



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

### **CERTIFICATE OF ANALYSIS**

NJ11005 / NY12046

Project Name: Ta	aconic Hills CSD	Workorder:	N040378
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Krzysztof Trafalski CNA Environmental 27 Kent St

Ballston Spa, NY 12020

Project Name and Number: Taconic Hills CSD

October 07, 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





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Samples not recieved:

S172B and S172B (2)

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



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Total Metals by EPA 200.8 Date Received: 09/21/16 12:31

i metais d	y EPA 200.8						Date	<b>Received:</b> 09/21/16	12.31
Sample ID#							Sample		
N040378-01	<b>Analysis</b> Lead	Method EPA 200.8	Results 4.41	RL	Units ug/L	MCL 15	Point S142-CF 1	9/17/16 08:36	9/28/16 15:1:
				0.50					
N040378-02	Lead	EPA 200.8	5.64	0.50	ug/L	15	S142-CF 2	9/17/16 08:38	9/28/16 15:13
1040378-03	Lead	EPA 200.8	ND	0.50	ug/L	15	CORR-S144-WC	9/17/16 08:44	9/28/16 15:10
N040378-04	Lead	EPA 200.8	9.91	0.50	ug/L	15	S144B-BF 1	9/17/16 08:52	9/28/16 15:1
1040378-05	Lead	EPA 200.8	11.6	0.50	ug/L	15	S144B-BF 2	9/17/16 08:54	9/28/16 15:2
1040378-06	Lead	EPA 200.8	6.99	0.50	ug/L	15	S143B-BF	9/17/16 09:01	9/28/16 15:2
N040378-07	Lead	EPA 200.8	5.54	0.50	ug/L	15	S143C-BF	9/17/16 09:05	9/28/16 15:2
1040378-10	Lead	EPA 200.8	6.34	0.50	ug/L	15	S113-CF 1	9/17/16 08:12	9/28/16 15:2
N040378-11	Lead	EPA 200.8	7.93	0.50	ug/L	15	S113-CF 2	9/17/16 08:13	9/28/16 15:2
N040378-12	Lead	EPA 200.8	2.99	0.50	ug/L	15	S113-CF 3	9/17/16 08:14	9/28/16 15:3
1040378-13	Lead	EPA 200.8	3.56	0.50	ug/L	15	S113-CF 4	9/17/16 08:15	9/28/16 15:4
N040378-14	Lead	EPA 200.8	19.2	0.50	ug/L	15	S114-CF	9/17/16 08:17	9/28/16 15:4
N040378-15	Lead	EPA 200.8	7.20	0.50	ug/L	15	S140-CF 1	9/17/16 08:25	9/28/16 15:4
N040378-16	Lead	EPA 200.8	6.77	0.50	ug/L	15	S140-CF 2	9/17/16 08:26	9/28/16 15:5
N040378-17	Lead	EPA 200.8	7.04	0.50	ug/L	15	S141-CF	9/17/16 08:40	9/28/16 15:5
N040378-18	Lead	EPA 200.8	1.20	0.50	ug/L	15	CORR-S142-WC	9/17/16 08:45	9/28/16 15:5
N040378-19	Lead	EPA 200.8	9.83	0.50	ug/L	15	S142C-BF 1	9/17/16 08:49	9/28/16 15:5
N040378-20	Lead	EPA 200.8	7.17	0.50	ug/L	15	S142C-BF 2	9/17/16 08:50	9/28/16 15:5
N040378-21	Lead	EPA 200.8	1.20	0.50	ug/L	15	CORR-S142-WC 2	9/17/16 08:47	9/28/16 16:0
N040378-22	Lead	EPA 200.8	3.14	0.50	ug/L	15	CORR-S101-WC	9/17/16 07:25	9/28/16 16:0
N040378-23	Lead	EPA 200.8	4.02	0.50	ug/L	15	S101-CF	9/17/16 07:29	9/28/16 16:
N040378-24	Lead	EPA 200.8	133	0.50	ug/L	15	S102-CF	9/17/16 07:34	10/4/16 13:
N040378-25	Lead	EPA 200.8	1.99	0.50	ug/L	15	S104-CF	9/17/16 07:31	9/28/16 16:
N040378-26	Lead	EPA 200.8	7.10	0.50	ug/L	15	S102A-BF	9/17/16 07:37	9/28/16 16:
N040378-27	Lead	EPA 200.8	8.54	0.50	ug/L	15	S104A-BF	9/17/16 07:38	9/28/16 16:
1040378-28	Lead	EPA 200.8	8.45	0.50	ug/L	15	S105J-CF	9/17/16 07:50	9/28/16 16:
N040378-29	Lead	EPA 200.8	58.1	0.50	ug/L	15	S112J-BF	9/17/16 08:01	9/28/16 16:
N040378-30	Lead	EPA 200.8	14.8	0.50	ug/L	15	S112J-BF	9/17/16 08:02	9/28/16 16:
N040378-31	Lead	EPA 200.8	7.56	0.50	ug/L	15	S112L-BF 1	9/17/16 08:08	9/28/16 16:
N040378-32	Lead	EPA 200.8	6.10	0.50	ug/L	15	S112L-BF 2	9/17/16 08:09	9/28/16 16:
N040378-33	Lead	EPA 200.8	1.91	0.50	ug/L	15	CORR-S112-WC	9/17/16 08:07	9/28/16 16:
N040378-34	Lead	EPA 200.8	11.7	0.50	ug/L	15	S105 BF	9/17/16 08:00	9/28/16 16:5
.5 105/0 51		LI A 200.0	11./	0.50	ug/L	13	3103 DI	5,17,10 00.00	5/20/10 10.3

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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

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
TCLP Toxicity Characteristic Leachate Procedure

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## **CNA Environmental**

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

Fax# (518) 884-0801

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

> Glens Falls, NY 12801 172 Ridge Street

Page 5 of 7

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Fax# (518) 792-1261 (518) 792-1170

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

## Chain of Custody Form

		2	icoay .	(	100			
Owner Name and Address	Address		Contact Phone Nick (518) 325-2880	8) 3;	25-2880		Person taking s $\bigcirc A Me$	Person taking sample(s)  OA MES WEIM A USEN
Taconic Hills CSD 73 County Route 11A	CSD oute 11A		Public Wat	er St	Public Water Supply#1030076		Sample Source	rce (public water, well, pond, etc) Public Water
Craryville, NY 12521	12521		Water Types:	s: D	W = Drinking	water (chlo	rination, UV	DW = Drinking water (chlorination, UV system, residential well)
			Raw = Unti	eate	d source wate	r, NPW = No	on-potable c	Raw = Untreated source water, NPW = Non-potable other (ie lake), WW = waste water.
Lab ID (CNA Use)	Sample Point	Date	.∕∏me	AM PM	Grab or Composite	Water Type	# of bottles	Analysis Required
	1 70-1041G	9.17.16	×836	Ø/P	G	DW	>	Pb
بر	By Phila	9.17.16	888	(d/P	G	DW	_	Pb
$\omega$	単一部の一次の	9.17.16	7	(AVP	G	DW		Pb
()	199-919	9.17.16	352/	d/﴿	G	DW	>	Pb
5	の手作のアル	9.17.16	854	À₽	ര	DW		Pb
6	いるですった。	9.17.16	105	ĄΡ	G	DW		Pb
を発送	の言むのでで	9.17.16	505	ΑP	G	DW		Pb
Sina Pos	の表が、気	9.17.16	1035	ĄΡ	G	DW		Pb
S172B	の手名、不	9.17.16	1030	A/P	G	DW	_	Pb 3
	Sample 8:9	9.17.16		ΑÞ	G	DW	<u>.</u>	Po
	20+ Rejuice	9.17.16	\.	Α/P	G	DW		Đ
	OKE.	9.17.16		ΑÞ	G	DW	1	Po
		9.17.16		ΑP	G	DW		Po
Relinquished by:		Received by:	7:		2_	S		Date/Time: 9-21-16 //45
Relinquished by:	). S.	Received by:	y: //	6				Date/Time: 9/22/16 (0:4)5
Relinquished by:	(	Received b	y Laborato	ry in	Received by Laboratory in Ballston Spa:			Date/Time:
CNÀ Environmental Potable water: chlori	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  No. Bothlic water: BOD, CROD, coliform (facal and total), e. Coli, standard plate count flouride, nitrate, nitrite sulfate, nH, solids (settleable and suspended), specific co	w York State D e. Coll, fluoride	ept. of Health e,lead, nitrate,	to per nitrite	form the following, odor, pH, solids	g analyses: (total dissolve	ed), standard pi	ate count, sulfate, turbidity
Non-Potable water: All other analyses wi	Non-Potable water: BOD, CBOD, coliform (fecal and total), e. Coli, standard plate count, flouride, nitrate, nitrite,sulfate, pH, solids(settleable and s All other analyses will be forwarded to an NYS DOH ELAP/NELAC approved laboratory. CNA reserves the right to use an approved laboratory for	. Coli, standard ELAC approved	l plate count, t	louride ONA re	e, nitrate, nitrite,s eserves the right i	ulfate, pH, soli to use an appr	ds(settleable a oved laborator	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
All other analyses will be forward is unable to perform an analysis Customer aknowledges and a	All other analyses will be towarded to an NYS DOH ELAF/NELAC approved laboratory. CNA reserves the light to use an approved laboratory for any and all analysis 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)	be sent to a s	ub lab for an	alysis	at the disgretion	n of CNA. is ti	nis acceptable	per the client? (Y/N)
CNA USE ONLY	~	COC Complete:	~	Z				Temp. Upon Receipt:
Samples were:	Samples were: Ship / Hand / Drop	Properly Preserved: Y	reserved:	≺ z				On Ice/Cooling: Y N

Customer aknowledges and agrees to allow any s	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	acceptable per the client? (Y/N)
CNA USE ONLY	COC Complete: Y N	Temp. Upon Receipt:
Samples were: Ship / Hand / Drop	Properly Preserved: Y N	On Ice/Cooling: Y N
Containers Intact: Y N	Labels Match COC: Y N	Method of Payment:
Mailing/Billing Address:	Comments:	
7 } }::	Page of	Chlorine Residual (ma/l):
Tmui.		Chlorine Residual (mg/l):

Na<sub>2</sub>S<sub>2</sub>O<sub>3</sub> Used: Y / N

### DRINKING WATER-NON-POTABLE WATER-WILK-FOOD-AR Certified National Aralytic Labs

# CNA Environmental LLC.

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

Main Office and Lab

Fax# (518) 884-0801

172 Ridge Street

Page 6 of 7

Fax# (518) 792-1261

M-F 8:00 AM - 4:30 PM Sat 10:00 AM - Noon

Glens Falls, NY 12801 (518) 792-1170

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

	CIGII	2	Justouy r	S	2000			
Owner Name and Address	d Address		Contact Phone Nick (518) 325-2880	one 3) 3	25-2880		Person taking	Meら( )b // h らいらい
Taconic Hills CSD 73 County Route 11A	; CSD oute 11A		Public Wat	ers	Public Water Supply#1030076		Sample Source	e (public water, v Public Wa
Craryville, NY 12521	Y 12521		Water Types: Raw = Untrea		Types: DW = Drinking water (ch Untreated source water, NPW =	water (chlo er, NPW = No	lorination, UV sy Non-potable oth	DW = Drinking water (chlorination, UV system, residential well) ted source water, NPW = Non-potable other (ie lake), WW = waste water.
Lab ID (CNA Use)	Sample Point	Date	Time	PM AM	Grab or Composite	Water Type	# of bottles	Analysis Required
(S)	5 5-05	9.17.16	8/08	(Д)P	G	DW	1	Pb
	15113-(1/2 d	9.17.16	8-13	ď€	9	DW	1	Pb
7	りるででする	9.17.16	8-14	\$	G	DW	>	Pb
$\Box$	の一つパー	9.17.16	815	S P	G	DW	_	Pb
19	の手の	9.17.16	312	ÀΝΡ	G	DW	_	Pb
5)	のまった。	9.17.16	828	Ø/P	ഒ	DW		Pb
6	の国ーティ	9.17.16	8261	30/P	G	DW	_	Pb
7	さっきの	9.17.16	<u> </u>	(A)P	G	DW		Pb
18	G. アール・ラーミ	<b>9</b> .17.16	845	₽	G	DW		Pb
) Q		9.17.16	849	₽	G	DW		Pb
20	の見ったが	9.17.16	S	₽	G	DW		Pb
1	見えんまが	9.77.16	1 18	₽	G	DW	1	Pb
		9.17.16		ĄΡ	ഒ	DW		Pb
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Relinquished by:	1.5.	Received by:	13 X	1,	SM.			Date/Time: 9/22//6 10:45
Relinquished by:	<	Received b	y Laborator	×	Received by Laboratory in Ballston Spa:			Date/Time:
CNA Environmental Potable water: chlori	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	w York State D e. Coli, fluoride	ept. of Health e,lead, nitrate,	to pe nitrite	rform the followin e, odor, pH, solids	g analyses: s (total dissolve	id), standard pi	ate count, sulfate, turbidity
Non-Potable water:	Non-Potable water: BOD, CBOD, coliform (fecal and total), e. Coli, standard plate count, flouride, nitrate, nitrite,sulfate, pH, solids(settleable and	. Coli, standard	plate count, fl	ourid	e, nitrate, nitrite,s	ulfate, pH, soli	ds(settleable a	nd suspended), specific conductance, turbidity
All other analyses will be forward is unable to perform an analysis Customer aknowledges and a	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 analys 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)	ELAC approved	laboratory. C ub lab for ana	NA n	eserves the right at the disgretio	to use an appr n of CNA. Is the	oved laborator	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? (YIN)
CNA USE ONLY	Y	COC Complete:	olete: Y N	_				Temp. Upon Receipt:
Samples were:	Samples were: Ship / Hand / Drop	Properly Preserved:	eserved: Y	Z	Enue			On Ice/Cooling: Y N
Containers Intact:	ct: Y N	Labels Match COC:		≺   z				Method of Payment:
Mailing/Billing Address:	g Address:			င္ပ	Comments:			
					Page	으 <u>,</u>		

Email:

Na<sub>2</sub>S<sub>2</sub>O<sub>3</sub> Used: Y / N

Chlorine Residual (mg/l):

### Certified Mational Analytic Latis DRINKING WATER · NON-POTABLE WATER · MLK · FGOD · AIR

# CNA Environmental LLC.

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

Fax# (518) 884-0801 Main Office and Lab

M-F 8:00 AM - 4:30 PM Sat 10:00 AM - Noon

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

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Satellite Office (Sample Receipt) Fax# (518) 792-1261

M-F 8:00 AM - 3:30 PM

## Chain of Custody Form

Owner Name and Address			Contact Phone	one			Person takii	Person taking sample(s)
			Nick (518) 325-2880	8) 3;	25-2880		JAMES	s Wellhausen
Taconic Hills CSD 73 County Route 11A			Public Wat	er Su	Public Water Supply#1030076		Sample Source	rce (public water, well, pond, etc) Public Water
Craryville, NY 12521			Water Type	S: D	W = Drinking	water (chlo	rination, UV	
			Raw = Untr	eate	Raw = Untreated source water, NPW = Non-potable other	r, NPW = No	on-potable o	other (ie lake), WW = waste water.
(CNA Use) S	Sample Point	Date	Time	PM	Grab or Composite	Water Type	# of bottles	Analysis Required
-1120 LL	5101-WC	9.17.16	J8861	A)P	G	DW	1	Pb
23 50	10-	9.17.16	そでし	<b>283</b>	G	DW	-	Pb
29 1516	2- CF	9.17.16	734	(A)P	G	DW	1	Pb
4016 Se	· R · ·	9.17.16	731	Ø/P	G	DW	-	Pb
26 5100	キーのア	9.17.16	731	Ø₽	G	DW	>	Pb
27 5/100	1A-101	9.17.16	7386	À/P	G	DW		Pb
1010 RT	1	9.17.16	750	\$	G	DW		Pb
29	して	9.17.16	801	₽	G	DW	_	Pb
20 0 W	7.07	9.17.16	802	ΑP	G	DW	_	Pb
3 り り に い	1- BT	9.17.16	808	Α/P	G	DW		Pb
37 0 2	, D, U	9.17.16	202	ΑP	G	DW		Pb
33 CMR-	<u>の</u> マ こ	9.17.16	807	₽ P	G	DW		Pb
34 8105	3 T	9.17.16	800	ΑP	G	DW	>	Pb
Relinquished by:		Received by:		)	1.5.			Date/Time: // // // // // // // // // // // // //
Relinquished by:	5.	Received by:	) ( ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ;	\ ,	21			Date/Time: 9 / 2-2 / 1 ト 1 しこよら
Relinquished by:	O	Received b	y Laborator	y in	by Laboratory in Ballston Spa:			Date/Time:
NA Environmental LLC's mission is to be certified by the New York State Dept. of Health to perform the following analyses:  otable water: chloride, coliform, color, conductivity, copper, e. Coli, fluoride,lead, nitrate, nitrite, odor, pH, solids (total dissolved), standard plate count, sulfate, turbidity  von-Potable water: BOD, CBOD, coliform (fecal and total), e. Coli, standard plate count, flouride, nitrate, nitrite,sulfate, pH, solids(settleable and suspended), specific co	is to be certified by the Nev color, conductivity, copper, coliform (fecal and total), e.	v York State D. e. Coli, fluoride Coli, standard	ept. of Health, ,lead, nitrate, plate count, fl	to per nitrite ouride	form the following, odor, pH, solids, nitrate, nitrite,su	g analyses: (total dissolve ulfate, pH, solid	d), standard pl ds(settleable a	2NA Environmental LLC's mission is to be certified by the New York State Dept. of Health to perform the following analyses: 2otable water: chloride, coliform, color, conductivity, copper, e. Coli, fluoride, lead, nitrate, nitrite, odor, pH, solids (total dissolved), standard plate count, sulfate, turbidity Yon-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 sunable to perform an analysis.	d to an NYS DOH ELAP/NE	LAC approved	laboratory. C	NA re	serves the right t	o use an appro	wed laboratory	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 s unable to perform an analysis.
CNA USE ONLY  COC Complete: Y N  Ter	ees to allow any samples	COC Complete:	lete: Y N	Z lysis	at the disgretion	TOI CNA. IS I	is acceptable	Temp. Upon Receipt:
Samples were: Ship / Hand / Drop	d / Drop	Properly Preserved:	eserved: Y	z				On Ice/Cooling: Y N
Containers Intact: Y N		Labels Match COC:		≺ z				Method of Payment:

Email:

Mailing/Billing Address:

Comments:

Page

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Na<sub>2</sub>S<sub>2</sub>O<sub>3</sub> Used: Y / N

Chlorine Residual (mg/l):