



CERTIFICATE OF ANALYSIS

NJ11005 / NY12046

Project Name:	Taconic Hills CSD	Workorder:	N040383	
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Krzysztof Trafalski CNA Environmental 27 Kent St

Ballston Spa, NY 12020

Project Name and Number: **Taconic Hills CSD**

October 03, 2016

Dear Krzysztof Trafalski,

This report relates only to the sample(s) as received by the laboratory. Laboratory reports may not be reproduced, except in full, without the written approval of the laboratory.

The issuance of the final Certificate of Analysis takes precedence over any previous Preliminary Report. Caution is advised for the utilization of preliminary data included in reports labeled as "Preliminary Report" and should not be used for regulatory purposes. A laboratory signature is provided on final reports only.

If you have any questions in reference to this laboratory report, please contact your NJAL Environmental project coordinator or laboratory manager listed at the bottom of this report at (609)-737-3477

Note: This coverpage is included as part of the Analytical Report and must be retained as a permanent record thereof.

Laboratory Manager

New Jersey Analytical Laboratories Lknje Laur

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NELAC NJ11005 EPA NJ01186 PADEP 68-05417 NYDOH NY12046 BWON Approved



380 Scotch Road Ewing, NJ 08628 609-737-3477 (p) www.njal.com

Total Metals by EPA 200.8 Date Received: 09/21/16 12:35

	by EPA 200.8						Date Received: 09/21/16 12:35					
Sample ID#	Analysis	Method	Results	RL	Units	MCL	Sample Point	Sampled	Analyzed			
N040383-01	Lead	EPA 200.8	1.81	0.50	ug	15	E258-CF	9/17/16 09:15	9/26/16 20:13			
N040383-02	Lead	EPA 200.8	ND	0.50	ug	15	E258-F	9/17/16 09:15	9/26/16 20:15			
N040383-03	Lead	EPA 200.8	2.27	0.50	ug	15	E256-CF	9/17/16 09:12	9/26/16 20:17			
N040383-04	Lead	EPA 200.8	1.03	0.50	ug	15	E254-CF	9/17/16 09:07	9/26/16 20:19			
N040383-05	Lead	EPA 200.8	7.03	0.50	ug	15	E254-BF	9/17/16 09:07	9/26/16 20:21			
N040383-06	Lead	EPA 200.8	1.68	0.50	ug	15	E254-F	9/17/16 09:07	9/26/16 20:23			
N040383-07	Lead	EPA 200.8	2.45	0.50	ug	15	E252-CF	9/17/16 09:05	9/26/16 20:25			
N040383-08	Lead	EPA 200.8	5.54	0.50	ug	15	E252-BF	9/17/16 09:05	9/26/16 20:27			
N040383-09	Lead	EPA 200.8	1.90	0.50	ug	15	E252-F	9/17/16 09:05	9/26/16 20:29			
N040383-10	Lead	EPA 200.8	0.98	0.50	ug	15	E261-CF	9/17/16 08:17	9/26/16 20:31			
N040383-11	Lead	EPA 200.8	0.72	0.50	ug	15	E261-F	9/17/16 08:17	9/26/16 20:42			
N040383-12	Lead	EPA 200.8	4.97	0.50	ug	15	E263-CF	9/17/16 08:05	9/26/16 20:44			
N040383-13	Lead	EPA 200.8	1.48	0.50	ug	15	E263-F	9/17/16 08:05	9/26/16 20:46			
N040383-14	Lead	EPA 200.8	3.67	0.50	ug	15	E265-CF	9/17/16 08:00	9/26/16 20:48			
N040383-15	Lead	EPA 200.8	1.00	0.50	ug	15	E265-F	9/17/16 08:00	9/26/16 20:50			
N040383-16	Lead	EPA 200.8	5.02	0.50	ug	15	E265A-BF	9/17/16 07:55	9/26/16 20:52			
N040383-17	Lead	EPA 200.8	7.08	0.50	ug	15	E265A-BF 2	9/17/16 07:55	9/26/16 20:54			
N040383-18	Lead	EPA 200.8	7.00	0.50	ug	15	E265A-BF 3	9/17/16 07:55	9/26/16 20:56			
N040383-19	Lead	EPA 200.8	1.38	0.50	ug	15	E267-CF	9/17/16 07:35	9/26/16 21:01			
N040383-20	Lead	EPA 200.8	2.06	0.50	ug	15	E267-F	9/17/16 07:35	9/26/16 21:03			
N040383-21	Lead	EPA 200.8	1.76	0.50	ug	15	E269-CF	9/17/16 07:30	9/26/16 21:13			
N040383-22	Lead	EPA 200.8	2.86	0.50	ug	15	E269-F	9/17/16 07:30	9/26/16 21:15			
N040383-23	Lead	EPA 200.8	1.49	0.50	ug	15	E271-CF	9/17/16 07:28	9/26/16 21:18			
N040383-24	Lead	EPA 200.8	2.39	0.50	ug	15	E271-F	9/17/16 07:28	9/26/16 21:20			
N040383-25	Lead	EPA 200.8	1.56	0.50	ug	15	E272-CF	9/17/16 07:20	9/26/16 21:22			
N040383-26	Lead	EPA 200.8	1.69	0.50	ug	15	E272-F	9/17/16 07:20	9/26/16 21:24			
N040383-27	Lead	EPA 200.8	1.46	0.50	ug	15	E270-CF	9/17/16 07:25	9/26/16 21:26			
N040383-28	Lead	EPA 200.8	2.53	0.50	ug	15	E270-F	9/17/16 07:20	9/26/16 21:28			
N040383-29	Lead	EPA 200.8	1.08	0.50	ug	15	E268-CF	9/17/16 07:33	9/26/16 21:30			
N040383-30	Lead	EPA 200.8	1.82	0.50	ug	15	E268-F	9/17/16 07:33	9/26/16 21:32			
N040383-31	Lead	EPA 200.8	0.64	0.50	ug	15	E266-CF	9/17/16 08:00	9/26/16 21:43			
N040383-32	Lead	EPA 200.8	1.65	0.50	ug	15	E266-F	9/17/16 08:00	9/26/16 21:45			

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Date Received: 09/21/16 12:35 **Total Metals by EPA 200.8**

Sample							Sample		
ID#	Analysis	Method	Results	RL	Units	MCL	Point	Sampled	Analyzed
N040383-33	Lead	EPA 200.8	4.35	0.50	ug	15	E266A-BF	9/17/16 07:45	9/26/16 21:47
N040383-34	Lead	EPA 200.8	3.13	0.50	ug	15	E266A-BF 2	9/17/16 07:45	9/26/16 21:49
N040383-35	Lead	EPA 200.8	12.5	0.50	ug	15	E266A-BF 3	9/17/16 07:45	9/26/16 21:53
N040383-36	Lead	EPA 200.8	1.39	0.50	ug	15	CORR-E264-WC	9/17/16 08:00	9/26/16 21:55
N040383-37	Lead	EPA 200.8	1.57	0.50	ug	15	E264-CF	9/17/16 08:05	9/26/16 21:58
N040383-38	Lead	EPA 200.8	2.96	0.50	ug	15	E264-F	9/17/16 08:05	9/26/16 22:00
N040383-39	Lead	EPA 200.8	3.38	0.50	ug	15	E262-CF	9/17/16 08:07	9/26/16 22:02
N040383-40	Lead	EPA 200.8	2.76	0.50	ug	15	E262-F	9/17/16 08:07	9/26/16 22:04
N040383-41	Lead	EPA 200.8	5.41	0.50	ug	15	E260-CF	9/17/16 08:30	9/26/16 22:14
N040383-42	Lead	EPA 200.8	1.21	0.50	ug	15	E261B-BF	9/17/16 08:30	9/26/16 22:17
N040383-43	Lead	EPA 200.8	6.64	0.50	ug	15	E261C-BF	9/17/16 08:25	9/26/16 22:19
N040383-44	Lead	EPA 200.8	2.26	0.50	ug	15	E255-CF	9/17/16 08:55	9/26/16 22:21
N040383-45	Lead	EPA 200.8	1.27	0.50	ug	15	E255-F	9/17/16 09:15	9/26/16 22:23

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Notes and Definitions

U Compound not detected

DET Analyte DETECTED

ND Analyte NOT DETECTED at or above the Reporting Detection Limit (RDL)

NR Not Reported

dry Sample results reported on a dry weight basis

RPD Relative Percent Difference
< Less than reporting limit

 \leq Less than or equal to reporting limit

> Greater than reporting limit

> Greater than or equal to reporting limit

MDL Method Detection Limit

RDL Reporting Detection Limit

TCLP

 MCL/AL
 Maxium Contaminant Level/Action Level

 mg/kg wet
 Results reported as wet weight

 TTLC
 Total Threshold Limit Concentration

 STLC
 Soluble Threshold Limit Concentration

Toxicity Characteristic Leachate Procedure

All work performed by New Jersey Analytical Laboratories LLC, is subject to our terms and conditions of services viewable at our office and our website: http://www.njal.com/About-NJAL/Terms-and-Conditions.aspx

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CNA Environmental LLC.



Email:

27 Kent Street Ballston Spa, NY 12020 (518) 884-0800

Fax# (518) 884-0801

Main Office and Lab

172 Ridge Street Glens Falls, NY 12801 (518) 792-1170 Fax# (518) 792-1261

> Satellite Office (Sample Receipt) M-F 8:00 AM - 3:30 PM

> > Page 6 of 9

Na₂S₂O₃ Used: Y / N

		IVI-F 8:	00 AW - 4.30	PIVI	Sat 10.00 AIVI	- 140011		W-1 0.00 AW - 0.00 1 W	IN COLUMN TWO			
	Chair	of Cu	stody F	or	m							
Owner Name and Address			Contact Pl	none			Person taki	ng sample(s)				
			Nick (51	8) 3	25-2880		Nick	South				
Taconic Hills CSD			Public Wa	ter S	upply#103007	6	Sample So	urce (public water, well, pond, etc Public Water	c)			
	73 County Route 11A Craryville, NY 12521				DM - Debelder	/ a b l	orination III	2 2020 10 20 10 10 10 10 10 10 10 10 10 10 10 10 10				
Craryville, N	IY 12521			Water Types: DW = Drinking water (chlorination, UV system, residential well) Raw = Untreated source water, NPW = Non-potable other (ie lake), WW = waste water.								
			Naw - One	AM Grab or Water		# of	Analysis					
Lab ID (CNA Use)	Sample Point	Date	Time	PM	Composite	Type	bottles		413			
	6258- CF	9.17.16	9:15m	A/P	G	DW	1	Pb	CL			
2	E258- F	9.17.16	9:15m	A/P	G	DW	1	Pb	_			
3	E256 - CF	9.17.16	9:12am	A/P	G	DW	1	Pb				
NO Sample	E250- F (NO	9.17.16		A/P	G	DW	1	Pb	_			
4	E254 - CF	9.17.16	9:07m	A/P	G	DW	1	Pb	1			
5	E254-BF	9.17.16	9:07an	A/P	G	DW	1	Pb	_			
6	E254-P	9.17.16	7:07m	A/P	G	DW	1	Pb	-			
7	F252 - CF	9.17.16	9:05	A/P	G	DW	1	Pb	_			
8	E 252 - BF	9.17.16	9:05m	A/P	G	DW	1	Pb				
9	EDED F	9.17.16	9:05a	A/P	G	DW	1	Pb				
10	Ealel - CF	9.17.16	8:17m	A/P	G	DW	1	Pb				
11	Ealel-F	9.17.16	8:1/an	A/P	G	DW	1	Pb				
-12	E263 CF	9.17.16	8:05m	A/P	G	DW	1	Pb Pb	1			
Relinquished by	/ :	Received b	ba:	N.	0		Date/Time: 9/21/6 160	20				
Relinquished by	" DMO	Received	by: //		2/			Date/Time: 9/22/16 10	2:0			
Relinquished by	y:	Received	by Laborato	ry in	Ballston Spa	:		Date/Time:				
	and the second s		Dant of Hoolth	40.00	rform the following	a analyses:						
Potable water: chlor	LLC's mission is to be certified by the Nride, coliform, color, conductivity, copper	, e. Coli, fluori	de,lead, nitrate	, nitrit	e, odor, pH, solid	s (total dissol	ved), standard p	plate count, sulfate, turbidity				
								and suspended), specific conductance, tu				
is unable to perform								ry for any and all analyses in the event that ever the event that ever the client? (Y/N)	at CNA			
CNA USE ON			plete: Y					Temp. Upon Receipt:				
	: Ship / Hand / Drop	Properly F	Preserved:	1 Y	١			On Ice/Cooling: Y N				
Containers Inta	act: Y N	Labels Ma	atch COC:	Υ	N			Method of Payment:				
Mailing/Billir				Co	mments:							
					Page	of		<u> </u>				
Email:								Chlorine Residual (mg/l):				



Email:

CNA Environmental LLC.

27 Kent Street Ballston Spa, NY 12020 (518) 884-0800

Fax# (518) 884-0801

Main Office and Lab

172 Ridge Street Glens Falls, NY 12801 (518) 792-1170

Fax# (518) 792-1261

Chlorine Residual (mg/l):

Na₂S₂O₃ Used: Y / N

Page 7 of 9

Satellite Office (Sample Receipt)
M-F 8:00 AM - 3:30 PM

		IVI-F 8:	00 AM - 4:30	PIVI	Sat 10:00 AM	- NOON		W-F 8.00 AW - 3.30 FW				
	Chair	of Cu	stody F	or	m							
Owner Name an	d Address		Contact Pl	none		Person tak	ing sample(s)					
				8) 3	25-2880	(Suite						
Taconic Hills CSD 73 County Route 11A			Public Wa	ter S	upply#103007	6	Sample So	urce (public water, well, pond, etc) Public Water				
,			Mater Typ	06: [DW = Drinking	water (chl	orination III					
Craryville, NY 12521				Water Types: DW = Drinking water (chlorination, UV system, residential well) Raw = Untreated source water, NPW = Non-potable other (ie lake), WW = waste water.								
Lab ID		T _		AM Grab or Water		Water	iter # of	Analysis				
(CNA Use)	Sample Point	Date	Time	РМ	Composite	Type	bottles	Required ful	2			
13+4	E263- F	9.17.16	8:05m	A/P	G	DW	1	Pb L1				
14	E 265 - CF	9.17.16	8:00	A/P	G	DW	1	Pb				
15	EDG-F	9.17.16	8:90M	A/P	G	DW	1	Pb				
16	E265A-BF	9.17.16	7:55a	A/P	G	DW	1	Pb				
17	E265A-BE	9.17.16	7.551	A/P	G	DW	1	Pb				
16	E265A-BF	9.17.16	7-55m	A/P	G	DW	1	Pb				
19	E247 - CF	9.17.16	7:35m	A/P	G	DW	1	Pb				
20	Ede7-F	9.17.16	7:35m	A/P	G	DW	1	Pb				
2	E269-CF	9.17.16	7:30m	A/P	G	DW	1	Pb				
22	Edleg-F	9.17.16	7:30m	A/P	G	DW	1	Pb				
23	E271 - CF	9.17.16	7:2804	A/P	G	DW	1	Pb				
24	E271- P	9.17.16	7:28 an	A/P	G	DW	1	Pb				
25	E272-CP	9.17.16	7:20am	A/P	G	DW	11	Pb V				
Relinquished by	<i>r</i> :	Received b	y:	01	MO			Date/Time: 9/21/16 /60	0			
Relinquished by	" OMO	Received	by:	1/.	2/-		Date/Time: 9/2/16 10:0	K				
Relinquished by	<i>T</i> :	Received	by Laborato	ry in	Ballston Spa:	Date/Time:						
lovu = ·	LLC's mission is to be certified by the N		D+ -f	40.00	rform the fallowin							
	ride, coliform, color, conductivity, copper						ved), standard p	plate count, sulfate, turbidity				
Non-Potable water:	BOD, CBOD, coliform (fecal and total),	e. Coli, standar	d plate count,	flourid	le, nitrate, nitrite,	sulfate, pH, so	lids(settleable	and suspended), specific conductance, turbin	dity			
is unable to perform								ry for any and all analyses in the event that C	ANC			
CNA USE ONL			plete: Y		at the disgretion	on or cha. is	ins acceptable	e per the client? (Y/N) Temp. Upon Receipt:				
	Ship / Hand / Drop		reserved:		N			On Ice/Cooling: Y N				
Containers Inta		Labels IVIa	tch COC:					Method of Payment:				
Mailing/Billir	ig Address:			00	mments:							
					Page	of						



Mailing/Billing Address:

Email:

CNA Environmental LLC.

27 Kent Street Ballston Spa, NY 12020 (518) 884-0800

Fax# (518) 884-0801

172 Ridge Street Glens Falls, NY 12801 (518) 792-1170

Fax# (518) 792-1261

Chlorine Residual (mg/l):

Na₂S₂O₃ Used: Y / N

Page 8 of 9

Satellite Office (Sample Receipt)
M-F 8:00 AM - 3:30 PM

Main Office and Lab M-F 8:00 AM - 4:30 PM Sat 10:00 AM - Noon

Chain of Custody Form Contact Phone Person taking sample(s) Owner Name and Address Nick (518) 325-2880 Sample Source (public water, well, pond, etc) Taconic Hills CSD Public Water Supply#1030076 **Public Water** 73 County Route 11A Water Types: DW = Drinking water (chlorination, UV system, residential well) Craryville, NY 12521 Raw = Untreated source water, NPW = Non-potable other (ie lake), WW = waste water. **Analysis** # of Grab or Water Lab ID Time Sample Point Date Composite Type bottles Required (CNA Use) PM 2000 1 Pb 9.17.16 A/P G DW 1 Pb 25an G DW 9.17.16 A/P 200 Pb G DW 1 9.17.16 A/P 330 1 Pb G DW 9.17.16 A/P 7:33M G 1 Pb 9.17.16 A/P DW 8.000 9.17.16 G DW 1 Pb 8:00m 1 Pb 9.17.16 A/P G DW G 1 Pb 9.17.16 A/P DW 1500 Pb G DW 1 9.17.16 A/P Son 9.17.16 G 1 Pb A/P DW 8:00m G DW 1 Pb 9.17.16 A/P S: OSan 9.17.16 G DW 1 Pb 8:05m G 1 Pb DW 9.17.16 Date/Time: Received by: Relinquished by: Date/Time: Received by: Relinquished by: Date/Time: Received by Laboratory in Ballston Spa: Relinquished by: CNA Environmental LLC's mission is to be certified by the New York State Dept. of Health to perform the following analyses: Potable water: chloride, coliform, color, conductivity, copper, e. Coli, fluoride,lead, nitrate, nitrite, odor, pH, solids (total dissolved), standard plate count, sulfate, turbidity Non-Potable water: BOD, CBOD, coliform (fecal and total), e. Coli, standard plate count, flouride, nitrate, nitrite, sulfate, pH, solids (settleable and suspended), specific conductance, turbidity All other analyses will be forwarded to an NYS DOH ELAP/NELAC approved laboratory. CNA reserves the right to use an approved laboratory for any and all analyses in the event that CNA is unable to perform an analysis. Customer aknowledges and agrees to allow any samples be sent to a sub lab for analysis at the disgretion of CNA. Is this acceptable per the client? (Y/N) Temp. Upon Receipt: COC Complete: Y N CNA USE ONLY On Ice/Cooling: Y N Samples were: Ship / Hand / Drop Properly Preserved: Y N Method of Payment: Containers Intact: Y N Labels Match COC: Y N

Comments:

Page ____ of ____



CNA Environmental LLC.

27 Kent Street Ballston Spa, NY 12020 (518) 884-0800

Fax# (518) 884-0801

Main Office and Lab M-F 8:00 AM - 4:30 PM Sat 10:00 AM - Noon 172 Ridge Street Glens Falls, NY 12801 (518) 792-1170 Fax# (518) 792-1261

> Satellite Office (Sample Receipt) M-F 8:00 AM - 3:30 PM

Chain of Custody Form

Ourse News	1411	01 04	otou,		***					
Owner Name ar	nd Address		Contact P				Person tal	king sample(s)		
Taconic Hills CSD					325-2880		NIC	CK Smith		
73 County F			Public Water Supply#1030076 Sample Source (public water, well, pond, etc) Public Water							
Craryville, NY 12521			Water Types: DW = Drinking water (chlorination, UV system, residential well)							
								other (ie lake), WW = waste water.		
Lab ID (CNA Use)	Sample Point	Date	Time	AM PM	Grab or Composite	Water Type	# of bottles	Analysis Required +v	16	
39	E 262-CF	9.17.16	8.07m	A/P	G	DW	1	Pb //	10	
40	E242-P	9.17.16	8.07m	A/P	G	DW	1	Pb 1		
41	EZLEO-CF	9.17.16	8:3an	A/P	G	DW	1	Pb		
42	EZLEB-BF	9.17.16	8:30m	A/P	G	DW	1	Pb		
43	EZGIC-BP	9.17.16	8.25m	A/P	G	DW	1	Pb		
214	E265-CP	9.17.16	8:55m	A/P	G	DW	1	Pb	1	
45	E-2SS-F	9.17.16	9:15ac	A/P	G	DW	1	Pb		
		9.17.16		A/P	G	DW	1	Pb		
		9.17.16		A/P	G	DW	1	Pb		
		9.17.16		A/P	G	DW	1	Pb		
		9.17.16		A/P	G	DW	1	Pb	7	
		9.17.16		A/P	G	DW	1	Pb		
Relinquished by		9.17.16		A/P	G	DW	1	Pb		
		Received by	y:	1	omo		Date/Time: 9/21/6/16	0		
Relinquished by:	DMD	Received b	y: 7	/.	21	Date/Time: 9/2/1/6 /0///s				
Relinquished by:		Received b	y Laborator	ry in l	Ballston Spa:	Date/Time:				
CNA Environmental	LLC's mission is to be certified by the N	lew York State D	Dept. of Health to perform the following analyses: de,lead, nitrate, nitrite, odor, pH, solids (total dissolved), standard plate count, sulfate, turbidity							
all other analyses will sunable to perform a	ll be forwarded to an NYS DOH ELAP/Nan analysis.	NELAC approved	laboratory. C	NA re	serves the right to	o use an appro	oved laboratory	nd suspended), specific conductance, turbic of any and all analyses in the event that C		
CNA USE ONL	iges and agrees to allow any sample	S be sent to a si			at the disgretion	of CNA. Is th				
Samples were:	Ship / Hand / Drop	Properly Pr						Temp. Upon Receipt:		
Containers Intac		Labels Mate						On Ice/Cooling: Y N		
Mailing/Billing		- Labols Wat			nments:			Method of Payment:		
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Email:					Page o	ot	ı	Chlorine Residual (mg/l):		
								Page 9 of 9 Na ₂ S ₂ O ₃ Used: Y/N]	
								2 2 - 3 1 / 1 1		