

Upstate Laboratories, Inc.

Analytical Report

Date: 14-Feb-13

CLIENT: Steuben County
Lab Order: U1301186
Project: Monthly Complete
Lab ID: U1301186-001

Client Sample ID: Effluent
Collection Date: 1/8/2013 8:00:00 AM
Matrix: WATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
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PH BY SM 18-21 4500-H B (00)

Lab Code: PH_W

Analyst: TC

pH (#)	7.90	2.00	H	SU	1	1/10/2013 10:25:00 AM
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NOTES:

Holding time exceeded at time of receipt.

FIELD PARAMETERS

Lab Code: FIELD

Analyst:

Cooler Temp. at Receipt	<6	6		°C		1/8/2013 8:00:00 AM
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PEST/PCB WASTEWATERS BY EPA 8081A/8082

Lab Code: 8081A/8082_W

Analyst: EA

[AqPrep Sep Funnel: Pest/PCB by EPA 3510C Prep Code: 3510_PEST Prep Date: 1/14/2013 8:30:23 AM Prep By: DMD]

4,4'-DDD	ND	1.0	Q	µg/L	10	2/2/2013
4,4'-DDE	ND	1.0		µg/L	10	2/2/2013
4,4'-DDT	ND	1.0	Q	µg/L	10	2/2/2013
Aldrin	ND	0.50		µg/L	10	2/2/2013
alpha-BHC	ND	0.50	Q	µg/L	10	2/2/2013
alpha-Chlordane	ND	0.50		µg/L	10	2/2/2013
Aroclor 1016	ND	10		µg/L	10	2/2/2013
Aroclor 1221	ND	10		µg/L	10	2/2/2013
Aroclor 1232	ND	10		µg/L	10	2/2/2013
Aroclor 1242	ND	10		µg/L	10	2/2/2013
Aroclor 1248	ND	10		µg/L	10	2/2/2013
Aroclor 1254	ND	10		µg/L	10	2/2/2013
Aroclor 1260	ND	10		µg/L	10	2/2/2013
beta-BHC	ND	1.0		µg/L	10	2/2/2013
delta-BHC	ND	1.0		µg/L	10	2/2/2013
Dieldrin	ND	1.0	Q	µg/L	10	2/2/2013
Endosulfan I	ND	0.50	Q	µg/L	10	2/2/2013
Endosulfan II	ND	1.0		µg/L	10	2/2/2013
Endosulfan sulfate	ND	1.0		µg/L	10	2/2/2013
Endrin	ND	1.0	Q	µg/L	10	2/2/2013
Endrin aldehyde	ND	1.0		µg/L	10	2/2/2013
Endrin ketone	ND	1.0		µg/L	10	2/2/2013
gamma-BHC	ND	0.50		µg/L	10	2/2/2013
gamma-Chlordane	ND	0.50		µg/L	10	2/2/2013
Heptachlor	ND	0.50	Q	µg/L	10	2/2/2013
Heptachlor epoxide	ND	0.50		µg/L	10	2/2/2013

Approved By: PMH

Date: 2-14-13

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Qualifiers: # Accreditation not offered by NYS DOH for this parameter
 ** Value exceeds Maximum Contaminant Value
 E Value above quantitation range
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 Q Outlying QC recoveries were associated with this parameter

* Low Level
 B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 ND Not Detected at the Reporting Limit
 S Spike Recovery outside accepted recovery limits

Upstate Laboratories, Inc.

Analytical Report

Date: 14-Feb-13

CLIENT:	Steuben County	Client Sample ID:	Effluent
Lab Order:	U1301186	Collection Date:	1/8/2013 8:00:00 AM
Project:	Monthly Complete		
Lab ID:	U1301186-001	Matrix:	WATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
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PEST/PCB WASTEWATERS BY EPA 8081A/8082

Lab Code: 8081A/8082_W

Analyst: EA

[AqPrep Sep Funnel: Pest/PCB by EPA 3510C Prep Code: 3510_PEST Prep Date: 1/14/2013 8:30:23 AM Prep By: DMD]

Methoxychlor	ND	5.0		µg/L	10	2/2/2013
Toxaphene	ND	60		µg/L	10	2/2/2013

NOTES:

The reporting limits were raised due to matrix interference.

ICP METALS, TOTAL BY EPA 200.7

Lab Code: 200.7WT

Analyst: ARO

[AqPrep ICP - EPA 3005A Prep Code: 200.7TPR Prep Date: 1/11/2013 11:20:05 AM Prep By: ARO]

Aluminum	ND	0.25		mg/L	5	1/28/2013 1:32:46 PM
Barium	ND	1.5		mg/L	5	1/28/2013 1:32:46 PM
Cadmium	ND	0.025	Q	mg/L	5	1/28/2013 1:32:46 PM
Chromium	ND	0.25		mg/L	5	1/28/2013 1:32:46 PM
Copper	ND	0.10		mg/L	5	1/28/2013 1:32:46 PM
Iron	2.2	0.15		mg/L	5	1/28/2013 1:32:46 PM
Manganese	0.28	0.10		mg/L	5	1/28/2013 1:32:46 PM
Molybdenum	ND	0.30		mg/L	1	1/14/2013 2:33:47 PM
Nickel	ND	0.15		mg/L	5	1/28/2013 1:32:46 PM
Zinc	ND	0.050	Q	mg/L	5	1/28/2013 1:32:46 PM

NOTES:

The reporting limits were raised due to matrix interference.

ICP-MS METALS, TOTALS BY EPA 200.8

Lab Code: 200.8

Analyst: ALW

[AqPrep ICP-MS - EPA 3005A Prep Code: 200.8TPR Prep Date: 1/11/2013 11:20:12 AM Prep By: ARO]

Arsenic	ND	0.050		mg/L	5	1/30/2013 10:04:00 AM
Lead	ND	0.0050		mg/L	5	1/30/2013 10:04:00 AM
Selenium	ND	0.025		mg/L	5	1/30/2013 10:04:00 AM

NOTES:

The reporting limits were raised due to matrix interference.

TOTAL MERCURY WATERS BY EPA 245.2

Lab Code: 245.2WT

Analyst: LET

[Hg Total Prep by 245.2 Prep Code: 245.2TPR Prep Date: 1/16/2013 2:04:11 PM Prep By: ARO]

Mercury	ND	0.0004		mg/L	1	1/29/2013 2:55:57 PM
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BASE/NEUTRAL SEMIVOLATILE ORGANICS BY EPA 8270D

Lab Code: 8270_BN_W

Analyst: LD

[AqPrep Sep Funnel: BNA by EPA 3510C Prep Code: 3510_BNA Prep Date: 1/14/2013 8:28:59 AM Prep By: DMD]

1,2,4-Trichlorobenzene	ND	5.0		µg/L	1	1/15/2013 4:49:00 PM
1,2-Dichlorobenzene	ND	5.0		µg/L	1	1/15/2013 4:49:00 PM

Approved By:

PMH

Date:

2-14-13

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S	Spike Recovery outside accepted recovery limits

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CLIENT: Steuben County
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BASE/NEUTRAL SEMIVOLATILE ORGANICS BY EPA 8270D				Lab Code: 8270_BN_W	Analyst: LD
[AqPrep Sep Funnel:BNA by EPA 3510C		Prep Code: 3510_BNA	Prep Date: 1/14/2013 8:28:59 AM	Prep By: DMD]	
1,3-Dichlorobenzene	ND	5.0		µg/L	1/15/2013 4:49:00 PM
1,4-Dichlorobenzene	ND	5.0		µg/L	1/15/2013 4:49:00 PM
2,4-Dinitrotoluene	ND	5.0		µg/L	1/15/2013 4:49:00 PM
2,6-Dinitrotoluene	ND	5.0		µg/L	1/15/2013 4:49:00 PM
2-Chloronaphthalene	ND	5.0		µg/L	1/15/2013 4:49:00 PM
2-Methylnaphthalene	ND	5.0		µg/L	1/15/2013 4:49:00 PM
2-Nitroaniline	ND	10		µg/L	1/15/2013 4:49:00 PM
3,3'-Dichlorobenzidine	ND	5.0		µg/L	1/15/2013 4:49:00 PM
3-Nitroaniline	ND	10		µg/L	1/15/2013 4:49:00 PM
4-Bromophenyl phenyl ether	ND	5.0		µg/L	1/15/2013 4:49:00 PM
4-Chloroaniline	ND	5.0	Q	µg/L	1/15/2013 4:49:00 PM
4-Chlorophenyl phenyl ether	ND	5.0		µg/L	1/15/2013 4:49:00 PM
4-Nitroaniline	ND	10		µg/L	1/15/2013 4:49:00 PM
Acenaphthene	ND	5.0		µg/L	1/15/2013 4:49:00 PM
Acenaphthylene	ND	5.0		µg/L	1/15/2013 4:49:00 PM
Anthracene	ND	5.0		µg/L	1/15/2013 4:49:00 PM
Benz(a)anthracene	ND	5.0		µg/L	1/15/2013 4:49:00 PM
Benzo(a)pyrene	ND	5.0		µg/L	1/15/2013 4:49:00 PM
Benzo(b)fluoranthene	ND	5.0		µg/L	1/15/2013 4:49:00 PM
Benzo(g,h,i)perylene	ND	5.0		µg/L	1/15/2013 4:49:00 PM
Benzo(k)fluoranthene	ND	5.0		µg/L	1/15/2013 4:49:00 PM
Bis(2-chloroethoxy)methane	ND	5.0		µg/L	1/15/2013 4:49:00 PM
Bis(2-chloroethyl)ether	ND	5.0		µg/L	1/15/2013 4:49:00 PM
Bis(2-chloroisopropyl)ether	ND	5.0		µg/L	1/15/2013 4:49:00 PM
Bis(2-ethylhexyl)phthalate	7.1	5.0	B	µg/L	1/15/2013 4:49:00 PM
Butyl benzyl phthalate	ND	5.0		µg/L	1/15/2013 4:49:00 PM
Carbazole	ND	5.0		µg/L	1/15/2013 4:49:00 PM
Chrysene	ND	5.0		µg/L	1/15/2013 4:49:00 PM
Di-n-butyl phthalate	6.4	5.0	B	µg/L	1/15/2013 4:49:00 PM
Di-n-octyl phthalate	ND	5.0		µg/L	1/15/2013 4:49:00 PM
Dibenz(a,h)anthracene	ND	5.0		µg/L	1/15/2013 4:49:00 PM
Dibenzofuran	ND	5.0		µg/L	1/15/2013 4:49:00 PM
Diethyl phthalate	ND	5.0		µg/L	1/15/2013 4:49:00 PM
Dimethyl phthalate	ND	5.0		µg/L	1/15/2013 4:49:00 PM
Fluoranthene	ND	5.0		µg/L	1/15/2013 4:49:00 PM
Fluorene	ND	5.0		µg/L	1/15/2013 4:49:00 PM
Hexachlorobenzene	ND	5.0		µg/L	1/15/2013 4:49:00 PM

Approved By: PMH

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 B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 ND Not Detected at the Reporting Limit
 S Spike Recovery outside accepted recovery limits

Upstate Laboratories, Inc.

Analytical Report

Date: 14-Feb-13

CLIENT: Steuben County
 Lab Order: U1301186
 Project: Monthly Complete
 Lab ID: U1301186-001

Client Sample ID: Effluent
 Collection Date: 1/8/2013 8:00:00 AM
 Matrix: WATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
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BASE/NEUTRAL SEMIVOLATILE ORGANICS BY EPA 8270D				Lab Code: 8270_BN_W	Analyst: LD
[AqPrep Sep Funnel:BNA by EPA 3510C		Prep Code: 3510_BNA	Prep Date: 1/14/2013 8:28:59 AM	Prep By: DMD]	
Hexachlorobutadiene	ND	5.0		µg/L	1/15/2013 4:49:00 PM
Hexachlorocyclopentadiene	ND	5.0	Q	µg/L	1/15/2013 4:49:00 PM
Hexachloroethane	ND	5.0		µg/L	1/15/2013 4:49:00 PM
Indeno(1,2,3-cd)pyrene	ND	5.0		µg/L	1/15/2013 4:49:00 PM
Isophorone	ND	5.0		µg/L	1/15/2013 4:49:00 PM
N-Nitrosodi-n-propylamine	ND	5.0		µg/L	1/15/2013 4:49:00 PM
N-Nitrosodiphenylamine	ND	5.0		µg/L	1/15/2013 4:49:00 PM
Naphthalene	ND	5.0		µg/L	1/15/2013 4:49:00 PM
Nitrobenzene	ND	5.0		µg/L	1/15/2013 4:49:00 PM
Phenanthrene	ND	5.0		µg/L	1/15/2013 4:49:00 PM
Pyrene	ND	5.0		µg/L	1/15/2013 4:49:00 PM

TCL VOLATILE ORGANICS BY METHOD 5030/8260				Lab Code: 8260B_TCL_W	Analyst: EMZ
1,1,1-Trichloroethane	ND	150		µg/L	1/14/2013 4:50:00 PM
1,1,2,2-Tetrachloroethane	ND	150		µg/L	1/14/2013 4:50:00 PM
1,1,2-Trichloroethane	ND	150		µg/L	1/14/2013 4:50:00 PM
1,1-Dichloroethane	ND	150		µg/L	1/14/2013 4:50:00 PM
1,1-Dichloroethene	ND	150		µg/L	1/14/2013 4:50:00 PM
1,2-Dichloroethane	ND	150		µg/L	1/14/2013 4:50:00 PM
1,2-Dichloropropane	ND	150		µg/L	1/14/2013 4:50:00 PM
2-Butanone	ND	500		µg/L	1/14/2013 4:50:00 PM
2-Hexanone	ND	500		µg/L	1/14/2013 4:50:00 PM
4-Methyl-2-pentanone	ND	500		µg/L	1/14/2013 4:50:00 PM
Acetone	ND	500		µg/L	1/14/2013 4:50:00 PM
Benzene	ND	150		µg/L	1/14/2013 4:50:00 PM
Bromodichloromethane	ND	150		µg/L	1/14/2013 4:50:00 PM
Bromoform	ND	150		µg/L	1/14/2013 4:50:00 PM
Bromomethane	ND	150		µg/L	1/14/2013 4:50:00 PM
Carbon disulfide	ND	150		µg/L	1/14/2013 4:50:00 PM
Carbon tetrachloride	ND	150		µg/L	1/14/2013 4:50:00 PM
Chlorobenzene	ND	150		µg/L	1/14/2013 4:50:00 PM
Chloroethane	ND	150		µg/L	1/14/2013 4:50:00 PM
Chloroform	ND	150		µg/L	1/14/2013 4:50:00 PM
Chloromethane	ND	150		µg/L	1/14/2013 4:50:00 PM
cis-1,2-Dichloroethene	ND	150		µg/L	1/14/2013 4:50:00 PM

Approved By: PMH

Date: 2-14-13

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Upstate Laboratories, Inc.

Analytical Report

Date: 14-Feb-13

CLIENT: Steuben County	Client Sample ID: Effluent
Lab Order: U1301186	Collection Date: 1/8/2013 8:00:00 AM
Project: Monthly Complete	
Lab ID: U1301186-001	Matrix: WATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
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TCL VOLATILE ORGANICS BY METHOD 5030/8260

Lab Code: 8260B_TCL_W

Analyst: EMZ

cis-1,3-Dichloropropene	ND	150		µg/L	50	1/14/2013 4:50:00 PM
Dibromochloromethane	ND	150		µg/L	50	1/14/2013 4:50:00 PM
Ethylbenzene	ND	150		µg/L	50	1/14/2013 4:50:00 PM
m,p-Xylene	ND	150		µg/L	50	1/14/2013 4:50:00 PM
Methylene chloride	ND	150		µg/L	50	1/14/2013 4:50:00 PM
o-Xylene	ND	150		µg/L	50	1/14/2013 4:50:00 PM
Styrene	ND	150		µg/L	50	1/14/2013 4:50:00 PM
Tetrachloroethene	ND	150		µg/L	50	1/14/2013 4:50:00 PM
Toluene	ND	150		µg/L	50	1/14/2013 4:50:00 PM
trans-1,2-Dichloroethene	ND	150		µg/L	50	1/14/2013 4:50:00 PM
trans-1,3-Dichloropropene	ND	150		µg/L	50	1/14/2013 4:50:00 PM
Trichloroethene	ND	150		µg/L	50	1/14/2013 4:50:00 PM
Vinyl chloride	ND	100		µg/L	50	1/14/2013 4:50:00 PM

NOTES:

The reporting limits were raised due to matrix interference.
Sample foamed during purging procedure.

BOD, 5 DAY BY SM 18-20 5210B (01)

Lab Code: BOD

Analyst: SPT

Biochemical Oxygen Demand	24	12	B	mg/L	1	1/9/2013 4:22:00 PM
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CYANIDE, TOTAL WATERS BY EPA 335.4 REV. 1.0

Lab Code: CN_W

Analyst: CAS

[Cyanide Prep for Waters by EPA 9010B Prep Code: CN_WPR Prep Date: 1/11/2013 Prep By: CAS]
Cyanide ND 0.010 Q mg/L 1 1/12/2013

COD BY EPA 410.4 REV. 2.0

Lab Code: COD

Analyst: JTT

Chemical Oxygen Demand	360	20		mg/L	1	1/22/2013
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NH3 BY LACHAT 10-107-06-1-J

Lab Code: NH3_W_AUTO

Analyst: TNT

[NH3 Prep for Waters by SM 18 4500-NH3 B Prep Code: NH3_WPR Prep Date: 1/17/2013 8:45:00 AM Prep By: TNT]
Nitrogen, Ammonia (As N) 147 5.00 mg/L 1 1/18/2013

NITROGEN, NITRITE (AS N) BY LACHAT 10-107-04-1C

Lab Code: NO2_W

Analyst: CAG

Approved By: PMH

Date: 2-14-13

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Upstate Laboratories, Inc.

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Date: 14-Feb-13

CLIENT: Steuben County
Lab Order: U1301186
Project: Monthly Complete
Lab ID: U1301186-001

Client Sample ID: Effluent
Collection Date: 1/8/2013 8:00:00 AM
Matrix: WATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
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NITROGEN, NITRITE (AS N) BY LACHAT 10-107-04-1C Lab Code: NO2_W Analyst: CAG

Nitrogen, Nitrite (as N)	0.206	0.050		mg/L	1	1/9/2013 6:00:00 PM
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NITROGEN, NITRATE (AS N) BY LACHAT 10-107-04-1C Lab Code: NO3_W Analyst: CAG

Nitrogen, Nitrate (as N)	ND	0.050		mg/L	1	1/9/2013 6:00:00 PM
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OIL AND GREASE BY EPA 1664A Lab Code: O&G_W Analyst: CAG

Oil and Grease	ND	5.0		mg/L	1	1/15/2013
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PHENOLICS, TOTAL BY LACHAT 10-210-00-1A Lab Code: PHENOL_W Analyst: Sub

Phenolics, Total Recoverable	0.010	0.010		mg/L	1	1/28/2013 3:15:00 PM
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NOTES:

Subcontracted to NYSDOH ELAP Lab ID#11246
 Prepped by NYSDOH ELAP Lab ID#11246
 Analyzed by Method 420.1

TSS BY SM 18-21 2540D (97) Lab Code: TSS Analyst: NKA

Residue, Suspended (TSS)	45	25		mg/L	10	1/11/2013
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Analytical Report

Date: 14-Feb-13

CLIENT: Steuben County **Client Sample ID:** Influent
Lab Order: U1301186 **Collection Date:** 1/8/2013 8:00:00 AM
Project: Monthly Complete
Lab ID: U1301186-002 **Matrix:** WATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
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PH BY SM 18-21 4500-H B (00)

Lab Code: PH_W

Analyst: TC

pH (#)	7.30	2.00	H	SU	1	1/10/2013 10:27:00 AM
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NOTES:

Holding time exceeded at time of receipt.

FIELD PARAMETERS

Lab Code: FIELD

Analyst:

Cooler Temp. at Receipt	<6	6		°C		1/8/2013 8:00:00 AM
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PEST/PCB WASTEWATERS BY EPA 8081A/8082

Lab Code: 8081A/8082_W

Analyst: EA

[AqPrep Sep Funnel: Pest/PCB by EPA 3510C Prep Code: 3510_PEST Prep Date: 1/14/2013 8:30:23 AM Prep By: DMD]

4,4'-DDD	ND	1.0	Q	µg/L	10	2/2/2013
4,4'-DDE	ND	1.0		µg/L	10	2/2/2013
4,4'-DDT	ND	1.0	Q	µg/L	10	2/2/2013
Aldrin	ND	0.50		µg/L	10	2/2/2013
alpha-BHC	ND	0.50	Q	µg/L	10	2/2/2013
alpha-Chlordane	ND	0.50		µg/L	10	2/2/2013
Aroclor 1016	ND	10		µg/L	10	2/2/2013
Aroclor 1221	ND	10		µg/L	10	2/2/2013
Aroclor 1232	ND	10		µg/L	10	2/2/2013
Aroclor 1242	ND	10		µg/L	10	2/2/2013
Aroclor 1248	ND	10		µg/L	10	2/2/2013
Aroclor 1254	ND	10		µg/L	10	2/2/2013
Aroclor 1260	ND	10		µg/L	10	2/2/2013
beta-BHC	ND	1.0		µg/L	10	2/2/2013
delta-BHC	ND	1.0		µg/L	10	2/2/2013
Dieldrin	ND	1.0	Q	µg/L	10	2/2/2013
Endosulfan I	ND	0.50	Q	µg/L	10	2/2/2013
Endosulfan II	ND	1.0		µg/L	10	2/2/2013
Endosulfan sulfate	ND	1.0		µg/L	10	2/2/2013
Endrin	ND	1.0	Q	µg/L	10	2/2/2013
Endrin aldehyde	ND	1.0		µg/L	10	2/2/2013
Endrin ketone	ND	1.0		µg/L	10	2/2/2013
gamma-BHC	ND	0.50		µg/L	10	2/2/2013
gamma-Chlordane	ND	0.50		µg/L	10	2/2/2013
Heptachlor	ND	0.50	Q	µg/L	10	2/2/2013
Heptachlor epoxide	ND	0.50		µg/L	10	2/2/2013

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 J Analyte detected below quantitation limits
 Q Outlying QC recoveries were associated with this parameter

* Low Level
 B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 ND Not Detected at the Reporting Limit
 S Spike Recovery outside accepted recovery limits

Upstate Laboratories, Inc.

Analytical Report

Date: 14-Feb-13

CLIENT: Steuben County	Client Sample ID: Influent
Lab Order: U1301186	Collection Date: 1/8/2013 8:00:00 AM
Project: Monthly Complete	
Lab ID: U1301186-002	Matrix: WATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
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PEST/PCB WASTEWATERS BY EPA 8081A/8082

Lab Code: 8081A/8082_W

Analyst: EA

[AqPrep Sep Funnel: Pest/PCB by EPA 3510C Prep Code: 3510_PEST Prep Date: 1/14/2013 8:30:23 AM Prep By: DMD]

Methoxychlor	ND	5.0		µg/L	10	2/2/2013
Toxaphene	ND	50		µg/L	10	2/2/2013

NOTES:

The reporting limits were raised due to matrix interference.

ICP METALS, TOTAL BY EPA 200.7

Lab Code: 200.7WT

Analyst: ARO

[AqPrep ICP - EPA 3005A Prep Code: 200.7TPR Prep Date: 1/11/2013 11:20:05 AM Prep By: ARO]

Aluminum	0.56	0.25		mg/L	5	1/28/2013 1:52:24 PM
Barium	ND	1.5	Q	mg/L	5	1/28/2013 1:52:24 PM
Cadmium	ND	0.025	Q	mg/L	5	1/28/2013 1:52:24 PM
Chromium	ND	0.25		mg/L	5	1/28/2013 1:52:24 PM
Copper	0.19	0.10		mg/L	5	1/28/2013 1:52:24 PM
Iron	19	0.15		mg/L	5	1/28/2013 1:52:24 PM
Manganese	2.9	0.10		mg/L	5	1/28/2013 1:52:24 PM
Molybdenum	ND	0.30		mg/L	1	1/14/2013 2:42:24 PM
Nickel	ND	0.15	Q	mg/L	5	1/28/2013 1:52:24 PM
Zinc	0.20	0.050		mg/L	5	1/28/2013 1:52:24 PM

NOTES:

The reporting limits were raised due to matrix interference.

ICP-MS METALS, TOTALS BY EPA 200.8

Lab Code: 200.8

Analyst: ALW

[AqPrep ICP-MS - EPA 3005A Prep Code: 200.8TPR Prep Date: 1/11/2013 11:20:12 AM Prep By: ARO]

Arsenic	ND	0.050		mg/L	5	1/30/2013 10:04:00 AM
Lead	ND	0.0050		mg/L	5	1/30/2013 10:04:00 AM
Selenium	0.033	0.025		mg/L	5	1/30/2013 10:04:00 AM

NOTES:

The reporting limits were raised due to matrix interference.

TOTAL MERCURY WATERS BY EPA 245.2

Lab Code: 245.2WT

Analyst: LET

[Hg Total Prep by 245.2 Prep Code: 245.2TPR Prep Date: 1/16/2013 2:04:11 PM Prep By: ARO]

Mercury	ND	0.0004		mg/L	1	1/29/2013 2:57:52 PM
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BASE/NEUTRAL SEMIVOLATILE ORGANICS BY EPA 8270D

Lab Code: 8270_BN_W

Analyst: LD

[AqPrep Sep Funnel: BNA by EPA 3510C Prep Code: 3510_BNA Prep Date: 1/14/2013 8:28:59 AM Prep By: DMD]

1,2,4-Trichlorobenzene	ND	5.0		µg/L	1	1/15/2013 5:13:00 PM
1,2-Dichlorobenzene	ND	5.0		µg/L	1	1/15/2013 5:13:00 PM

Approved By: PMH

Date: 2-14-13

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Qualifiers:

#	Accreditation not offered by NYS DOH for this parameter
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J	Analyte detected below quantitation limits
Q	Outlying QC recoveries were associated with this parameter

*	Low Level
B	Analyte detected in the associated Method Blank
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits

Upstate Laboratories, Inc.

Analytical Report

Date: 14-Feb-13

CLIENT: Steuben County	Client Sample ID: Influent
Lab Order: U1301186	Collection Date: 1/8/2013 8:00:00 AM
Project: Monthly Complete	
Lab ID: U1301186-002	Matrix: WATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
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BASE/NEUTRAL SEMIVOLATILE ORGANICS BY EPA 8270D			Lab Code: 8270_BN_W	Analyst: LD		
[AqPrep Sep Funnel:BNA by EPA 3510C Prep Code: 3510_BNA Prep Date: 1/14/2013 8:28:59 AM Prep By: DMD]						
1,3-Dichlorobenzene	ND	5.0		µg/L	1	1/15/2013 5:13:00 PM
1,4-Dichlorobenzene	ND	5.0		µg/L	1	1/15/2013 5:13:00 PM
2,4-Dinitrotoluene	ND	5.0		µg/L	1	1/15/2013 5:13:00 PM
2,6-Dinitrotoluene	ND	5.0		µg/L	1	1/15/2013 5:13:00 PM
2-Chloronaphthalene	ND	5.0		µg/L	1	1/15/2013 5:13:00 PM
2-Methylnaphthalene	ND	5.0		µg/L	1	1/15/2013 5:13:00 PM
2-Nitroaniline	ND	10		µg/L	1	1/15/2013 5:13:00 PM
3,3'-Dichlorobenzidine	ND	5.0		µg/L	1	1/15/2013 5:13:00 PM
3-Nitroaniline	ND	10		µg/L	1	1/15/2013 5:13:00 PM
4-Bromophenyl phenyl ether	ND	5.0		µg/L	1	1/15/2013 5:13:00 PM
4-Chloroaniline	ND	5.0	Q	µg/L	1	1/15/2013 5:13:00 PM
4-Chlorophenyl phenyl ether	ND	5.0		µg/L	1	1/15/2013 5:13:00 PM
4-Nitroaniline	ND	10		µg/L	1	1/15/2013 5:13:00 PM
Acenaphthene	ND	5.0		µg/L	1	1/15/2013 5:13:00 PM
Acenaphthylene	ND	5.0		µg/L	1	1/15/2013 5:13:00 PM
Anthracene	ND	5.0		µg/L	1	1/15/2013 5:13:00 PM
Benz(a)anthracene	ND	5.0		µg/L	1	1/15/2013 5:13:00 PM
Benzo(a)pyrene	ND	5.0		µg/L	1	1/15/2013 5:13:00 PM
Benzo(b)fluoranthene	ND	5.0		µg/L	1	1/15/2013 5:13:00 PM
Benzo(g,h,i)perylene	ND	5.0		µg/L	1	1/15/2013 5:13:00 PM
Benzo(k)fluoranthene	ND	5.0		µg/L	1	1/15/2013 5:13:00 PM
Bis(2-chloroethoxy)methane	ND	5.0		µg/L	1	1/15/2013 5:13:00 PM
Bis(2-chloroethyl)ether	ND	5.0		µg/L	1	1/15/2013 5:13:00 PM
Bis(2-chloroisopropyl)ether	ND	5.0		µg/L	1	1/15/2013 5:13:00 PM
Bis(2-ethylhexyl)phthalate	12	5.0	B	µg/L	1	1/15/2013 5:13:00 PM
Butyl benzyl phthalate	ND	5.0		µg/L	1	1/15/2013 5:13:00 PM
Carbazole	ND	5.0		µg/L	1	1/15/2013 5:13:00 PM
Chrysene	ND	5.0		µg/L	1	1/15/2013 5:13:00 PM
Di-n-butyl phthalate	11	5.0	B	µg/L	1	1/15/2013 5:13:00 PM
Di-n-octyl phthalate	ND	5.0		µg/L	1	1/15/2013 5:13:00 PM
Dibenz(a,h)anthracene	ND	5.0		µg/L	1	1/15/2013 5:13:00 PM
Dibenzofuran	ND	5.0		µg/L	1	1/15/2013 5:13:00 PM
Diethyl phthalate	ND	5.0		µg/L	1	1/15/2013 5:13:00 PM
Dimethyl phthalate	ND	5.0		µg/L	1	1/15/2013 5:13:00 PM
Fluoranthene	ND	5.0		µg/L	1	1/15/2013 5:13:00 PM
Fluorene	ND	5.0		µg/L	1	1/15/2013 5:13:00 PM
Hexachlorobenzene	ND	5.0		µg/L	1	1/15/2013 5:13:00 PM

Approved By: DMH

Date: 2-14-13

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Upstate Laboratories, Inc.

Analytical Report

Date: 14-Feb-13

CLIENT: Steuben County
 Lab Order: U1301186
 Project: Monthly Complete
 Lab ID: U1301186-002

Client Sample ID: Influent
 Collection Date: 1/8/2013 8:00:00 AM
 Matrix: WATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
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BASE/NEUTRAL SEMIVOLATILE ORGANICS BY EPA 8270D				Lab Code: 8270_BN_W	Analyst: LD
[AqPrep Sep Funnel:BNA by EPA 3510C	Prep Code: 3510_BNA	Prep Date: 1/14/2013 8:28:59 AM	Prep By: DMD]		
Hexachlorobutadiene	ND	5.0		µg/L	1 1/15/2013 5:13:00 PM
Hexachlorocyclopentadiene	ND	5.0	Q	µg/L	1 1/15/2013 5:13:00 PM
Hexachloroethane	ND	5.0		µg/L	1 1/15/2013 5:13:00 PM
Indeno(1,2,3-cd)pyrene	ND	5.0		µg/L	1 1/15/2013 5:13:00 PM
Isophorone	ND	5.0		µg/L	1 1/15/2013 5:13:00 PM
N-Nitrosodi-n-propylamine	ND	5.0		µg/L	1 1/15/2013 5:13:00 PM
N-Nitrosodiphenylamine	ND	5.0		µg/L	1 1/15/2013 5:13:00 PM
Naphthalene	ND	5.0		µg/L	1 1/15/2013 5:13:00 PM
Nitrobenzene	ND	5.0		µg/L	1 1/15/2013 5:13:00 PM
Phenanthrene	ND	5.0		µg/L	1 1/15/2013 5:13:00 PM
Pyrene	ND	5.0		µg/L	1 1/15/2013 5:13:00 PM

TCL VOLATILE ORGANICS BY METHOD 5030/8260				Lab Code: 8260B_TCL_W	Analyst: EMZ
1,1,1-Trichloroethane	ND	150		µg/L	50 1/14/2013 5:36:00 PM
1,1,2,2-Tetrachloroethane	ND	150		µg/L	50 1/14/2013 5:36:00 PM
1,1,2-Trichloroethane	ND	150		µg/L	50 1/14/2013 5:36:00 PM
1,1-Dichloroethane	ND	150		µg/L	50 1/14/2013 5:36:00 PM
1,1-Dichloroethene	ND	150		µg/L	50 1/14/2013 5:36:00 PM
1,2-Dichloroethane	ND	150		µg/L	50 1/14/2013 5:36:00 PM
1,2-Dichloropropane	ND	150		µg/L	50 1/14/2013 5:36:00 PM
2-Butanone	540	500		µg/L	50 1/14/2013 5:36:00 PM
2-Hexanone	ND	500		µg/L	50 1/14/2013 5:36:00 PM
4-Methyl-2-pentanone	ND	500		µg/L	50 1/14/2013 5:36:00 PM
Acetone	790	500		µg/L	50 1/14/2013 5:36:00 PM
Benzene	ND	150		µg/L	50 1/14/2013 5:36:00 PM
Bromodichloromethane	ND	150		µg/L	50 1/14/2013 5:36:00 PM
Bromoform	ND	150		µg/L	50 1/14/2013 5:36:00 PM
Bromomethane	ND	150		µg/L	50 1/14/2013 5:36:00 PM
Carbon disulfide	ND	150		µg/L	50 1/14/2013 5:36:00 PM
Carbon tetrachloride	ND	150		µg/L	50 1/14/2013 5:36:00 PM
Chlorobenzene	ND	150		µg/L	50 1/14/2013 5:36:00 PM
Chloroethane	ND	150		µg/L	50 1/14/2013 5:36:00 PM
Chloroform	ND	150		µg/L	50 1/14/2013 5:36:00 PM
Chloromethane	ND	150		µg/L	50 1/14/2013 5:36:00 PM
cis-1,2-Dichloroethene	ND	150		µg/L	50 1/14/2013 5:36:00 PM

Approved By: FMH

Date: 2-14-13

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Upstate Laboratories, Inc.

Analytical Report

Date: 14-Feb-13

CLIENT: Steuben County **Client Sample ID:** Influent
Lab Order: U1301186 **Collection Date:** 1/8/2013 8:00:00 AM
Project: Monthly Complete
Lab ID: U1301186-002 **Matrix:** WATER

Analyses Result Limit Qual Units DF Date Analyzed

TCL VOLATILE ORGANICS BY METHOD 5030/8260

Lab Code: 8260B_TCL_W

Analyst: EMZ

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
cis-1,3-Dichloropropene	ND	150		µg/L	50	1/14/2013 5:36:00 PM
Dibromochloromethane	ND	150		µg/L	50	1/14/2013 5:36:00 PM
Ethylbenzene	ND	150		µg/L	50	1/14/2013 5:36:00 PM
m,p-Xylene	ND	150		µg/L	50	1/14/2013 5:36:00 PM
Methylene chloride	ND	150		µg/L	50	1/14/2013 5:36:00 PM
o-Xylene	ND	150		µg/L	50	1/14/2013 5:36:00 PM
Styrene	ND	150		µg/L	50	1/14/2013 5:36:00 PM
Tetrachloroethene	ND	150		µg/L	50	1/14/2013 5:36:00 PM
Toluene	ND	150		µg/L	50	1/14/2013 5:36:00 PM
trans-1,2-Dichloroethene	ND	150		µg/L	50	1/14/2013 5:36:00 PM
trans-1,3-Dichloropropene	ND	150		µg/L	50	1/14/2013 5:36:00 PM
Trichloroethene	ND	150		µg/L	50	1/14/2013 5:36:00 PM
Vinyl chloride	ND	100		µg/L	50	1/14/2013 5:36:00 PM

NOTES:

The reporting limits were raised due to matrix interference.
 Sample foamed during purging procedure.

BOD, 5 DAY BY SM 18-20 5210B (01)

Lab Code: BOD

Analyst: SPT

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
Biochemical Oxygen Demand	280	120	B	mg/L	1	1/9/2013 4:22:00 PM

CYANIDE, TOTAL WATERS BY EPA 335.4 REV. 1.0

Lab Code: CN_W

Analyst: CAS

[Cyanide Prep for Waters by EPA 9010B Prep Code: CN_WPR Prep Date: 1/11/2013 Prep By: CAS]
 Cyanide ND 0.010 Q mg/L 1 1/12/2013

COD BY EPA 410.4 REV. 2.0

Lab Code: COD

Analyst: JTT

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
Chemical Oxygen Demand	1000	200		mg/L	10	1/22/2013

NH3 BY LACHAT 10-107-06-1-J

Lab Code: NH3_W_AUTO

Analyst: TNT

[NH3 Prep for Waters by SM 18 4500-NH3 B Prep Code: NH3_WPR Prep Date: 2/13/2013 Prep By: TNT]
 Nitrogen, Ammonia (As N) 167 12.5 H mg/L 1 2/13/2013

NOTES:

Sample reanalyzed over the holding time; original analysis was within the holding time.

Approved By: FMH

Date: 2-14-13

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