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Microbac Laboratories, Inc. - Dayville

CERTIFICATE OF ANALYSIS

D6C1362

Ashford Public Schools

James Longo
440 Westford Road
Ashford, CT 06278

Project Name: Ashford School - Groundwater Testing
Project / PO Number: 1516-239
Received: 03/13/2026
Reported: 03/20/2026

Analytical Testing Parameters

Client Sample ID: Well 1
Sample Matrix: Groundwater
Lab Sample ID: D6C1362-01
Collected By: Keith Green
Collection Date: 03/13/2026 14:03

Field Parameters	Result	RL	Units	Note	Prepared	Analyzed	Analyst
NA							
Depth to Water	**2.5**		ft			03/13/26 1403	KAG
SM 4500-H+ B-2011							
pH Field	**5.00**		S.U.			03/13/26 1403	KAG

Microbiology	Result	RL	Units	Note	Prepared	Analyzed	Analyst
Micro - W/SM 9222 D-2015							
Fecal coliforms	<10	10	cfu/100mL		03/13/26 1653	03/14/26 1658	DCH

Inorganics Total	Result	RL	Units	Note	Prepared	Analyzed	Analyst
Calculation							
Total Nitrogen	**8.40**	1.00	mg/L		03/18/26 0938	03/19/26 1327	CLW
SM 4500-NO_3^- F-2016							
Nitrate as N	**8.39**	0.0500	mg/L			03/13/26 2328	MRM
Nitrite as N	**0.0109**	0.0100	mg/L			03/13/26 2328	MRM
Wet-Digestion-W/EPA 351.2, Rv. 2 (1993)		**Method Notes:** D1					
Total Kjeldahl Nitrogen (TKN)	<1.00	1.00	mg/L		03/18/26 0938	03/19/26 1327	CLW
Wet-Digestion-W/EPA 365.1, Rv. 2 (1993)							
Phosphorus as P	**0.248**	0.0106	mg/L		03/16/26 1614	03/17/26 1203	CLW
Wet-Distillation-W/EPA 350.1, Rv. 2 (1993)							
Ammonia as N	**0.120**	0.0500	mg/L		03/18/26 1030	03/19/26 1149	CLW

CERTIFICATE OF ANALYSIS

D6C1362

Client Sample ID:	Well 2		
Sample Matrix:	Groundwater	**Collected By:**	Keith Green
Lab Sample ID:	D6C1362-02	**Collection Date:**	03/13/2026 14:17

Field Parameters	Result	RL	Units	Note	Prepared	Analyzed	Analyst
NA							
Depth to Water	**2.1**		ft			03/13/26 1417	KAG
SM 4500-H+ B-2011							
pH Field	**4.70**		S.U.			03/13/26 1417	KAG

Microbiology	Result	RL	Units	Note	Prepared	Analyzed	Analyst
Micro - W/SM 9222 D-2015							
Fecal coliforms	<10	10	cfu/100mL		03/13/26 1653	03/14/26 1658	DCH

Inorganics Total	Result	RL	Units	Note	Prepared	Analyzed	Analyst
Calculation							
Total Nitrogen	**8.35**	1.00	mg/L		03/18/26 0938	03/19/26 1329	CLW
SM 4500-NO_3^- F-2016							
Nitrate as N	**8.35**	0.0500	mg/L			03/13/26 2330	MRM
Nitrite as N	<0.0100	0.0100	mg/L			03/13/26 2330	MRM
Wet-Digestion-W/EPA 351.2, Rv. 2 (1993)			**Method Notes:** D1				
Total Kjeldahl Nitrogen (TKN)	<1.00	1.00	mg/L		03/18/26 0938	03/19/26 1329	CLW
Wet-Digestion-W/EPA 365.1, Rv. 2 (1993)							
Phosphorus as P	**0.420**	0.0106	mg/L		03/16/26 1614	03/17/26 1204	CLW
Wet-Distillation-W/EPA 350.1, Rv. 2 (1993)							
Ammonia as N	**0.302**	0.0500	mg/L		03/18/26 1030	03/19/26 1150	CLW

Definitions

cfu/100mL:	Colony Forming Units per 100 Milliliters
D1:	The sample was diluted during sample preparation (extraction, distillation or digestion) due to matrix interference.
ft:	Feet
MCL:	US EPA Maximum Contaminant Level
mg/L:	Milligrams per Liter
RL:	Reporting Limit
S.U.:	Standard Units

Project Requested Certification(s)

Microbac Laboratories, Inc. - Dayville

PH-0465 — Connecticut Department of Public Health

Report Comments

Samples were received in proper condition and the reported results conform to applicable accreditation standard unless otherwise noted.

The data and information on this, and other accompanying documents, represents only the sample(s) analyzed. This report is incomplete unless all pages indicated in the footnote are present and an authorized signature is included. ***The services were provided under and subject to Microbac's standard terms and conditions which can be located and reviewed at <https://www.microbac.com/standard-terms-conditions>.***

Reviewed and Approved By:

Melisa L. Montgomery

Technical Manager

Reported: 03/20/2026 13:53

MICROBAC®

61 Louisa Viens Drive
Dayville, CT 06241
(800) 334-0103

D 6 C 1 3 6 2

Ashford Board of Education

Lab WO#: _____

Project Manager: _____

Copy of Report To		Billing Information		Project Information	
CUSTOMER:	Ashford Public Schools	BILL TO:	Same as Customer	Project:	Ashford Schools - GW Monit
ADDRESS:	440 Westford Road	ADDRESS:		Project Location:	Ashford, CT
	Ashford, CT 06278			Project Manager:	
				IN CASE WE HAVE ANY QUESTIONS WHEN SAMPLES ARRIVE WE SHOULD CA	
ATTENTION:	Mike Mellady	ATTENTION:		E-MAIL:	
E-MAIL:		TELEPHONE:		TELEPHONE:	
PHONE:	Fax:	PURCHASE ORDER # :		FAX:	

Sample Identification	Date Collected	Time Collected	Sample Type		Sample Matrix	# of Bottles	Analysis								Preservati			
			COMPOS	GRAB			Ammonia	T/Phos	Depth/Water	Total N	fecal	no2no3	TKN	H_2SO_4	HCL	HNO_3	NAOH	NON-PR
Well 1	3-13-26	1405		X	AQ		X	X	X	X	X	X	X					
GPS:					AQ													
Well 2	3-13-26	14:17		X	AQ		X	X	X	X	X	X	X					
GPS:					AQ													

PRESERVATIVE VERIFIED
Initials KG

CUSTODY TRANSFER		DATE	TIME
SAMPLER:	Keith	3-13-26	14:17
RECEIVED:	Keith	3-13-26	14:17
RELINQUISHED:	Keith	3-13-26	15:58
CEIVED:	[signature]	3/13/26	15:58
LINQUISHED:			
CEIVED:			

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TURNAROUND (INDICATE IN CALENDAR DAYS):

_____ FAX _____ HARD COPY _____ E-MAIL

EXPEDITED SERVICE MAY BE SUBJECT TO SURCHARGE

COMMENTS: _____

CONDITIONS UPON RECEIPT: (CHECK ONE)

☒ COOLED ☐ AMBIENT 4.1 °C Upon Receipt

IR1

MICROBAC®

Location (Site/Facility/Project): Ashford Public School Date: 3-13-26
Field Personnel: Keith Graen Well ID: Well 1

Date: 3-13-26 Time: 13:53	Color	Odor	Temp.	pH	Specific Cond.				
DRY? Y / (N)	brown	org.	10.1	3.0					
Units:			°C	STD	µS/cm				

Well Inspection

Inspection	Situation	Status	Observation
Well Tag/ID	Is it in sight, on the well?	(S) / U	
Well Security	Condition of casing, cap, lock	(S) / U	
Well Pad	Type and Condition	(S) / U	
Area around well	Standing water? Trash? Etc...	(S) / U	
Dedicated Equipment	Type and Condition	(S) / U	
PVC Riser	Condition...	(S) / U	

S = Satisfactory U = Unsatisfactory circle one

Comments

Well purged with (Bailer / Pump / Watara) Well sampled with (Bailer / Pump / Watara)

Measured	Sampled: (Y) / N
Date: 3-13-26 Time: 13:53	Date: 3-13-26 Time: 14:03

Surface Volume found using PVC riser Diameter
Formula for Total Volume to be removed: (TD - DTW) * SV * 3 = TV

Total Depth (ft): 10.5	Depth To Water (ft): 2.5
Well Constant per Diameter (Single Volume) Circle One: 1.25" = .077 / (2" = .162) / 4" = .650	Total Volume to be removed (gal): 3.888
Actual Volume removed (if	Number of Sample Bottles: 3

MICROBAC®

Location (Site/Facility/Project): Ashford Public School Date: 3-13-26
Field Personnel: Keith Green Well ID: Well 2

Date: 3-13-26 Time: 14:07	Color	Odor	Temp.	pH	Specific Cond.				
DRY? Y / (N)	brown	org.	6.7	4.7					
Units:			°C	STD	µS/cm				

Well Inspection

Inspection	Situation	Status	Observation
Well Tag/ID	Is it in sight, on the well?	(S) / U	
Well Security	Condition of casing, cap, lock	(S) / U	
Well Pad	Type and Condition	(S) / U	
Area around well	Standing water? Trash? Etc...	(S) / U	
Dedicated Equipment	Type and Condition	(S) / U	
PVC Riser	Condition...	(S) / U	

S = Satisfactory U = Unsatisfactory circle one

Comments

Well purged with (Bailer) / Pump / Watara) Well sampled with (Bailer / Pump / Watara)

Measured	Sampled: (Y) / N
Date: 3-13-26 Time: 14:07	Date: 3-13-26 Time: 14:17

Surface Volume found using PVC riser Diameter
Formula for Total Volume to be removed: (TD - DTW) * SV * 3 = TV

Total Depth (ft): 11.7	Depth To Water (ft): 2.1
Well Constant per Diameter (Single Volume) Circle One 1.25" = .077 / (2" = .162) / 4" = .650	Total Volume to be removed (gal): 4.6656
Actual Volume removed (if	Number of Sample Bottles: 3