12:00 AM	DLY	EPA 524.2
74873	Chloromethane	0.250 UG/L (U)	01/04/2011 12:00 AM	DLY	EPA 524.2
75003	Chloroethane	0.250 UG/L (U)	01/04/2011 12:00 AM	DLY	EPA 524.2
75092	Methylene Chloride	0.250 UG/L (U)	01/04/2011 12:00 AM	DLY	EPA 524.2
74953	Dibromomethane	0.250 UG/L (U)	01/04/2011 12:00 AM	DLY	EPA 524.2
75252	Bromoform	0.250 UG/L (U)	01/04/2011 12:00 AM	DLY	EPA 524.2
75354	1,1-Dichloroethene	0.599 UG/L	01/04/2011 12:00 AM	DLY	EPA 524.2
75718	Dichlorodifluoromethane	0.250 UG/L (U)	01/04/2011 12:00 AM	DLY	EPA 524.2
156592	cis-1,2-Dichloroethene	1.07 UG/L	01/04/2011 12:00 AM	DLY	EPA 524.2
108678	1,3,5-Trimethylbenzene	0.250 UG/L (U)	01/04/2011 12:00 AM	DLY	EPA 524.2
594207	2,2-Dichloropropane	0.250 UG/L (U)	01/04/2011 12:00 AM	DLY	EPA 524.2
67641	Acetone	1.25 UG/L (U)	01/04/2011 12:00 AM	DLY	EPA 524.2
75274	Bromodichloromethane	0.250 UG/L (U)	01/04/2011 12:00 AM	DLY	EPA 524.2
79345	1,1,2,2-Tetrachloroethane	0.250 UG/L (U)	01/04/2011 12:00 AM	DLY	EPA 524.2
96184	1,2,3-Trichloropropane	0.250 UG/L (U)	01/04/2011 12:00 AM	DLY	EPA 524.2
99876	4-Isopropyltoluene	0.250 UG/L (U)	01/04/2011 12:00 AM	DLY	EPA 524.2
95498	o-Chlorotoluene	0.250 UG/L (U)	01/04/2011 12:00 AM	DLY	EPA 524.2
541731	1,3-Dichlorobenzene	0.250 UG/L (U)	01/04/2011 12:00 AM	DLY	EPA 524.2
106934	1,2-Dibromoethane	0.250 UG/L (U)	01/04/2011 12:00 AM	DLY	EPA 524.2
91203	Naphthalene	0.250 UG/L (U)	01/04/2011 12:00 AM	DLY	EPA 524.2
95476	o-Xylene	0.250 UG/L (U)	01/04/2011 12:00 AM	DLY	EPA 524.2
87616	1,2,3-Trichlorobenzene	0.250 UG/L (U)	01/04/2011 12:00 AM	DLY	EPA 524.2
95501	1,2-Dichlorobenzene	0.250 UG/L (U)	01/04/2011 12:00 AM	DLY	EPA 524.2
71432	Benzene	0.250 UG/L (U)	01/04/2011 12:00 AM	DLY	EPA 524.2
56235	Carbon Tetrachloride	0.250 UG/L (U)	01/04/2011 12:00 AM	DLY	EPA 524.2
1634044	Methyl Tert-Butyl Ether	0.250 UG/L (U)	01/04/2011 12:00 AM	DLY	EPA 524.2
100425	Styrene	0.250 UG/L (U)	01/04/2011 12:00 AM	DLY	EPA 524.2
10061026	trans-1,3-Dichloropropene	0.250 UG/L (U)	01/04/2011 12:00 AM	DLY	EPA 524.2
104518	n-Butylbenzene	0.250 UG/L (U)	01/04/2011 12:00 AM	DLY	EPA 524.2
108861	Bromobenzene	0.250 UG/L (U)	01/04/2011 12:00 AM	DLY	EPA 524.2

Analytical Report FOR
Environmental Cleanup

Sample ID: 2170 010 Status: Completed

Test Codes/CAS#	Description	Reported Results	Date And Time Analyzed	Analyst	Test Method
108907	Chlorobenzene	0.250 UG/L (U)	01/04/2011 12:00 AM	DLY	EPA 524.2
591786	2-Hexanone	1.25 UG/L (U)	01/04/2011 12:00 AM	DLY	EPA 524.2
630206	1,1,1,2-Tetrachloroethane	0.250 UG/L (U)	01/04/2011 12:00 AM	DLY	EPA 524.2
67663	Chloroform	0.250 UG/L (U)	01/04/2011 12:00 AM	DLY	EPA 524.2
75014	Chloroethene (vinyl chlor	0.250 UG/L (U)	01/04/2011 12:00 AM	DLY	EPA 524.2
10061015	cis-1,3-Dichloropropene	0.250 UG/L (U)	01/04/2011 12:00 AM	DLY	EPA 524.2
103651	n-Propylbenzene	0.250 UG/L (U)	01/04/2011 12:00 AM	DLY	EPA 524.2
106467	1,4-Dichlorobenzene	0.250 UG/L (U)	01/04/2011 12:00 AM	DLY	EPA 524.2
108883	Toluene	0.250 UG/L (U)	01/04/2011 12:00 AM	DLY	EPA 524.2
120821	1,2,4-Trichlorobenzene	0.250 UG/L (U)	01/04/2011 12:00 AM	DLY	EPA 524.2
74975	Bromochloromethane	0.250 UG/L (U)	01/04/2011 12:00 AM	DLY	EPA 524.2
75694	Trichlorofluoromethane	0.250 UG/L (U)	01/04/2011 12:00 AM	DLY	EPA 524.2
79005	1,1,2-Trichloroethane	0.250 UG/L (U)	01/04/2011 12:00 AM	DLY	EPA 524.2
124481	Dibromochloromethane	0.250 UG/L (U)	01/04/2011 12:00 AM	DLY	EPA 524.2
87683	Hexachlorobutadiene	0.250 UG/L (U)	01/04/2011 12:00 AM	DLY	EPA 524.2

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The results of the analyses provided in this laboratory report relate only to the sample(s) identified in the report. Unless otherwise noted, the results presented on this laboratory report meet all the requirements of The NELAC Institute (TNI). Sample was in acceptable condition when received by the Laboratory. Any exceptions are noted in the report. Tests noted with an "*" are not included in our NJ NELAP Annual Certified Parameter List.

Taru Upadhyay, Technical Director, Bureau of Laboratories

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Analytical Report FOR
Environmental Cleanup

Sample ID: 2170 010 Status: Completed

ORGANICS LABORATORY QUALIFIERS

U - Indicates analysis was performed for the compound but it was not detected. The sample quantitation limit is reported.

J - Indicates an estimated value, below the quantification limit, but above the method detection limit.

N - Indicates presumptive evidence of a compound.

B - This flag is used when the analyte is found in the associated blank as well as in the sample.

E - This flag identifies compounds whose concentrations exceed the calibration range of the instrument for that specific analysis.

P - This flag is used with a target analyte when there is greater than a 25% difference between the results obtained from the primary and confirmation columns for dual column analysis methods (i.e. pesticides, triazines, PCBs, etc). The reported value is the average of the two results.

Q - This flag identifies the average of multiple results from multiple analyses, or the average of the averages of dual column analysis methods.

_ - (Underline) - The compound is present at the amount reported. No flag.

X - Non-target analytes co-elute with compound. Identification unable to be confirmed.

Date of Issue: 03/22/2022 04:05:39

DEP Bureau of Laboratories - Harrisburg
P.O. Box 1467
2575 Interstate Drive
Harrisburg, PA 17105-1467

Contact Phone Number: (717) 346-7200

NELAP - accredited by

NJ DEP - Laboratory Number: PA059
PA DEP LAP - DEP Lab ID: 22-00223

Analytical Report For
Environmental Cleanup

Sample ID: 2128 009 **Date Collected:** 02/16/2022 11:30:00 AM **Lab Sample ID:** O2022000613 **Status:** Completed

Name of Sample Collector: Dustin Armstrong
Date Received: 02/17/2022

County: Bucks **State:**
Municipality: Nockamixon Twp
338 PARK DR W

Sample Medium: Ground Water
Sample Medium Type: Water

Location: 338 Park Pre
Reason: Routine Sampling
Project: NOCK TCE Nockamixon TCE HSCA SITE
Suite: VOADW
Matrix: Water

Stream Condition:

Test Codes / CAS # - Description	Reported Results	Date And Time Analyzed	Approved by	Test Method
630206 1,1,1,2-Tetrachloroethane	0.500 ug/L (U)	02/25/2022 02:00 AM	ALIU	EPA 524.3
71556 1,1,1-Trichloroethane	18.8 ug/L (Q)	02/25/2022 02:00 AM	ALIU	EPA 524.3
79345 1,1,2,2-Tetrachloroethane	0.500 ug/L (U)	02/25/2022 02:00 AM	ALIU	EPA 524.3
79005 1,1,2-Trichloroethane	1.09 ug/L	02/25/2022 02:00 AM	ALIU	EPA 524.3

Analytical Report For
Environmental Cleanup

Sample ID: 2128 009 **Date Collected:** 02/16/2022 11:30:00 AM **Lab Sample ID:** O2022000613 **Status:** Completed

Test Codes / CAS # - Description		Reported Results	Date And Time Analyzed	Approved by	Test Method
75343	1,1-Dichloroethane	0.627 ug/L	02/25/2022 02:00 AM	ALIU	EPA 524.3
75354	1,1-Dichloroethene	34.6 ug/L (Q)	02/25/2022 02:00 AM	ALIU	EPA 524.3
563586	1,1-Dichloropropene	0.500 ug/L (U)	02/25/2022 02:00 AM	ALIU	EPA 524.3
87616	1,2,3-Trichlorobenzene	0.500 ug/L (U)	02/25/2022 02:00 AM	ALIU	EPA 524.3
96184	1,2,3-Trichloropropane	0.500 ug/L (U)	02/25/2022 02:00 AM	ALIU	EPA 524.3
120821	1,2,4-Trichlorobenzene	0.500 ug/L (U)	02/25/2022 02:00 AM	ALIU	EPA 524.3
95636	1,2,4-Trimethylbenzene	0.500 ug/L (U)	02/25/2022 02:00 AM	ALIU	EPA 524.3
95501	1,2-Dichlorobenzene	0.500 ug/L (U)	02/25/2022 02:00 AM	ALIU	EPA 524.3
107062	1,2-Dichloroethane	0.500 ug/L (U)	02/25/2022 02:00 AM	ALIU	EPA 524.3
78875	1,2-Dichloropropane	0.500 ug/L (U)	02/25/2022 02:00 AM	ALIU	EPA 524.3
108678	1,3,5-Trimethylbenzene	0.500 ug/L (U)	02/25/2022 02:00 AM	ALIU	EPA 524.3
541731	1,3-Dichlorobenzene	0.500 ug/L (U)	02/25/2022 02:00 AM	ALIU	EPA 524.3
142289	1,3-Dichloropropane	0.500 ug/L (U)	02/25/2022 02:00 AM	ALIU	EPA 524.3
106467	1,4-Dichlorobenzene	0.500 ug/L (U)	02/25/2022 02:00 AM	ALIU	EPA 524.3
594207	2,2-Dichloropropane	0.500 ug/L (U)	02/25/2022 02:00 AM	ALIU	EPA 524.3
78933	2-Butanone	2.50 ug/L (U)	02/25/2022 02:00 AM	ALIU	EPA 524.3
591786	2-Hexanone	2.50 ug/L (U)	02/25/2022 02:00 AM	ALIU	EPA 524.3
99876	4-Isopropyltoluene	0.500 ug/L (U)	02/25/2022 02:00 AM	ALIU	EPA 524.3
108101	4-Methyl-2-pentanone	2.50 ug/L (U)	02/25/2022 02:00 AM	ALIU	EPA 524.3
67641	Acetone	2.50 ug/L (U)	02/25/2022 02:00 AM	ALIU	EPA 524.3
71432	Benzene	0.500 ug/L (U)	02/25/2022 02:00 AM	ALIU	EPA 524.3
108861	Bromobenzene	0.500 ug/L (U)	02/25/2022 02:00 AM	ALIU	EPA 524.3
74975	Bromochloromethane	0.500 ug/L (U)	02/25/2022 02:00 AM	ALIU	EPA 524.3
75274	Bromodichloromethane	0.500 ug/L (U)	02/25/2022 02:00 AM	ALIU	EPA 524.3
75252	Bromoform	0.500 ug/L (U)	02/25/2022 02:00 AM	ALIU	EPA 524.3
74839	Bromomethane	0.500 ug/L (U)	02/25/2022 02:00 AM	ALIU	EPA 524.3
75150	Carbon disulfide	0.500 ug/L (U)	02/25/2022 02:00 AM	ALIU	EPA 524.3
56235	Carbon tetrachloride	0.500 ug/L (U)	02/25/2022 02:00 AM	ALIU	EPA 524.3
108907	Chlorobenzene	0.500 ug/L (U)	02/25/2022 02:00 AM	ALIU	EPA 524.3
75003	Chloroethane	0.500 ug/L (U)	02/25/2022 02:00 AM	ALIU	EPA 524.3
75014	Chloroethene (vinyl chloride)	0.500 ug/L (U)	02/25/2022 02:00 AM	ALIU	EPA 524.3
67663	Chloroform	0.500 ug/L (U)	02/25/2022 02:00 AM	ALIU	EPA 524.3
74873	Chloromethane	0.500 ug/L (U)	02/25/2022 02:00 AM	ALIU	EPA 524.3
156592	cis-1,2-Dichloroethene	28.8 ug/L (Q)	02/25/2022 02:00 AM	ALIU	EPA 524.3
10061015	cis-1,3-Dichloropropene	0.500 ug/L (U)	02/25/2022 02:00 AM	ALIU	EPA 524.3
124481	Dibromochloromethane	0.500 ug/L (U)	02/25/2022 02:00 AM	ALIU	EPA 524.3

Analytical Report For
Environmental Cleanup

Sample ID: 2128 009 **Date Collected:** 02/16/2022 11:30:00 AM **Lab Sample ID:** O2022000613 **Status:** Completed

Test Codes / CAS # - Description	Reported Results	Date And Time Analyzed	Approved by	Test Method
74953 Dibromomethane	0.500 ug/L (U)	02/25/2022 02:00 AM	ALIU	EPA 524.3
75718 Dichlorodifluoromethane	0.500 ug/L (U)	02/25/2022 02:00 AM	ALIU	EPA 524.3
75092 Dichloromethane	0.500 ug/L (U)	02/25/2022 02:00 AM	ALIU	EPA 524.3
100414 Ethylbenzene	0.500 ug/L (U)	02/25/2022 02:00 AM	ALIU	EPA 524.3
87683 Hexachlorobutadiene	0.500 ug/L (U)	02/25/2022 02:00 AM	ALIU	EPA 524.3
98828 Isopropylbenzene	0.500 ug/L (U)	02/25/2022 02:00 AM	ALIU	EPA 524.3
108383 m/p-Xylenes	1.00 ug/L (U)	02/25/2022 02:00 AM	ALIU	EPA 524.3
1634044 Methyl-tert-butyl Ether	0.500 ug/L (U)	02/25/2022 02:00 AM	ALIU	EPA 524.3
91203 Naphthalene	0.500 ug/L (U)	02/25/2022 02:00 AM	ALIU	EPA 524.3
104518 n-Butylbenzene	0.500 ug/L (U)	02/25/2022 02:00 AM	ALIU	EPA 524.3
103651 n-Propylbenzene	0.500 ug/L (U)	02/25/2022 02:00 AM	ALIU	EPA 524.3
95498 o-Chlorotoluene	0.500 ug/L (U)	02/25/2022 02:00 AM	ALIU	EPA 524.3
95476 o-Xylene	0.500 ug/L (U)	02/25/2022 02:00 AM	ALIU	EPA 524.3
106434 p-Chlorotoluene	0.500 ug/L (U)	02/25/2022 02:00 AM	ALIU	EPA 524.3
98566 PCTFB	0.500 ug/L (U)	02/25/2022 02:00 AM	ALIU	EPA 524.3
135988 Sec-Butylbenzene	0.500 ug/L (U)	02/25/2022 02:00 AM	ALIU	EPA 524.3
100425 Styrene	0.500 ug/L (U)	02/25/2022 02:00 AM	ALIU	EPA 524.3
75650 t-Butyl alcohol	5.00 ug/L (U)	02/25/2022 02:00 AM	ALIU	EPA 524.3
540885 tert-Butyl Acetate	2.50 ug/L (U)	02/25/2022 02:00 AM	ALIU	EPA 524.3
98066 Tert-Butylbenzene	0.500 ug/L (U)	02/25/2022 02:00 AM	ALIU	EPA 524.3
127184 Tetrachloroethene	72.4 ug/L	02/25/2022 02:00 AM	ALIU	EPA 524.3
109999 Tetrahydrofuran	0.500 ug/L (U)	02/25/2022 02:00 AM	ALIU	EPA 524.3
108883 Toluene	0.500 ug/L (U)	02/25/2022 02:00 AM	ALIU	EPA 524.3
1330207 Total Xylenes	0 ug/L	02/25/2022 02:00 AM	ALIU	EPA 524.3
156605 trans-1,2-Dichloroethene	0.500 ug/L (U)	02/25/2022 02:00 AM	ALIU	EPA 524.3
10061026 trans-1,3-Dichloropropene	0.500 ug/L (U)	02/25/2022 02:00 AM	ALIU	EPA 524.3
79016 Trichloroethene	302 ug/L	02/25/2022 02:00 AM	ALIU	EPA 524.3
75694 Trichlorofluoromethane	0.500 ug/L (U)	02/25/2022 02:00 AM	ALIU	EPA 524.3
108054 Vinyl Acetate	0.500 ug/L (U)	02/25/2022 02:00 AM	ALIU	EPA 524.3

The results of the analyses provided in this laboratory report relate only to the sample(s) identified therein. Unless otherwise noted, the results presented on this laboratory report meet all requirements of the 2016 TNI standard. Sample was in acceptable condition when received by the Laboratory. Any exceptions are noted in the report.
* denotes tests that the laboratory is not accredited for

U - Indicates analysis was performed for the test but it was not detected. The sample quantitation limit is reported.

J - Indicates an estimated value, reported between Reporting Limit (RL) and Minimum Detection Limit (MDL).

Dr. Pamela Higgins, Technical Director, Bureau of Laboratories

ORGANICS LABORATORY QUALIFIERS

U - Indicates analysis was performed for the test but it was not detected. The sample quantitation limit is reported.

J - Indicates an estimated value, reported between Reporting Limit (RL) and Minimum Detection Limit (MDL).

N - Indicates presumptive evidence of a compound.

B - This flag is used when the analyte is found in the associated blank as well as in the sample.

E - This flag identifies compounds whose concentrations exceed the calibration range of the instrument for that specific analysis.

P - This flag is used with a target analyte when there is greater than a 40% difference between the results obtained from the primary and confirmation columns for dual column analysis methods (e.g. pesticides, triazines, PCBs, etc)

Q - This flag identifies the average of multiple results from multiple analyses, or the average of the averages of dual column analysis methods.

X - Non-target analytes co-elute with compound. Identification unable to be confirmed.