

SECTION 16: Water Supply

Water supply for the site will be derived from groundwater sources via newly developed wells. Water use will include for potable water purposes, as well as support for the facility operations and product processing.

As part of the investigations into the suitability of the property, Kingfish Maine retained Woodard & Curran to plan the development of new wells. These wells were installed in Fall 2020. Subsequent pump testing was performed to identify possible yields and drawdown.

Based on the assessed drawdowns and determination of acceptable yield, planning was initiated to utilize a sidestream of treated seawater from the seawater intakes to reduce the demand on the groundwater.

Anticipated flows for domestic demand are readily supported by the installed well system, as they represent a continuous withdrawal of <4 gpm. Additional freshwater to support the plant operations are also required and will be withdrawn to the determined limits outlined in the hydrogeological assessment.

Appended to this section is the hydrogeologic investigation of the planned use of the groundwater supply.

APPENDIX 16A
Hydrogeologic Investigation



HYDROGEOLOGY AND GROUNDWATER SUPPLY REPORT

41 Hutchins Drive
Portland, ME 04102
800.426.4262

woodardcurran.com
COMMITMENT & INTEGRITY DRIVE RESULTS

0232754.00
Kingfish Maine
March 2021

TABLE OF CONTENTS

SECTION	PAGE NO.
1. INTRODUCTION	1-1
2. GEOLOGY	2-1
2.1 Surficial Geology	2-1
2.2 Regional Bedrock Geology	2-1
2.3 Photo Lineament Data	2-1
2.4 Local Bedrock Well Data	2-1
2.5 Site Bedrock Drilling	2-2
3. HYDROGEOLOGY	3-1
3.1 Pumping Test	3-1
3.2 Pumping Test Analysis	3-2
3.3 Water Quality Sampling and Results	3-2
4. GROUNDWATER MODEL	4-1
4.1 Model Selection	4-1
4.2 Model Domain, Grid and Boundary Conditions	4-1
4.3 Model Properties	4-1
4.4 Model Calibration	4-2
4.5 Model Predictive Runs	4-3
5. SUMMARY AND RECOMMENDATIONS	5-1

TABLES

Table 1:	Average Pumping Rates during Pumping Test
Table 2:	Drawdowns Measured during Pumping Test
Table 3:	Summary of Hydrogeologic Properties Evaluated from Pumping Test
Table 4:	Summary of Detections from Water Quality Testing
Table 5:	Observed and Modeled Drawdowns Comparison
Table 6:	Groundwater Model Water Balance
Table 7:	Model Predictive Heat Fluxes

FIGURES

Figure 1:	Site Location, Topography, and Recharge Areas
Figure 2:	Site Details and Overburden Wells
Figure 3:	Regional Bedrock Map
Figure 4:	Photo Liniments
Figure 5:	Bedrock Wells
Figure 6:	Drilling Plan
Figure 7:	Pumping Test Summary Graph
Figure 8:	Groundwater Model Design
Figure 9:	Steady State Non-Stressed Pre-Pumping Calibration
Figure 10:	End of Pumping Test (Groundwater Elevation Contours)

-
- Figure 11: End of Pumping Test (Drawdown Contours)
Figure 12: Steady State Pumping - 90 GPM (Groundwater Elevation)
Figure 13: Steady State Pumping - 90 GPM (Drawdown Contours)
Figure 14: Steady State Pumping - 60 GPM (Drawdown Contours)
Figure 15: Steady State Pumping - 30 GPM (Drawdown Contours)
Figure 16: Heat Flow as a Function of Pumping

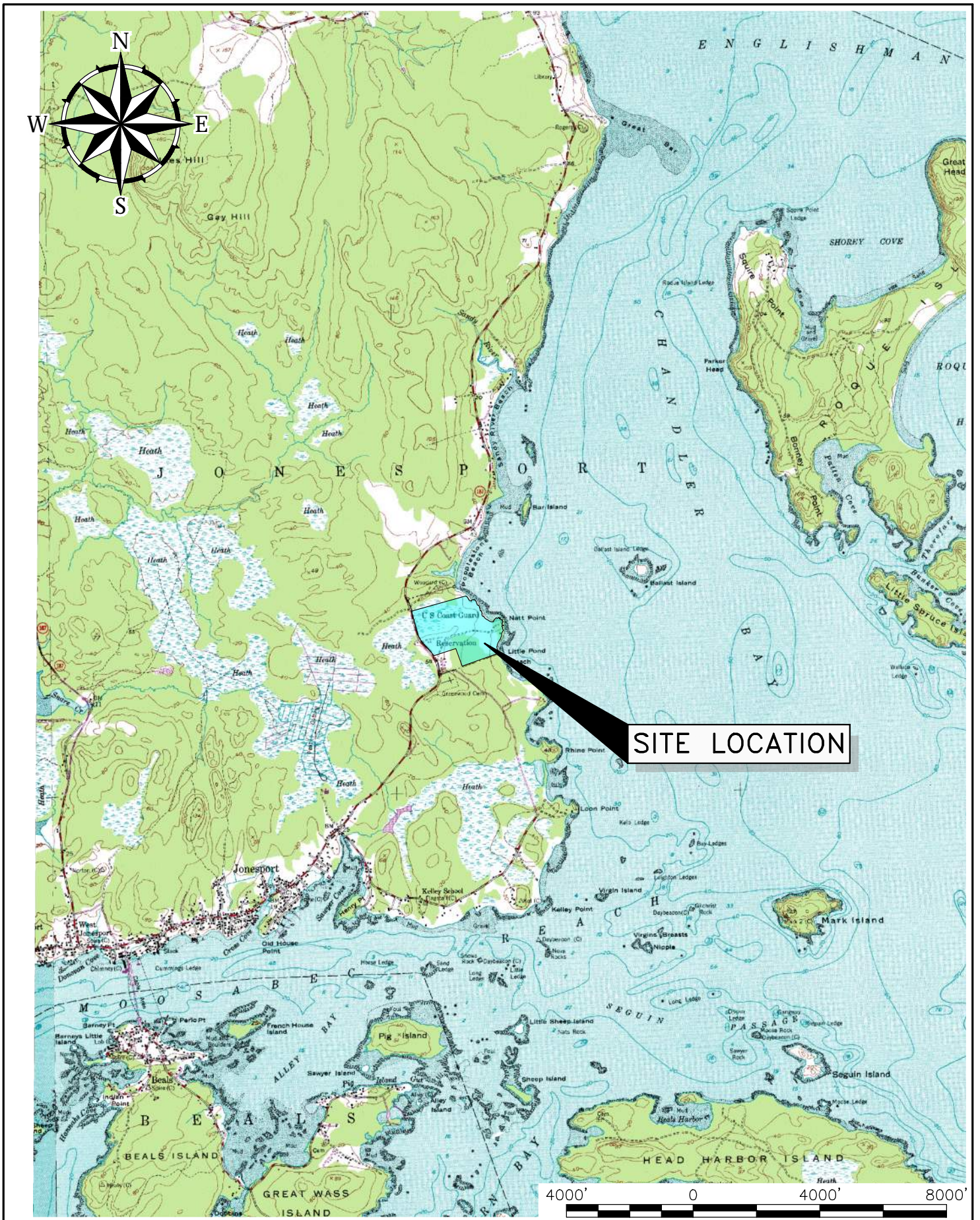
APPENDICES

- Appendix A: Boring Logs
Appendix B: Curve Matches
Appendix C: Water Quality Laboratory Reports

1. INTRODUCTION

This hydrogeological report has been developed in support of Site Location of Development (SLOD) permitting activities being conducted at the proposed Kingfish site (Site) located in Jonesport, Maine. The site location and surrounding area are provided in Figure 1. In general, the Site is in a sparsely populated rural region located approximately 2 miles northeast of the Jonesport town center.

The project Site is located on approximately 93 acres of land between Route 187 and the waters of Chandler Bay. Figure 2 depicts the boundaries of the Site and mapping completed to date. In general west and north of the site are large, forested wetlands and heaths with surface drainage running to the east and west creating a surface water divide immediately west of the site.



SITE LOCATION

4000' 0 4000' 8000'



41 Hutchins Drive
 Portland, Maine 04102
 800.426.4262 | www.woodardcurran.com

COMMITMENT & INTEGRITY DRIVE RESULTS

**SITE LOCATION, TOPOGRAPHY,
 AND RECHARGE AREAS**

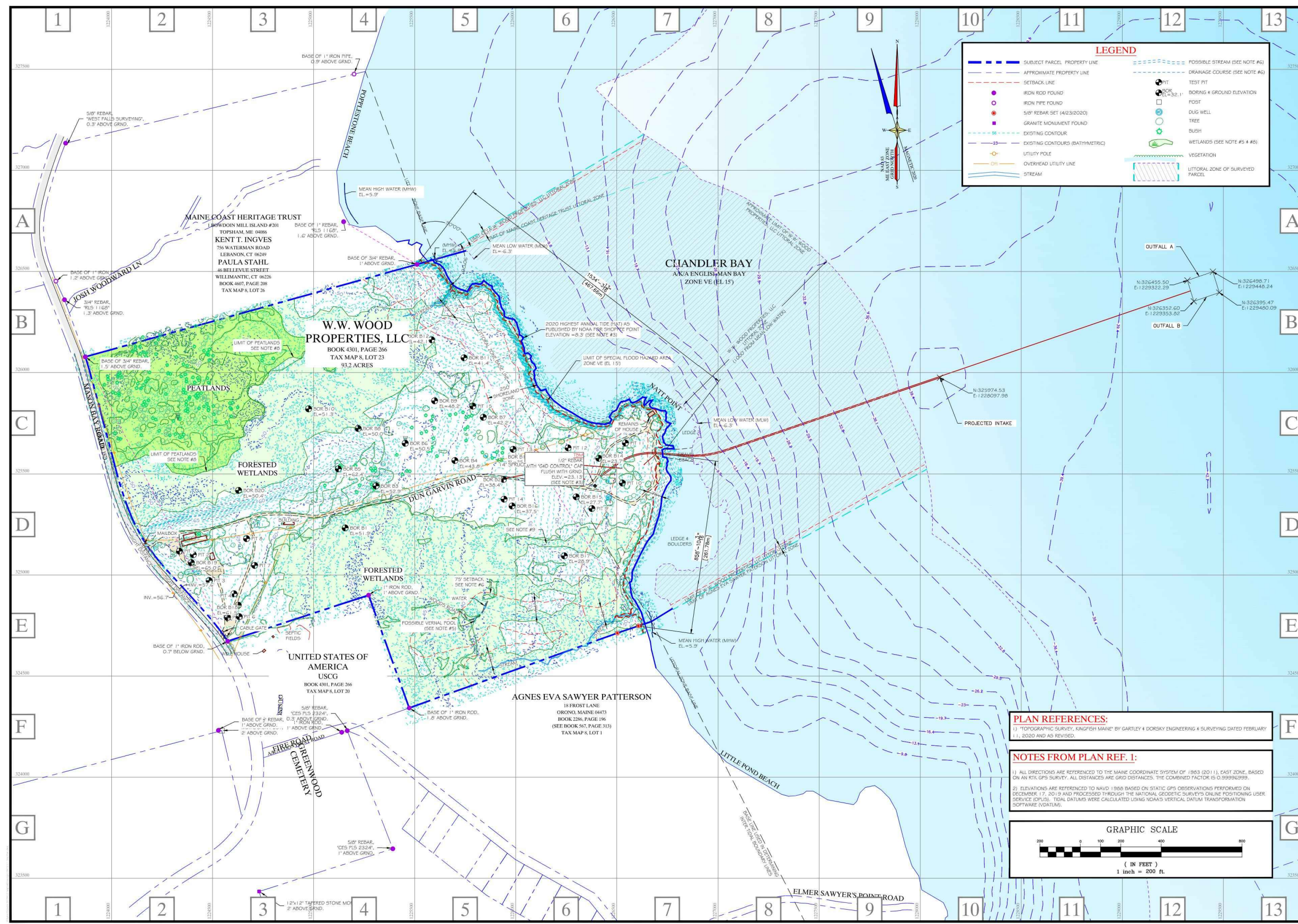
DESIGNED BY: JBC CHECKED BY: JDW
 DRAWN BY: JBC 0232754.00-FIG1_FIG4.dwg

KINGFISH MAINE

KINGFISH MAINE RAS FACILITY
 JONESPORT, MAINE

JOB NO: 0232754.00
 DATE: SEPT. 2020
 SCALE: 1" = 4000'

FIGURE 1

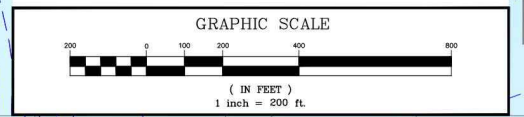


LEGEND

--- (Blue dashed)	SUBJECT PARCEL PROPERTY LINE	--- (Blue dashed)	POSSIBLE STREAM (SEE NOTE #6)
--- (Red dashed)	APPROXIMATE PROPERTY LINE	--- (Blue dashed)	DRAINAGE COURSE (SEE NOTE #6)
--- (Black dashed)	SETBACK LINE	● (Black)	TEST FIT
● (Purple)	IRON ROD FOUND	● (Black)	BORING & GROUND ELEVATION
● (Red)	IRON PIPE FOUND	○ (Black)	POST
● (Blue)	5/8" REBAR SET (4/23/2020)	○ (Black)	DUG WELL
● (Green)	GRANITE MONUMENT FOUND	○ (Black)	TREE
--- (Green dashed)	EXISTING CONTOUR	○ (Black)	BUSH
--- (Blue dashed)	EXISTING CONTOURS (BATHYMETRIC)	○ (Black)	WETLANDS (SEE NOTE #5 & #6)
○ (Yellow)	UTILITY POLE	○ (Black)	VEGETATION
--- (Orange dashed)	OVERHEAD UTILITY LINE	○ (Black)	LITTORAL ZONE OF SURVEYED PARCEL
--- (Blue solid)	STREAM		

PLAN REFERENCES:
 1) "TOPOGRAPHIC SURVEY, KINGFISH MAINE" BY GARTLEY & DORSKY ENGINEERING & SURVEYING DATED FEBRUARY 11, 2020 AND AS REVISED.

NOTES FROM PLAN REF. 1:
 1) ALL DIRECTIONS ARE REFERENCED TO THE MAINE COORDINATE SYSTEM OF 1983 (2011), EAST ZONE, BASED ON AN RTK GPS SURVEY. ALL DISTANCES ARE GRID DISTANCES. THE COMBINED FACTOR IS 0.99999399.
 2) ELEVATIONS ARE REFERENCED TO NAVD 1988 BASED ON STATIC GPS OBSERVATIONS PERFORMED ON DECEMBER 17, 2019 AND PROCESSED THROUGH THE NATIONAL GEODESIC SURVEY'S ONLINE POSITIONING USER SERVICE (OPUS). TIDAL DATUMS WERE CALCULATED USING NOAA'S VERTICAL DATUM TRANSFORMATION SOFTWARE (VDATUM).



NO.	REVISIONS	DATE

EXHIBIT 2	DRAWN BY: JAU	CHECKED BY:
KINGFISH MAINE	SCALE: 1" = 200'	DATE: JUNE 29, 2020
ROUTE 187	LOCATION:	TOWN: JONESPORT
	CONSTR: WASHINGTON	STATE: MAINE

Gartley & Dorsky
 ENGINEERING & SURVEYING

59 Union Street, Unit 1, P.O. Box 1031, Camden, ME 04843-1031
 Ph: (207) 256-4360 Fax: (207) 256-3055 Toll Free 1-888-282-1065
 165 Main Street Suite 20 P.O. Box 1072 Damascus, Maine 04843
 Ph: (207) 790-5405



PROJ. NO. 2019-412
EX2

WOODARD & CURRAN
 41 Hutchins Drive
 Portland, Maine 04102
 800.426.4262 | www.woodardcurran.com

COMMITMENT & INTEGRITY DRIVE RESULTS
 THIS DOCUMENT IS THE PROPERTY OF WOODARD & CURRAN INC. AND ITS CLIENT. REPRODUCTION OR MODIFICATION WITHOUT WRITTEN PERMISSION IS PROHIBITED.

REV.	DESCRIPTION	DATE

SITE DETAILS AND OVERBURDEN WELLS

KINGFISH MAINE
 KINGFISH MAINE RAS FACILITY
 JONESPORT, MAINE

JOB NO. 232754.00
DATE: SEPTEMBER, 2020
SCALE: N.T.S.
SHEET: OF

FIGURE 2

REDUCED - DO NOT SCALE

\woodardcurran.net\shared\Projects\0232754.00_Cambo - Kingfish Zeeland\Drawings\Civil\0232754_00_FIG2.dwg, Feb. 22, 2021 - 7:24pm MMCDDEVTT

2. GEOLOGY

The regional geology and Site geology are described in this section. The regional studies that provided background data for the area included surficial geologic studies, bedrock geologic studies, and a regional lineament analysis completed by the State and summarized herein. Results of on-Site bedrock drilling are also discussed and presented.

2.1 Surficial Geology

The site is largely characterized by a shallow mantle of overburden soils on top of bedrock. Overburden thicknesses in the region (from casing depths and drill logs from S.W. Cole) vary from less than 1 foot to as much as 50 feet below the ground surface. On-site overburden typically is between 5 and 15 feet thick with a water table depth approximately 3 to 9 feet below the ground surface. The groundwater surface appears to be a subdued reflection of site topography. Overburden materials consist of thin veneers of glacio-fluvial fine silts and sand on top of glacial till. Hydraulic conductivities of this material (as evident from the grain size distribution data collected by S.W. Cole) and available water in the surficial deposits make the development of a surficial groundwater source very unlikely at the required demands for the facility.

2.2 Regional Bedrock Geology

Figure 3 (Regional Bedrock Mapping) depicts the bedrock geology of the region. The mapping shows metasedimentary rock that were created during two different pluton intrusions. The first was the Jonesport Gabbro and the second was the Great Wass Granite. The Great Wass Granite intruded Gabbro along fracture planes internal to the Gabbro. These fracture planes are very steeply dipping and can create zones of high bedrock conductivities (refer to Figure 2). The two intrusive bodies created a brecciated zone along the contact with the metasedimentary rock to the north of the site. The intrusive bodies folded and faulted the country rock to the north of the brecciated zone. Several mapped faults also exist in the region.

As depicted in Figure 3, the site is entirely in the brecciated zone surrounding the two plutons to the west and south and the metasedimentary rock to the north. The brecciated zone along the contact of the plutons consist of blocks schist, metasedimentary rock, primarily Silurian volcanics all cut by gabbro, and diabase veins and dikes. In simple terms the rock in this zone has been significantly reworked from the intrusive rocks and could lend itself to zones of high hydraulic conductivity.

2.3 Photo Lineament Data

A large-scale Photo Lineament Study was done by the State where stereo pairs were used to detect geomorphologic linear patterns that could be associated with fracturing and faulting of the underlying bedrock. Figure 4 (Photo Lineaments) superimposes the local lineaments on the Site location map. These lineaments are the surface expression of what may be large scale fracturing and faulting of the bedrock below. These features, if associated with fracturing, are likely to be steeply dipping which make it difficult to intersect using shallow depth borings.

2.4 Local Bedrock Well Data

Figure 5 (Local Bedrock Wells) shows the depth and yield of the local bedrock wells surrounding the site. Locally there are several bedrock wells. These wells are at various depths and typically drilling stopped when the required water supply from the well met or exceeded the demand for the well. These wells are all residential wells, so it is assumed that when greater than 5 gpm was achieved, the drilling stopped.

Many of the wells produce between 5 and 10 gpm; two high producing wells along Route 187 north of the village are somewhat coincident with the photo lineaments depicted in Figure 4 and yield >100 gpm and 50 gpm, respectively. Most wells are between 100 and 250 feet deep. All fracture planes and faulting are steeply dipping creating variability in depth to fracture planes.

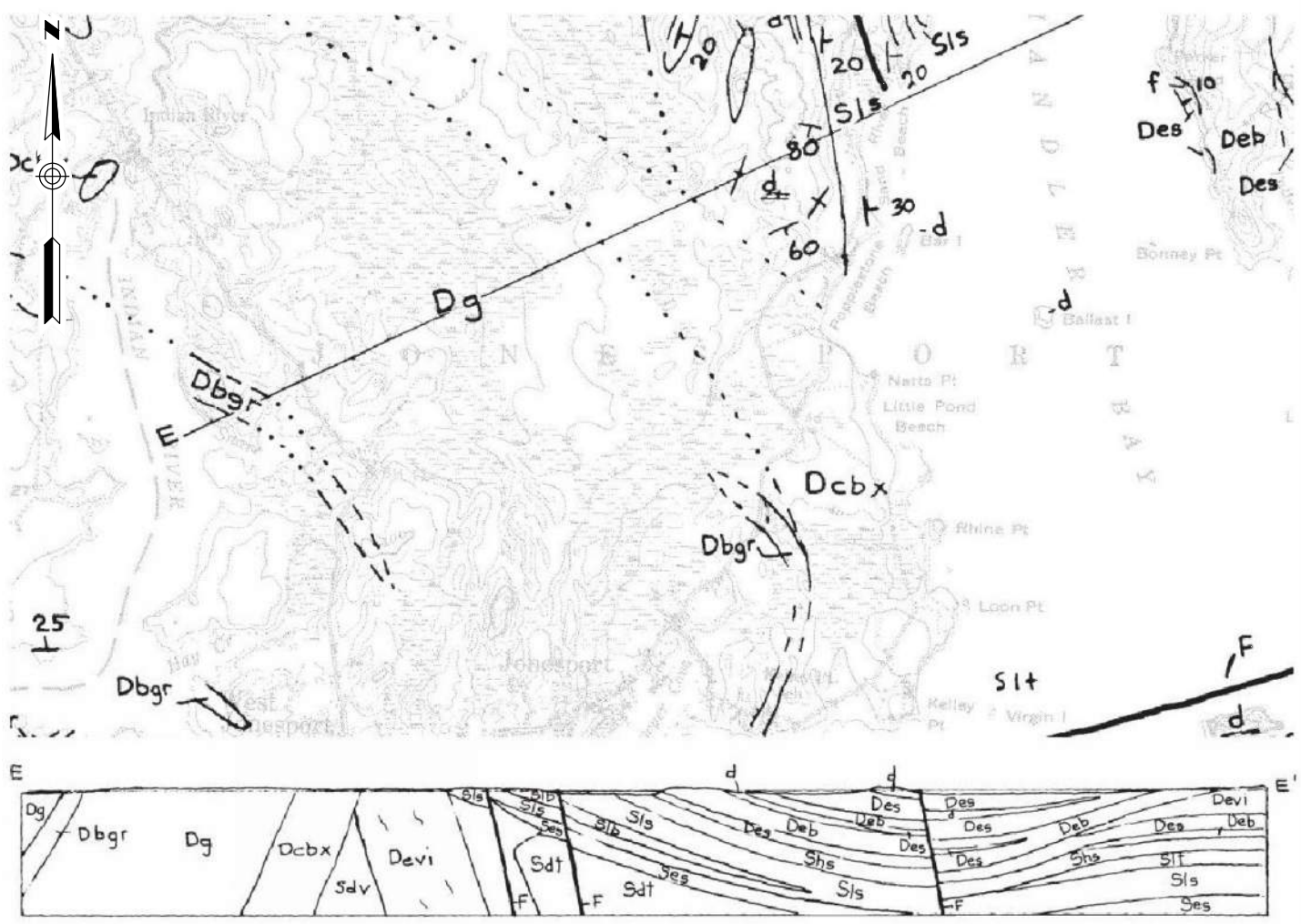
The bedrock geology, photo lineaments (although large scale) combined with the large basically undeveloped overburden recharge offer a reasonable opportunity to develop the bedrock aquifer on the site. A bedrock drilling program was conducted to evaluate the potential for groundwater supply development.

2.5 Site Bedrock Drilling

Prior to initiating subsurface activities, Woodard & Curran pre-marked investigations location and coordinated with Dig Safe for utility clearance. No proposed well locations were relocated due to utility interferences.

A total of 5 wells were installed by Shannon Well Drilling on October 20, 21, 22, 23 and 24, 2020. All wells were completed with a six-inch air rotary drill, advanced directly into bedrock. No overburden sampling or observations were completed. Well locations (Well 1, Well 2, Well 3, Well 4 and Well 5) were chosen based on known Site geology, with a focus on alignment with photo lineaments. Well locations are shown in Figure 6. Well depth ranged from 220 to 360 feet below ground surface (bgs). Wells depths were selected based on drill speed, fracture observations and intermittent rating of well capacity. Observations during well installation such as drill speed, slurry contents, salinity, well rating and observed geology were recorded by Woodard & Curran and are included in the boring logs attached as Appendix A.

woodardcurran.net\shared\Projects\0232754.00 Cianbro - Kingfish Zeeland\wp\Drawings\Civil\0232754.00-FIG3.dwg, Sep. 17, 2020 - 3:04pm JEVERETT



PLUTONIC IGNEOUS ROCKS

- Dbgr** Pink two-feldspar biotite granite. Locally has mantled k-feldspar.
- Dhgr** Hornblende-bearing biotite granodiorite and quartz monzonite. Locally has granophyric texture.
- Dsy** Perthite, aegerine-augite, quartz syenite.
- QP** Pink quartz porphyry dikes.
- Dg** Gabbro and ferrogabbro. Locally layered. Cut by veins and dikes of diorite.
- Dcbx** Contact breccia along margins of large gabbro plutons. Blocks of schist, Silurian volcanic and sedimentary rocks, gabbro and diabase. Cut by gabbro and granite veins and dikes.

VOLCANIC, HYBABYSSAL, AND SEDIMENTARY ROCKS

- d** Diabase and gabbro dikes, sills, and irregular small plutons. Silurian and Devonian. Emplaced during volcanism and also during and after Devonian plutonism.
- De** EASTPORT FORMATION
 - Devi** Rhyolitic flow banded devitrified vitrophyre and autobreccia. Intruded along a fault bordering the Machias Syncline and into the Pembroke and Eastport Formations within the syncline.
 - Deb** Basalt and basaltic andesite flows and shallow intrusions into soft muds and tuffs.
 - Debt** Basaltic tuff-breccia and coarse bedded tuffs.
 - Det** Rhyolitic tuff-breccia and coarse bedded tuffs.
 - Des** Shale, siltstone, and fine-grained bedded tuffs. Gray and maroon. Ostracodes, pelecypods, and linguloids.
- Sh** KERSY FORMATION
 - Sh** Maroon, green, and gray shale and siltstone. Local limestone lenses and tuffs. Ostracodes, pelecypods, and gastropods.
- Sl** LEIGHTON FORMATION
 - Sls** Basalt flows.
 - Slt** Basaltic and rhyolitic tuff-breccia and coarse-bedded tuffs.
 - Sis** Gray shale, siltstone, and fine-grained bedded tuffs.
- Se** EDMUNDS FORMATION
 - Seb** Basalt flows.
 - Sed** Mixed basaltic and rhyolitic tuff-breccias and coarse bedded tuffs. Gray, green, and maroon. Locally contain beds of maroon siltstone and fine-grained tuff.
 - Sev** Pink porphyritic intrusive vitrophyre.
 - Ses** Gray shale, siltstone, and fine-grained bedded tuffs. Brachiopods, trilobites, and orthoceroidea.

41 Hutchins Drive
Portland, Maine 04102
800.426.4262 | www.woodardcurran.com

COMMITMENT & INTEGRITY DRIVE RESULTS

REGIONAL BEDROCK MAP

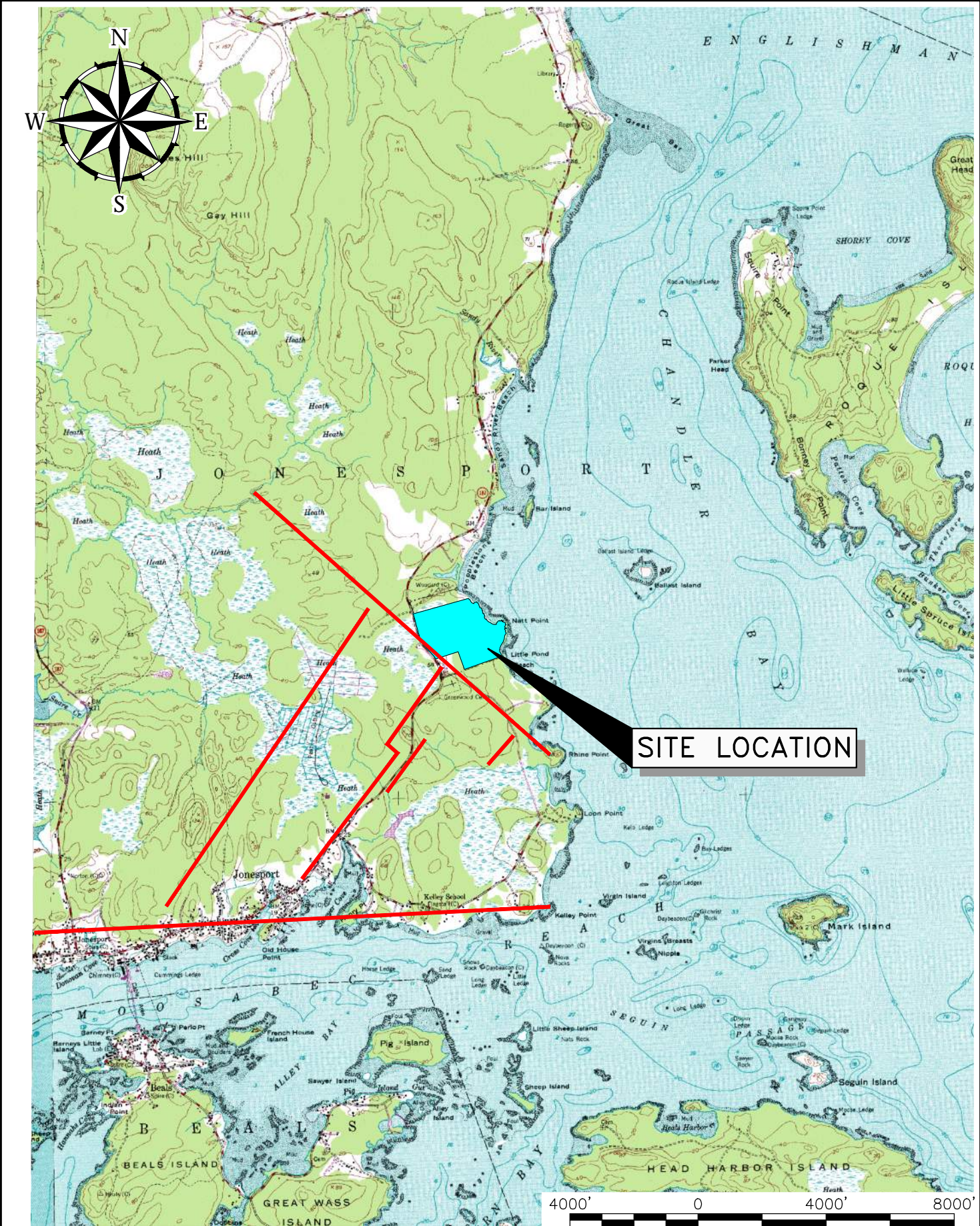
DESIGNED BY: ETC	CHECKED BY: ETC
DRAWN BY: JDE	0232754.00-FIG3.dwg

KINGFISH MAINE

KINGFISH MAINE RAS FACILITY
JONESPORT, MAINE

JOB NO: 232754.00
DATE: SEPT. 2020
SCALE: N.T.S.

FIGURE 3



SITE LOCATION



41 Hutchins Drive
 Portland, Maine 04102
 800.426.4262 | www.woodardcurran.com

COMMITMENT & INTEGRITY DRIVE RESULTS

PHOTO LINEAMENTS

DESIGNED BY: JBC
 DRAWN BY: JBC

CHECKED BY: JDW
 0232754.00-FIG1_FIG4.dwg

KINGFISH MAINE

KINGFISH MAINE RAS FACILITY
 JONESPORT, MAINE

JOB NO: 0232754.00
 DATE: SEPT. 2020
 SCALE: 1" = 4000'

FIGURE 4



Bedrock Wells



9/11/2020, 11:08:54 AM

Well Depth (ft)	● 50.1 - 100	● 100.1 - 150	● 150.1 - 200	● 200.1 - 250	● 250.1 - 300
-----------------	---	---	--	---	---

woodardcurran.net\shared\Projects\0232754.00 Cianbro - Kingfish Zeeland\wp\Drawings\Civil\0232754.00-FIG5.dwg, Sep 17, 2020 - 4:29pm JEVERETT



41 Hutchins Drive
Portland, Maine 04102
800.426.4262 | www.woodardcurran.com

COMMITMENT & INTEGRITY DRIVE RESULTS

BEDROCK WELLS

DESIGNED BY: JDW
DRAWN BY: JDE

CHECKED BY: JDW
0232754.00-FIG5.dwg

KINGFISH MAINE

KINGFISH MAINE RAS FACILITY
JONESPORT, MAINE

JOB NO: 232754.00
DATE: SEPT. 2020
SCALE: 1"=1500'

FIGURE 5

3. HYDROGEOLOGY

The Site hydrogeology was investigated by completing a phased pumping test in the wells installed on-site. The data from the pumping tests were reduced and interpreted to estimate potential yields from the site and to develop hydrogeologic parameters for the bedrock aquifer. The pumping test, data reduction, and data analyses are discussed in this section.

3.1 Pumping Test

A pumping test was conducted on wells installed as described in the preceding section. The pumping test was conducted between January 6 and January 11, 2021. The pumping test consisted of a sequenced, combined pumping test of Wells 5, 4, and 1. During this pumping test, Wells 2 and 3 were used to monitor drawdown. Additionally, groundwater levels were monitored via vented, automated data loggers in two nearby domestic wells, designated as P-West and P-East on Figure 5 for the purposes of this report, and an overburden well shown on Figure 6.

Figure 7 depicts the groundwater levels in the primary wells monitored at the site during the pumping test. Vertical lines indicate start times for the pumps in each of the wells pumped during the test. Pumping was initiated in Well 4 first, followed by Well 1 approximately three hours later, and finally by Well 5 approximately 2.75 hours after pumping started at Well 1. Initial fluctuations in pumping rates and in drawdown responses were due to adjustments in gate valves necessary to achieve a stabilized pumping rate. Average pumping rates are provided in the table below. The combined average pumping rate was approximately 85 gallons per minute (gpm).

Table 1: Average Pumping Rates during Pumping Test

Well Identification	Average Pumping Rate (gpm)
Well 1	10
Well 4	36
Well 5	39

Approximately five hours before the pumping test was shut down, the pumping rate in Well 1 was increased to approximately 30 gpm. Prior to this increase (the initial phase), water levels in the pumping wells and in the adjacent monitoring wells had generally reached a stabilized condition. The responses observed in pumping Wells 1 and 4 and monitoring Well 3 positioned between Wells 1 and 4 suggest that these wells are likely located along interconnected fractures. The lack of immediate response in Well 5 and Well 2 to pumping changes in Wells 1 and 4 suggest that these wells are in a different set of fractures. Drawdowns at the end of the second phases of the pumping test are indicated in the table below.

Table 2: Drawdowns Measured during Pumping Test

Well Identification	Drawdown Initial Phase (feet)	Drawdown End of Second Phase (feet)
Well 1	42.39	95.03
Well 2	57.12	58.41
Well 3	38.62	56.79
Well 4	104.92	120.73
Well 5	154.21	156.19
P-West	5.90	7.17
P-East*	-0.12	-0.12
SW Cole Overburden Well	1.85	2.36

Note: P-East is adjacent to the shoreline and experiences tidal fluctuations. Negative drawdown likely indicates rise in nearby tidally influenced bay.

3.2 Pumping Test Analysis

Pumping test data were analyzed using AquiferWin32 version 5.03, a pumping test curve-matching analysis package developed by Groundwater Simulations, Inc. The field data were reduced to elapsed time and drawdown prior to being imported into the analysis software. Curve matches for each analysis are provided in Appendix B to this report. Due to the variability in pumping rates during the pumping test, the recovery data from the pumping wells were analyzed to estimate properties for the aquifer at the pumping well locations. Both pumping and recovery data were analyzed for the observation wells; therefore, the results for these wells are presented as a range. A summary of the aquifer properties estimated from the analyses of the pumping test data are provided in the table below. For the purposes of these analyses, an aquifer thickness of 500 feet was assumed for the bedrock aquifer. Relatively large fractures were observed at depths greater than 300 feet and the aquifer thickness was simulated at 1.5 times observed fractures. A sensitivity analysis was done on thicknesses between 350 and 500 feet with little variation in the results.

Based on the recovery data and drawdown observed in the overburden well, the recovery data for the pumping wells best matched the curves for a confined aquifer with a leaky confining layer. In some cases, data were matched using a linear approximation (Cooper Jacob, 1946) available in the software package. In general, calculated aquifer hydraulic conductivity ranged between 0.03 and 0.21 feet/day. Storage coefficients varied by several orders of magnitude between approximately 4×10^{-7} to 1.6×10^{-1} . The upper end of this range was calculated using the early time data from pumping of Well 1 and may not be representative due to the potential for casing storage effects present in the drawdown. A realistic number for the bedrock storage coefficient is within the 10^{-3} to 10^{-7} range.

Table 3: Summary of Hydrogeologic Properties Evaluated from Pumping Test

Well Identification	Transmissivity (feet ² /day)	Hydraulic Conductivity (ft/day)	Storage Coefficient (unitless)
Well 1	41 - 93	0.08 – 0.19	$9.89 \times 10^{-2} - 1.6 \times 10^{-1}$
Well 2	79 - 103	0.16 – 0.21	$1.88 \times 10^{-5} - 4.80 \times 10^{-5}$
Well 3	36 - 43	0.07 - 0.09	$1.89 \times 10^{-5} - 3.11 \times 10^{-5}$
Well 4	70	0.14	4.10×10^{-2}
Well 5	17	0.03	3.77×10^{-7}

The above data ranges for hydraulic conductivity and storage coefficient were used in the development of a groundwater flow model discussed in Section 4.

3.3 Water Quality Sampling and Results

Water quality samples were collected from Wells 1, 4 and 5 at the end of the pumping test. In general, water quality was good in each of the three wells tested. Trace detections of chloroform were detected in Well 1 and Well 5. A trace detection of toluene was detected in Well 1. These detections were well below the regulatory standards for both compounds. Arsenic above the USEPA Maximum Contaminant Level (MCL) was detected in Well 5. Full analytical reports are included in Appendix C of this report.

Table 4: Summary of Detections from Water Quality Testing

Analyte	Unit	Regulatory Limit	Well 1	Well 4	Well 5
<i>Organics</i>					
Chloroform	ug/L	100	2.7	ND	1.3
Toluene	ug/L	600	1.1	ND	ND
<i>Metals & Inorganics</i>					
Arsenic	mg/L	0.01	0.0098	0.003	0.0288
Calcium, Total	mg/L	NL	8.81	6.57	9.92
Chromium	mg/L	0.1	0.001	0.0011	ND
Iron	mg/L	0.3	0.029	ND	0.024
Magnesium	mg/L	NL	2.35	2.05	2.6
Manganese	mg/L	0.05	ND	ND	0.0043
Nitrate	mg/L	10	ND	0.26	ND
Sodium	mg/L	NL	11.5	8.78	
<i>Other</i>					
Turbidity	NTU	NL	ND	ND	0.32
Color, True	APCU	NL	5	5	5
Color, Apparent	APCU	NL	7	7	7
Alkalinity, Bicarbonate	mg CaCO ₃ /L	NL	40.8	31.4	51.7
Chloride	mg/L	250	6.89	6.34	9.29
Fluoride	mg/L	4	ND	ND	0.22
Sulfate	mg/L	250	8.79	5.02	10.8
<i>Radiological</i>					
Uranium	ug/L	30	1.5	ND	1.8
Uranium	pCi/L	20	1	ND	1.2
Hardness	mg CaCO ₃ /L	NL	29.5	23.1	33.1
Gross Alpha	pCi/L	15	1.8	ND	1.4
Radon	pCi/L	4,000	1,739	2,537	915

Notes: NL = not listed

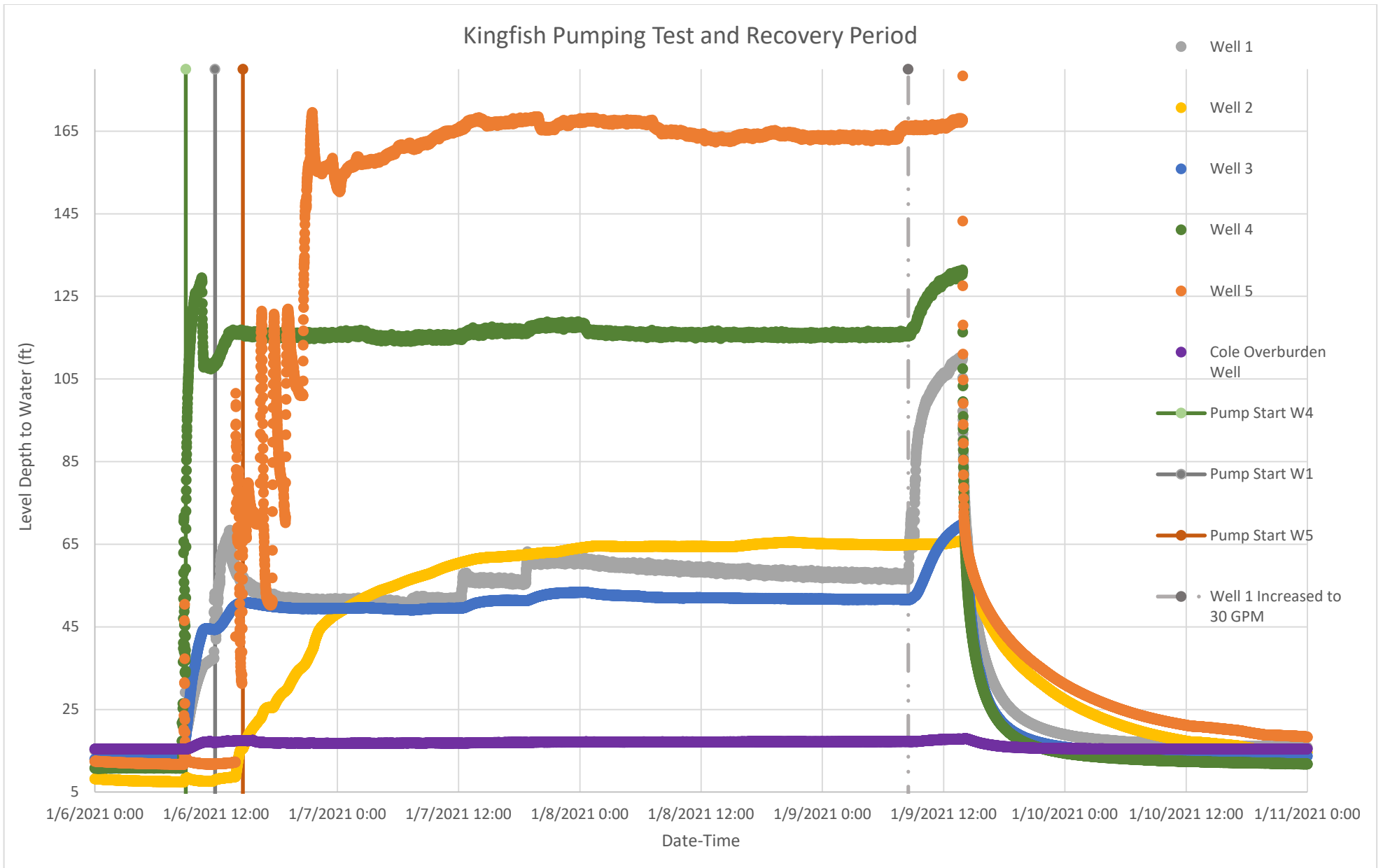
ND = not detected above laboratory resolution limit

mg/L = milligrams per liter

ug/L = micrograms per liter

Bold text = analyte detected above regulatory limit for drinking water

pCi/L = pico-Curies per liter



**Figure 7: Pumping Test Summary Graph
Water Levels during Test
January 2015**



4. GROUNDWATER MODEL

A groundwater flow model was developed for the Site to assist in evaluation of the potential effects of aquifer pumping. The development of the model and its subsequent use in evaluating the water supply capabilities of the bedrock aquifer are discussed in the following section. Since the Site had thin and limited overburden for developing a water supply, the groundwater flow model does not explicitly simulate the overburden.

4.1 Model Selection

The groundwater model code selected for the modeling exercise was MODFLOW 2005, by the United States Geological Survey (USGS). This is an updated version of the original MODFLOW developed by USGS in 1988. The MODFLOW family of codes is an industry standard for modeling groundwater flow in porous media. In this case, MODFLOW is being used to simulate conditions in bedrock in an equivalent porous media framework. In such cases, the assumptions are that the bulk characteristics of the fractured media may be simulated using MODFLOW at an appropriate scale. Given the objectives to simulate potential effects of water withdrawals on nearby potentially sensitive water dependent users (i.e. nearby wetlands and domestic wells), MODFLOW2005 allows for evaluation of water withdrawal effects via calculation of water balances and simulation of drawdown resulting from aquifer pumping.

4.2 Model Domain, Grid and Boundary Conditions

The groundwater model domain, grid, and boundary conditions are depicted on Figure 8. The grid was initially set to a nominal row and column spacing of 100 feet. This grid spacing was refined at the site to better simulate the proposed groundwater supply extraction. The finest grid spacing used is 25 feet by 25 feet on the Site. The top of the model was set at 50 feet. The bottom of the model was set at -450 feet. This allows for the assumed aquifer thickness of approximately 500 feet to be used for the simulation.

The external boundary conditions consist generally of no-flow boundaries on the north, south, and west sides of the model space. These no-flow boundaries are set in areas where groundwater flow is assumed to be parallel to the boundary and therefore flow neither enters nor leaves the model space. The eastern boundary condition is the water of Chandler's Bay and is simulated with a constant head boundary set at an average tidal level of approximately 7 feet. The internal boundary conditions used to simulate the various bogs, heaths, and wetlands and channels between these areas are simulated with drains. Drains remove water from the model based on a specified elevation generally set to close to the surface elevation. Drains continue to discharge if the groundwater elevation remains higher than the drain. Once the groundwater elevation drops below the specified drain elevation, water ceases to flow unless and until the water elevation rises above the drain bottom. Groundwater flux through the drains allows us a means of estimating surface flow and impacts to the wetland areas surrounding the Site.

The groundwater model was setup with three stress periods. The first stress period simulates long-term steady state conditions prior to any pumping activity. The second stress period consisted of three days used to simulate the portion of the pumping test conducted prior to increase of pumping in Well 1. The final stress period was used to simulate the effects of long-term pumping at the combined average rate used in the pumping test.

4.3 Model Properties

The primary model properties used in the simulation of flow at the Site were recharge, hydraulic conductivity, and storage coefficient. Recharge was set at approximately 0.0027 ft/day (equivalent to 12 inches/year) over much of the model space to reflect the relatively flat area with limited surface drainage features other than the modeled wetland areas. To simulate the increased recharge likely occurring underneath the large, closed heath that drains a large portion of the upland area located adjacent to the Site, approximately 0.0083 ft/day (36 inches/year) of recharge was added to represent this closed collection point in the hydrologic system. Model hydraulic conductivities were adjusted

within the range of calculated values determined from the pumping test discussed in the previous sections to achieve a reasonable match to observed drawdowns at the end of the initial phase of the pumping test. To calibrate the model the final hydraulic conductivity used was 0.13 feet/day which is near the midpoint of the calculated values. The value of storage used in the model was set to 10^{-5} which is in the midpoint range of the observed data.

4.4 Model Calibration

The steady groundwater flow field predicted by the steady state model is shown in Figure 9. The calibrated model generally was able to replicate the observed drawdowns. The model predicted drawdowns are somewhat higher than the measured drawdowns in the various wells. Some of this discrepancy is likely due to grid squares in the model being larger than the point locations of the wells and therefore some averaging occurs over that area compared to a point value in a well. Additionally, the bulk characteristics simulated using an equivalent porous media model are not likely to capture all the nuances of a fractured rock setting. Small local variation in bedrock hydraulic conductivities and bedrock anisotropic conditions are largely responsible for these variations. Table 5 below provides a comparison of the observed value to the modeled value. Given that most values are slightly overpredicted, the conclusions made based on these values should be conservative. The modeled flow field at the end of the initial phase of the pumping test is depicted in Figure 10. Figure 11 depicts the drawdown contours at the end of the initial phase of the test. As expected, the largest drawdowns are centered around Test Wells 4 and 5 which had the largest pumping rates. Lower drawdown occurs around Test Well 3 and the nearby residential well P-West. As expected, there is no measurable drawdown at the P-East location proximal to the shoreline.

Table 5: Observed and Modeled Drawdowns Comparison

Well Identification	Observed Drawdown Initial Phase (feet)	Modeled Drawdown (feet)
Well 1	42.39	57.78
Well 2	57.12	49.42
Well 3	38.62	46.68
Well 4	104.92	107.12
Well 5	154.21	124.63
P-West	5.90	12.14

The overall model water balance at the end of the simulated pumping test is presented in Table 6 below. The water balance indicates a good match between overall inflows and outfalls with the error between the two much less than 1%. The majority of inflow occurs as recharge. The major outflows occur through the constant heads representing the shoreline and the wetland areas simulated as drains. The simulated pumping is the only other outflow and is lower overall than the other outflows.

Table 6: Groundwater Model Water Balance

Description	Inflow (cf/d)	Outflow(cf/d)
Recharge	109,447	-
Constant Head	-	28,305
Drain	-	67,406
Well	-	16,793
Storage	3,060	3
TOTAL	112,508	112,508

4.5 Model Predictive Runs

The calibrated flow model was used to evaluate drawdowns, water levels, and water balance considerations for withdrawals with the site wells set at approximately 90 gpm. The stress period for this simulation was run out to one year to approximate steady state conditions. The results of this simulation are depicted in Figures 12 and 13. As shown, the drawdown has deepened slightly at each of the wells and the nearby P-West well shows slightly more drawdown at around 13.7 feet. Given that this well has an overall depth of approximately 250 feet and that drawdowns are generally overpredicted compared to observed drawdowns, it is unlikely that this well would be significantly impacted.

Table 7 predicts potential effects on the adjacent heath from a water balance perspective. Flux rates were calculated by the model and summed by areas of the heath near the Site. Two additional simulations were completed to estimate heath impacts from a both a 60 and 30 gpm steady state pumping conditions. Figures 14 and 15 depict the associated drawdown for each of the reduced pumping conditions. Based on the model simulations completed, heath impacts will be further reduced for steady state pumping conditions below 30 gpm.

The Eastern Heath refers to the portion of the heath north of the Site and east of Route 187. The Western Heath refers to the portion of the heath west of the Site and Route 187. During pumping, the flux rate is reduced to the heath as the water level begins to fall and the head difference driving flow to the heath and the area of the heath receiving discharging groundwater is reduced. While there is a predicted effect on both sides of the heath based on the model, the conceptualization of the heath as a simple drain may be overpredicting the overall effect. There are some unknowns in the hydrology of the heath that should be assessed to effectively evaluate the extent of the effect of pumping on the nearby receptors. Shallow overburden monitoring and stream gages data can be used to refine the model.

Table 7: Model Predictive Heath Fluxes

Modeled Scenario	Combined Pumping Rate	East Heath Flux		West Heath Flux	
	<i>gpm</i>	<i>CFD</i>	<i>gpm</i>	<i>CFD</i>	<i>gpm</i>
Steady State No Pumping	0	4,141	21.5	19,695	102
End of Test	90	276	1.4	13,515	70
Steady State Pumping	90	154	0.8	11,818	61
Steady State Pumping	60	907	5	14,469	75
Steady State Pumping	30	2,335	12	17,496	91

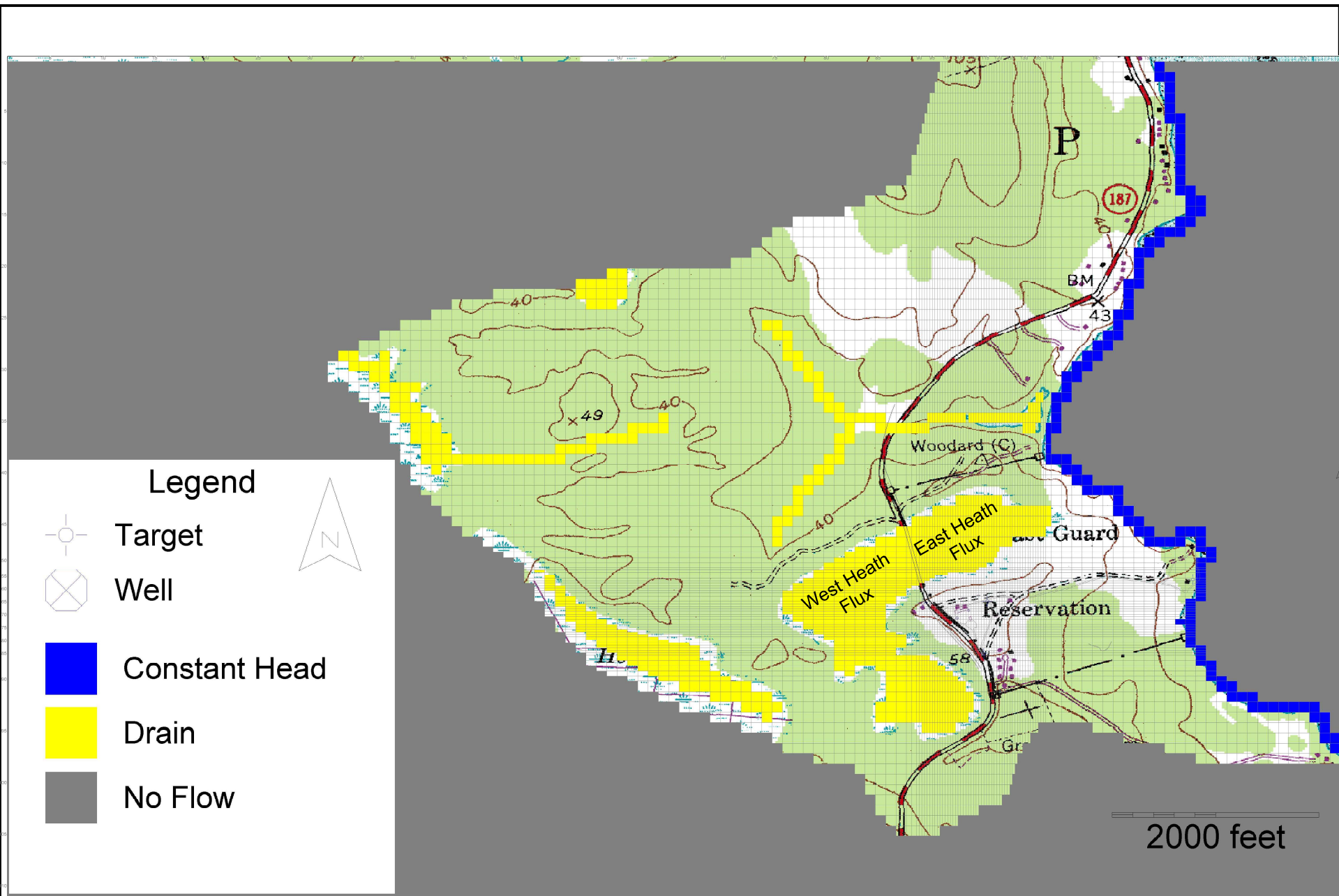


Figure 8: Groundwater Model Design
 Hydrogeological and Modeling Report
 Proposed Kingfish Site
 Jonesport, Maine

A

B

C

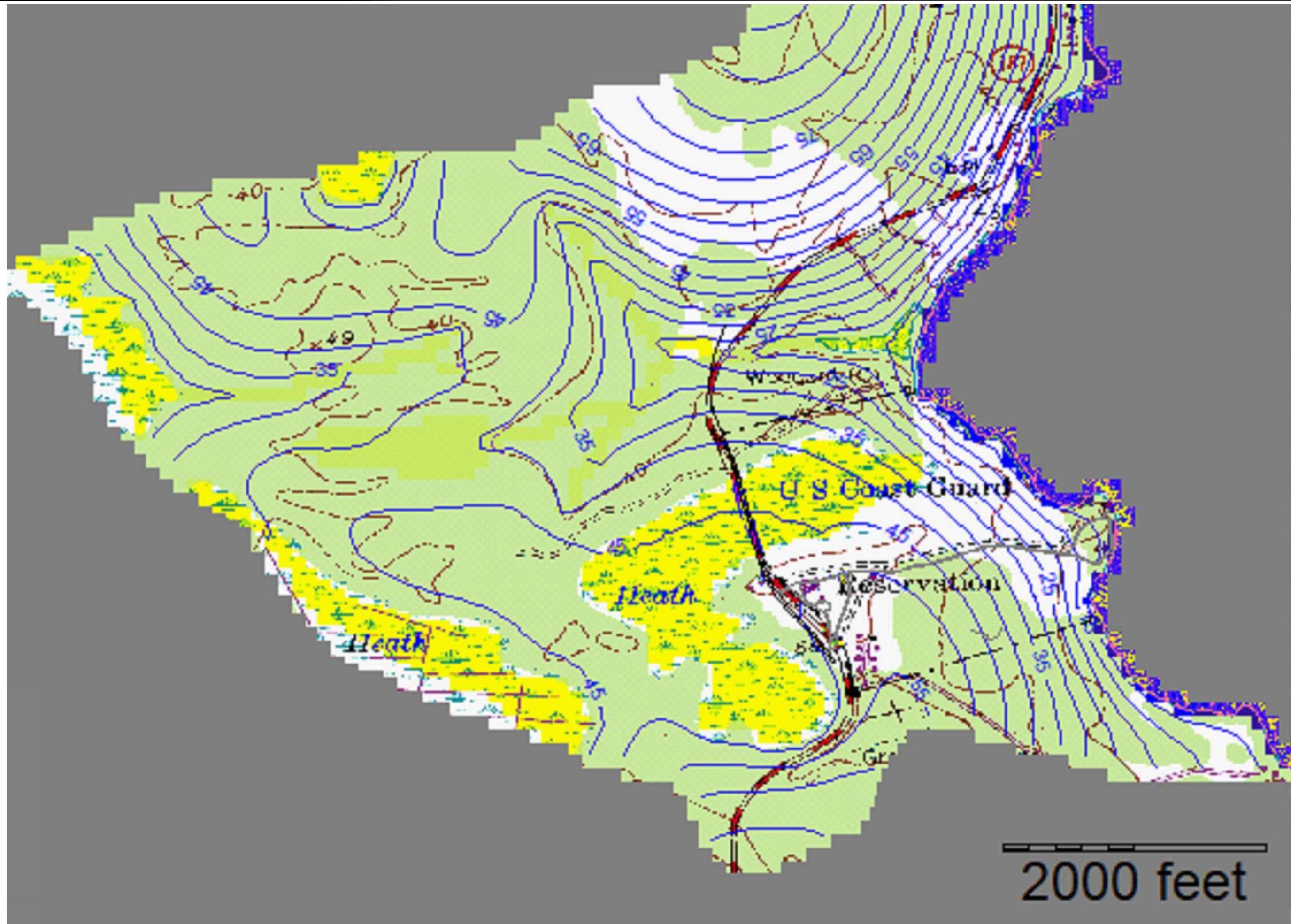
D

A

B

C

D



\\woodcurran-wetshare\Projects\022754-00 Clamro - Kingfish, Zealand\Drawings\022754-00-F1G9.dwg, Feb 22, 2021 - 2:35pm MICDEVTT

41 Hutchins Drive
Portland, Maine 04102
800.426.4262 | www.woodcurran.com

**WOODARD
& CURRAN**

COMMITMENT & INTEGRITY DRIVE RESULTS

THIS DOCUMENT IS THE PROPERTY OF WOODARD & CURRAN, INC. AND THE CLIENT. REPRODUCTION OR MODIFICATION WITHOUT WRITTEN PERMISSION IS PROHIBITED.

REV	DESCRIPTION	DATE

DESIGNED BY: EC CHECKED BY: EC
DRAWN BY: MIDLM DATE: 02/23/2021

STEADY STATE
NON-STRESSED REINFORCEMENT ON CONDITION

KINGFISH MAINE
KINGFISH MAINE RAS FACILITY
JONESPORT, MAINE

JOB NO.: 232754-00
DATE: FEBRUARY, 2021
SCALE: N.T.S.
SHEET: 0F

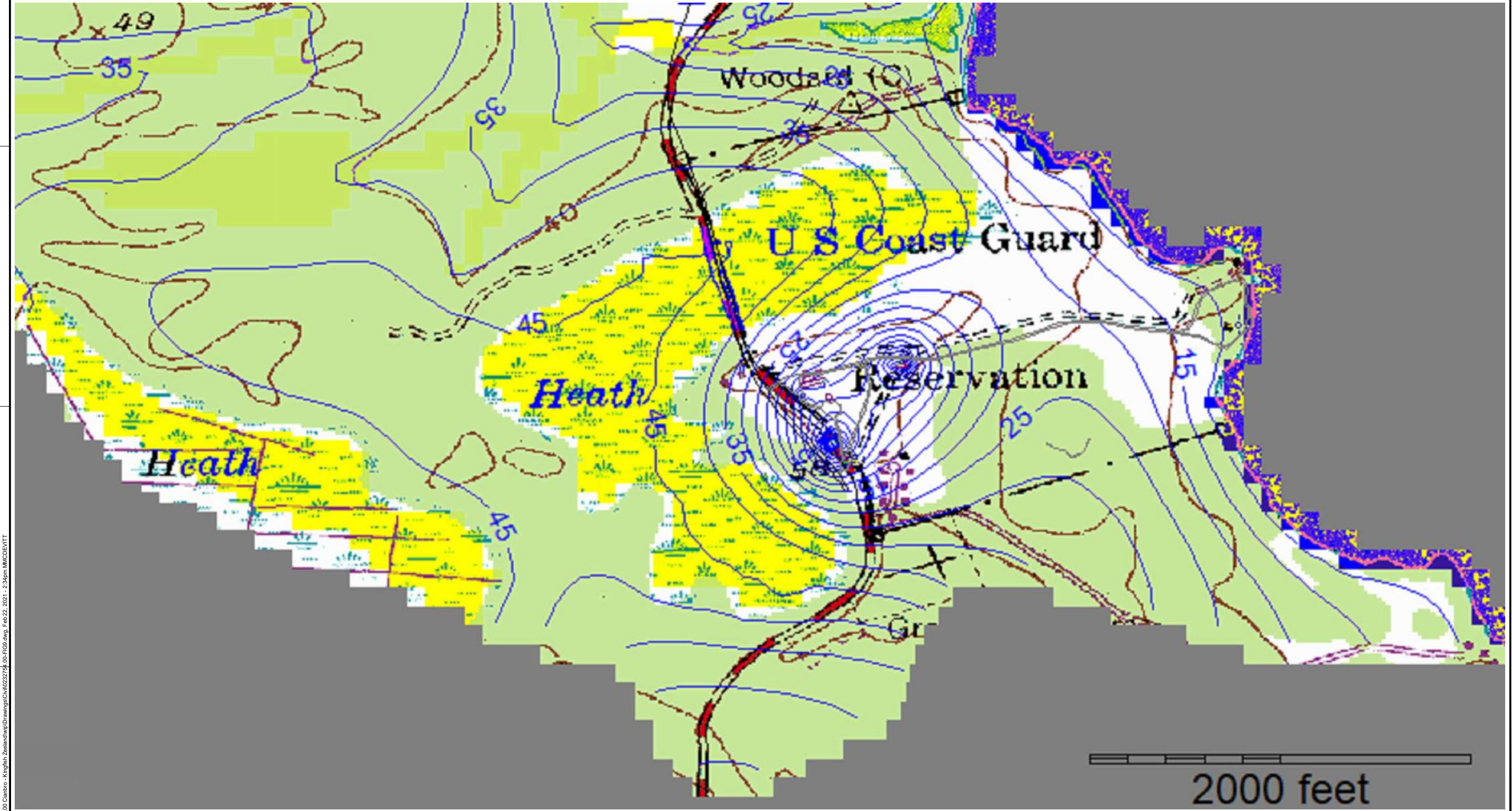
FIGURE 9

A

B

C

D



\\woodcurran-net\shared\Projects\022754-00_Calibro - Kingfish_Zealand\wp\Drawings\022754-00-F103.dwg, Feb 22, 2021 - 2:24pm MDCBEVMTT

41 Hutchins Drive
Portland, Maine 04102
800.426.4262 | www.woodcurran.com

WOODARD & CURRAN

COMMITMENT & INTEGRITY DRIVE RESULTS
THIS DOCUMENT IS THE PROPERTY OF WOODARD & CURRAN, INC. AND ITS CLIENT. REPRODUCTION OR MODIFICATION WITHOUT WRITTEN PERMISSION IS PROHIBITED.

REV	DESCRIPTION	DATE

DESIGNED BY: MDCM	CHECKED BY: EC
DRAWN BY: MDCM	02275409.FGS.rdg

END OF UMI IN TEST
ROUNDWATER ELEVATION ONTOURS

KINGFISH MAINE
KINGFISH MAINE RAS FACILITY
JONESPORT, MAINE

JOB NO:	232754-00
DATE:	FEBRUARY, 2021
SCALE:	N.T.S.
SHEET:	OF

FIGURE 10

A

B

C

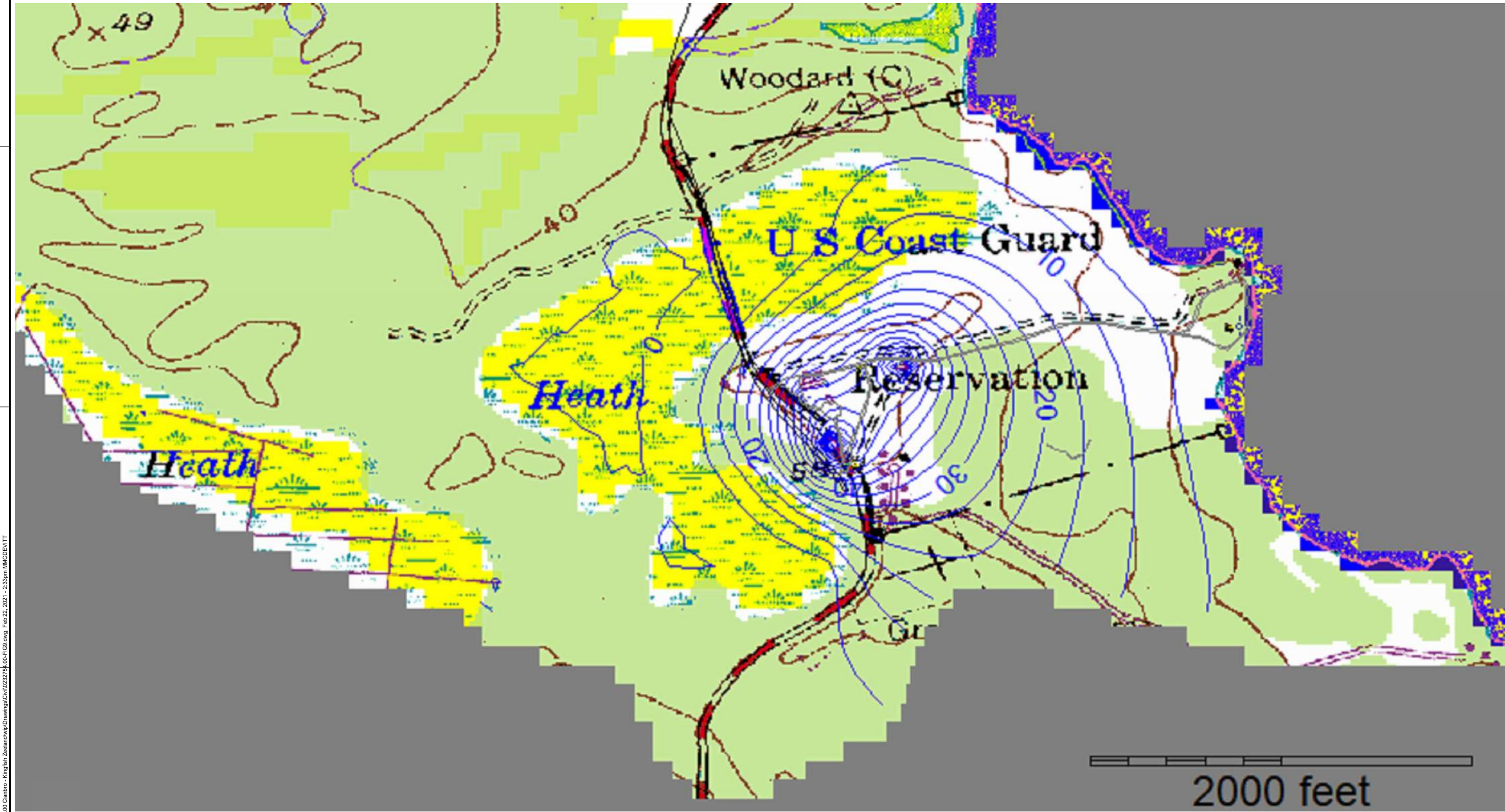
D

A

B

C

D



\\woodardcurran-net\shared\Projects\022754-00_Calibro - Kingfish_Zealand\wp\Drawings\022754-00-FIGS.dwg, Feb 22, 2021 - 2:33pm MDCBEVMTT

41 Hutchins Drive
Portland, Maine 04102
800.426.4262 | www.woodardcurran.com

WOODARD & CURRAN
COMMITMENT & INTEGRITY DRIVE RESULTS

THIS DOCUMENT IS THE PROPERTY OF WOODARD & CURRAN, INC. AND ITS CLIENTS. REPRODUCTION OR MODIFICATION WITHOUT WRITTEN PERMISSION IS PROHIBITED.

REV	DESCRIPTION	CHECKED BY	DATE

DESIGNED BY: EC	CHECKED BY: EC
DRAWN BY: MDCM	02275400.FIGS.dwg

END OF UTM IN TEST
DRAWDOWN ON TOURS

KINGFISH MAINE
KINGFISH MAINE RAS FACILITY
JONESPORT, MAINE

JOB NO:	232754.00
DATE:	FEBRUARY, 2021
SCALE:	N.T.S.
SHEET:	OF

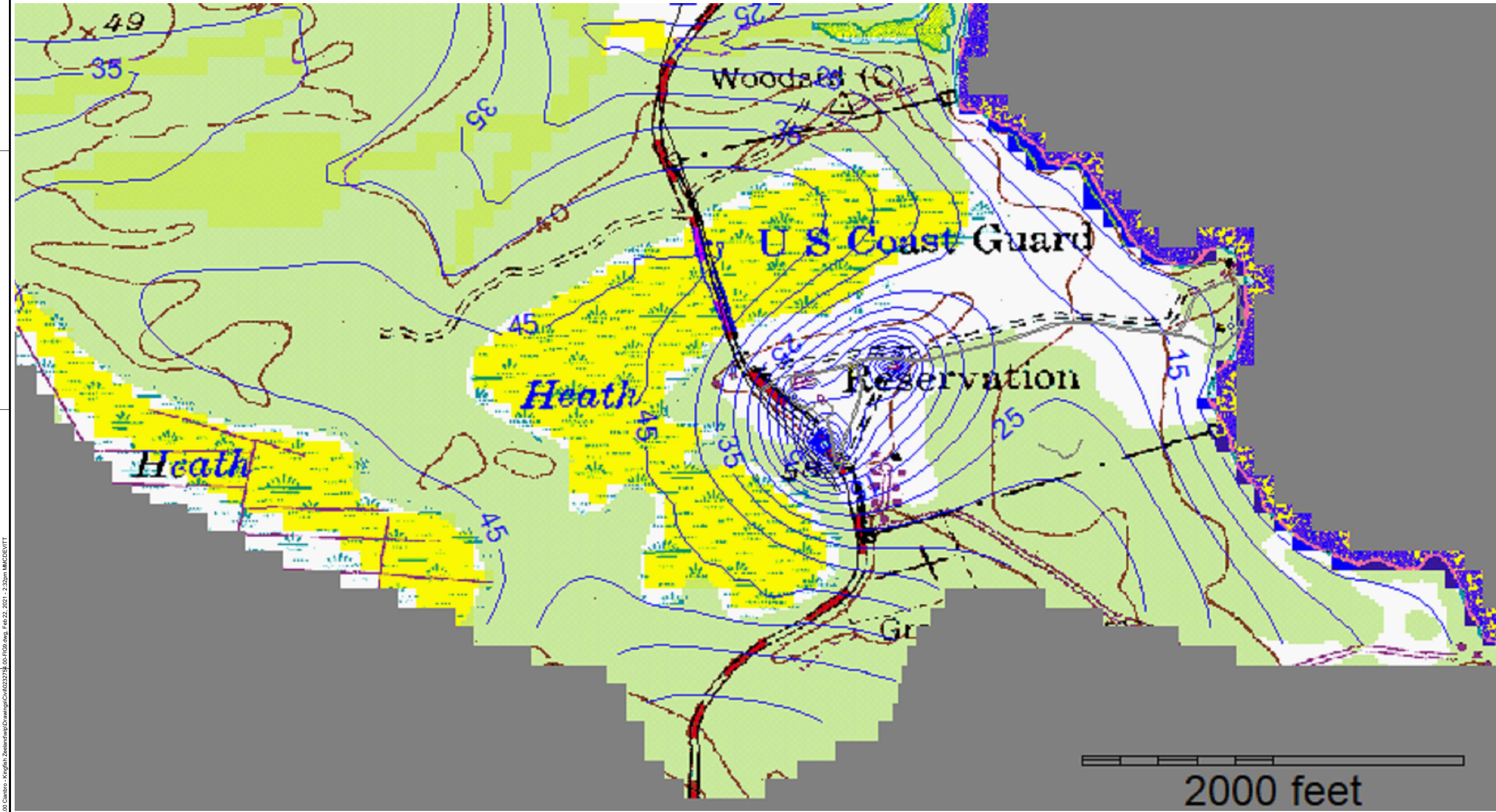
FIGURE 11

A

B

C

D



\\woodardcurran.net\shared\Projects\232754-00_Calibro - Kingfish_Zealand\wp\Drawings\022754-00-F1G8.dwg, Feb 22, 2021 - 2:52pm MICBDEVTT

41 Hutchins Drive
Portland, Maine 04102
800.426.4262 | www.woodardcurran.com

WOODARD & CURRAN
COMMITMENT & INTEGRITY DRIVE RESULTS

THIS DOCUMENT IS THE PROPERTY OF WOODARD & CURRAN, INC. AND ITS CLIENTS. REPRODUCTION OR MODIFICATION WITHOUT WRITTEN PERMISSION IS PROHIBITED.

REV	DESCRIPTION	DATE

DESIGNED BY: EC
CHECKED BY: EC
DRAWN BY: MIDLM
022754-00-F1G8.dwg

STEAD STATE UM IN 0 0 0 0 M
ROUNDWATER ELEVATION

KINGFISH MAINE
KINGFISH MAINE RAS FACILITY
JONESPORT, MAINE

JOB NO: 232754-00
DATE: FEBRUARY, 2021
SCALE: N.T.S.
SHEET: OF

FIGURE 12

1

2

3

4

5

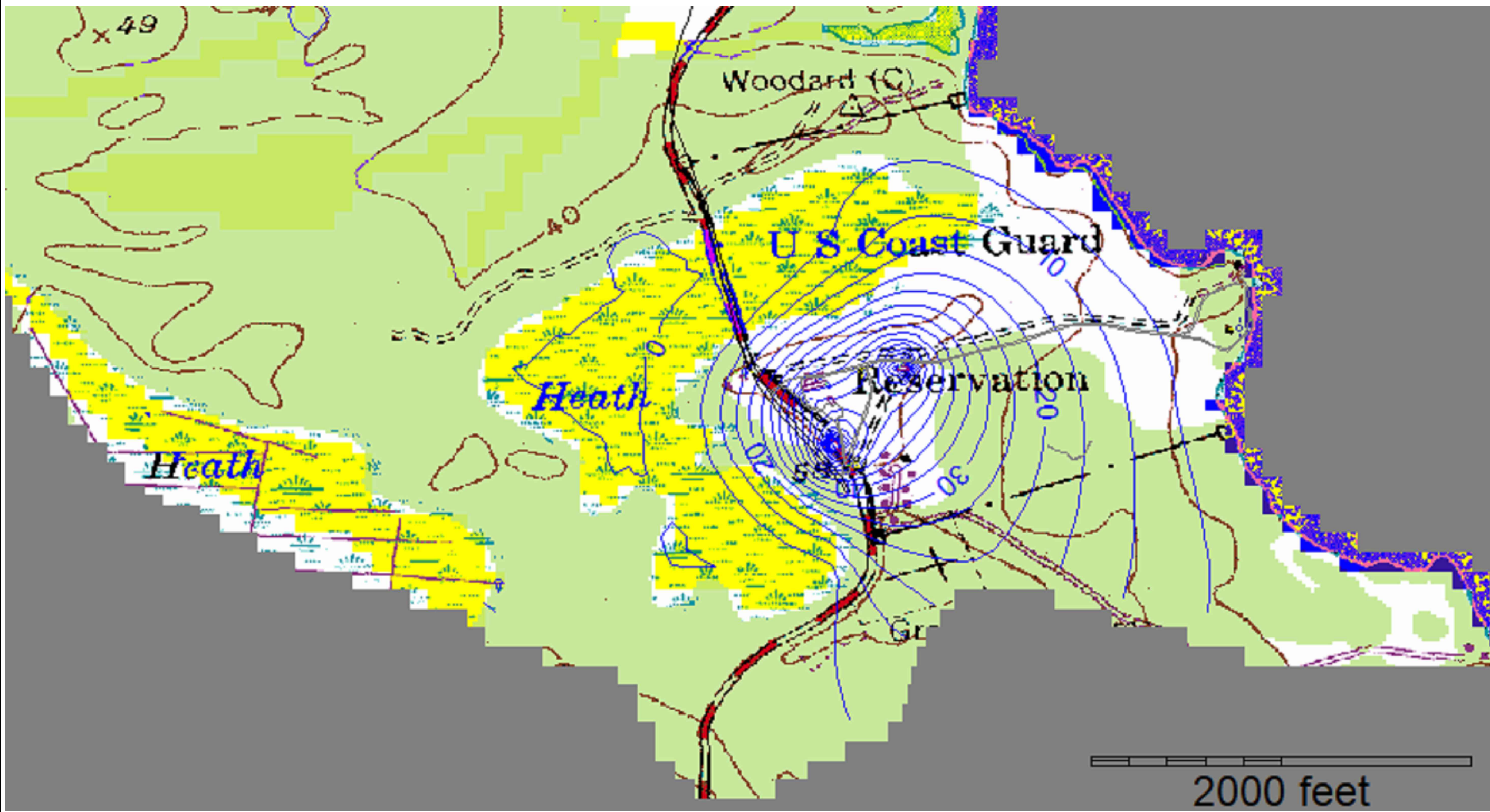
6

A

B

C

D



\\woodardcurran.net\shared\Projects\232754\02\Cumbr - Kingfish Zeeland\pDrawings\0232754_00-FIG0.dwg, Feb 23, 2021, 11:12am, MCMCEVITT

41 Hutchins Drive
Portland, Maine 04102
800.426.4262 | www.woodardcurran.com

WOODARD & CURRAN
COMMITMENT & INTEGRITY DRIVE RESULTS

THIS DOCUMENT IS THE PROPERTY OF WOODARD & CURRAN, INC. AND ITS CLIENT. REPRODUCTION OR MODIFICATION WITHOUT WRITTEN PERMISSION IS PROHIBITED.

REV	DESCRIPTION	DATE
DESIGNED BY: EC	CHECKED BY: EC	
DRAWN BY: MDCM		

**STEADY STATE PUMPING - 90 GPM
(DRAWDOWN CONTOURS)**

KINGFISH MAINE
KINGFISH MAINE RAS FACILITY
JONESPORT, MAINE

JOB NO. 232754.00
DATE: FEBRUARY, 2021
SCALE: N.T.S.
SHEET: OF

FIGURE 13

1

2

3

4

5

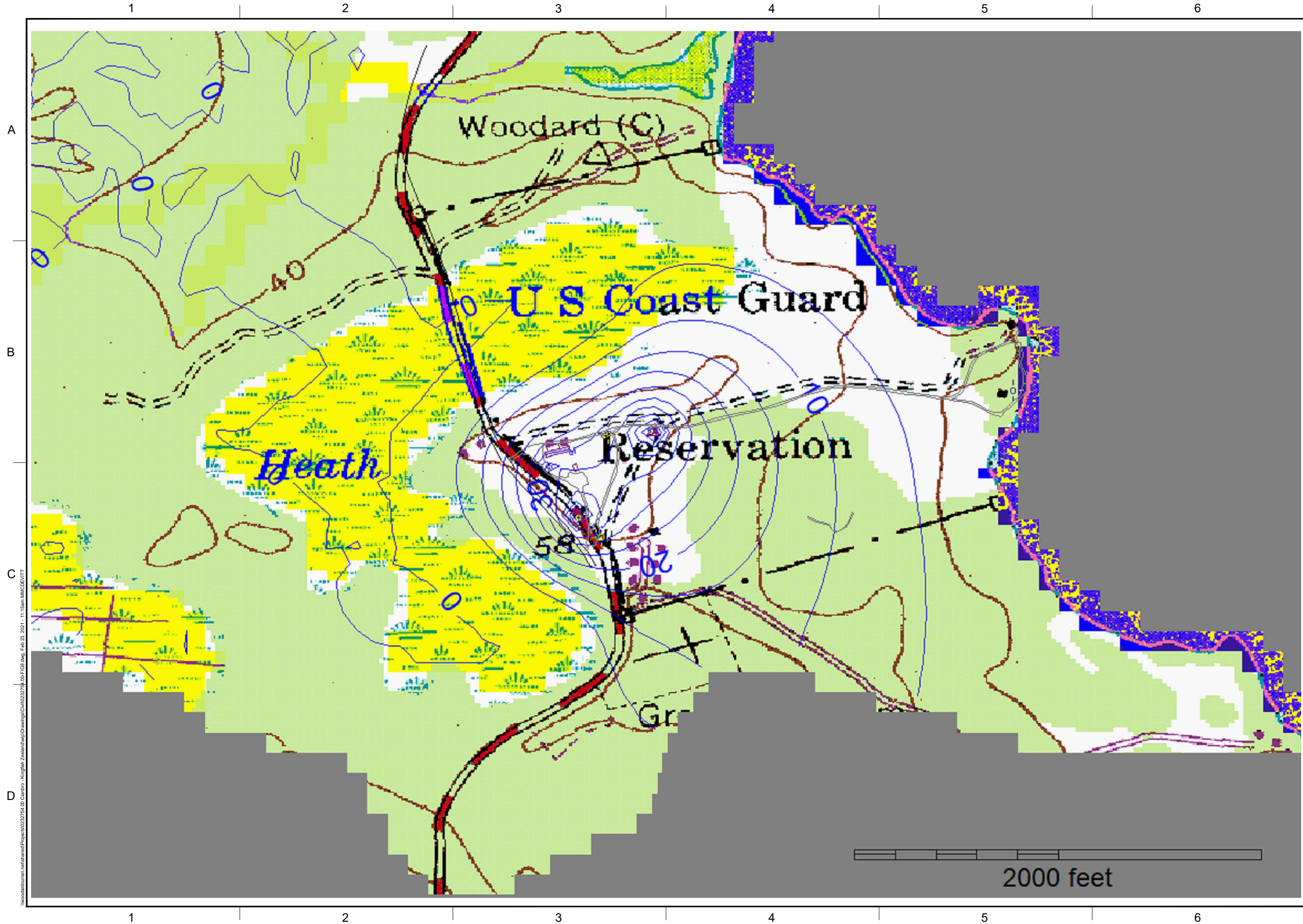
6

A

B

C

D



41 Hutchins Drive
Portland, Maine 04102
800.426.4262 | www.woodardcurran.com

WOODARD & CURRAN

COMMITMENT & INTEGRITY DRIVE RESULTS
THIS DOCUMENT IS THE PROPERTY OF WOODARD & CURRAN INC. AND ITS CLIENT. REPRODUCTION OR MODIFICATION WITHOUT WRITTEN PERMISSION IS PROHIBITED.

REV	DESCRIPTION	DATE
DESIGNED BY: EC	CHECKED BY: EC	
DRAWN BY: MDCM	DATE: 02/23/2021	

STEADY STATE PUMPING - 60 GPM
(DRAWDOWN CONTOURS)

KINGFISH MAINE
KINGFISH MAINE RAS FACILITY
JONESPORT, MAINE

JOB NO. 232754.00
DATE: FEBRUARY, 2021
SCALE: N.T.S.
SHEET: OF

FIGURE 14

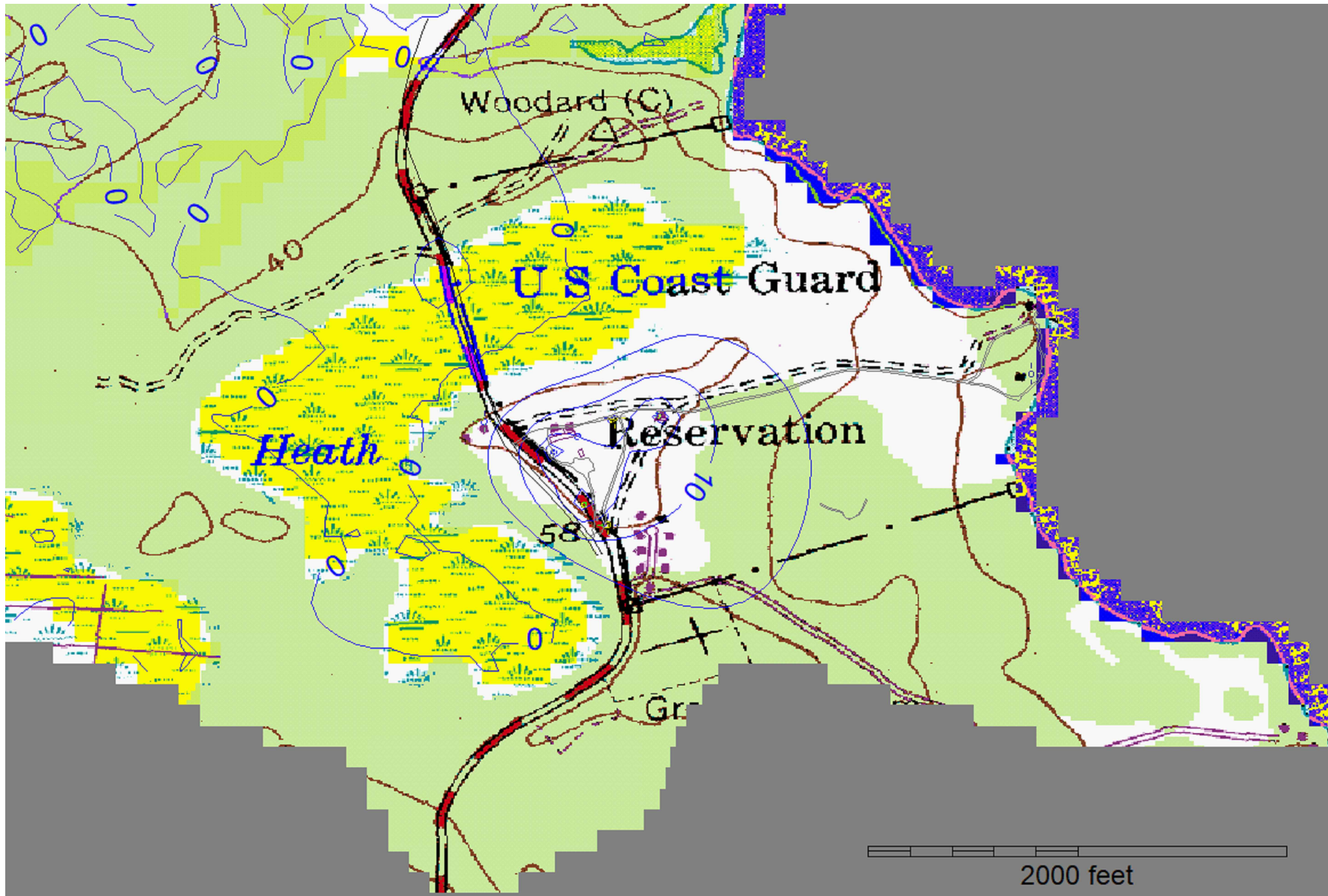
\\woodardcurran.net\shared\Projects\0232754.00\Cambro - Kingfish Zeeland\pDrawings\Civil\0232754_00-FIG09.dwg, Feb 23, 2021, 11:15am MMCCDEVITT

A

B

C

D



\\woodardcurran.net\shared\Projects\022754.00\Cambro - Kingfish Zeeland\pDrawings\Civil\022754_00-FIG9.dwg, Feb. 23, 2021, 11:11am MMCDDEVITT

41 Hutchins Drive
Portland, Maine 04102
800-426-4262 | www.woodardcurran.com

WOODARD & CURRAN

REV.	DESCRIPTION	DATE

DESIGNED BY: EC
CHECKED BY: EC
DRAWN BY: MDCM
UC23FDPS22.dwg

STEADY STATE PUMPING - 30 GPM
(DRAWDOWN CONTOURS)

KINGFISH MAINE

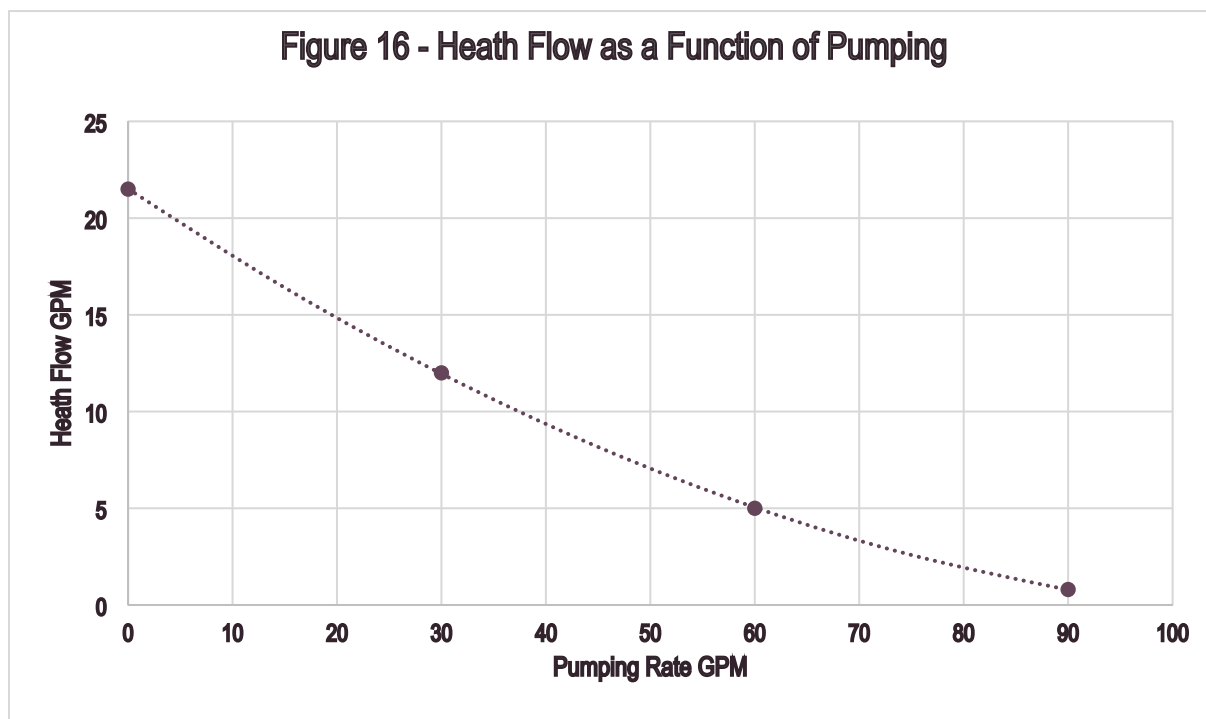
KINGFISH MAINE RAS FACILITY
JONESPORT, MAINE

JOB NO: 232754.00
DATE: FEBRUARY, 2021
SCALE: N.T.S.
SHEET: OF

FIGURE 15

5. SUMMARY AND RECOMMENDATIONS

The investigation has determined that wells installed at the Site are situated in the brecciated sedimentary rock zone associated with the Great Wass Granite and the Jonesport Gabbro. This unique setting allows for significant water production from the wells installed at the Site. The production rate and long-term sustainable yield determined during the pumping test was approximately 90 gpm. The groundwater modeling efforts indicated that production from the aquifer may potentially affect the heath adjacent to the Site by reduction in groundwater discharge to portions of the heath. The magnitude of the reductions likely related to the nature of the interconnectedness of the groundwater and surface water systems of the heath warrant additional monitoring. The groundwater modeling indicated heath impacts are reduced, as depicted in Figure 16 below, as pumping is reduced.



The following recommendations for activities designed to measure and mitigate potential effects on the heath and adjacent domestic wells are summarized below.

- Install piezometers in the Eastern and Western portions of the Heath to monitor groundwater levels pre- and during production.
- Install a weir in the north stream or establish a gauging transect, stream gauge, and develop a rating curve for the stream flow exiting the Eastern Heath from the northeast corner and monitor flows both pre- and during production. This stream is the primary discharge stream for the heath.
- Either obtain long-term access for monitoring the P-West domestic well or install a bedrock monitoring well in the northwest corner of the Site to monitor long-term water levels in the bedrock aquifer.

The above proposed monitoring activities would allow for safe production from the bedrock aquifer through management of pumping or infiltrating site runoff to prevent adverse effects on the adjacent domestic wells and nearby natural resources.

It is suggested that criteria be established that sets ecological or hydrologic constraints on the site and monitoring implemented to ensure those constraints are met during pumping. It is suggested that Kingfish request a starting pumping rate of no more than 30 gpm (one third of the aquifer yield) and compare pre-pumping monitoring data with pumping data to make sure the site constraints (pass by flows, water table data, etc.) are met. If at that time the data supports increased pumping, Kingfish should be allowed to petition for approval to increase pumping based on actual data collected.

APPENDIX A: BORING LOGS



START DATE:	<u>10/21/20</u>	BORING DEPTH (bgs):	<u>300'</u>	PAGE 1 of 2
EQUIPMENT:	<u>6" Air Rotary Drill Rig</u>	G.WATER DEPTH (bgs):	<u>Fractures noted below</u>	
DRILLER:	<u>Shannon Drilling</u>	WELL RATING (gpm):	<u>40</u>	
GEOLOGIST:	<u>J. Settembrino</u>	CASING LENGTH (ft):	<u>52</u>	

Depth	Drill speed (ft) (00:00)		Salinity Field Test*	Flow Measurement (gpm)	Field Description and Remarks (all measurements in bgs)
0'					
0-50	NA	NA	NA	NA	(0'-43') Overburden 43' bgs - 52' of casing installed, 9' into bedrock. <i>Had to clear through to 50' bgs to set casing with sufficient seal</i>
50-60	0-2	00:42	NS	NS	(50'-60') Pink Rock and Slurry
	2-4	00:39			
	4-6	00:43			
	6-8	00:40			
	8-10	00:41			
60-80	0-3	01:46	Fresh Water	2	(60'-72') Pink Slurry <i>Fracture between 65 and 75 ft</i> (72'-80') Medium grey slurry
	3-6	02:00			
	6-9	00:49			
	9-12	01:00			
	12-15	00:39			
80-100	15-20	01:30	NS	NS	(80'-100') Medium gray slurry
	0-3	03:04			
	3-6	02:00			
	6-9	02:00			
	9-12	02:00			
100-120	12-15	02:29	NS	NS	(100'-120') Dark grey rock and slurry
	15-20	03:04			
	0-3	01:23			
	3-6	01:28			
	6-9	01:50			
120-140	9-12	02:13	Fresh Water	25	(120-140') Dark grey rock and pink slurry <i>Fracture at 125 ft</i>
	12-15	02:38			
	15-20	02:23			
	0-3	02:00			
	3-6	02:10			
140-160	6-9	02:07	NS	NS	(140-152') Medium grey slurry (152'-160') Dark grey rock and slurry
	9-12	02:38			
	12-15	01:53			
	15-20	03:34			
	0-3	01:23			
160-180	3-6	02:00	NS	NS	(160'-180') Dark grey slurry
	6-9	02:06			
	9-12	02:30			
	12-15	02:16			
	15-20	02:19			
	0-3	02:34	NS	NS	
	3-6	02:49			
	6-9	02:40			
	9-12	02:02			
	12-15	02:41			
	15-20	04:05			

NS = Not Sampled

*Verified using a HACH CD-51 field titration test kit



START DATE:	10/21/2020	BORING DEPTH (bgs):	300'	PAGE 2 of 2
EQUIPMENT:	6" Air Rotary Drill Rig	G.WATER DEPTH (bgs):	Fractures noted below	
DRILLER:	Shannon Drilling	WELL RATING (gpm):	40	
GEOLOGIST:	J. Settembrino	CASING LENGTH (ft):	52	

Depth	Drill speed (ft) (00:00)	Salinity Field Test*	Flow Measurement (gpm)	Field Description and Remarks (all measurements in bgs)
180-200	0-3	NS	NS	(180'-192') Medium grey slurry (192'-200') Dark grey slurry
	3-6			
	6-9			
	9-12			
	12-15			
	15-20			
200-220	0-3	NS	NS	(200'-220') Dark grey slurry and rock
	3-6			
	6-9			
	9-12			
	12-15			
	15-20			
220-240	0-3	NS	NS	(220'-240') Dark grey slurry and rock
	3-6			
	6-9			
	9-12			
	12-15			
	15-20			
240-260	0-3	NS	NS	(240'-252') Slurry dark grey (252'-255') Slurry light grey with trace pink granite (255'-260') Medium grey rock and slurry
	3-6			
	6-9			
	9-12			
	12-15			
	15-20			
260-280	0-3	NS	NS	(260'-280') Dark grey slurry and rock
	3-6			
	6-9			
	9-12			
	12-15			
	15-20			
280-300	0-3	Fresh Water	40	(280'-300') Dark grey slurry and rock
	3-6			
	6-9			
	9-12			
	12-15			
	15-20			

NS = Not Sampled

*Verified using a HACH CD-51 field titration test kit



woodardcurran.com
 COMMITMENT & INTEGRITY DRIVE RESULTS

Site Notes: J. Settembrino onsite @ 7:45 am; Shannon Drilling (Chris) and Kingfish (Megan and Skip) onsite @ 8:20. Safety meeting conducted prior to work.

 Everyone offsite @ 16:32

Boring No.
 Well #2

START DATE: 10/20/20 BORING DEPTH (bgs): 360'
 EQUIPMENT: 6" Air Rotary Drill Rig G.WATER DEPTH (bgs) No large fractures were noted **PAGE**
 DRILLER: Shannon Drilling WELL RATING (gpm): 1 1 of 2
 GEOLOGIST: J. Settembrino CASING LENGTH (ft): 40

Depth	Drill speed (ft) (00:00)		Salinity Field Test*	Flow Measurement (gpm)	Field Description and Remarks (all measurements in bgs)
0'					
0-40	NA	NA	NA	NA	Overburden 34' bgs - 40' of casing installed, 6' into bedrock.
40-60	0-3	00:42	NS	NS	(40'-60') Slurry medium grey, with slight blue tone
	3-6	00:39			
	6-9	00:43			
	9-12	00:40			
	12-15	00:41			
60-80	15-20	1:02:62	NS	NS	(60'-70') Slurry medium grey, with slight blue tone (70'-78') Slurry medium grey - brown (78'-80') Slurry light grey
	0-3	00:45			
	3-6	00:38			
	6-9	00:40			
	9-12	00:41			
80-100	12-15	00:41	NS	NS	(80'-82') Slurry light grey (82'-86') Slurry medium grey (86'-100') Slurry dark grey
	15-20	00:59			
	0-3	02:25			
	3-6	02:20			
	6-9	02:10			
100-120	9-12	02:13	NS	NS	(100'-114') Slurry dark grey (114'-120') Slurry light grey
	12-15	02:10			
	15-20	02:59			
	0-3	02:05			
	3-6	02:20			
120-140	6-9	02:33	NS	NS	(120'-140') Slurry medium grey to brown
	9-12	02:13			
	12-15	01:49			
	15-20	01:53			
	0-3	01:4			
140-160	3-6	02:36	NS	NS	(140'-154') Slurry medium grey to brown (154'-160') Slurry medium grey
	6-9	02:42			
	9-12	02:46			
	12-15	02:17			
	15-20	03:39			
160-180	0-3	01:42	NS	NS	(160'-174') Slurry medium grey (174'-180') Slurry light grey
	3-6	01:47			
	6-9	02:12			
	9-12	01:48			
	12-15	02:08			
	15-20	03:24			

NS = Not Sampled

*Verified using a HACH CD-51 field titration test kit



START DATE:	<u>10/20/20</u>	BORING DEPTH (bgs):	<u>360'</u>	PAGE 2 of 2
EQUIPMENT:	<u>6" Air Rotary Drill Rig</u>	G.WATER DEPTH (bgs):	<u>No large fractures were noted</u>	
DRILLER:	<u>Shannon Drilling</u>	WELL RATING (gpm):	<u>1</u>	
GEOLOGIST:	<u>J. Settembrino</u>	CASING LENGTH (ft):	<u>40</u>	

Depth	Drill speed (ft) (00:00)	Salinity Field Test*	Flow Measurement (gpm)	Field Description and Remarks (all measurements in bgs)
180-200	0-3 02:56 3-6 02:44 6-9 02:57 9-12 02:33 12-15 02:51 15-20 03:41	NA	NA	(180'-191') Slurry light grey (191'-200') Slurry medium grey - brown
200-220	0-3 03:07 3-6 02:41 6-9 02:45 9-12 02:46 12-15 03:07 15-20 04:12	NS	NS	(200'-210') Slurry medium grey (210'-220') Slurry light grey
220-240	0-3 02:37 3-6 02:23 6-9 02:34 9-12 02:58 12-15 02:32 15-20 03:33	Fresh Water	5	(220'-231') Slurry light grey (231'-240') Slurry medium-dark grey
240-260	0-3 02:17 3-6 02:07 6-9 02:14 9-12 02:18 12-15 02:12 15-20 03:12	NS	NS	(240'-257') Slurry dark grey (257'-260') Slurry light grey
260-280	0-3 02:48 3-6 01:46 6-9 02:05 9-12 02:1 12-15 02:25 15-20 02:3	NS	NS	(260'-278') Slurry light grey slightly blue (278'-280') Slurry pink - red
280-300	0-3 02:32 3-6 02:35 6-9 02:42 9-12 02:59 12-15 02:22 15-20 03:36	NS	NS	(280'-282') Slurry pink - red (282'-300') Slurry medium grey
300-320	0-3 02:31 3-6 02:35 6-9 02:43 9-12 02:5 12-15 02:28 15-20 03:05	NS	NS	(300'-320') Slurry medium grey
320-340	0-3 03:16 3-6 02:41 6-9 02:55 9-12 02:46 12-15 02:56 15-20 02:52	NS	NS	(320'-334') Slurry medium grey (334'-340') Slurry medium grey slightly blue
340-360	0-3 03:28 3-6 03:06 6-9 02:01 9-12 01:49 12-15 02:20 15-20 03:54	Fresh Water	1	(340'-354') Slurry medium grey slightly blue (354'-360') Slurry medium grey slightly green

NS = Not Sampled

*Verified using a HACH CD-51 field titration test kit



START DATE:	<u>10/22/20</u>	BORING DEPTH (bgs):	<u>300'</u>	PAGE 1 of 2
EQUIPMENT:	<u>6" Air Rotary Drill Rig</u>	G. WATER DEPTH (bgs):	<u>No large fractures noted</u>	
DRILLER:	<u>Shannon Drilling</u>	WELL RATING (gpm):	<u>2.5</u>	
GEOLOGIST:	<u>J. Settembrino</u>	CASING LENGTH (ft):	<u>32'</u>	

Depth	Drill speed (ft) (00:00)		Salinity Field Test*	Flow Measurement (gpm)	Field Description and Remarks (all measurements in bgs)
0'					
0-40	NA	NA	NA	NA	(0-20') Overburden 23' bgs - 32' of casing installed, 6' into bedrock. <i>Had to clear through to 40' bgs to set casing with sufficient seal</i>
40-60	0-3	01:09	NS	NS	(40'-60') Slurry medium grey to brown slurry
	3-6	01:10			
	6-9	01:07			
	9-12	01:11			
	12-15	01:09			
60-80	15-20	1:58	NS	NS	(60'-62') Pink and grey slurry (62'-80') Medium grey-brown slurry
	0-3	01:48			
	3-6	01:42			
	6-9	01:10			
	9-12	01:15			
80-100	12-15	01:15	NS	NS	(80'-92') Medium grey-brown slurry (92'-95') Pink slurry (95'-100') Medium grey-brown slurry
	15-20	02:22			
	0-3	02:07			
	3-6	01:24			
	6-9	01:10			
100-120	9-12	01:01	NS	NS	(100'-110') Medium grey-brown slurry (110'-120') Dark pink slurry
	12-15	01:12			
	15-20	01:23			
	0-3	01:46			
	3-6	01:11			
120-140	6-9	01:12	NS	NS	(120'-123') Dark pink slurry (123'-128') Dark grey slurry and rock (128'-140') Grey and pink slurry
	9-12	01:10			
	12-15	01:04			
	15-20	01:31			
	0-3	01:57			
140-160	3-6	01:30	NS	NS	(140'-160') Dark grey slurry
	6-9	01:41			
	9-12	01:22			
	12-15	01:18			
	15-20	02:41			
160-180	0-3	03:05	NS	NS	(160'-168') Dark grey slurry and rock (168'-180') Dark grey and pink slurry
	3-6	01:55			
	6-9	01:31			
	9-12	01:46			
	12-15	01:39			
	15-20	03:18	NS	NS	
	0-3	02:35			
	3-6	01:42			
	6-9	01:45			
	9-12	01:23			
	12-15	02:05			
	15-20	02:59			

*Verified using a HACH CD-51 field titration test kit



START DATE:	<u>10/22/20</u>	BORING DEPTH (bgs):	<u>300'</u>	PAGE 2 of 2
EQUIPMENT:	<u>6" Air Rotary Drill Rig</u>	G. WATER DEPTH (bgs):	<u>No large fractures were noted</u>	
DRILLER:	<u>Shannon Drilling</u>	WELL RATING (gpm):	<u>2.5</u>	
GEOLOGIST:	<u>J. Settembrino</u>	CASING LENGTH (ft):	<u>32</u>	

Depth	Drill speed		Salinity Field Test*	Flow Measurement (gpm)	Field Description and Remarks (all measurements in bgs)
	(ft)	(00:00)			
180-200	0-3	02:00	Fresh Water	2.5	(180-191') Slurry light grey (191-200') Slurry medium grey - brown
	3-6	01:24			
	6-9	01:52			
	9-12	01:58			
	12-15	02:27			
	15-20	02:37			
200-220	0-3	02:26	NS	NS	(200'-209') Dark grey slurry (209'-216') Pink-grey Slurry (216'-220') Medium grey slurry
	3-6	02:28			
	6-9	01:20			
	9-12	01:52			
	12-15	01:48			
	15-20	02:38			
220-240	0-3	02:04	NS	NS	(220'-240') Dark grey slurry
	3-6	01:49			
	6-9	01:51			
	9-12	01:22			
	12-15	01:47			
	15-20	02:03			
240-260	0-3	01:55	NS	NS	Stopped at 17:08. Restarted on 10/23/2020 at 08:15 (240'-260') Dark Grey Slurry
	3-6	01:32			
	6-9	01:38			
	9-12	01:37			
	12-15	02:27			
	15-20	03:28			
260-280	0-3	02:27	NS	NS	(260'-262') Dark grey slurry (262'-280') Medium grey-brown slurry
	3-6	03:05			
	6-9	03:22			
	9-12	02:47			
	12-15	02:39			
	15-20	04:20			
280-300	0-3	02:31	Fresh Water	2.5	(280'-300') Dark grey rock and slurry
	3-6	02:09			
	6-9	02:46			
	9-12	03:45			
	12-15	03:14			
	15-20	04:35			

NS = Not Sampled

*Verified using a HACH CD-51 field titration test kit



START DATE:	<u>10/24/2020</u>	BORING DEPTH (bgs):	<u>220'</u>	PAGE 1 of 2
EQUIPMENT:	<u>6" Air Rotary Drill Rig</u>	G.WATER DEPTH (bgs):	<u>Fractures noted below</u>	
DRILLER:	<u>Shannon Drilling</u>	WELL RATING (gpm):	<u>75</u>	
GEOLOGIST:	<u>J. Settembrino</u>	CASING LENGTH (ft):	<u>28</u>	

Depth	Drill speed (ft) (00:00)	Salinity Field Test*	Flow Measurement (gpm)	Field Description and Remarks (all measurements in bgs)
0'				
0-30	NA NA	NA	NA	Overburden 18' bgs - 28' of casing installed, 10' into bedrock
30-40	0-2 1.54 2-4 1.02 4-6 1.21 6-8 1.56 8-10 1.43	NS	NS	(30'-34') Dark grey slurry (34'-38') Pink slurry (38'-40') Medium grey slurry
40-60	0-3 02:27 3-6 02:25 6-9 02:24 9-12 02:36 12-15 02:31 15-20 03:15	NS	NS	(40'-50') Medium grey slurry (50'-60') Grey-blue slurry
60-80	0-3 01:47 3-6 02:16 6-9 02:11 9-12 02:54 12-15 02:49 15-20 03:53	NS	NS	(60'-62') Grey-blue slurry (62'-80') Dark grey slurry
80-100	0-3 02:07 3-6 02:04 6-9 02:30 9-12 02:34 12-15 02:21 15-20 03:46	NS	NS	(80'-100') Dark grey slurry
100-120	0-3 02:17 3-6 02:05 6-9 02:18 9-12 01:59 12-15 02:16 15-20 03:17	NS	NS	(100'-120') Dark grey slurry
120-140	0-3 02:09 3-6 02:42 6-9 01:4 9-12 02:26 12-15 02:00 15-20 03:24	Fresh Water	Couldn't dam, not enough material. Driller estimate 50	(120'-132') Dark grey slurry Fracture at 132 ft bgs (132'-134') Pink slurry (134'-140') dark grey slurry
140-160	0-3 02:56 3-6 02:34 6-9 02:45 9-12 02:14 12-15 02:57 15-20 03:22	NS	NS	(140'-160') Dark grey slurry
160-180	0-3 03:25 3-6 02:52 6-9 02:45 9-12 03:14 12-15 03:14 15-20 05:44	NS	NS	(160'-180') Dark grey slurry

NS = Not Sampled

*Verified using a HACH CD-51 field titration test kit



woodardcurran.com
 COMMITMENT & INTEGRITY DRIVE RESULTS

Kingfish 0232754

Everyone offsite at 14:25

Boring No.
Well #3

START DATE:	<u>10/24/2020</u>	BORING DEPTH (bgs):	<u>220'</u>	PAGE 2 of 2
EQUIPMENT:	<u>6" Air Rotary Drill Rig</u>	G. WATER DEPTH (bgs):	<u>Fractures noted below</u>	
DRILLER:	<u>Shannon Drilling</u>	WELL RATING (gpm):	<u>75</u>	
GEOLOGIST:	<u>J. Settembrino</u>	CASING LENGTH (ft):	<u>28</u>	

Depth	Drill speed		Salinity Field Test*	Flow Measurement (gpm)	Field Description and Remarks (all measurements in bgs)
	(ft)	(00:00)			
180-200	0-3	03:29	NS	NS	(180'-200') Dark grey slurry
	3-6	03:08			
	6-9	03:02			
	9-12	03:16			
	12-15	03:38			
	15-20	05:14			
200-220	0-3	03:27	Fresh Water	Couldn't dam, not enough material. Driller estimate 75	(200'-220') Dark grey slurry
	3-6	03:06			
	6-9	03:04			
	9-12	03:00			
	12-15	03:30			
	15-20	05:17			

NS = Not Sampled

*Verified using a HACH CD-51 field titration test kit



START DATE:	<u>10/23/20</u>	BORING DEPTH (bgs):	<u>320'</u>	PAGE 1 of 2
EQUIPMENT:	<u>6" Air Rotary Drill Rig</u>	G.WATER DEPTH (bgs):	<u>Fractures noted below</u>	
DRILLER:	<u>Shannon Drilling</u>	WELL RATING (gpm):	<u>30</u>	
GEOLOGIST:	<u>J. Settembrino</u>	CASING LENGTH (ft):	<u>40</u>	

Depth	Drill speed (ft) (00:00)		Salinity Field Test*	Flow Measurement (gpm)	Field Description and Remarks (all measurements in bgs)
0'					
0-40	NA	NA	NA	NA	Overburden 33' bgs - 40' of casing installed, 7' into bedrock.
40-60	0-3	01:52	NS	NS	(40'-58') Medium grey slurry (58'-60') Grey-brown slurry
	3-6	01:57			
	6-9	02:03			
	9-12	02:11			
	12-15	02:12			
60-80	15-20	02:43	Fresh Water	2 gpm	(60'-66') Grey-brown slurry (66'-73') Medium grey slurry <i>Fracture at 70 ft bgs</i> (73'-76') Pink slurry (76'-80') Medium grey slurry
	0-3	02:03			
	3-6	01:45			
	6-9	01:47			
	9-12	02:18			
80-100	12-15	01:38	NS	NS	(80'-100') Medium gray slurry
	15-20	02:17			
	0-3	01:34			
	3-6	01:42			
	6-9	01:43			
100-120	9-12	01:58	NS	NS	(100'-120') Medium grey rock and slurry
	12-15	01:26			
	15-20	02:44			
	0-3	01:27			
	3-6	01:29			
120-140	6-9	01:25	NS	NS	(120'-140') Medium grey slurry
	9-12	01:28			
	12-15	01:41			
	15-20	03:01			
	0-3	02:19			
140-160	3-6	01:44	NS	NS	(140'-160') Dark grey slurry
	6-9	02:09			
	9-12	02:19			
	12-15	02:20			
	15-20	04:14			
160-180	0-3	02:26	NS	NS	(160'-180') Dark grey slurry
	3-6	02:31			
	6-9	02:39			
	9-12	03:03			
	12-15	02:30			
	15-20	02:47	NS	NS	
	0-3	02:32			
	3-6	03:12			
	6-9	02:54			
	9-12	02:49			
	12-15	02:42			
	15-20	03:51			

NS = Not Sampled

*Verified using a HACH CD-51 field titration test kit

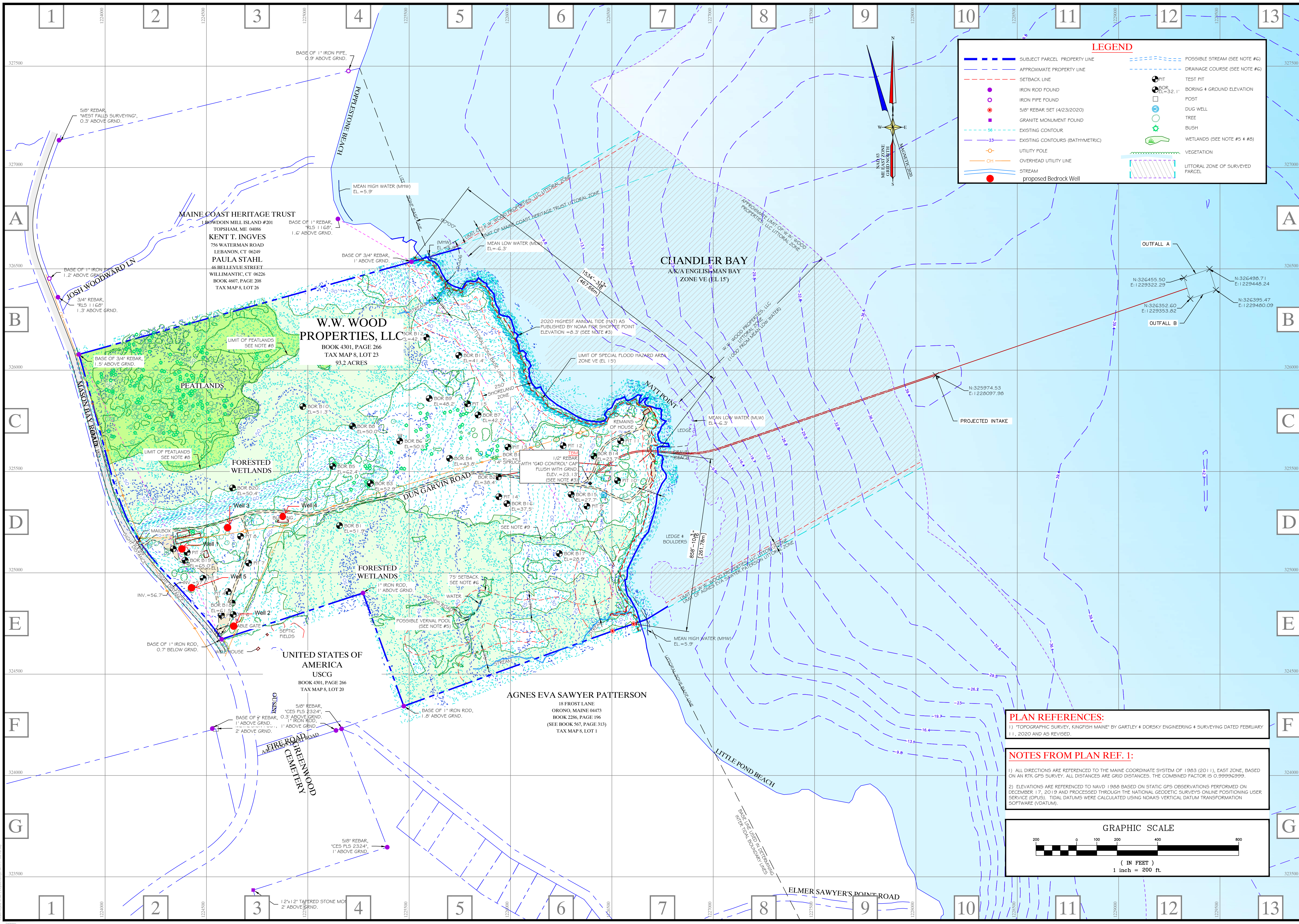


START DATE:	<u>10/23/20</u>	BORING DEPTH (bgs):	<u>320'</u>	PAGE 2 of 2
EQUIPMENT:	<u>6" Air Rotary Drill Rig</u>	G. WATER DEPTH (bgs):	<u>Fractures noted below</u>	
DRILLER:	<u>Shannon Drilling</u>	WELL RATING (gpm):	<u>30</u>	
GEOLOGIST:	<u>J. Settembrino</u>	CASING LENGTH (ft):	<u>40</u>	

Depth	Drill speed		Salinity Field Test*	Flow Measurement (gpm)	Field Description and Remarks (all measurements in bgs)
	(ft)	(00:00)			
180-200	0-3	02:21	NS	NS	(180'-200') Dark grey slurry
	3-6	01:51			
	6-9	02:10			
	9-12	01:33			
	12-15	01:47			
	15-20	03:04			
200-220	0-3	02:05	NS	NS	(200'-220') Dark grey slurry
	3-6	01:39			
	6-9	02:00			
	9-12	03:16			
	12-15	02:56			
	15-20	04:18			
220-240	0-3	02:52	NS	Ns	(220'-240') Dark grey slurry
	3-6	02:24			
	6-9	02:33			
	9-12	02:32			
	12-15	02:41			
	15-20	03:57			
240-260	0-3	02:14	NS	NS	(240'-260') Dark grey slurry
	3-6	02:01			
	6-9	02:45			
	9-12	03:29			
	12-15	03:17			
	15-20	04:33			
260-280	0-3	03:10	NS	NS	(260'-280') Dark grey slurry
	3-6	02:19			
	6-9	03:13			
	9-12	02:52			
	12-15	02:37			
	15-20	04:24			
280-300	0-3	01:51	Fresh Water	25	(280'-290') Dark grey slurry Fracture at 290 ft bgs (290'-292') pink slurry (292'-300') Dark grey slurry and rock
	3-6	01:42			
	6-9	02:30			
	9-12	02:41			
	12-15	01:37			
	15-20	03:41			
300-320	0-3	02:12	Fresh Water	30	Stopped and restarted on 10/24/2020 (300'-303') Dark grey slurry (303'-306') Pink slurry (306'-320') Medium grey slurry
	3-6	02:25			
	6-9	02:33			
	9-12	02:01			
	12-15	02:56			
	15-20	04:01			

NS = Not Sampled

*Verified using a HACH CD-51 field titration test kit

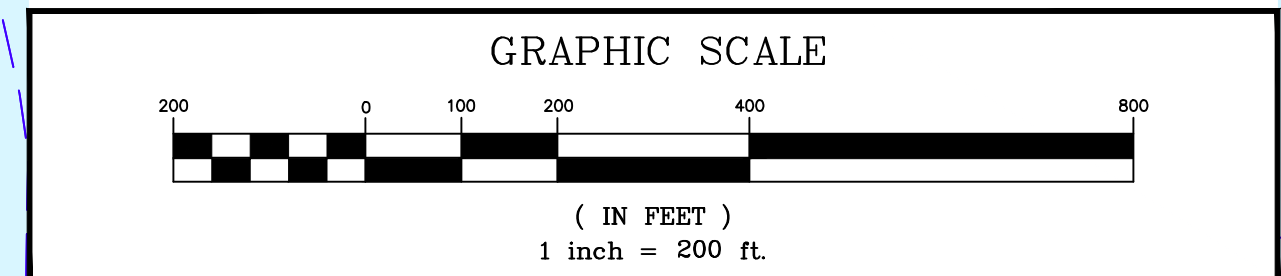


LEGEND

	SUBJECT PARCEL PROPERTY LINE		POSSIBLE STREAM (SEE NOTE #4)
	APPROXIMATE PROPERTY LINE		DRAINAGE COURSE (SEE NOTE #6)
	SETBACK LINE		TEST PIT
	IRON ROD FOUND		BORING + GROUND ELEVATION
	IRON PIPE FOUND		POST
	5/8" REBAR SET (4/23/2020)		DUG WELL
	GRANITE MONUMENT FOUND		TREE
	EXISTING CONTOUR		BUSH
	EXISTING CONTOURS (BATHYMETRIC)		WETLANDS (SEE NOTE #5 & #8)
	UTILITY POLE		VEGETATION
	OVERHEAD UTILITY LINE		LITTORAL ZONE OF SURVEYED PARCEL
	STREAM		
	PROPOSED BEDROCK WELL		

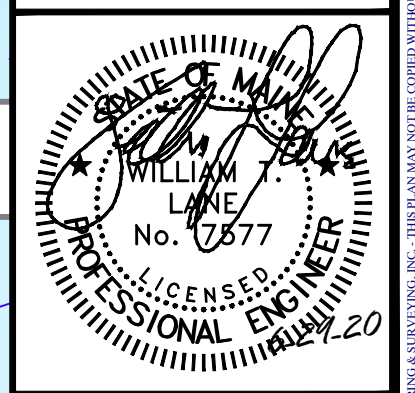
PLAN REFERENCES:
 1) "TOPOGRAPHIC SURVEY, KINGFISH MAINE" BY GARTLEY & DORSKY ENGINEERING & SURVEYING DATED FEBRUARY 11, 2020 AND AS REVISED.

NOTES FROM PLAN REF. 1:
 1) ALL DIRECTIONS ARE REFERENCED TO THE MAINE COORDINATE SYSTEM OF 1983 (2011), EAST ZONE, BASED ON AN RTK GPS SURVEY. ALL DISTANCES ARE GRID DISTANCES. THE COMBINED FACTOR IS 0.99996999.
 2) ELEVATIONS ARE REFERENCED TO NAVD 1988 BASED ON STATIC GPS OBSERVATIONS PERFORMED ON DECEMBER 17, 2019 AND PROCESSED THROUGH THE NATIONAL GEODETIC SURVEY'S ONLINE POSITIONING USER SERVICE (OPUS). TIDAL DATUMS WERE CALCULATED USING NOAA'S VERTICAL DATUM TRANSFORMATION SOFTWARE (VDATUM).



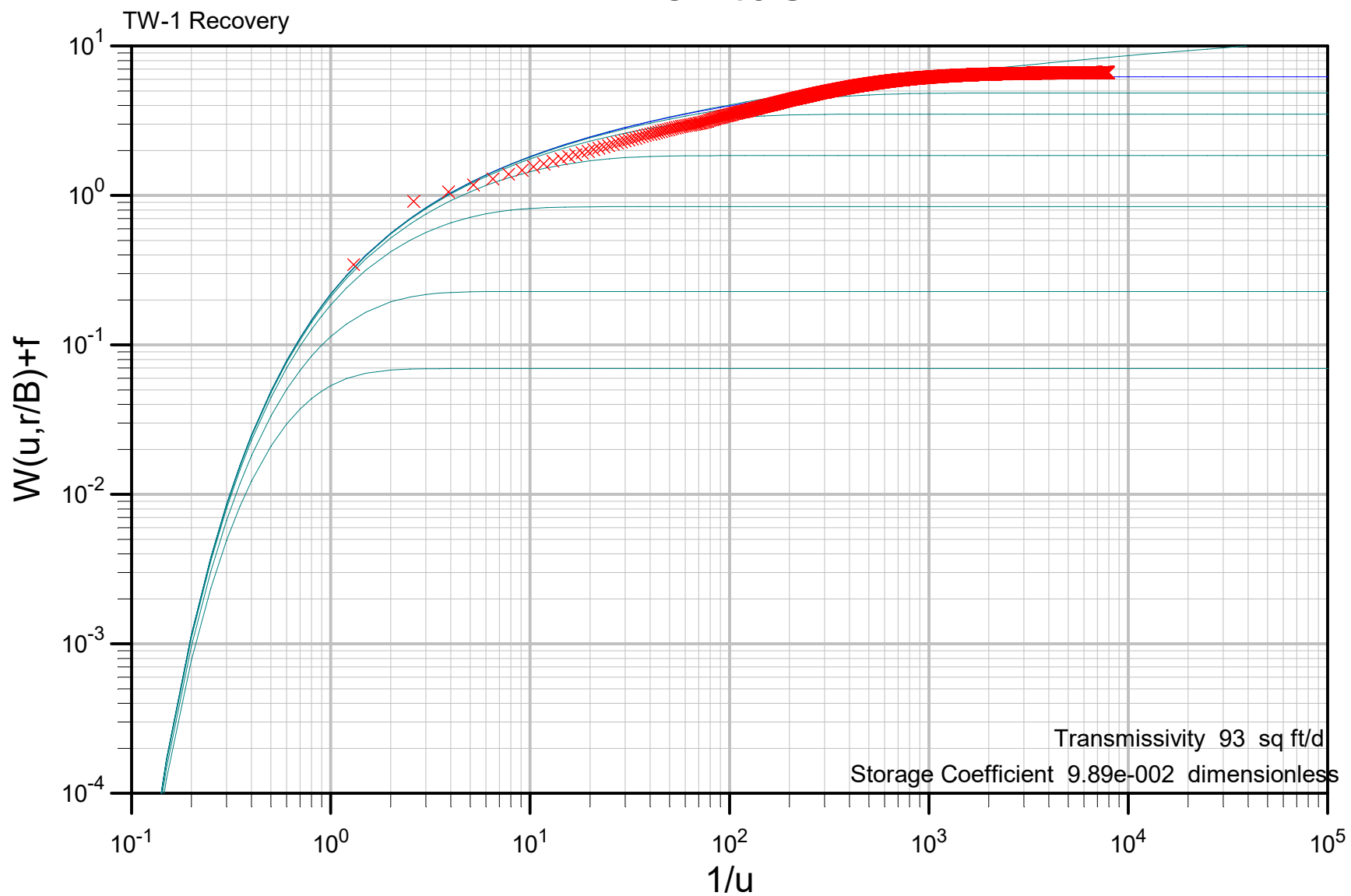
DATE	
REVISIONS	
NO.	
DRAWN BY: JAM	
CHECKED BY:	
DATE: JUNE 29, 2020	
SCALE: 1" = 200'	
LOCATION: ROUTE 187	
TOWN: JONESPORT COUNTY: WASHINGTON STATE: MAINE	
CLIENT/PROJECT: KINGFISH MAINE	
SHEET TITLE: EXHIBIT 2	
PROJ. NO. 2019-412	
EX2	

Gartley & Dorsky
 ENGINEERING SURVEYING
 59 Union Street, Unit 1, P.O. Box 1031 Camden, ME 04843-1031
 Ph (207) 236-4365 Fax (207) 236-3055 Toll Free 1-888-282-4365
 165 Main Street, Suite 212 P.O. Box 1072 Dunsmuir, Maine 04543
 Ph (207) 790-5005

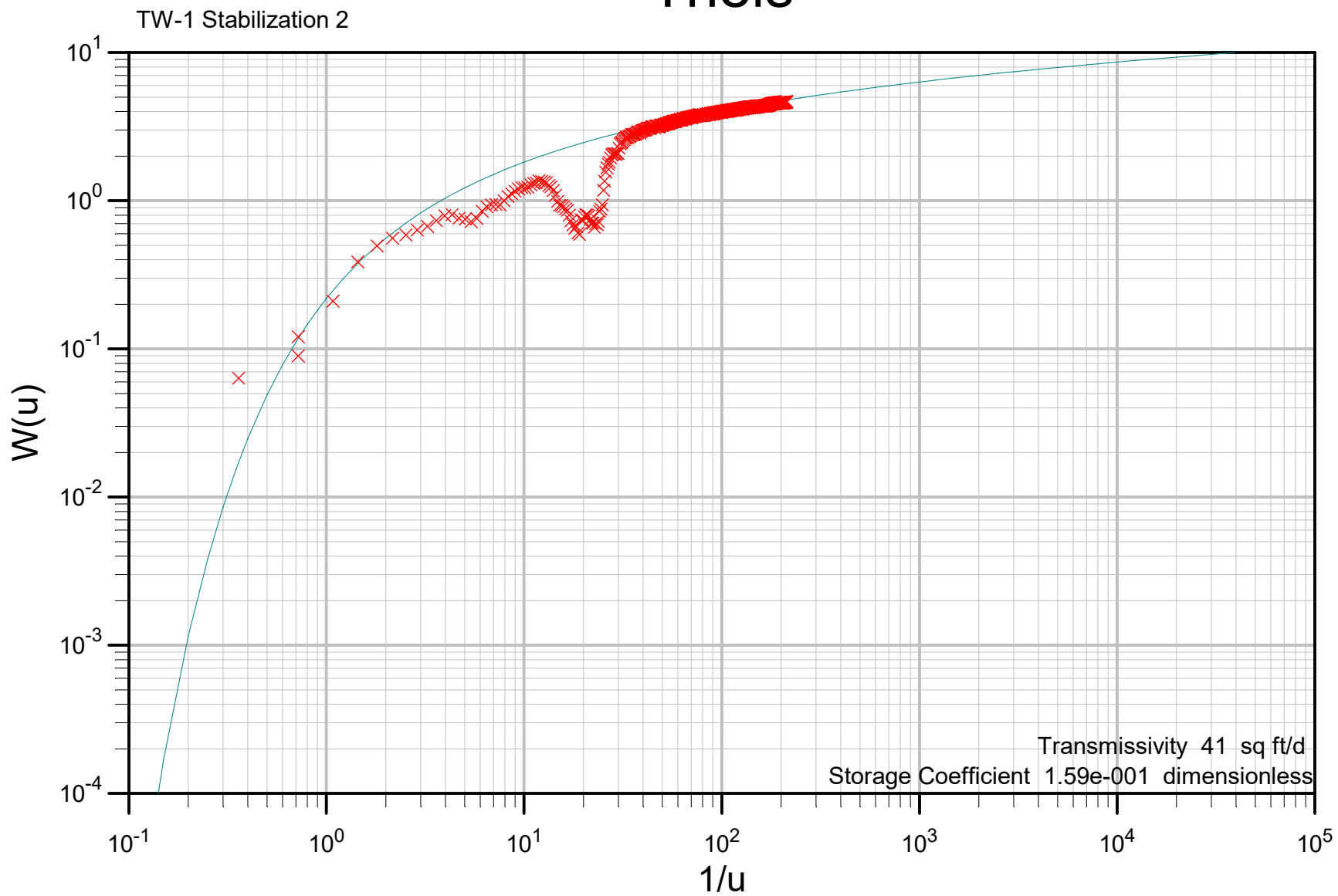


APPENDIX B: CURVE MATCHES

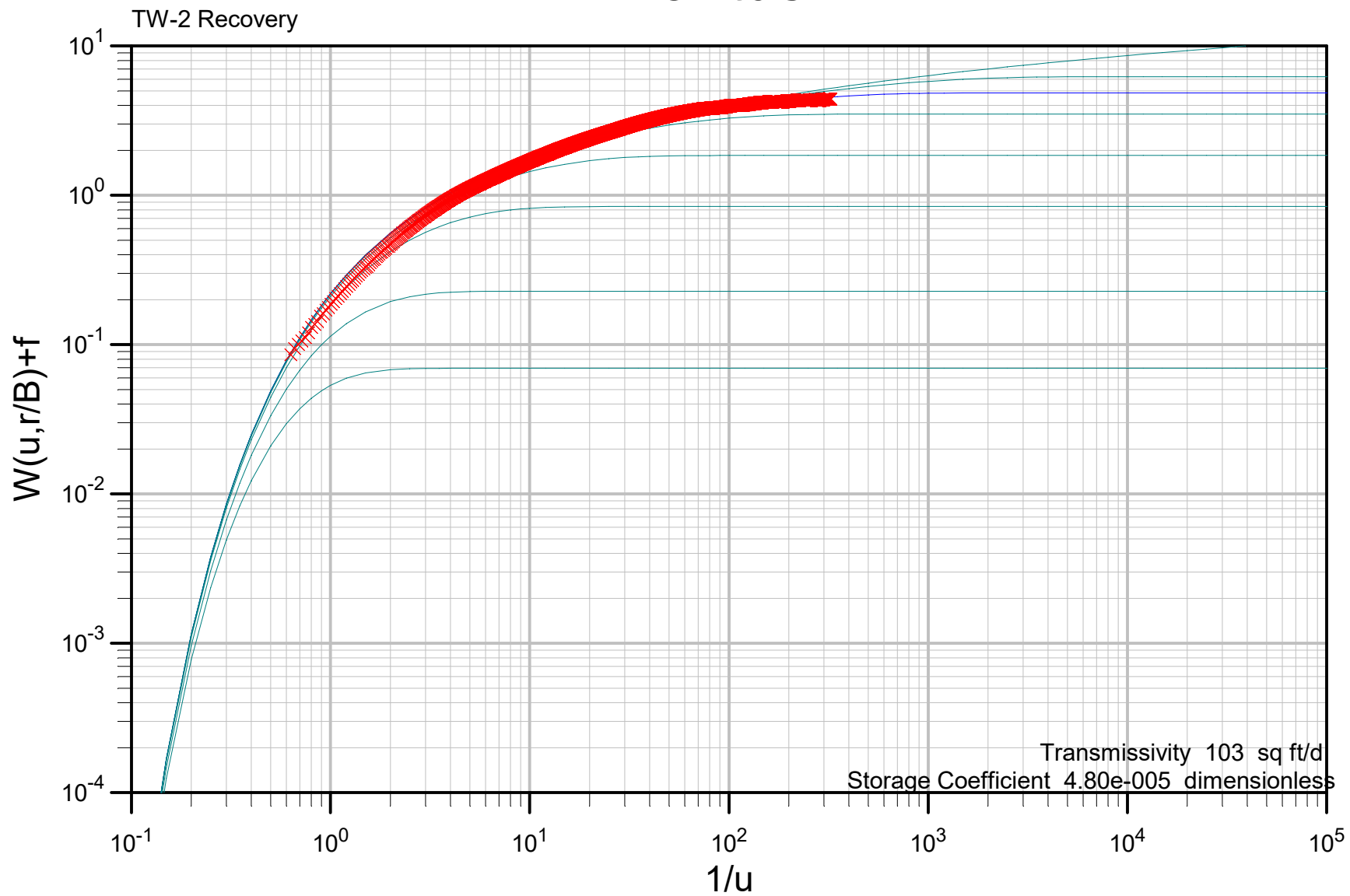
Hantush



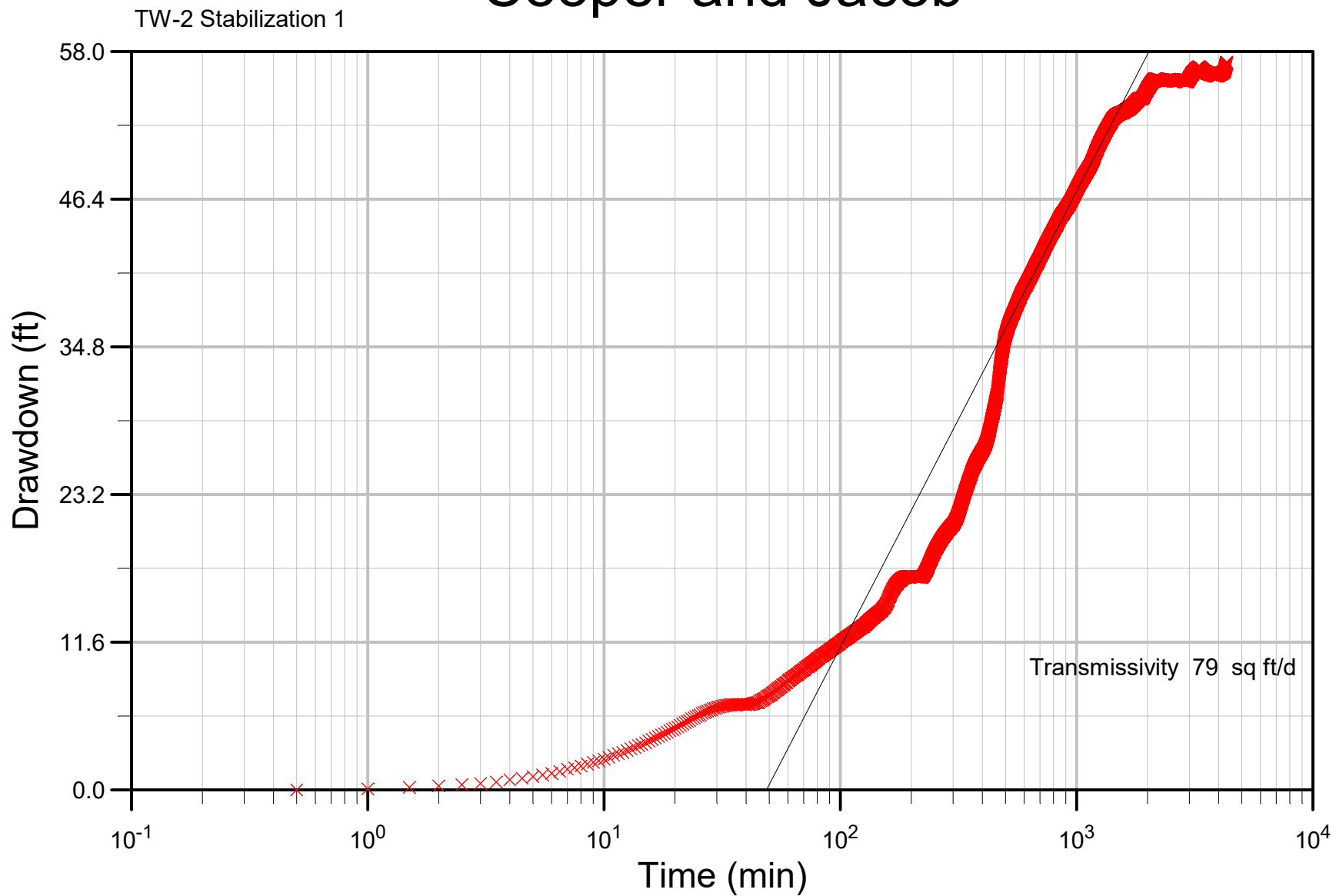
Theis



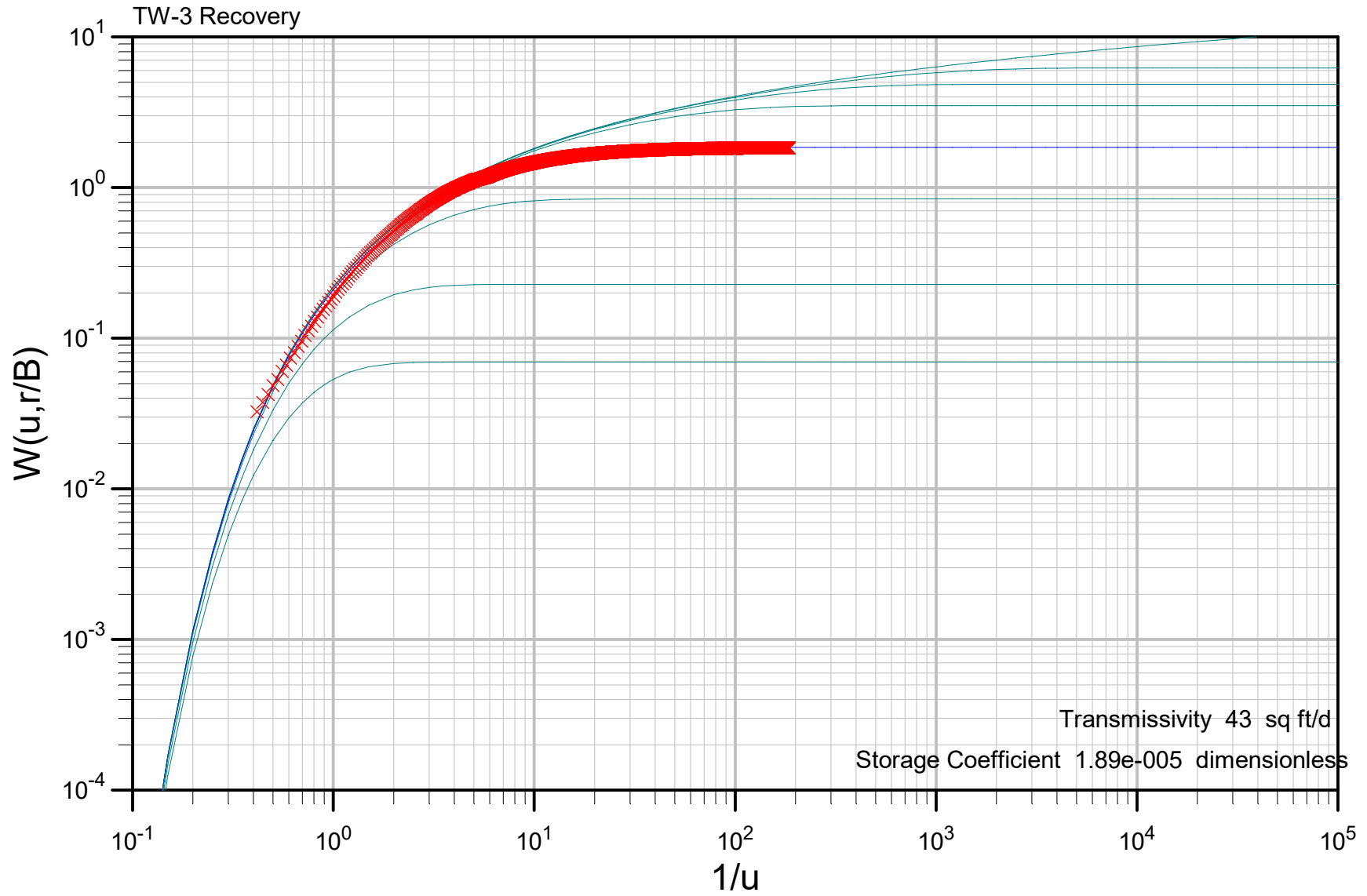
Hantush



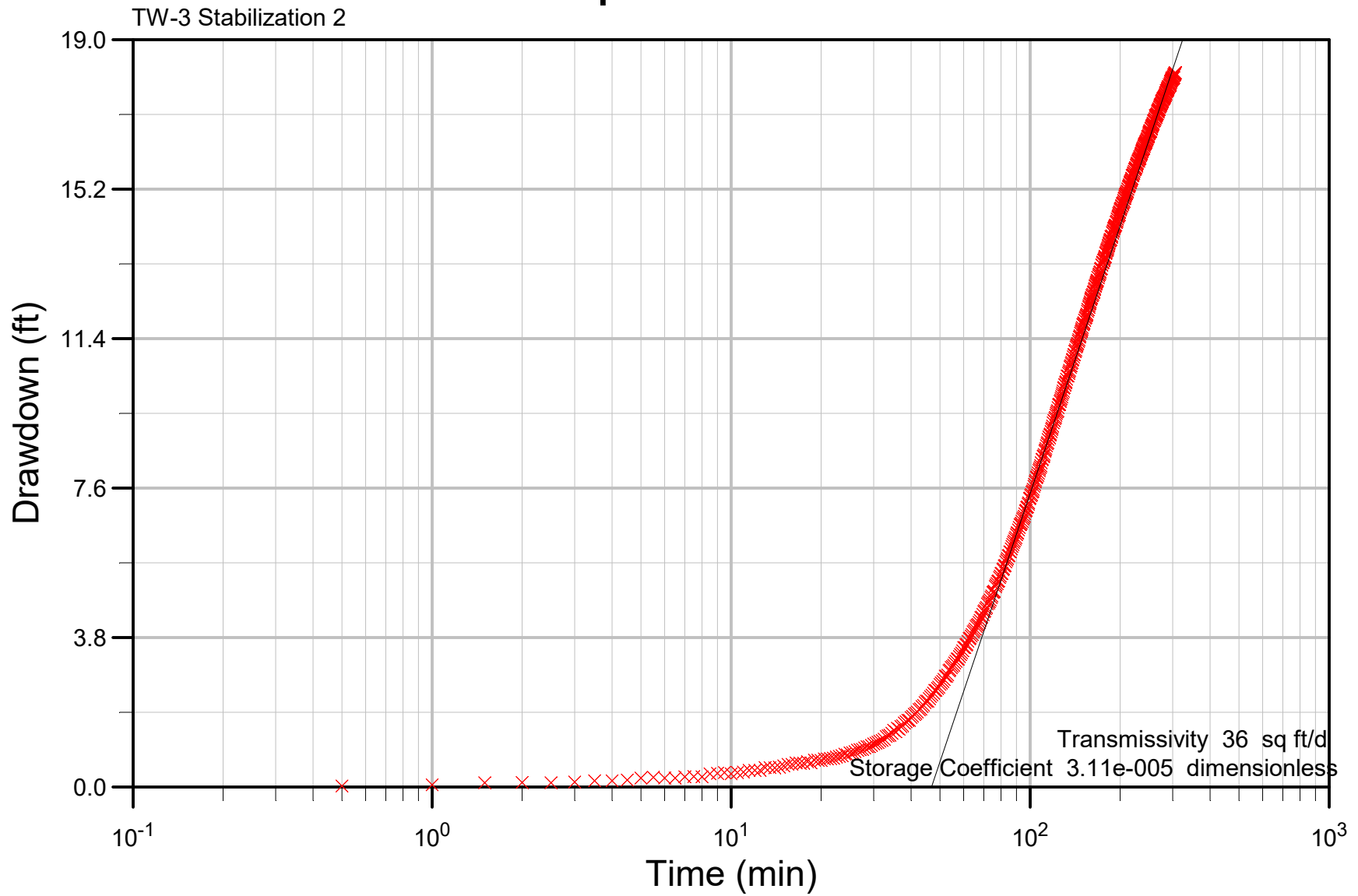
Cooper and Jacob



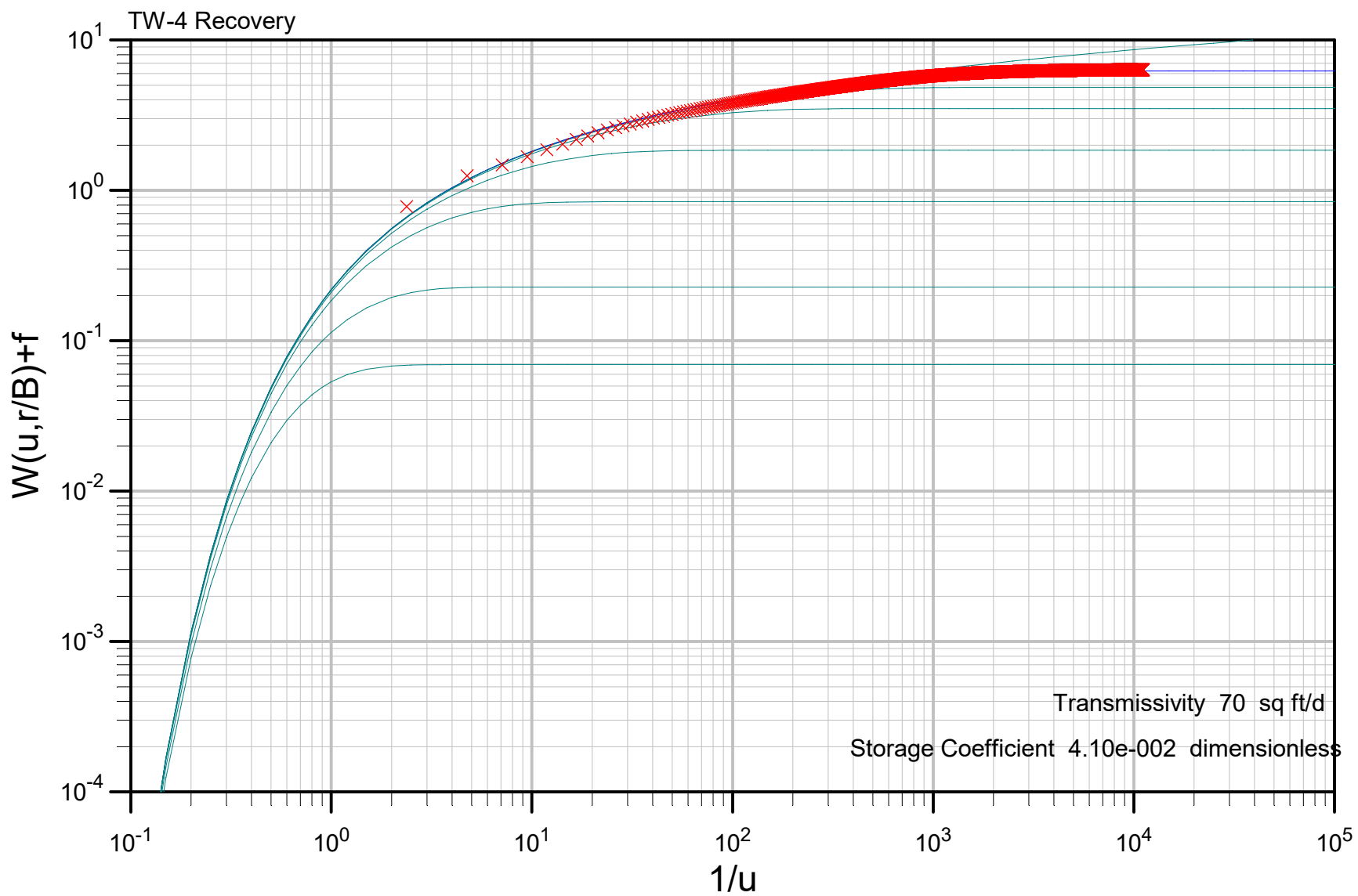
Hantush



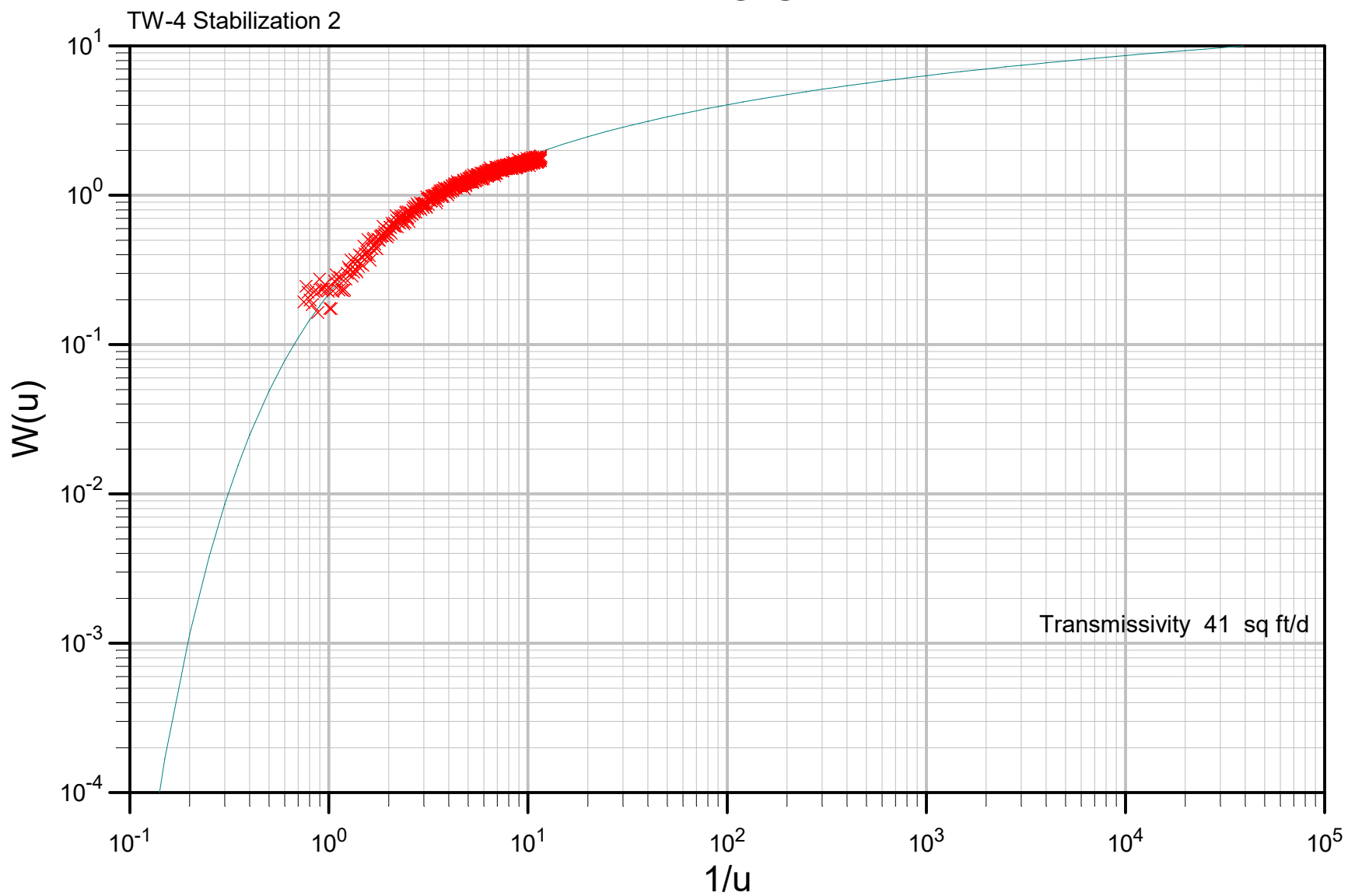
Cooper and Jacob



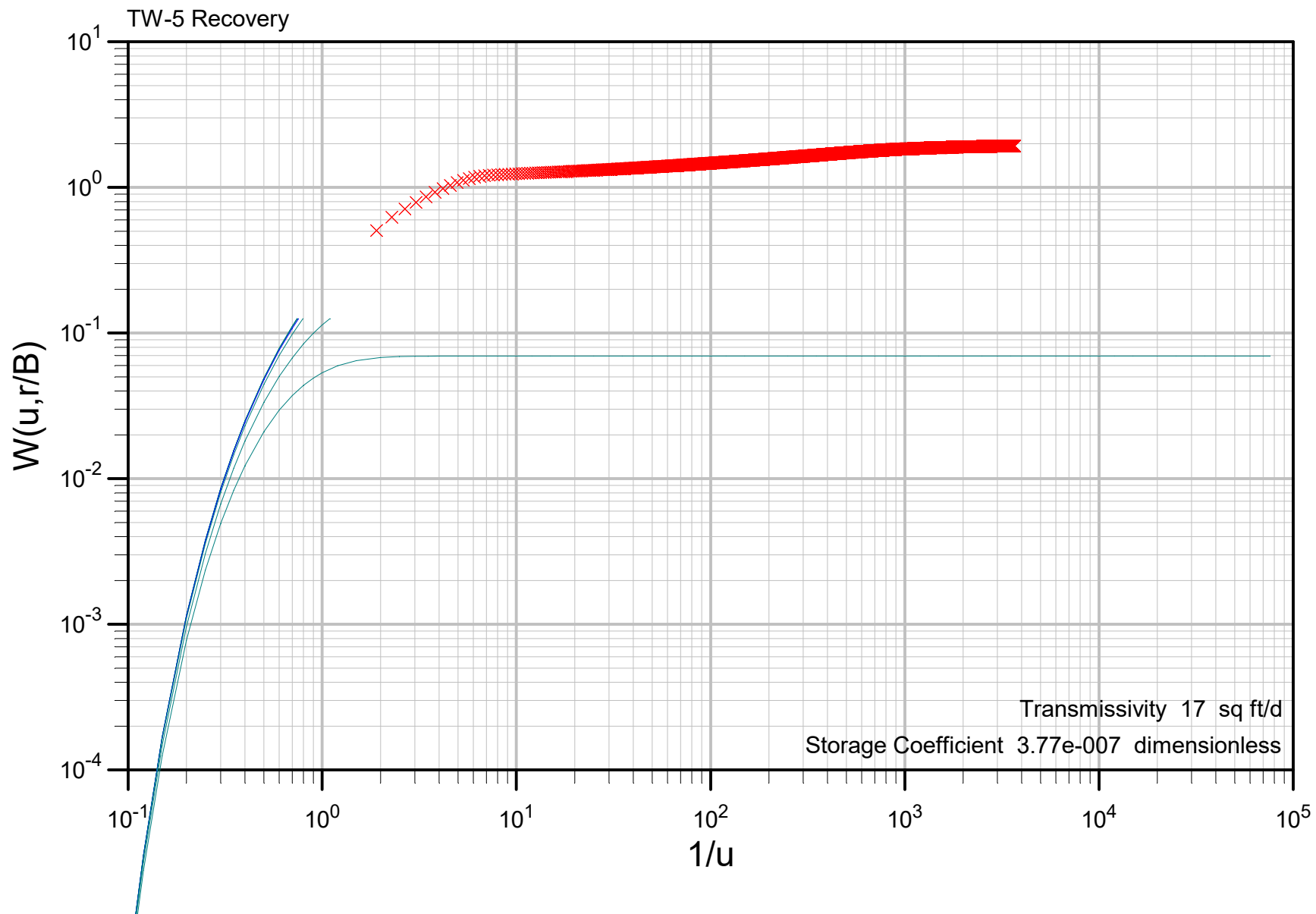
Hantush



Theis



Hantush



APPENDIX C: WATER QUALITY LABORATORY REPORTS



ANALYTICAL REPORT

Lab Number:	L2101121
Client:	Woodard & Curran 41 Hutchins Drive Portland, ME 04102
ATTN:	Julie Settembrino
Phone:	(207) 558-4261
Project Name:	KINGFISH PUMP TEST
Project Number:	Not Specified
Report Date:	01/26/21

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0574), IL (200077), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #P330-17-00196).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com



Project Name: KINGFISH PUMP TEST
Project Number: Not Specified

Lab Number: L2101121
Report Date: 01/26/21

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2101121-01	WELL 1	DW	JONESPORT, ME	01/08/21 12:40	01/08/21
L2101121-02	WELL 4	DW	JONESPORT, ME	01/08/21 13:10	01/08/21
L2101121-03	WELL 5	DW	JONESPORT, ME	01/08/21 13:45	01/08/21
L2101121-04	TRIP BLANK	DW	JONESPORT, ME	12/23/20 00:00	01/08/21

Project Name: KINGFISH PUMP TEST
Project Number: Not Specified

Lab Number: L2101121
Report Date: 01/26/21

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name: KINGFISH PUMP TEST
Project Number: Not Specified

Lab Number: L2101121
Report Date: 01/26/21

Case Narrative (continued)

Report Submission

January 26, 2021: This final report includes the results of all requested analyses.

January 18, 2021: This is a preliminary report.

Sample Receipt

L2101121-01: The collection date and time on the chain of custody was 08-JAN-21 12:45; however, the collection date/time on the container label was 08-JAN-21 12:40. At the client's request, the collection date/time is reported as 08-JAN-21 12:40.

Volatile Organics by Method 524.2

The WG1456061-6 MS recovery, performed on L2101121-01, is below the acceptance criteria for 1,1,1-trichloroethane (60%); however, the associated LCS recovery is within overall method allowances. The results of the native sample are considered to have a potentially low bias for this compound.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature:



Jennifer L. Clements

Title: Technical Director/Representative

Date: 01/26/21

QC OUTLIER SUMMARY REPORT**Project Name:** KINGFISH PUMP TEST**Lab Number:** L2101121**Project Number:** Not Specified**Report Date:** 01/26/21

Method	Client ID (Native ID)	Lab ID	Parameter	QC Type	Recovery/RPD (%)	QC Limits (%)	Associated Samples	Data Quality Assessment
Volatile Organics by GC/MS - Westborough Lab								
524.2	Batch QC (L2101121-01)	WG1456061-6	1,1,1-Trichloroethane	MS	60	70-130	01-04	potential low bias

ORGANICS

VOLATILES

Project Name: KINGFISH PUMP TEST
Project Number: Not Specified

Lab Number: L2101121
Report Date: 01/26/21

SAMPLE RESULTS

Lab ID: L2101121-01
 Client ID: WELL 1
 Sample Location: JONESPORT, ME

Date Collected: 01/08/21 12:40
 Date Received: 01/08/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Dw
 Analytical Method: 16,524.2
 Analytical Date: 01/16/21 20:19
 Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Dichlorodifluoromethane	ND		ug/l	0.50	--	1
Chloromethane	ND		ug/l	0.50	--	1
Vinyl chloride	ND		ug/l	0.50	--	1
Bromomethane	ND		ug/l	0.50	--	1
Chloroethane	ND		ug/l	0.50	--	1
Trichlorofluoromethane	ND		ug/l	0.50	--	1
1,1-Dichloroethene	ND		ug/l	0.50	--	1
Methylene chloride	ND		ug/l	0.50	--	1
Methyl tert butyl ether	ND		ug/l	0.50	--	1
trans-1,2-Dichloroethene	ND		ug/l	0.50	--	1
1,1-Dichloroethane	ND		ug/l	0.50	--	1
2,2-Dichloropropane	ND		ug/l	0.50	--	1
cis-1,2-Dichloroethene	ND		ug/l	0.50	--	1
Chloroform	2.7		ug/l	0.50	--	1
Bromochloromethane	ND		ug/l	0.50	--	1
1,1,1-Trichloroethane	ND		ug/l	0.50	--	1
1,1-Dichloropropene	ND		ug/l	0.50	--	1
Carbon tetrachloride	ND		ug/l	0.50	--	1
1,2-Dichloroethane	ND		ug/l	0.50	--	1
Benzene	ND		ug/l	0.50	--	1
Trichloroethene	ND		ug/l	0.50	--	1
1,2-Dichloropropane	ND		ug/l	0.50	--	1
Bromodichloromethane	ND		ug/l	0.50	--	1
Dibromomethane	ND		ug/l	0.50	--	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	--	1
Toluene	1.1		ug/l	0.50	--	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	--	1
1,1,2-Trichloroethane	ND		ug/l	0.50	--	1

Project Name: KINGFISH PUMP TEST
Project Number: Not Specified

Lab Number: L2101121
Report Date: 01/26/21

SAMPLE RESULTS

Lab ID: L2101121-01
 Client ID: WELL 1
 Sample Location: JONESPORT, ME

Date Collected: 01/08/21 12:40
 Date Received: 01/08/21
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichloropropane	ND		ug/l	0.50	--	1
Tetrachloroethene	ND		ug/l	0.50	--	1
Dibromochloromethane	ND		ug/l	0.50	--	1
1,2-Dibromoethane	ND		ug/l	0.50	--	1
Chlorobenzene	ND		ug/l	0.50	--	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	--	1
Ethylbenzene	ND		ug/l	0.50	--	1
p/m-Xylene	ND		ug/l	0.50	--	1
o-Xylene	ND		ug/l	0.50	--	1
Styrene	ND		ug/l	0.50	--	1
Isopropylbenzene	ND		ug/l	0.50	--	1
Bromoform	ND		ug/l	0.50	--	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	--	1
1,2,3-Trichloropropane	ND		ug/l	0.50	--	1
Xylenes, Total ¹	ND		ug/l	0.50	--	1
n-Propylbenzene	ND		ug/l	0.50	--	1
Bromobenzene	ND		ug/l	0.50	--	1
1,3,5-Trimethylbenzene	ND		ug/l	0.50	--	1
o-Chlorotoluene	ND		ug/l	0.50	--	1
p-Chlorotoluene	ND		ug/l	0.50	--	1
tert-Butylbenzene	ND		ug/l	0.50	--	1
1,2,4-Trimethylbenzene	ND		ug/l	0.50	--	1
sec-Butylbenzene	ND		ug/l	0.50	--	1
p-Isopropyltoluene	ND		ug/l	0.50	--	1
1,3-Dichlorobenzene	ND		ug/l	0.50	--	1
1,4-Dichlorobenzene	ND		ug/l	0.50	--	1
n-Butylbenzene	ND		ug/l	0.50	--	1
1,2-Dichlorobenzene	ND		ug/l	0.50	--	1
1,2-Dibromo-3-chloropropane	ND		ug/l	0.50	--	1
1,2,4-Trichlorobenzene	ND		ug/l	0.50	--	1
Hexachlorobutadiene	ND		ug/l	0.50	--	1
Naphthalene	ND		ug/l	0.50	--	1
1,2,3-Trichlorobenzene	ND		ug/l	0.50	--	1

Project Name: KINGFISH PUMP TEST**Lab Number:** L2101121**Project Number:** Not Specified**Report Date:** 01/26/21**SAMPLE RESULTS**

Lab ID: L2101121-01

Date Collected: 01/08/21 12:40

Client ID: WELL 1

Date Received: 01/08/21

Sample Location: JONESPORT, ME

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Volatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichlorobenzene-d4	99		80-120
4-Bromofluorobenzene	97		80-120

Project Name: KINGFISH PUMP TEST
Project Number: Not Specified

Lab Number: L2101121
Report Date: 01/26/21

SAMPLE RESULTS

Lab ID: L2101121-02
 Client ID: WELL 4
 Sample Location: JONESPORT, ME

Date Collected: 01/08/21 13:10
 Date Received: 01/08/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Dw
 Analytical Method: 16,524.2
 Analytical Date: 01/16/21 20:45
 Analyst: KJD

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Dichlorodifluoromethane	ND		ug/l	0.50	--	1
Chloromethane	ND		ug/l	0.50	--	1
Vinyl chloride	ND		ug/l	0.50	--	1
Bromomethane	ND		ug/l	0.50	--	1
Chloroethane	ND		ug/l	0.50	--	1
Trichlorofluoromethane	ND		ug/l	0.50	--	1
1,1-Dichloroethene	ND		ug/l	0.50	--	1
Methylene chloride	ND		ug/l	0.50	--	1
Methyl tert butyl ether	ND		ug/l	0.50	--	1
trans-1,2-Dichloroethene	ND		ug/l	0.50	--	1
1,1-Dichloroethane	ND		ug/l	0.50	--	1
2,2-Dichloropropane	ND		ug/l	0.50	--	1
cis-1,2-Dichloroethene	ND		ug/l	0.50	--	1
Chloroform	ND		ug/l	0.50	--	1
Bromochloromethane	ND		ug/l	0.50	--	1
1,1,1-Trichloroethane	ND		ug/l	0.50	--	1
1,1-Dichloropropene	ND		ug/l	0.50	--	1
Carbon tetrachloride	ND		ug/l	0.50	--	1
1,2-Dichloroethane	ND		ug/l	0.50	--	1
Benzene	ND		ug/l	0.50	--	1
Trichloroethene	ND		ug/l	0.50	--	1
1,2-Dichloropropane	ND		ug/l	0.50	--	1
Bromodichloromethane	ND		ug/l	0.50	--	1
Dibromomethane	ND		ug/l	0.50	--	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	--	1
Toluene	ND		ug/l	0.50	--	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	--	1
1,1,2-Trichloroethane	ND		ug/l	0.50	--	1

Project Name: KINGFISH PUMP TEST
Project Number: Not Specified

Lab Number: L2101121
Report Date: 01/26/21

SAMPLE RESULTS

Lab ID: L2101121-02
 Client ID: WELL 4
 Sample Location: JONESPORT, ME

Date Collected: 01/08/21 13:10
 Date Received: 01/08/21
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichloropropane	ND		ug/l	0.50	--	1
Tetrachloroethene	ND		ug/l	0.50	--	1
Dibromochloromethane	ND		ug/l	0.50	--	1
1,2-Dibromoethane	ND		ug/l	0.50	--	1
Chlorobenzene	ND		ug/l	0.50	--	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	--	1
Ethylbenzene	ND		ug/l	0.50	--	1
p/m-Xylene	ND		ug/l	0.50	--	1
o-Xylene	ND		ug/l	0.50	--	1
Styrene	ND		ug/l	0.50	--	1
Isopropylbenzene	ND		ug/l	0.50	--	1
Bromoform	ND		ug/l	0.50	--	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	--	1
1,2,3-Trichloropropane	ND		ug/l	0.50	--	1
Xylenes, Total ¹	ND		ug/l	0.50	--	1
n-Propylbenzene	ND		ug/l	0.50	--	1
Bromobenzene	ND		ug/l	0.50	--	1
1,3,5-Trimethylbenzene	ND		ug/l	0.50	--	1
o-Chlorotoluene	ND		ug/l	0.50	--	1
p-Chlorotoluene	ND		ug/l	0.50	--	1
tert-Butylbenzene	ND		ug/l	0.50	--	1
1,2,4-Trimethylbenzene	ND		ug/l	0.50	--	1
sec-Butylbenzene	ND		ug/l	0.50	--	1
p-Isopropyltoluene	ND		ug/l	0.50	--	1
1,3-Dichlorobenzene	ND		ug/l	0.50	--	1
1,4-Dichlorobenzene	ND		ug/l	0.50	--	1
n-Butylbenzene	ND		ug/l	0.50	--	1
1,2-Dichlorobenzene	ND		ug/l	0.50	--	1
1,2-Dibromo-3-chloropropane	ND		ug/l	0.50	--	1
1,2,4-Trichlorobenzene	ND		ug/l	0.50	--	1
Hexachlorobutadiene	ND		ug/l	0.50	--	1
Naphthalene	ND		ug/l	0.50	--	1
1,2,3-Trichlorobenzene	ND		ug/l	0.50	--	1

Project Name: KINGFISH PUMP TEST**Lab Number:** L2101121**Project Number:** Not Specified**Report Date:** 01/26/21**SAMPLE RESULTS**

Lab ID: L2101121-02

Date Collected: 01/08/21 13:10

Client ID: WELL 4

Date Received: 01/08/21

Sample Location: JONESPORT, ME

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Volatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichlorobenzene-d4	102		80-120
4-Bromofluorobenzene	97		80-120

Project Name: KINGFISH PUMP TEST
Project Number: Not Specified

Lab Number: L2101121
Report Date: 01/26/21

SAMPLE RESULTS

Lab ID: L2101121-03
 Client ID: WELL 5
 Sample Location: JONESPORT, ME

Date Collected: 01/08/21 13:45
 Date Received: 01/08/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Dw
 Analytical Method: 16,524.2
 Analytical Date: 01/16/21 21:11
 Analyst: KJD

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Dichlorodifluoromethane	ND		ug/l	0.50	--	1
Chloromethane	ND		ug/l	0.50	--	1
Vinyl chloride	ND		ug/l	0.50	--	1
Bromomethane	ND		ug/l	0.50	--	1
Chloroethane	ND		ug/l	0.50	--	1
Trichlorofluoromethane	ND		ug/l	0.50	--	1
1,1-Dichloroethene	ND		ug/l	0.50	--	1
Methylene chloride	ND		ug/l	0.50	--	1
Methyl tert butyl ether	ND		ug/l	0.50	--	1
trans-1,2-Dichloroethene	ND		ug/l	0.50	--	1
1,1-Dichloroethane	ND		ug/l	0.50	--	1
2,2-Dichloropropane	ND		ug/l	0.50	--	1
cis-1,2-Dichloroethene	ND		ug/l	0.50	--	1
Chloroform	1.3		ug/l	0.50	--	1
Bromochloromethane	ND		ug/l	0.50	--	1
1,1,1-Trichloroethane	ND		ug/l	0.50	--	1
1,1-Dichloropropene	ND		ug/l	0.50	--	1
Carbon tetrachloride	ND		ug/l	0.50	--	1
1,2-Dichloroethane	ND		ug/l	0.50	--	1
Benzene	ND		ug/l	0.50	--	1
Trichloroethene	ND		ug/l	0.50	--	1
1,2-Dichloropropane	ND		ug/l	0.50	--	1
Bromodichloromethane	ND		ug/l	0.50	--	1
Dibromomethane	ND		ug/l	0.50	--	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	--	1
Toluene	ND		ug/l	0.50	--	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	--	1
1,1,2-Trichloroethane	ND		ug/l	0.50	--	1

Project Name: KINGFISH PUMP TEST**Lab Number:** L2101121**Project Number:** Not Specified**Report Date:** 01/26/21**SAMPLE RESULTS**

Lab ID: L2101121-03

Date Collected: 01/08/21 13:45

Client ID: WELL 5

Date Received: 01/08/21

Sample Location: JONESPORT, ME

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichloropropane	ND		ug/l	0.50	--	1
Tetrachloroethene	ND		ug/l	0.50	--	1
Dibromochloromethane	ND		ug/l	0.50	--	1
1,2-Dibromoethane	ND		ug/l	0.50	--	1
Chlorobenzene	ND		ug/l	0.50	--	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	--	1
Ethylbenzene	ND		ug/l	0.50	--	1
p/m-Xylene	ND		ug/l	0.50	--	1
o-Xylene	ND		ug/l	0.50	--	1
Styrene	ND		ug/l	0.50	--	1
Isopropylbenzene	ND		ug/l	0.50	--	1
Bromoform	ND		ug/l	0.50	--	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	--	1
1,2,3-Trichloropropane	ND		ug/l	0.50	--	1
Xylenes, Total ¹	ND		ug/l	0.50	--	1
n-Propylbenzene	ND		ug/l	0.50	--	1
Bromobenzene	ND		ug/l	0.50	--	1
1,3,5-Trimethylbenzene	ND		ug/l	0.50	--	1
o-Chlorotoluene	ND		ug/l	0.50	--	1
p-Chlorotoluene	ND		ug/l	0.50	--	1
tert-Butylbenzene	ND		ug/l	0.50	--	1
1,2,4-Trimethylbenzene	ND		ug/l	0.50	--	1
sec-Butylbenzene	ND		ug/l	0.50	--	1
p-Isopropyltoluene	ND		ug/l	0.50	--	1
1,3-Dichlorobenzene	ND		ug/l	0.50	--	1
1,4-Dichlorobenzene	ND		ug/l	0.50	--	1
n-Butylbenzene	ND		ug/l	0.50	--	1
1,2-Dichlorobenzene	ND		ug/l	0.50	--	1
1,2-Dibromo-3-chloropropane	ND		ug/l	0.50	--	1
1,2,4-Trichlorobenzene	ND		ug/l	0.50	--	1
Hexachlorobutadiene	ND		ug/l	0.50	--	1
Naphthalene	ND		ug/l	0.50	--	1
1,2,3-Trichlorobenzene	ND		ug/l	0.50	--	1

Project Name: KINGFISH PUMP TEST**Lab Number:** L2101121**Project Number:** Not Specified**Report Date:** 01/26/21**SAMPLE RESULTS**

Lab ID: L2101121-03

Date Collected: 01/08/21 13:45

Client ID: WELL 5

Date Received: 01/08/21

Sample Location: JONESPORT, ME

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Volatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichlorobenzene-d4	101		80-120
4-Bromofluorobenzene	97		80-120

Project Name: KINGFISH PUMP TEST
Project Number: Not Specified

Lab Number: L2101121
Report Date: 01/26/21

SAMPLE RESULTS

Lab ID: L2101121-04
 Client ID: TRIP BLANK
 Sample Location: JONESPORT, ME

Date Collected: 12/23/20 00:00
 Date Received: 01/08/21
 Field Prep: Not Specified

Sample Depth:

Matrix: Dw
 Analytical Method: 16,524.2
 Analytical Date: 01/16/21 21:37
 Analyst: KJD

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Dichlorodifluoromethane	ND		ug/l	0.50	--	1
Chloromethane	ND		ug/l	0.50	--	1
Vinyl chloride	ND		ug/l	0.50	--	1
Bromomethane	ND		ug/l	0.50	--	1
Chloroethane	ND		ug/l	0.50	--	1
Trichlorofluoromethane	ND		ug/l	0.50	--	1
1,1-Dichloroethene	ND		ug/l	0.50	--	1
Methylene chloride	ND		ug/l	0.50	--	1
Methyl tert butyl ether	ND		ug/l	0.50	--	1
trans-1,2-Dichloroethene	ND		ug/l	0.50	--	1
1,1-Dichloroethane	ND		ug/l	0.50	--	1
2,2-Dichloropropane	ND		ug/l	0.50	--	1
cis-1,2-Dichloroethene	ND		ug/l	0.50	--	1
Chloroform	ND		ug/l	0.50	--	1
Bromochloromethane	ND		ug/l	0.50	--	1
1,1,1-Trichloroethane	ND		ug/l	0.50	--	1
1,1-Dichloropropene	ND		ug/l	0.50	--	1
Carbon tetrachloride	ND		ug/l	0.50	--	1
1,2-Dichloroethane	ND		ug/l	0.50	--	1
Benzene	ND		ug/l	0.50	--	1
Trichloroethene	ND		ug/l	0.50	--	1
1,2-Dichloropropane	ND		ug/l	0.50	--	1
Bromodichloromethane	ND		ug/l	0.50	--	1
Dibromomethane	ND		ug/l	0.50	--	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	--	1
Toluene	ND		ug/l	0.50	--	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	--	1
1,1,2-Trichloroethane	ND		ug/l	0.50	--	1

Project Name: KINGFISH PUMP TEST**Lab Number:** L2101121**Project Number:** Not Specified**Report Date:** 01/26/21**SAMPLE RESULTS**

Lab ID: L2101121-04

Date Collected: 12/23/20 00:00

Client ID: TRIP BLANK

Date Received: 01/08/21

Sample Location: JONESPORT, ME

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichloropropane	ND		ug/l	0.50	--	1
Tetrachloroethene	ND		ug/l	0.50	--	1
Dibromochloromethane	ND		ug/l	0.50	--	1
1,2-Dibromoethane	ND		ug/l	0.50	--	1
Chlorobenzene	ND		ug/l	0.50	--	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	--	1
Ethylbenzene	ND		ug/l	0.50	--	1
p/m-Xylene	ND		ug/l	0.50	--	1
o-Xylene	ND		ug/l	0.50	--	1
Styrene	ND		ug/l	0.50	--	1
Isopropylbenzene	ND		ug/l	0.50	--	1
Bromoform	ND		ug/l	0.50	--	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	--	1
1,2,3-Trichloropropane	ND		ug/l	0.50	--	1
Xylenes, Total ¹	ND		ug/l	0.50	--	1
n-Propylbenzene	ND		ug/l	0.50	--	1
Bromobenzene	ND		ug/l	0.50	--	1
1,3,5-Trimethylbenzene	ND		ug/l	0.50	--	1
o-Chlorotoluene	ND		ug/l	0.50	--	1
p-Chlorotoluene	ND		ug/l	0.50	--	1
tert-Butylbenzene	ND		ug/l	0.50	--	1
1,2,4-Trimethylbenzene	ND		ug/l	0.50	--	1
sec-Butylbenzene	ND		ug/l	0.50	--	1
p-Isopropyltoluene	ND		ug/l	0.50	--	1
1,3-Dichlorobenzene	ND		ug/l	0.50	--	1
1,4-Dichlorobenzene	ND		ug/l	0.50	--	1
n-Butylbenzene	ND		ug/l	0.50	--	1
1,2-Dichlorobenzene	ND		ug/l	0.50	--	1
1,2-Dibromo-3-chloropropane	ND		ug/l	0.50	--	1
1,2,4-Trichlorobenzene	ND		ug/l	0.50	--	1
Hexachlorobutadiene	ND		ug/l	0.50	--	1
Naphthalene	ND		ug/l	0.50	--	1
1,2,3-Trichlorobenzene	ND		ug/l	0.50	--	1

Project Name: KINGFISH PUMP TEST**Lab Number:** L2101121**Project Number:** Not Specified**Report Date:** 01/26/21**SAMPLE RESULTS**

Lab ID: L2101121-04

Date Collected: 12/23/20 00:00

Client ID: TRIP BLANK

Date Received: 01/08/21

Sample Location: JONESPORT, ME

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Volatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichlorobenzene-d4	102		80-120
4-Bromofluorobenzene	97		80-120

Project Name: KINGFISH PUMP TEST
Project Number: Not Specified

Lab Number: L2101121
Report Date: 01/26/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 16,524.2
Analytical Date: 01/16/21 19:52
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-04 Batch: WG1456061-4					
Dichlorodifluoromethane	ND		ug/l	0.50	--
Chloromethane	ND		ug/l	0.50	--
Vinyl chloride	ND		ug/l	0.50	--
Bromomethane	ND		ug/l	0.50	--
Chloroethane	ND		ug/l	0.50	--
Trichlorofluoromethane	ND		ug/l	0.50	--
1,1-Dichloroethene	ND		ug/l	0.50	--
Methylene chloride	ND		ug/l	0.50	--
Methyl tert butyl ether	ND		ug/l	0.50	--
trans-1,2-Dichloroethene	ND		ug/l	0.50	--
1,1-Dichloroethane	ND		ug/l	0.50	--
2,2-Dichloropropane	ND		ug/l	0.50	--
cis-1,2-Dichloroethene	ND		ug/l	0.50	--
Chloroform	ND		ug/l	0.50	--
Bromochloromethane	ND		ug/l	0.50	--
1,1,1-Trichloroethane	ND		ug/l	0.50	--
1,1-Dichloropropene	ND		ug/l	0.50	--
Carbon tetrachloride	ND		ug/l	0.50	--
1,2-Dichloroethane	ND		ug/l	0.50	--
Benzene	ND		ug/l	0.50	--
Trichloroethene	ND		ug/l	0.50	--
1,2-Dichloropropane	ND		ug/l	0.50	--
Bromodichloromethane	ND		ug/l	0.50	--
Dibromomethane	ND		ug/l	0.50	--
cis-1,3-Dichloropropene	ND		ug/l	0.50	--
Toluene	ND		ug/l	0.50	--
trans-1,3-Dichloropropene	ND		ug/l	0.50	--
1,1,2-Trichloroethane	ND		ug/l	0.50	--
1,3-Dichloropropane	ND		ug/l	0.50	--

Project Name: KINGFISH PUMP TEST
Project Number: Not Specified

Lab Number: L2101121
Report Date: 01/26/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 16,524.2
Analytical Date: 01/16/21 19:52
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-04 Batch: WG1456061-4					
Tetrachloroethene	ND		ug/l	0.50	--
Dibromochloromethane	ND		ug/l	0.50	--
1,2-Dibromoethane	ND		ug/l	0.50	--
Chlorobenzene	ND		ug/l	0.50	--
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	--
Ethylbenzene	ND		ug/l	0.50	--
p/m-Xylene	ND		ug/l	0.50	--
o-Xylene	ND		ug/l	0.50	--
Styrene	ND		ug/l	0.50	--
Isopropylbenzene	ND		ug/l	0.50	--
Xylenes, Total ¹	ND		ug/l	0.50	--
Bromoform	ND		ug/l	0.50	--
1,1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	--
1,2,3-Trichloropropane	ND		ug/l	0.50	--
n-Propylbenzene	ND		ug/l	0.50	--
Bromobenzene	ND		ug/l	0.50	--
1,3,5-Trimethylbenzene	ND		ug/l	0.50	--
o-Chlorotoluene	ND		ug/l	0.50	--
p-Chlorotoluene	ND		ug/l	0.50	--
tert-Butylbenzene	ND		ug/l	0.50	--
1,2,4-Trimethylbenzene	ND		ug/l	0.50	--
sec-Butylbenzene	ND		ug/l	0.50	--
p-Isopropyltoluene	ND		ug/l	0.50	--
1,3-Dichlorobenzene	ND		ug/l	0.50	--
1,4-Dichlorobenzene	ND		ug/l	0.50	--
n-Butylbenzene	ND		ug/l	0.50	--
1,2-Dichlorobenzene	ND		ug/l	0.50	--
1,2-Dibromo-3-chloropropane	ND		ug/l	0.50	--
1,2,4-Trichlorobenzene	ND		ug/l	0.50	--

Project Name: KINGFISH PUMP TEST
Project Number: Not Specified

Lab Number: L2101121
Report Date: 01/26/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 16,524.2
Analytical Date: 01/16/21 19:52
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-04 Batch: WG1456061-4					
Hexachlorobutadiene	ND		ug/l	0.50	--
Naphthalene	ND		ug/l	0.50	--
1,2,3-Trichlorobenzene	ND		ug/l	0.50	--

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichlorobenzene-d4	101		80-120
4-Bromofluorobenzene	97		80-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: KINGFISH PUMP TEST

Lab Number: L2101121

Project Number: Not Specified

Report Date: 01/26/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG1456061-3								
Dichlorodifluoromethane	80		-		70-130	-		20
Chloromethane	100		-		70-130	-		20
Vinyl chloride	95		-		70-130	-		20
Bromomethane	85		-		70-130	-		20
Chloroethane	102		-		70-130	-		20
Trichlorofluoromethane	95		-		70-130	-		20
1,1-Dichloroethene	95		-		70-130	-		20
Methylene chloride	105		-		70-130	-		20
Methyl tert butyl ether	98		-		70-130	-		20
trans-1,2-Dichloroethene	98		-		70-130	-		20
1,1-Dichloroethane	102		-		70-130	-		20
2,2-Dichloropropane	105		-		70-130	-		20
cis-1,2-Dichloroethene	90		-		70-130	-		20
Chloroform	98		-		70-130	-		20
Bromochloromethane	98		-		70-130	-		20
1,1,1-Trichloroethane	90		-		70-130	-		20
1,1-Dichloropropene	88		-		70-130	-		20
Carbon tetrachloride	90		-		70-130	-		20
1,2-Dichloroethane	100		-		70-130	-		20
Benzene	92		-		70-130	-		20
Trichloroethene	95		-		70-130	-		20
1,2-Dichloropropane	95		-		70-130	-		20
Bromodichloromethane	95		-		70-130	-		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: KINGFISH PUMP TEST

Lab Number: L2101121

Project Number: Not Specified

Report Date: 01/26/21

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG1456061-3								
Dibromomethane	98		-		70-130	-		20
cis-1,3-Dichloropropene	92		-		70-130	-		20
Toluene	92		-		70-130	-		20
trans-1,3-Dichloropropene	90		-		70-130	-		20
1,1,2-Trichloroethane	100		-		70-130	-		20
1,3-Dichloropropane	95		-		70-130	-		20
Tetrachloroethene	88		-		70-130	-		20
Dibromochloromethane	92		-		70-130	-		20
1,2-Dibromoethane	98		-		70-130	-		20
Chlorobenzene	95		-		70-130	-		20
1,1,1,2-Tetrachloroethane	95		-		70-130	-		20
Ethylbenzene	95		-		70-130	-		20
p/m-Xylene	95		-		70-130	-		20
o-Xylene	95		-		70-130	-		20
Styrene	85		-		70-130	-		20
Isopropylbenzene	92		-		70-130	-		20
Bromoform	90		-		70-130	-		20
1,1,1,2,2-Tetrachloroethane	98		-		70-130	-		20
1,2,3-Trichloropropane	98		-		70-130	-		20
n-Propylbenzene	95		-		70-130	-		20
Bromobenzene	98		-		70-130	-		20
1,3,5-Trimethylbenzene	95		-		70-130	-		20
o-Chlorotoluene	98		-		70-130	-		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: KINGFISH PUMP TEST
Project Number: Not Specified

Lab Number: L2101121
Report Date: 01/26/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG1456061-3								
p-Chlorotoluene	100		-		70-130	-		20
tert-Butylbenzene	102		-		70-130	-		20
1,2,4-Trimethylbenzene	98		-		70-130	-		20
sec-Butylbenzene	95		-		70-130	-		20
p-Isopropyltoluene	95		-		70-130	-		20
1,3-Dichlorobenzene	95		-		70-130	-		20
1,4-Dichlorobenzene	95		-		70-130	-		20
n-Butylbenzene	95		-		70-130	-		20
1,2-Dichlorobenzene	98		-		70-130	-		20
1,2-Dibromo-3-chloropropane	90		-		70-130	-		20
1,2,4-Trichlorobenzene	98		-		70-130	-		20
Hexachlorobutadiene	90		-		70-130	-		20
Naphthalene	95		-		70-130	-		20
1,2,3-Trichlorobenzene	95		-		70-130	-		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichlorobenzene-d4	99				80-120
4-Bromofluorobenzene	103				80-120



Matrix Spike Analysis

Batch Quality Control

Project Name: KINGFISH PUMP TEST

Lab Number: L2101121

Project Number: Not Specified

Report Date: 01/26/21

<i>Parameter</i>	<i>Native Sample</i>	<i>MS Added</i>	<i>MS Found</i>	<i>MS %Recovery</i>	<i>Qual</i>	<i>MSD Found</i>	<i>MSD %Recovery</i>	<i>Qual</i>	<i>Recovery Limits</i>	<i>RPD</i>	<i>Qual</i>	<i>RPD Limits</i>
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 QC Batch ID: WG1456061-6 QC Sample: L2101121-01 Client ID: WELL 1												
Dichlorodifluoromethane	ND	4	4.0	100		-	-		70-130	-		20
Chloromethane	ND	4	4.4	110		-	-		70-130	-		20
Vinyl chloride	ND	4	4.6	115		-	-		70-130	-		20
Bromomethane	ND	4	3.3	82		-	-		70-130	-		20
Chloroethane	ND	4	4.6	115		-	-		70-130	-		20
Trichlorofluoromethane	ND	4	4.8	120		-	-		70-130	-		20
1,1-Dichloroethene	ND	4	4.7	118		-	-		70-130	-		20
Methylene chloride	ND	4	4.7	118		-	-		70-130	-		20
Methyl tert butyl ether	ND	4	4.2	105		-	-		70-130	-		20
trans-1,2-Dichloroethene	ND	4	4.6	115		-	-		70-130	-		20
1,1-Dichloroethane	ND	4	4.7	118		-	-		70-130	-		20
2,2-Dichloropropane	ND	4	3.6	90		-	-		70-130	-		20
cis-1,2-Dichloroethene	ND	4	4.1	103		-	-		70-130	-		20
Chloroform	2.7	4	7.1	110		-	-		70-130	-		20
Bromochloromethane	ND	4	4.4	110		-	-		70-130	-		20
1,1,1-Trichloroethane	ND	4	2.4	60	Q	-	-		70-130	-		20
1,1-Dichloropropene	ND	4	4.3	108		-	-		70-130	-		20
Carbon tetrachloride	ND	4	4.4	110		-	-		70-130	-		20
1,2-Dichloroethane	ND	4	4.4	110		-	-		70-130	-		20
Benzene	ND	4	4.3	108		-	-		70-130	-		20
Trichloroethene	ND	4	4.3	108		-	-		70-130	-		20
1,2-Dichloropropane	ND	4	4.3	108		-	-		70-130	-		20
Bromodichloromethane	ND	4	4.4	110		-	-		70-130	-		20
Dibromomethane	ND	4	4.3	108		-	-		70-130	-		20

Matrix Spike Analysis

Batch Quality Control

Project Name: KINGFISH PUMP TEST**Lab Number:** L2101121**Project Number:** Not Specified**Report Date:** 01/26/21

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 QC Batch ID: WG1456061-6 QC Sample: L2101121-01 Client ID: WELL 1												
cis-1,3-Dichloropropene	ND	4	3.9	98		-	-		70-130	-		20
Toluene	1.1	4	5.5	110		-	-		70-130	-		20
trans-1,3-Dichloropropene	ND	4	3.6	90		-	-		70-130	-		20
1,1,2-Trichloroethane	ND	4	4.0	100		-	-		70-130	-		20
1,3-Dichloropropane	ND	4	4.1	103		-	-		70-130	-		20
Tetrachloroethene	ND	4	4.3	108		-	-		70-130	-		20
Dibromochloromethane	ND	4	4.0	100		-	-		70-130	-		20
1,2-Dibromoethane	ND	4	4.0	100		-	-		70-130	-		20
Chlorobenzene	ND	4	4.0	100		-	-		70-130	-		20
1,1,1,2-Tetrachloroethane	ND	4	3.9	98		-	-		70-130	-		20
Ethylbenzene	ND	4	4.2	105		-	-		70-130	-		20
p/m-Xylene	ND	8	8.4	105		-	-		70-130	-		20
o-Xylene	ND	4	4.2	105		-	-		70-130	-		20
Styrene	ND	4	3.8	95		-	-		70-130	-		20
Isopropylbenzene	ND	4	4.1	103		-	-		70-130	-		20
Bromoform	ND	4	3.6	90		-	-		70-130	-		20
1,1,2,2-Tetrachloroethane	ND	4	4.0	100		-	-		70-130	-		20
1,2,3-Trichloropropane	ND	4	3.8	95		-	-		70-130	-		20
n-Propylbenzene	ND	4	4.2	105		-	-		70-130	-		20
Bromobenzene	ND	4	4.2	105		-	-		70-130	-		20
1,3,5-Trimethylbenzene	ND	4	4.3	108		-	-		70-130	-		20
o-Chlorotoluene	ND	4	4.2	105		-	-		70-130	-		20
p-Chlorotoluene	ND	4	4.2	105		-	-		70-130	-		20
tert-Butylbenzene	ND	4	4.7	118		-	-		70-130	-		20

Matrix Spike Analysis

Batch Quality Control

Project Name: KINGFISH PUMP TEST

Lab Number: L2101121

Project Number: Not Specified

Report Date: 01/26/21

<i>Parameter</i>	<i>Native Sample</i>	<i>MS Added</i>	<i>MS Found</i>	<i>MS %Recovery</i>	<i>Qual</i>	<i>MSD Found</i>	<i>MSD %Recovery</i>	<i>Qual</i>	<i>Recovery Limits</i>	<i>RPD</i>	<i>Qual</i>	<i>RPD Limits</i>
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 QC Batch ID: WG1456061-6 QC Sample: L2101121-01 Client ID: WELL 1												
1,2,4-Trimethylbenzene	ND	4	4.3	108		-	-		70-130	-		20
sec-Butylbenzene	ND	4	4.3	108		-	-		70-130	-		20
p-Isopropyltoluene	ND	4	4.2	105		-	-		70-130	-		20
1,3-Dichlorobenzene	ND	4	4.2	105		-	-		70-130	-		20
1,4-Dichlorobenzene	ND	4	4.0	100		-	-		70-130	-		20
n-Butylbenzene	ND	4	4.1	103		-	-		70-130	-		20
1,2-Dichlorobenzene	ND	4	4.2	105		-	-		70-130	-		20
1,2-Dibromo-3-chloropropane	ND	4	3.4	85		-	-		70-130	-		20
1,2,4-Trichlorobenzene	ND	4	4.0	100		-	-		70-130	-		20
Hexachlorobutadiene	ND	4	4.2	105		-	-		70-130	-		20
Naphthalene	ND	4	3.7	92		-	-		70-130	-		20
1,2,3-Trichlorobenzene	ND	4	4.0	100		-	-		70-130	-		20

<i>Surrogate</i>	<i>MS % Recovery</i>	<i>MS Qualifier</i>	<i>MSD % Recovery</i>	<i>MSD Qualifier</i>	<i>Acceptance Criteria</i>
1,2-Dichlorobenzene-d4	99				80-120
4-Bromofluorobenzene	101				80-120

Lab Duplicate Analysis

Batch Quality Control

Project Name: KINGFISH PUMP TEST

Project Number: Not Specified

Lab Number: L2101121

Report Date: 01/26/21

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 QC Batch ID: WG1456061-5 QC Sample: L2101121-02 Client ID: WELL 4						
Dichlorodifluoromethane	ND	ND	ug/l	NC		20
Chloromethane	ND	ND	ug/l	NC		20
Vinyl chloride	ND	ND	ug/l	NC		20
Bromomethane	ND	ND	ug/l	NC		20
Chloroethane	ND	ND	ug/l	NC		20
Trichlorofluoromethane	ND	ND	ug/l	NC		20
1,1-Dichloroethene	ND	ND	ug/l	NC		20
Methylene chloride	ND	ND	ug/l	NC		20
Methyl tert butyl ether	ND	ND	ug/l	NC		20
trans-1,2-Dichloroethene	ND	ND	ug/l	NC		20
1,1-Dichloroethane	ND	ND	ug/l	NC		20
2,2-Dichloropropane	ND	ND	ug/l	NC		20
cis-1,2-Dichloroethene	ND	ND	ug/l	NC		20
Chloroform	ND	ND	ug/l	NC		20
Bromochloromethane	ND	ND	ug/l	NC		20
1,1,1-Trichloroethane	ND	ND	ug/l	NC		20
1,1-Dichloropropene	ND	ND	ug/l	NC		20
Carbon tetrachloride	ND	ND	ug/l	NC		20
1,2-Dichloroethane	ND	ND	ug/l	NC		20
Benzene	ND	ND	ug/l	NC		20
Trichloroethene	ND	ND	ug/l	NC		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: KINGFISH PUMP TEST

Project Number: Not Specified

Lab Number: L2101121

Report Date: 01/26/21

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 QC Batch ID: WG1456061-5 QC Sample: L2101121-02 Client ID: WELL 4						
1,2-Dichloropropane	ND	ND	ug/l	NC		20
Bromodichloromethane	ND	ND	ug/l	NC		20
Dibromomethane	ND	ND	ug/l	NC		20
cis-1,3-Dichloropropene	ND	ND	ug/l	NC		20
Toluene	ND	ND	ug/l	NC		20
trans-1,3-Dichloropropene	ND	ND	ug/l	NC		20
1,1,2-Trichloroethane	ND	ND	ug/l	NC		20
1,3-Dichloropropane	ND	ND	ug/l	NC		20
Tetrachloroethene	ND	ND	ug/l	NC		20
Dibromochloromethane	ND	ND	ug/l	NC		20
1,2-Dibromoethane	ND	ND	ug/l	NC		20
Chlorobenzene	ND	ND	ug/l	NC		20
1,1,1,2-Tetrachloroethane	ND	ND	ug/l	NC		20
Ethylbenzene	ND	ND	ug/l	NC		20
p/m-Xylene	ND	ND	ug/l	NC		20
o-Xylene	ND	ND	ug/l	NC		20
Styrene	ND	ND	ug/l	NC		20
Isopropylbenzene	ND	ND	ug/l	NC		20
Bromoform	ND	ND	ug/l	NC		20
1,1,2,2-Tetrachloroethane	ND	ND	ug/l	NC		20
1,2,3-Trichloropropane	ND	ND	ug/l	NC		20

Lab Duplicate Analysis
Batch Quality Control

Project Name: KINGFISH PUMP TEST

Project Number: Not Specified

Lab Number: L2101121

Report Date: 01/26/21

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 QC Batch ID: WG1456061-5 QC Sample: L2101121-02 Client ID: WELL 4						
n-Propylbenzene	ND	ND	ug/l	NC		20
Xylenes, Total ¹	ND	ND	ug/l	NC		20
Bromobenzene	ND	ND	ug/l	NC		20
1,3,5-Trimethylbenzene	ND	ND	ug/l	NC		20
o-Chlorotoluene	ND	ND	ug/l	NC		20
p-Chlorotoluene	ND	ND	ug/l	NC		20
tert-Butylbenzene	ND	ND	ug/l	NC		20
1,2,4-Trimethylbenzene	ND	ND	ug/l	NC		20
sec-Butylbenzene	ND	ND	ug/l	NC		20
p-Isopropyltoluene	ND	ND	ug/l	NC		20
1,3-Dichlorobenzene	ND	ND	ug/l	NC		20
1,4-Dichlorobenzene	ND	ND	ug/l	NC		20
n-Butylbenzene	ND	ND	ug/l	NC		20
1,2-Dichlorobenzene	ND	ND	ug/l	NC		20
1,2-Dibromo-3-chloropropane	ND	ND	ug/l	NC		20
1,2,4-Trichlorobenzene	ND	ND	ug/l	NC		20
Hexachlorobutadiene	ND	ND	ug/l	NC		20
Naphthalene	ND	ND	ug/l	NC		20
1,2,3-Trichlorobenzene	ND	ND	ug/l	NC		20

Surrogate	%Recovery Qualifier	%Recovery Qualifier	Acceptance Criteria
-----------	---------------------	---------------------	---------------------



Lab Duplicate Analysis

Batch Quality Control

Project Name: KINGFISH PUMP TEST

Project Number: Not Specified

Lab Number: L2101121

Report Date: 01/26/21

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 QC Batch ID: WG1456061-5 QC Sample: L2101121-02 Client ID: WELL 4						

Surrogate	%Recovery	Qualifier	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichlorobenzene-d4	102		104		80-120
4-Bromofluorobenzene	97		96		80-120

METALS

Project Name: KINGFISH PUMP TEST**Lab Number:** L2101121**Project Number:** Not Specified**Report Date:** 01/26/21**SAMPLE RESULTS**

Lab ID: L2101121-01

Date Collected: 01/08/21 12:40

Client ID: WELL 1

Date Received: 01/08/21

Sample Location: JONESPORT, ME

Field Prep: Not Specified

Sample Depth:

Matrix: Dw

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Calcium, Total	8.81		mg/l	0.100	--	1	01/11/21 10:37	01/14/21 23:22	EPA 3005A	19,200.7	BV
Iron, Total	ND		mg/l	0.050	--	1	01/11/21 10:37	01/14/21 23:22	EPA 3005A	19,200.7	BV
Magnesium, Total	2.35		mg/l	0.100	--	1	01/11/21 10:37	01/14/21 23:22	EPA 3005A	19,200.7	BV
Manganese, Total	ND		mg/l	0.0010	--	1	01/11/21 10:37	01/12/21 09:29	EPA 3005A	3,200.8	AM
Potassium, Total	ND		mg/l	2.50	--	1	01/11/21 10:37	01/14/21 23:22	EPA 3005A	19,200.7	BV
Sodium, Total	11.5		mg/l	2.00	--	1	01/11/21 10:37	01/14/21 23:22	EPA 3005A	19,200.7	BV



Project Name: KINGFISH PUMP TEST**Lab Number:** L2101121**Project Number:** Not Specified**Report Date:** 01/26/21**SAMPLE RESULTS**

Lab ID: L2101121-02

Date Collected: 01/08/21 13:10

Client ID: WELL 4

Date Received: 01/08/21

Sample Location: JONESPORT, ME

Field Prep: Not Specified

Sample Depth:

Matrix: Dw

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Calcium, Total	6.57		mg/l	0.100	--	1	01/11/21 10:37	01/14/21 23:45	EPA 3005A	19,200.7	BV
Iron, Total	ND		mg/l	0.050	--	1	01/11/21 10:37	01/14/21 23:45	EPA 3005A	19,200.7	BV
Magnesium, Total	2.05		mg/l	0.100	--	1	01/11/21 10:37	01/14/21 23:45	EPA 3005A	19,200.7	BV
Manganese, Total	ND		mg/l	0.0010	--	1	01/11/21 10:37	01/12/21 09:33	EPA 3005A	3,200.8	AM
Potassium, Total	ND		mg/l	2.50	--	1	01/11/21 10:37	01/14/21 23:45	EPA 3005A	19,200.7	BV
Sodium, Total	8.78		mg/l	2.00	--	1	01/11/21 10:37	01/14/21 23:45	EPA 3005A	19,200.7	BV



Project Name: KINGFISH PUMP TEST**Lab Number:** L2101121**Project Number:** Not Specified**Report Date:** 01/26/21**SAMPLE RESULTS**

Lab ID: L2101121-03

Date Collected: 01/08/21 13:45

Client ID: WELL 5

Date Received: 01/08/21

Sample Location: JONESPORT, ME

Field Prep: Not Specified

Sample Depth:

Matrix: Dw

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Calcium, Total	9.92		mg/l	0.100	--	1	01/11/21 10:37	01/14/21 23:50	EPA 3005A	19,200.7	BV
Iron, Total	ND		mg/l	0.050	--	1	01/11/21 10:37	01/14/21 23:50	EPA 3005A	19,200.7	BV
Magnesium, Total	2.60		mg/l	0.100	--	1	01/11/21 10:37	01/14/21 23:50	EPA 3005A	19,200.7	BV
Manganese, Total	0.0043		mg/l	0.0010	--	1	01/11/21 10:37	01/12/21 09:49	EPA 3005A	3,200.8	AM
Potassium, Total	ND		mg/l	2.50	--	1	01/11/21 10:37	01/14/21 23:50	EPA 3005A	19,200.7	BV
Sodium, Total	17.7		mg/l	2.00	--	1	01/11/21 10:37	01/14/21 23:50	EPA 3005A	19,200.7	BV



Project Name: KINGFISH PUMP TEST

Lab Number: L2101121

Project Number: Not Specified

Report Date: 01/26/21

Method Blank Analysis Batch Quality Control

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-03 Batch: WG1453588-1									
Manganese, Total	ND	mg/l	0.0010	--	1	01/11/21 10:37	01/12/21 08:54	3,200.8	AM

Prep Information

Digestion Method: EPA 3005A

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-03 Batch: WG1453589-1									
Calcium, Total	ND	mg/l	0.100	--	1	01/11/21 10:37	01/14/21 23:06	19,200.7	BV
Iron, Total	ND	mg/l	0.050	--	1	01/11/21 10:37	01/14/21 23:06	19,200.7	BV
Magnesium, Total	ND	mg/l	0.100	--	1	01/11/21 10:37	01/14/21 23:06	19,200.7	BV
Potassium, Total	ND	mg/l	2.50	--	1	01/11/21 10:37	01/14/21 23:06	19,200.7	BV
Sodium, Total	ND	mg/l	2.00	--	1	01/11/21 10:37	01/14/21 23:06	19,200.7	BV

Prep Information

Digestion Method: EPA 3005A

Lab Control Sample Analysis

Batch Quality Control

Project Name: KINGFISH PUMP TEST

Lab Number: L2101121

Project Number: Not Specified

Report Date: 01/26/21

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Total Metals - Mansfield Lab Associated sample(s): 01-03 Batch: WG1453588-2								
Manganese, Total	100		-		85-115	-		
Total Metals - Mansfield Lab Associated sample(s): 01-03 Batch: WG1453589-2								
Calcium, Total	106		-		85-115	-		
Iron, Total	99		-		85-115	-		
Magnesium, Total	106		-		85-115	-		
Potassium, Total	106		-		85-115	-		
Sodium, Total	110		-		85-115	-		

Matrix Spike Analysis Batch Quality Control

Project Name: KINGFISH PUMP TEST

Lab Number: L2101121

Project Number: Not Specified

Report Date: 01/26/21

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG1453588-3 QC Sample: L2101121-01 Client ID: WELL 1												
Manganese, Total	ND	0.5	0.4928	98		-	-		70-130	-		20
Total Metals - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG1453589-3 QC Sample: L2101121-01 Client ID: WELL 1												
Calcium, Total	8.81	10	19.5	107		-	-		75-125	-		20
Iron, Total	ND	1	1.04	104		-	-		75-125	-		20
Magnesium, Total	2.35	10	12.9	106		-	-		75-125	-		20
Potassium, Total	ND	10	12.1	121		-	-		75-125	-		20
Sodium, Total	11.5	10	22.3	108		-	-		75-125	-		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: KINGFISH PUMP TEST

Project Number: Not Specified

Lab Number: L2101121

Report Date: 01/26/21

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG1453588-4 QC Sample: L2101121-01 Client ID: WELL 1						
Manganese, Total	ND	0.0011	mg/l	NC		20
Total Metals - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG1453589-4 QC Sample: L2101121-01 Client ID: WELL 1						
Calcium, Total	8.81	8.78	mg/l	0		20
Iron, Total	ND	ND	mg/l	NC		20
Magnesium, Total	2.35	2.33	mg/l	1		20
Potassium, Total	ND	ND	mg/l	NC		20
Sodium, Total	11.5	11.5	mg/l	0		20

INORGANICS & MISCELLANEOUS

Project Name: KINGFISH PUMP TEST
Project Number: Not Specified

Lab Number: L2101121
Report Date: 01/26/21

SAMPLE RESULTS

Lab ID: L2101121-01
Client ID: WELL 1
Sample Location: JONESPORT, ME

Date Collected: 01/08/21 12:40
Date Received: 01/08/21
Field Prep: Not Specified

Sample Depth:
Matrix: Dw

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Turbidity	ND		NTU	0.20	--	1	-	01/09/21 06:18	44,180.1	JA
Color, True	5.0		A.P.C.U.	5.0	--	1	-	01/09/21 04:59	121,2120B	JA
Color, Apparent	7.0		A.P.C.U.	5.0	--	1	-	01/09/21 04:48	121,2120B	JA
Alkalinity, Carbonate	ND		mg CaCO3/L	2.00	NA	1	-	01/12/21 03:51	121,2320B	JA
Alkalinity, Bicarbonate	40.8		mg CaCO3/L	2.00	NA	1	-	01/12/21 03:51	121,2320B	JA
Cyanide, Total	ND		mg/l	0.005	--	1	01/11/21 11:10	01/11/21 15:27	121,4500CN-CE	CR
Anions by Ion Chromatography - Westborough Lab										
Chloride	6.89		mg/l	0.500	--	1	-	01/12/21 19:16	44,300.0	AT
Sulfate	8.79		mg/l	1.00	--	1	-	01/12/21 19:16	44,300.0	AT



Project Name: KINGFISH PUMP TEST
Project Number: Not Specified

Lab Number: L2101121
Report Date: 01/26/21

SAMPLE RESULTS

Lab ID: L2101121-02
Client ID: WELL 4
Sample Location: JONESPORT, ME

Date Collected: 01/08/21 13:10
Date Received: 01/08/21
Field Prep: Not Specified

Sample Depth:
Matrix: Dw

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Turbidity	ND		NTU	0.20	--	1	-	01/09/21 06:18	44,180.1	JA
Color, True	5.0		A.P.C.U.	5.0	--	1	-	01/09/21 04:59	121,2120B	JA
Color, Apparent	7.0		A.P.C.U.	5.0	--	1	-	01/09/21 04:48	121,2120B	JA
Alkalinity, Carbonate	ND		mg CaCO3/L	2.00	NA	1	-	01/12/21 03:51	121,2320B	JA
Alkalinity, Bicarbonate	31.4		mg CaCO3/L	2.00	NA	1	-	01/12/21 03:51	121,2320B	JA
Cyanide, Total	ND		mg/l	0.005	--	1	01/11/21 11:10	01/11/21 15:28	121,4500CN-CE	CR
Anions by Ion Chromatography - Westborough Lab										
Chloride	6.34		mg/l	0.500	--	1	-	01/12/21 19:27	44,300.0	AT
Sulfate	5.02		mg/l	1.00	--	1	-	01/12/21 19:27	44,300.0	AT



Project Name: KINGFISH PUMP TEST
Project Number: Not Specified

Lab Number: L2101121
Report Date: 01/26/21

SAMPLE RESULTS

Lab ID: L2101121-03
Client ID: WELL 5
Sample Location: JONESPORT, ME

Date Collected: 01/08/21 13:45
Date Received: 01/08/21
Field Prep: Not Specified

Sample Depth:
Matrix: Dw

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Turbidity	0.32		NTU	0.20	--	1	-	01/09/21 06:18	44,180.1	JA
Color, True	5.0		A.P.C.U.	5.0	--	1	-	01/09/21 04:59	121,2120B	JA
Color, Apparent	7.0		A.P.C.U.	5.0	--	1	-	01/09/21 04:48	121,2120B	JA
Alkalinity, Carbonate	ND		mg CaCO3/L	2.00	NA	1	-	01/12/21 03:51	121,2320B	JA
Alkalinity, Bicarbonate	51.7		mg CaCO3/L	2.00	NA	1	-	01/12/21 03:51	121,2320B	JA
Cyanide, Total	ND		mg/l	0.005	--	1	01/11/21 11:10	01/11/21 15:29	121,4500CN-CE	CR
Anions by Ion Chromatography - Westborough Lab										
Chloride	9.29		mg/l	0.500	--	1	-	01/12/21 19:38	44,300.0	AT
Sulfate	10.8		mg/l	1.00	--	1	-	01/12/21 19:38	44,300.0	AT



Project Name: KINGFISH PUMP TEST

Lab Number: L2101121

Project Number: Not Specified

Report Date: 01/26/21

Method Blank Analysis
Batch Quality Control

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 01-03 Batch: WG1453291-1									
Turbidity	ND	NTU	0.20	--	1	-	01/09/21 06:18	44,180.1	JA
General Chemistry - Westborough Lab for sample(s): 01-03 Batch: WG1453634-1									
Cyanide, Total	ND	mg/l	0.005	--	1	01/11/21 11:10	01/11/21 15:10	121,4500CN-CE	CR
General Chemistry - Westborough Lab for sample(s): 01-03 Batch: WG1453873-1									
Alkalinity, Bicarbonate	ND	mg CaCO3/L	2.00	NA	1	-	01/12/21 03:51	121,2320B	JA
General Chemistry - Westborough Lab for sample(s): 01-03 Batch: WG1453874-1									
Alkalinity, Carbonate	ND	mg CaCO3/L	2.00	NA	1	-	01/12/21 03:51	121,2320B	JA
Anions by Ion Chromatography - Westborough Lab for sample(s): 01-03 Batch: WG1454679-1									
Chloride	ND	mg/l	0.500	--	1	-	01/12/21 16:54	44,300.0	AT
Sulfate	ND	mg/l	1.00	--	1	-	01/12/21 16:54	44,300.0	AT

Lab Control Sample Analysis

Batch Quality Control

Project Name: KINGFISH PUMP TEST

Lab Number: L2101121

Project Number: Not Specified

Report Date: 01/26/21

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
General Chemistry - Westborough Lab Associated sample(s): 01-03 Batch: WG1453291-2								
Turbidity	94		-		90-110	-		
General Chemistry - Westborough Lab Associated sample(s): 01-03 Batch: WG1453634-2								
Cyanide, Total	98		-		90-110	-		
Anions by Ion Chromatography - Westborough Lab Associated sample(s): 01-03 Batch: WG1454679-2								
Chloride	106		-		90-110	-		
Sulfate	102		-		90-110	-		

Matrix Spike Analysis
Batch Quality Control

Project Name: KINGFISH PUMP TEST

Lab Number: L2101121

Project Number: Not Specified

Report Date: 01/26/21

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Qual	MSD Found	MSD %Recovery	MSD Qual	Recovery Limits	RPD	RPD Qual	RPD Limits
Anions by Ion Chromatography - Westborough Lab Associated sample(s): 01-03 QC Batch ID: WG1454679-3 QC Sample: L2101121-01 Client ID: WELL												
1												
Chloride	6.89	4	10.6	94	-	-	-	-	90-110	-	-	18
Sulfate	8.79	8	16.6	98	-	-	-	-	90-110	-	-	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: KINGFISH PUMP TEST

Project Number: Not Specified

Lab Number: L2101121

Report Date: 01/26/21

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-03 QC Batch ID: WG1453264-1 QC Sample: L2101121-01 Client ID: WELL 1						
Color, Apparent	7.0	7.0	A.P.C.U.	0		
General Chemistry - Westborough Lab Associated sample(s): 01-03 QC Batch ID: WG1453265-1 QC Sample: L2101121-03 Client ID: WELL 5						
Color, True	5.0	5.0	A.P.C.U.	0		
General Chemistry - Westborough Lab Associated sample(s): 01-03 QC Batch ID: WG1453291-3 QC Sample: L2101121-01 Client ID: WELL 1						
Turbidity	ND	ND	NTU	NC		13
General Chemistry - Westborough Lab Associated sample(s): 01-03 QC Batch ID: WG1453873-2 QC Sample: L2101121-01 Client ID: WELL 1						
Alkalinity, Bicarbonate	40.8	39.5	mg CaCO ₃ /L	3		9
General Chemistry - Westborough Lab Associated sample(s): 01-03 QC Batch ID: WG1453874-2 QC Sample: L2101121-01 Client ID: WELL 1						
Alkalinity, Carbonate	ND	ND	mg CaCO ₃ /L	NC		10
Anions by Ion Chromatography - Westborough Lab Associated sample(s): 01-03 QC Batch ID: WG1454679-4 QC Sample: L2101121-01 Client ID: WELL 1						
Chloride	6.89	6.90	mg/l	0		18
Sulfate	8.79	8.81	mg/l	0		20

Project Name: KINGFISH PUMP TEST**Lab Number:** L2101121**Project Number:** Not Specified**Report Date:** 01/26/21**Sample Receipt and Container Information**

Were project specific reporting limits specified?

YES

Cooler Information

Cooler	Custody Seal
A	Present/Intact
B	Present/Intact

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2101121-01A	Vial HCl preserved	B	NA		4.1	Y	Present/Intact		524.2(14)
L2101121-01B	Vial HCl preserved	B	NA		4.1	Y	Present/Intact		524.2(14)
L2101121-01C	Plastic 120ml unpreserved	A	8	8	4.8	Y	Present/Intact		TURB-180(2)
L2101121-01D	Plastic 120ml unpreserved	B	8	8	4.1	Y	Present/Intact		SO4-300(28),CL-300(28)
L2101121-01E	Plastic 250ml unpreserved/No Headspace	B	NA		4.1	Y	Present/Intact		ALK-HCO3-2320(14),ALK-CO3-2320(14)
L2101121-01F	Plastic 250ml HNO3 preserved	B	<2	<2	4.1	Y	Present/Intact		CA-UI(180),MN-2008T(180),K-UI(180),MG-UI(180),FE-UI(180),NA-UI(180)
L2101121-01G	Plastic 250ml NaOH preserved	B	>12	>12	4.1	Y	Present/Intact		TCN-4500(14)
L2101121-01H	Amber 500ml unpreserved	A	8	8	4.8	Y	Present/Intact		COLOR-T-2120(2),COLOR-A-2120(2)
L2101121-02A	Vial HCl preserved	B	NA		4.1	Y	Present/Intact		524.2(14)
L2101121-02B	Vial HCl preserved	B	NA		4.1	Y	Present/Intact		524.2(14)
L2101121-02C	Plastic 120ml unpreserved	A	7	7	4.8	Y	Present/Intact		TURB-180(2)
L2101121-02D	Plastic 120ml unpreserved	B	7	7	4.1	Y	Present/Intact		SO4-300(28),CL-300(28)
L2101121-02E	Plastic 250ml unpreserved/No Headspace	B	NA		4.1	Y	Present/Intact		ALK-HCO3-2320(14),ALK-CO3-2320(14)
L2101121-02F	Plastic 250ml HNO3 preserved	B	<2	<2	4.1	Y	Present/Intact		MN-2008T(180),CA-UI(180),K-UI(180),FE-UI(180),MG-UI(180),NA-UI(180)
L2101121-02G	Plastic 250ml NaOH preserved	B	>12	>12	4.1	Y	Present/Intact		TCN-4500(14)
L2101121-02H	Amber 500ml unpreserved	A	7	7	4.8	Y	Present/Intact		COLOR-T-2120(2),COLOR-A-2120(2)
L2101121-03A	Vial HCl preserved	B	NA		4.1	Y	Present/Intact		524.2(14)
L2101121-03B	Vial HCl preserved	B	NA		4.1	Y	Present/Intact		524.2(14)
L2101121-03C	Plastic 120ml unpreserved	A	7	7	4.8	Y	Present/Intact		TURB-180(2)
L2101121-03D	Plastic 120ml unpreserved	B	7	7	4.1	Y	Present/Intact		SO4-300(28),CL-300(28)
L2101121-03E	Plastic 250ml unpreserved/No Headspace	B	NA		4.1	Y	Present/Intact		ALK-HCO3-2320(14),ALK-CO3-2320(14)

Project Name: KINGFISH PUMP TEST
Project Number: Not Specified

Serial_No:01262119:23
Lab Number: L2101121
Report Date: 01/26/21

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2101121-03F	Plastic 250ml HNO3 preserved	B	<2	<2	4.1	Y	Present/Intact		CA-UI(180),MN-2008T(180),K-UI(180),FE-UI(180),MG-UI(180),NA-UI(180)
L2101121-03G	Plastic 250ml NaOH preserved	B	>12	>12	4.1	Y	Present/Intact		TCN-4500(14)
L2101121-03H	Amber 500ml unpreserved	A	7	7	4.8	Y	Present/Intact		COLOR-T-2120(2),COLOR-A-2120(2)
L2101121-04A	Vial HCl preserved	B	NA		4.1	Y	Present/Intact		524.2(14)
L2101121-04B	Vial HCl preserved	B	NA		4.1	Y	Present/Intact		524.2(14)

Project Name: KINGFISH PUMP TEST
Project Number: Not Specified

Lab Number: L2101121
Report Date: 01/26/21

GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: Data Usability Report



Project Name: KINGFISH PUMP TEST
Project Number: Not Specified

Lab Number: L2101121
Report Date: 01/26/21

Footnotes

- 1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. (Note: 'PFAS, Total (6)' is applicable to MassDEP DW compliance analysis only.). If a 'Total' result is requested, the results of its individual components will also be reported.

The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA, this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

- A** - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).
- C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
- D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
- E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
- F** - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.
- G** - The concentration may be biased high due to matrix interferences (i.e. co-elution) with non-target compound(s). The result should be considered estimated.
- H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
- I** - The lower value for the two columns has been reported due to obvious interference.
- J** - Estimated value. This represents an estimated concentration for Tentatively Identified Compounds (TICs).
- M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
- ND** - Not detected at the reporting limit (RL) for the sample.
- NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where

Report Format: Data Usability Report



Project Name: KINGFISH PUMP TEST
Project Number: Not Specified

Lab Number: L2101121
Report Date: 01/26/21

Data Qualifiers

the identification is based on a mass spectral library search.

- P** - The RPD between the results for the two columns exceeds the method-specified criteria.
- Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
- R** - Analytical results are from sample re-analysis.
- RE** - Analytical results are from sample re-extraction.
- S** - Analytical results are from modified screening analysis.

Project Name: KINGFISH PUMP TEST**Lab Number:** L2101121**Project Number:** Not Specified**Report Date:** 01/26/21

REFERENCES

- 3 Methods for the Determination of Metals in Environmental Samples, Supplement I. EPA/600/R-94/111. May 1994.
- 16 Methods for the Determination of Organic Compounds in Drinking Water - Supplement II. EPA/600/R-92/129, August 1992.
- 19 Inductively Coupled Plasma Atomic Emission Spectrometric Method for Trace Element Analysis of Water and Wastes. Appendix C, Part 136, 40 CFR (Code of Federal Regulations). July 1, 1999 edition.
- 44 Methods for the Determination of Inorganic Substances in Environmental Samples, EPA/600/R-93/100, August 1993.
- 121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.



Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility

EPA 624/624.1: m/p-xylene, o-xylene, Naphthalene

EPA 8260C: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.

EPA 8270D: NPW: Dimethylnaphthalene, 1,4-Diphenylhydrazine; SCM: Dimethylnaphthalene, 1,4-Diphenylhydrazine.

SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO₂, NO₃.

Mansfield Facility

SM 2540D: TSS

EPA 8082A: NPW: PCB: 1, 5, 31, 87, 101, 110, 141, 151, 153, 180, 183, 187.

EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene,

3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

EPA TO-12 Non-methane organics

EPA 3C Fixed gases

Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water

EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE,**

EPA 180.1, SM2130B, SM4500CI-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B

EPA 332: Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.

Microbiology: SM9215B; SM9223-P/A, SM9223B-Colilert-QT, SM9222D.

Non-Potable Water

SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1:** Ammonia-N, **LACHAT 10-107-06-1-B:** Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2:** Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300:** Chloride, Sulfate, Nitrate.

EPA 624.1: Volatile Halocarbons & Aromatics,

EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs

EPA 625.1: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045:** PCB-Oil.

Microbiology: SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603.

Mansfield Facility:

Drinking Water

EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.

EPA 522.

Non-Potable Water

EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.

EPA 200.8: Al, Sb, As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.

EPA 245.1 Hg.

SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.



CHAIN OF CUSTODY

PAGE 1 OF 1

8 Walkup Drive
Westboro, MA 01581
Tel: 508-898-9220

320 Forbes Blvd
Mansfield, MA 02048
Tel: 508-822-9300

Client Information

Client: **WOODARD AND CURRAN**
Address: **41 HUTCHINS DR
PORTLAND ME 04102**
Phone: **845-625-7844**
Email: **JSETTEMBRINO @
WOODARDCURRAN.COM**

Project Information

Project Name: **LINGFISH PUMP TEST**
Project Location: **JDNESPORT ME**
Project #: _____
Project Manager: **MEGAN MCDEVITT**
ALPHA Quote #: _____

Turn-Around Time

15-DAY Standard RUSH (only confirmed if pre-approved)
Date Due: _____

Date Rec'd in Lab: **1/8/21**

ALPHA Job #: **L2101121**

Report Information - Data Deliverables

ADEX EMAIL

Billing Information

Same as Client info PO #: _____

Regulatory Requirements & Project Information Requirements

Yes No MA MCP Analytical Methods Yes No CT RCP Analytical Methods
 Yes No Matrix Spike Required on this SDG? (Required for MCP Inorganics)
 Yes No GW1 Standards (Info Required for Metals & ERH with Targets)
 Yes No NPDES RGP
 Other State /Fed Program _____

Additional Project Information:

NOTE: ALPHA LABELS STILL SAY "2020" - SAMPLES TAKEN IN 2021, SEE BOTTLE ORDER REQUEST ATTACHED FOR ~~FILE~~ ANALYSIS IF UNCLEAR ON CHAIN.

ANALYSIS		SAMPLE INFO	
VOC: <input type="checkbox"/> 8260 <input type="checkbox"/> 624 <input checked="" type="checkbox"/> 924.2	SVOC: <input type="checkbox"/> ABN <input type="checkbox"/> PAH	Filtration	<input type="checkbox"/> Field <input type="checkbox"/> Lab to do
METALS: <input type="checkbox"/> MCP 13 <input type="checkbox"/> MCP 14 <input type="checkbox"/> RCP 15	METALS: <input type="checkbox"/> RCRA5 <input type="checkbox"/> RCRA8	Preservation	<input type="checkbox"/> Lab to do
EPH: <input type="checkbox"/> Ranges & Targets <input type="checkbox"/> Ranges Only	VPH: <input type="checkbox"/> Ranges & Targets <input type="checkbox"/> Ranges Only	Sample Comments	
TPH: <input type="checkbox"/> Quant Only <input type="checkbox"/> Fingerprint	SWFATE: <input type="checkbox"/> C-EPA 800.1		
	GLACIOLINATE/ELONATE		
	TOTAL CHLORIDE - EPA 800.1		
	SUPHUR CYANIDE - EPA 800.1		
	METHANYLENE CALCIUM SULFIDE		
	SM 21.20 - APPARENT COEFF. OF VARIATION		

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler Initials	ANALYSIS										TOTAL # BOTTLES								
		Date	Time			VOC	SVOC	METALS	METALS	EPH	VPH	PCB	TPH	SWFATE	GLACIOLINATE/ELONATE		TOTAL CHLORIDE - EPA 800.1	SUPHUR CYANIDE - EPA 800.1	METHANYLENE CALCIUM SULFIDE	SM 21.20 - APPARENT COEFF. OF VARIATION				
0112)-01	WELL 1	1/8/21	12:45	GW	JS	<input checked="" type="checkbox"/>																	8	
02	WELL 4	1/8/21	13:10	GW	JS	<input checked="" type="checkbox"/>																		8
03	WELL 5	1/8/21	13:45	GW	JS	<input checked="" type="checkbox"/>																		8
04	TRIP BLANK	12/23	-	LV	-	<input checked="" type="checkbox"/>																		2

Container Type

P= Plastic
A= Amber glass
V= Vial
G= Glass
B= Bacteria cup
C= Cube
O= Other
E= Encore
D= BOD Bottle

Preservative

A= None
B= HCl
C= HNO₃
D= H₂SO₄
E= NaOH
F= MeOH
G= NaHSO₄
H= Na₂S₂O₈
I= Ascorbic Acid
J= NH₄Cl
K= Zn Acetate
O= Other

Container Type

Preservative

Relinquished By:

[Signature]
Megan McDevitt

Date/Time

1/8/21 14:37
1/8/21 14:00

Received By:

[Signature]
Megan McDevitt

Date/Time

1/8/21 14:35
1/8/21 14:00
1/8/21 23:05

All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.



Bill Shipping Charge to

Shipper Next Day
Recipient Same Day

080945

10 Iron Road
Hermon, Maine 04401

Phone 207•848•7546 ■ Toll-Free 800•427•7547 ■ Fax 207•561•2467

390 US Route One, #3
Falmouth, Maine 04105

FROM: Shipper Alpha TO: Recipient Alpha
 Street 73 Center St. Street 8 walk up Drive
 Origin Brewer ME Zip Code 04417 Destination Westboro MA Zip Code 01581
 Phone # _____ Phone # _____

No. Pieces	Weight Each	Description of Items	Total Weight (Subject to Correction)	Oversize Charge	Shipping Charges
2		Cooler			

2 TOTAL PIECES WEIGHT GRAND TOTAL TOTAL CHARGES

Shipper authorizes Uniship to deliver this shipment without obtaining a delivery signature.

Shipper's Signature Henry B. G. White

Please use complete ship to address. Uniship can not deliver to P.O. Boxes.

RECEIVED, subject to the classifications and tariffs in effect on the date of the issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property, under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of said property overall or any portion of said route to destination and as to each party at any time interested in all or any of said property, that every service to be performed hereunder shall be subject to all the bill of lading terms and conditions in the governing classification on the date of shipment. Shipper hereby certifies that he is familiar with all the bill of lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

SHIPPER PICK-UP TIME 1:30 RECIPIENT Henry B. G. White DELIVERY TIME _____
 COURIER SIGNATURE [Signature] DATE 1-8-2011 COURIER SIGNATURE _____ DATE 1/8/11

RECIPIENT COPY





A & L LABORATORY

A DIVISION OF GRANITE STATE ANALYTICAL SERVICES, LLC.

Serial_No:01262119:23

155 Center Street, Building C, Auburn, Maine 04210
Phone (207) 784-5354 website www.allaboratory.com

Laboratory Report

Alpha Analytical
8 Walkup Dr.
Westborough, MA 01581

Date Printed: 01/26/2021
Work Order #: 2101-00792
Client Job #: L2101121
Date Received: 01/09/2021
Sample collected in: Maine

Attached please find results for the analysis of the samples received on the date referenced above.

Unless otherwise noted in the attached report, the analyses performed met the requirements of the analyzing laboratory's Quality Assurance Plan, Standard Operating Procedures and State Accreditation. This certificate shall not be reproduced, except in full, without the written approval of the analyzing laboratory. The results presented in this report relate to the samples listed on the following pages in the condition in which they were received. Accreditation for each analyte is identified by the * symbol following the analyte name. Location of our analyzing laboratory is identified by the code in the Analyst Column.

A & L Laboratory:
Identified by ME in Analyst Column
155 Center Street, Auburn, Maine 04210
www.allaboratory.com

Granite State Analytical Services LLC:
Identified by NH in Analyst Column
22 Manchester Road, Derry, NH 03038
www.granitestateanalytical.com

ANALYSIS RELATED NOTES:

- RL: "Reporting limit" means the lowest level of an analyte that can be accurately recovered from the matrix of interest.
- A & L Laboratory / Granite State Analytical Services LLC. accreditation lists can be found on our websites listed above.
- Subcontracted samples will be identified by the Accreditation number of the subcontract laboratory in the analyst field for each analyte and the appropriate laboratory will be listed here. **This report contains data that were produced by a subcontracted laboratory accredited for the fields of testing performed.**
KNL Laboratory Services, 3202 North Florida Avenue, Tampa, FL 33603 Accreditation # FL00117
- Data Qualifiers (DQ) Flags provide additional information in regards to the receipt, analysis or quality control of a sample. These are indicated under the DQ Flags Column on your report and listed here if necessary: **Data Qualifier (DQ) Flags: H = Hold time non-compliant.**

SAMPLE STATE SPECIFIC NOTES:

- The thermal preservation requirement of 4°C for nitrate & nitrite has been waived by the Maine CDC for all samples submitted to the Drinking Water Program.
- The State of Maine requires the reporting of radon test results in accordance with the Act (22 MSRA sec. 771 et seq.). The following for all tests completed by A & L will be reported to the state on a monthly basis: address of the structure tested, radon result, and whether or not there is a mitigation system in place. A + symbol indicates State of Maine Radon Registration.
- The Maximum Exposure Guideline(MEG) for water radon in Maine is 4,000pCi/L

Additional Narrative or Comments: **None**

We appreciate the opportunity to provide you with laboratory services. If you have any questions regarding the enclosed report, please contact the laboratory and we will be happy to assist you.

Rebecca L. Labranche
Laboratory Director

A & L Laboratory: Accreditations: Maine ME00021, New Hampshire 2501, Maine Radon Registration ID # SPC20
Granite State Analytical Services, LLC: Accreditations: New Hampshire 1015; Maine NH00003;
Massachusetts M-NH0003; Rhode Island 101513; Vermont VT-101507



A & L LABORATORY

A DIVISION OF GRANITE STATE ANALYTICAL SERVICES, LLC.

Serial_No:01262119:23

155 Center Street, Building C, Auburn, Maine 04210
 Phone (207) 784-5354 website www.allaboratory.com

CERTIFICATE OF ANALYSIS FOR DRINKING WATER

DATE PRINTED: 01/26/2021
CLIENT NAME: Alpha Analytical
CLIENT ADDRESS: 8 Walkup Dr.
 Westborough, MA 01581

SAMPLE ID #: 2101-00792-001
SAMPLED BY: Unknown

SAMPLE ADDRESS: Kingfish Pump Test
 Jonesport ME
 Well 1

MORE LOC INFO:

DATE AND TIME COLLECTED: 01/08/2021 12:40PM
DATE AND TIME RECEIVED: 01/09/2021 07:00AM
ANALYSIS PACKAGE: A & L MPN-ME
RECEIPT TEMPERATURE: ON ICE 3° CELSIUS

CLIENT JOB #: L2101121

Legend	
Passes	✓
Fails EPA Primary	⊗
Fails EPA Secondary	⚠
Fails State Guideline	✕
Attention	⚠

Test Description	Result	Test Units	Pass /Fail	DQ Flag	RL	Limit	Method	Analyst	Date - Time Analyzed
Coliform MPN*	<1	MPN/100mL	✓		1	No Limit	SM 9223 B	RL-ME	01/11/2021 06:30AM
E. coli MPN*	<1	MPN/100mL	✓		1	0	SM 9223 B	RL-ME	01/11/2021 06:30AM
Total Coliform / E.coli Bacteria Preparation (Colisure® Quanti-Tray®) 20th ED							SM 9223 B	TT-ME	01/09/2021 10:20AM

Rebecca L. Labranche
 Laboratory Director



A & L LABORATORY

A DIVISION OF GRANITE STATE ANALYTICAL SERVICES, LLC.

Serial_No:01262119:23

155 Center Street, Building C, Auburn, Maine 04210
Phone (207) 784-5354 website www.allaboratory.com

CERTIFICATE OF ANALYSIS FOR DRINKING WATER

DATE PRINTED: 01/26/2021
CLIENT NAME: Alpha Analytical
CLIENT ADDRESS: 8 Walkup Dr.
Westborough, MA 01581

SAMPLE ID #: 2101-00792-002
SAMPLED BY: Not given

SAMPLE ADDRESS: Kingfish Pump Test
Jonesport ME
MORE LOC INFO: Well 1

Legend	
Passes	✔
Fails EPA Primary	⊗
Fails EPA Secondary	⚠
Fails State Guideline	✘
Attention	⚠

DATE AND TIME COLLECTED: 01/08/2021 12:40PM
DATE AND TIME RECEIVED: 01/09/2021 07:00AM
ANALYSIS PACKAGE: A & L-IC-IOC Compliance-ME
RECEIPT TEMPERATURE: ON ICE 3° CELSIUS
CLIENT JOB #: L2101121

Test Description	Result	Test Units	Pass /Fail	DQ Flag	RL	Limit	Method	Analyst	Date - Time Analyzed
Calcium*	8.2	mg/L			1	No Limit	EPA 200.7	JLR-NH	01/12/2021 11:06AM
Iron*	0.029	mg/L	✔		0.01	0.3 mg/L	EPA 200.7	JLR-NH	01/12/2021 11:06AM
Magnesium*	2.2	mg/L			1	No Limit	EPA 200.7	JLR-NH	01/12/2021 11:06AM
Sodium*	10.4	mg/L			1	No Limit	EPA 200.7	JLR-NH	01/12/2021 11:06AM
Antimony*	<0.001	mg/L	✔		0.001	0.006 mg/L	EPA 200.8	JLR-NH	01/13/2021 04:43PM
Arsenic*	0.0098	mg/L	✔		0.001	0.010 mg/L	EPA 200.8	DR-NH	01/12/2021 12:03PM
Barium*	<0.001	mg/L	✔		0.001	2.00 mg/L	EPA 200.8	DR-NH	01/12/2021 12:03PM
Beryllium*	<0.001	mg/L	✔		0.001	0.004 mg/L	EPA 200.8	DR-NH	01/12/2021 12:03PM
Cadmium*	<0.001	mg/L	✔		0.001	0.005 mg/L	EPA 200.8	DR-NH	01/12/2021 12:03PM
Chromium*	0.0010	mg/L	✔		0.001	0.1 mg/L	EPA 200.8	DR-NH	01/12/2021 12:03PM
Copper*	<0.001	mg/L	✔		0.001	1.3 mg/L	EPA 200.8	DR-NH	01/12/2021 12:03PM
Lead*	<0.001	mg/L	✔		0.001	0.015 mg/L	EPA 200.8	DR-NH	01/12/2021 12:03PM
Manganese*	<0.001	mg/L	✔		0.001	0.05 mg/L	EPA 200.8	DR-NH	01/12/2021 12:03PM
Mercury*	<0.0001	mg/L	✔		0.0001	0.002 mg/L	EPA 200.8	JLR-NH	01/12/2021 11:01AM
Nickel*	<0.001	mg/L			0.001	No limit	EPA 200.8	DR-NH	01/12/2021 12:03PM
Selenium*	<0.001	mg/L	✔		0.001	0.05 mg/L	EPA 200.8	DR-NH	01/19/2021 11:27AM
Silver*	<0.001	mg/L	✔		0.001	0.1 mg/L	EPA 200.8	JLR-NH	01/13/2021 04:43PM
Thallium*	<0.001	mg/L	✔		0.001	0.002 mg/L	EPA 200.8	JLR-NH	01/13/2021 04:43PM
Uranium*	1.5	ug/L	✔		1	30 ug/L	EPA 200.8	DR-NH	01/12/2021 12:03PM
Zinc*	<0.001	mg/L	✔		0.001	5 mg/L	EPA 200.8	DR-NH	01/12/2021 12:03PM
Uranium	1.0	pCi/L	✔		0.67	20 pCi/L	EPA 200.8 Calc.	DR-NH	01/12/2021 12:03PM
Chloride*	7	mg/L	✔		2	250 mg/L	EPA 300.0	TT-ME	01/09/2021 10:22AM
Fluoride*	<0.2	mg/L	✔		0.2	4.0 mg/L	EPA 300.0	TT-ME	01/09/2021 10:22AM
Nitrate as N*	<0.2	mg/L	✔		0.2	10 mg/L	EPA 300.0	TT-ME	01/09/2021 10:22AM

Rebecca L. Labranche
Laboratory Director



A & L LABORATORY

A DIVISION OF GRANITE STATE ANALYTICAL SERVICES, LLC.

Serial_No:01262119:23

155 Center Street, Building C, Auburn, Maine 04210
 Phone (207) 784-5354 website www.allaboratory.com

CERTIFICATE OF ANALYSIS FOR DRINKING WATER

DATE PRINTED: 01/26/2021
CLIENT NAME: Alpha Analytical
CLIENT ADDRESS: 8 Walkup Dr.
 Westborough, MA 01581

SAMPLE ID #: 2101-00792-002
SAMPLED BY: Not given

SAMPLE ADDRESS: Kingfish Pump Test
 Jonesport ME
MORE LOC INFO: Well 1

Legend	
Passes	✓
Fails EPA Primary	⊗
Fails EPA Secondary	▼
Fails State Guideline	✕
Attention	⚠

DATE AND TIME COLLECTED: 01/08/2021 12:40PM
DATE AND TIME RECEIVED: 01/09/2021 07:00AM
ANALYSIS PACKAGE: A & L-IC-IOC Compliance-ME
RECEIPT TEMPERATURE: ON ICE 3° CELSIUS
CLIENT JOB #: L2101121

Test Description	Result	Test Units	Pass /Fail	DQ Flag	RL	Limit	Method	Analyst	Date - Time Analyzed
Nitrite as N*	<0.2	mg/L	✓		0.2	1 mg/L	EPA 300.0	TT-ME	01/09/2021 10:22AM
Sulfate*	9	mg/L	✓		2	250 mg/L	EPA 300.0	TT-ME	01/09/2021 10:22AM
Hardness (calc.)*	29.5	mg CaCO3/L			2	No Limit	SM 2340 B	JLR-NH	01/12/2021 11:06AM
pH*	8.61	SU	▼	H	--	6.5 - 8.5 SU	SM 4500-H+B	TT-ME	01/09/2021 09:05AM

Rebecca L. Labranche
 Laboratory Director



A & L LABORATORY

A DIVISION OF GRANITE STATE ANALYTICAL SERVICES, LLC.

155 Center Street, Building C, Auburn, Maine 04210
 Phone (207) 784-5354 website www.allaboratory.com

CERTIFICATE OF ANALYSIS FOR DRINKING WATER

DATE PRINTED: 01/26/2021
CLIENT NAME: Alpha Analytical
CLIENT ADDRESS: 8 Walkup Dr.
 Westborough, MA 01581

SAMPLE ID #: 2101-00792-004
SAMPLED BY: Not given

SAMPLE ADDRESS: Kingfish Pump Test
 Jonesport ME

MORE LOC INFO: Well 1

Legend	
Passes	✓
Fails EPA Primary	⊗
Fails EPA Secondary	⚠
Fails State Guideline	✕
Attention	⚠

DATE AND TIME COLLECTED: 01/08/2021 12:40PM

DATE AND TIME RECEIVED: 01/09/2021 07:00AM

ANALYSIS PACKAGE: A & L Gross
 Alpha/Uranium
 Compliance-ME

RECEIPT TEMPERATURE: ON ICE 3° CELSIUS

CLIENT JOB #: L2101121

Test Description	Result	Test Units	Pass /Fail	DQ Flag	RL	Limit	Method	Analyst	Date - Time Analyzed
Uranium*	1.5	ug/L	✓		1	30 ug/L	EPA 200.8	JLR-NH	01/11/2021 05:08PM
Uranium	1.0	pCi/L	✓		0.67	20 pCi/L	EPA 200.8 Calc.	JLR-NH	01/11/2021 05:08PM
Analytical Gross Alpha*	1.8	pCi/L			---	No Limit	EPA 900.0	FL00117	01/15/2021 08:01AM
Compliance Gross Alpha*	<2.5	pCi/L	✓		---	15 pCi/L	N/A Calculation	RL-ME	01/15/2021 08:01AM

Rebecca L. Labranche
 Laboratory Director



A & L LABORATORY

A DIVISION OF GRANITE STATE ANALYTICAL SERVICES, LLC.

155 Center Street, Building C, Auburn, Maine 04210
 Phone (207) 784-5354 website www.allaboratory.com

CERTIFICATE OF ANALYSIS FOR DRINKING WATER

DATE PRINTED: 01/26/2021
CLIENT NAME: Alpha Analytical
CLIENT ADDRESS: 8 Walkup Dr.
 Westborough, MA 01581

SAMPLE ID #: 2101-00792-005
SAMPLED BY: Not given

SAMPLE ADDRESS: Kingfish Pump Test

MORE LOC INFO: Not given Well 1

Legend	
Passes	✓
Fails EPA Primary	⊗
Fails EPA Secondary	▼
Fails State Guideline	✕
Attention	⚠

DATE AND TIME COLLECTED: 01/08/2021 12:40PM
DATE AND TIME RECEIVED: 01/09/2021 07:00AM
ANALYSIS PACKAGE: A & L Radon Water
RECEIPT TEMPERATURE: ON ICE 3° CELSIUS

CLIENT JOB #: L2101121

Test Description	Result	Test Units	Pass /Fail	DQ Flag	RL	Limit	Method	Analyst	Date - Time Analyzed
Radon+	1,739	pCi/L	✓		100	4000 pCi/L	SM 7500-RN B	TT-ME	01/09/2021 03:50PM

Rebecca L. Labranche
 Laboratory Director



A & L LABORATORY

A DIVISION OF GRANITE STATE ANALYTICAL SERVICES, LLC.

Serial_No:01262119:23

155 Center Street, Building C, Auburn, Maine 04210
Phone (207) 784-5354 website www.allaboratory.com

CERTIFICATE OF ANALYSIS FOR DRINKING WATER

DATE PRINTED: 01/26/2021
CLIENT NAME: Alpha Analytical
CLIENT ADDRESS: 8 Walkup Dr.
Westborough, MA 01581

SAMPLE ID #: 2101-00792-006
SAMPLED BY: Not given

SAMPLE ADDRESS: Kingfish Pump Test
Jonesport ME
Well 1

MORE LOC INFO:

Legend	
Passes	✔
Fails EPA Primary	⊗
Fails EPA Secondary	⚠
Fails State Guideline	✘
Attention	⚠

DATE AND TIME COLLECTED: 01/08/2021 12:40PM
DATE AND TIME RECEIVED: 01/09/2021 07:00AM
ANALYSIS PACKAGE: SOC GSA ME
RECEIPT TEMPERATURE: ON ICE 3° CELSIUS

CLIENT JOB #: L2101121

Test Description	Result	Test Units	Pass /Fail	DQ Flag	RL	Limit	Method	Analyst	Date - Time Analyzed
1,2-Dibromo-3-chloropropane (DBCP)*	<0.02	ug/L	✔		0.02	0.2 ug/L	EPA 504.1	KV-NH	01/12/2021 08:27PM
Date Extracted	-					No Limit	EPA 504.1	TA-NH	01/12/2021 09:00AM
Ethylene Dibromide (EDB)*	<0.02	ug/L	✔		0.02	0.05 ug/L	EPA 504.1	KV-NH	01/12/2021 08:27PM
Aroclor 1016 Screen*	<0.2	ug/L			0.2	No Limit	EPA 505	KV-NH	01/13/2021 12:50AM
Aroclor 1221 Screen*	<0.2	ug/L			0.2	No Limit	EPA 505	KV-NH	01/13/2021 12:50AM
Aroclor 1232 Screen*	<0.2	ug/L			0.2	No Limit	EPA 505	KV-NH	01/13/2021 12:50AM
Aroclor 1242 Screen*	<0.2	ug/L			0.2	No Limit	EPA 505	KV-NH	01/13/2021 12:50AM
Aroclor 1248 Screen*	<0.2	ug/L			0.2	No Limit	EPA 505	KV-NH	01/13/2021 12:50AM
Aroclor 1254 Screen*	<0.2	ug/L			0.2	No Limit	EPA 505	KV-NH	01/13/2021 12:50AM
Aroclor 1260 Screen*	<0.2	ug/L			0.2	No Limit	EPA 505	KV-NH	01/13/2021 12:50AM
Chlordane*	<0.4	ug/L	✔		0.4	2.0 ug/L	EPA 505	KV-NH	01/13/2021 12:50AM
Date Extracted	-					No Limit	EPA 505	TA-NH	01/12/2021 09:00AM
Total PCBs (calc.)*	<0.2	ug/L			0.2	No Limit	EPA 505	KV-NH	01/13/2021 12:50AM
Toxaphene*	<2	ug/L	✔		2.0	3 ug/L	EPA 505	KV-NH	01/13/2021 12:50AM
2,4,5-TP (Silvex)*	<0.25	ug/L	✔		0.25	50 ug/L	EPA 515.3	KV-NH	01/14/2021 11:35PM
2,4-D*	<1	ug/L	✔		1	70 ug/L	EPA 515.3	KV-NH	01/14/2021 11:35PM
Dalapon*	<1	ug/L	✔		1	200 ug/L	EPA 515.3	KV-NH	01/14/2021 11:35PM
Date Extracted	-					No Limit	EPA 515.3	TA-NH	01/14/2021 09:20AM
Dicamba*	<0.5	ug/L			0.5	No Limit	EPA 515.3	KV-NH	01/14/2021 11:35PM
Dinoseb*	<1	ug/L	✔		1	7 ug/L	EPA 515.3	KV-NH	01/14/2021 11:35PM
Pentachlorophenol*	<0.1	ug/L	✔		0.1	1 ug/L	EPA 515.3	KV-NH	01/14/2021 11:35PM
Picloram*	<2	ug/L	✔		2	500 ug/L	EPA 515.3	KV-NH	01/14/2021 11:35PM
2,4-Dichlorophenylacetic acid	97	%	✔			70-130%	EPA 515.3 - SS	KV-NH	01/14/2021 11:35PM

Rebecca L. Labranche
Laboratory Director



A & L LABORATORY

A DIVISION OF GRANITE STATE ANALYTICAL SERVICES, LLC.

Serial_No:01262119:23

155 Center Street, Building C, Auburn, Maine 04210
Phone (207) 784-5354 website www.allaboratory.com

CERTIFICATE OF ANALYSIS FOR DRINKING WATER

DATE PRINTED: 01/26/2021
CLIENT NAME: Alpha Analytical
CLIENT ADDRESS: 8 Walkup Dr.
Westborough, MA 01581

SAMPLE ID #: 2101-00792-006
SAMPLED BY: Not given

SAMPLE ADDRESS: Kingfish Pump Test
Jonesport ME
Well 1

MORE LOC INFO: Well 1

Legend	
Passes	✓
Fails EPA Primary	⊗
Fails EPA Secondary	⚠
Fails State Guideline	✗
Attention	⚠

DATE AND TIME COLLECTED: 01/08/2021 12:40PM
DATE AND TIME RECEIVED: 01/09/2021 07:00AM
ANALYSIS PACKAGE: SOC GSA ME
RECEIPT TEMPERATURE: ON ICE 3° CELSIUS

CLIENT JOB #: L2101121

Test Description	Result	Test Units	Pass /Fail	DQ Flag	RL	Limit	Method	Analyst	Date - Time Analyzed
Alachlor*	<0.1	ug/L	✓		0.1	2 ug/L	EPA 525.2	DD-NH	01/12/2021 01:52PM
Aldrin*	<0.1	ug/L			0.1	No Limit	EPA 525.2	DD-NH	01/12/2021 01:52PM
Atrazine*	<0.1	ug/L	✓		0.1	3 ug/L	EPA 525.2	DD-NH	01/12/2021 01:52PM
Benzo(a)pyrene*	<0.1	ug/L	✓		0.1	0.2 ug/L	EPA 525.2	DD-NH	01/12/2021 01:52PM
Butachlor*	<0.1	ug/L			0.1	No Limit	EPA 525.2	DD-NH	01/12/2021 01:52PM
Date Extracted	-					No Limit	EPA 525.2	GQ-NH	01/11/2021 10:30AM
Di(2-ethylhexyl)adipate*	<1	ug/L	✓		1	400 ug/L	EPA 525.2	DD-NH	01/12/2021 01:52PM
Di(2-ethylhexyl)phthalate*	<1	ug/L	✓		1	6 ug/L	EPA 525.2	DD-NH	01/12/2021 01:52PM
Dieldrin*	<0.1	ug/L			0.1	No Limit	EPA 525.2	DD-NH	01/12/2021 01:52PM
Endrin*	<0.1	ug/L	✓		0.1	2 ug/L	EPA 525.2	DD-NH	01/12/2021 01:52PM
Heptachlor Epoxide*	<0.1	ug/L	✓		0.1	0.2 ug/L	EPA 525.2	DD-NH	01/12/2021 01:52PM
Heptachlor*	<0.1	ug/L	✓		0.1	0.4 ug/L	EPA 525.2	DD-NH	01/12/2021 01:52PM
Hexachlorobenzene*	<0.1	ug/L	✓		0.1	1 ug/L	EPA 525.2	DD-NH	01/12/2021 01:52PM
Hexachlorocyclopentadiene*	<0.1	ug/L	✓		0.1	50 ug/L	EPA 525.2	DD-NH	01/12/2021 01:52PM
Lindane*	<0.1	ug/L	✓		0.1	0.2 ug/L	EPA 525.2	DD-NH	01/12/2021 01:52PM
Methoxychlor*	<0.1	ug/L	✓		0.1	40 ug/L	EPA 525.2	DD-NH	01/12/2021 01:52PM
Metolachlor*	<0.1	ug/L			0.1	No Limit	EPA 525.2	DD-NH	01/12/2021 01:52PM
Metribuzin*	<0.1	ug/L	✓		0.1	70 ug/L	EPA 525.2	DD-NH	01/12/2021 01:52PM
Propachlor*	<0.1	ug/L			0.1	No Limit	EPA 525.2	DD-NH	01/12/2021 01:52PM
Simazine*	<0.1	ug/L	✓		0.1	4 ug/L	EPA 525.2	DD-NH	01/12/2021 01:52PM
1,3-Dimethyl-2-nitrobenzene	100	%	✓			70-130%	EPA 525.2 - SS	DD-NH	01/12/2021 01:52PM
Perylene-d12	88	%	✓			70-130%	EPA 525.2 - SS	DD-NH	01/12/2021 01:52PM
Pyrene-d10	93	%	✓			70-130%	EPA 525.2 - SS	DD-NH	01/12/2021 01:52PM
Triphenylphosphate	108	%	✓			70-130%	EPA 525.2 - SS	DD-NH	01/12/2021 01:52PM

Rebecca L. Labranche
Laboratory Director



A & L LABORATORY

A DIVISION OF GRANITE STATE ANALYTICAL SERVICES, LLC.

Serial_No:01262119:23

155 Center Street, Building C, Auburn, Maine 04210
Phone (207) 784-5354 website www.allaboratory.com

CERTIFICATE OF ANALYSIS FOR DRINKING WATER

DATE PRINTED: 01/26/2021
CLIENT NAME: Alpha Analytical
CLIENT ADDRESS: 8 Walkup Dr.
Westborough, MA 01581

SAMPLE ID #: 2101-00792-006
SAMPLED BY: Not given

SAMPLE ADDRESS: Kingfish Pump Test
Jonesport ME
Well 1

MORE LOC INFO:

Legend	
Passes	✔
Fails EPA Primary	⊗
Fails EPA Secondary	⚠
Fails State Guideline	✘
Attention	⚠

DATE AND TIME COLLECTED: 01/08/2021 12:40PM
DATE AND TIME RECEIVED: 01/09/2021 07:00AM
ANALYSIS PACKAGE: SOC GSA ME
RECEIPT TEMPERATURE: ON ICE 3° CELSIUS

CLIENT JOB #: L2101121

Test Description	Result	Test Units	Pass /Fail	DQ Flag	RL	Limit	Method	Analyst	Date - Time Analyzed
3-Hydroxycarbofuran*	<1	ug/L			1	No Limit	EPA 531.1	KV-NH	01/19/2021 03:34AM
Aldicarb Sulfone*	<1	ug/L			1	No Limit	EPA 531.1	KV-NH	01/19/2021 03:34AM
Aldicarb Sulfoxide*	<1	ug/L			1	No Limit	EPA 531.1	KV-NH	01/19/2021 03:34AM
Aldicarb*	<1	ug/L			1	No Limit	EPA 531.1	KV-NH	01/19/2021 03:34AM
Carbaryl*	<1	ug/L			1	No Limit	EPA 531.1	KV-NH	01/19/2021 03:34AM
Carbofuran*	<1	ug/L	✔		1	40 ug/L	EPA 531.1	KV-NH	01/19/2021 03:34AM
Date Extracted	-					No Limit	EPA 531.1	KV-NH	01/18/2021 04:20PM
Methiocarb*	<1	ug/L			1	No Limit	EPA 531.1	KV-NH	01/19/2021 03:34AM
Methomyl*	<1	ug/L			1	No Limit	EPA 531.1	KV-NH	01/19/2021 03:34AM
Oxamyl (Vydate)*	<1	ug/L	✔		1	200 ug/L	EPA 531.1	KV-NH	01/19/2021 03:34AM
Propoxur (Baygon)*	<1	ug/L			1	No Limit	EPA 531.1	KV-NH	01/19/2021 03:34AM

Rebecca L. Labranche
Laboratory Director



A & L LABORATORY

A DIVISION OF GRANITE STATE ANALYTICAL SERVICES, LLC.

Serial_No:01262119:23

155 Center Street, Building C, Auburn, Maine 04210
 Phone (207) 784-5354 website www.allaboratory.com

CERTIFICATE OF ANALYSIS FOR DRINKING WATER

DATE PRINTED: 01/26/2021
CLIENT NAME: Alpha Analytical
CLIENT ADDRESS: 8 Walkup Dr.
 Westborough, MA 01581

SAMPLE ID #: 2101-00792-007
SAMPLED BY:

SAMPLE ADDRESS: ME

MORE LOC INFO: QC

Legend	
Passes	✓
Fails EPA Primary	⊗
Fails EPA Secondary	⚠
Fails State Guideline	✗
Attention	⚠

DATE AND TIME COLLECTED:
DATE AND TIME RECEIVED: 01/09/2021 07:00AM
ANALYSIS PACKAGE: QC 300.0 A&L IOC
RECEIPT TEMPERATURE: ON ICE 3° CELSIUS
CLIENT JOB #: L2101121

Test Description	Result	Test Units	Pass /Fail	DQ Flag	RL	Limit	Method	Analyst	Date - Time Analyzed
Chloride Initial IPC	93	%	✓		0	90-110%	EPA 300.0	TT-ME	01/09/2021 08:50AM
Chloride LFB	100	%	✓		0	90-110%	EPA 300.0	TT-ME	01/09/2021 09:20AM
Chloride LRB	<2.0	mg/L	✓		2.0	2.0	EPA 300.0	TT-ME	01/09/2021 08:03AM
Chloride QCS	103	%	✓		0	90-110%	EPA 300.0	TT-ME	01/09/2021 08:34AM
Fluoride Initial IPC	94	%	✓		0	90-110%	EPA 300.0	TT-ME	01/09/2021 08:50AM
Fluoride LFB	100	%	✓		0	90-110%	EPA 300.0	TT-ME	01/09/2021 09:20AM
Fluoride LRB	<0.2	mg/L	✓		0.2	0.2	EPA 300.0	TT-ME	01/09/2021 08:03AM
Fluoride QCS	110	%	✓		0	90-110%	EPA 300.0	TT-ME	01/09/2021 08:34AM
Nitrate Initial IPC	94	%	✓		0	90-110%	EPA 300.0	TT-ME	01/09/2021 08:50AM
Nitrate LFB	100	%	✓		0	90-110%	EPA 300.0	TT-ME	01/09/2021 09:20AM
Nitrate LRB	<0.2	mg/L	✓		0.2	0.2	EPA 300.0	TT-ME	01/09/2021 08:03AM
Nitrate QCS	101	%	✓		0	90-110%	EPA 300.0	TT-ME	01/09/2021 08:34AM
Nitrite Initial IPC	93	%	✓		0	90-110%	EPA 300.0	TT-ME	01/09/2021 08:50AM
Nitrite LFB	100	%	✓		0	90-110%	EPA 300.0	TT-ME	01/09/2021 09:20AM
Nitrite LRB	<0.2	mg/L	✓		0.2	0.2	EPA 300.0	TT-ME	01/09/2021 08:03AM
Nitrite QCS	105	%	✓		0	90-110%	EPA 300.0	TT-ME	01/09/2021 08:34AM
Sulfate Initial IPC	95	%	✓		0	90-110%	EPA 300.0	TT-ME	01/09/2021 08:50AM
Sulfate LFB	100	%	✓		0	90-110%	EPA 300.0	TT-ME	01/09/2021 09:20AM
Sulfate LRB	<2.0	mg/L	✓		2.0	2.0	EPA 300.0	TT-ME	01/09/2021 08:03AM
Sulfate QCS	105	%	✓		0	90-110%	EPA 300.0	TT-ME	01/09/2021 08:34AM
pH CCS	7.01	SU	✓		--	6.9-7.1 SU	SM 4500-H+ B	TT-ME	01/09/2021 09:58AM
pH LCS	7.06	SU	✓		--	6.9-7.1 SU	SM 4500-H+ B	TT-ME	01/09/2021 08:59AM

Rebecca L. Labranche
 Laboratory Director



A & L LABORATORY

A DIVISION OF GRANITE STATE ANALYTICAL SERVICES, LLC.

Serial_No:01262119:23

155 Center Street, Building C, Auburn, Maine 04210
Phone (207) 784-5354 website www.allaboratory.com

CERTIFICATE OF ANALYSIS FOR DRINKING WATER

DATE PRINTED: 01/26/2021
CLIENT NAME: Alpha Analytical
CLIENT ADDRESS: 8 Walkup Dr.
 Westborough, MA 01581
SAMPLE ID #: 2101-00792-008
SAMPLED BY:
SAMPLE ADDRESS: ME
MORE LOC INFO: QC Data EPA 200.7

Legend	
Passes	✓
Fails EPA Primary	⊗
Fails EPA Secondary	▼
Fails State Guideline	✕
Attention	⚠

DATE AND TIME COLLECTED:
DATE AND TIME RECEIVED: 01/09/2021 07:00AM
ANALYSIS PACKAGE: QC 200.7 A&L IOC
RECEIPT TEMPERATURE: ON ICE 3° CELSIUS
CLIENT JOB #: L2101121

Test Description	Result	Test Units	Pass /Fail	DQ Flag	RL	Limit	Method	Analyst	Date - Time Analyzed
Calcium Continuing Cal. Blank	<1	mg/L	✓		1	1 mg/L	EPA 200.7	JLR-NH	01/12/2021 10:49AM
Calcium Continuing Cal. Verification	100	%	✓			90-110 %	EPA 200.7	JLR-NH	01/12/2021 10:48AM
Calcium Initial Cal. Blank	<1	mg/L	✓		1	1 mg/L	EPA 200.7	JLR-NH	01/12/2021 10:45AM
Calcium Initial Cal. Verification	99	%	✓			90-110 %	EPA 200.7	JLR-NH	01/12/2021 10:42AM
Iron Continuing Cal. Blank	<0.01	mg/L	✓		0.01	0.01 mg/L	EPA 200.7	JLR-NH	01/12/2021 10:49AM
Iron Continuing Cal. Verification	98	%	✓			90-110 %	EPA 200.7	JLR-NH	01/12/2021 10:46AM
Iron Initial Cal. Blank	<0.01	mg/L	✓		0.01	0.01 mg/L	EPA 200.7	JLR-NH	01/12/2021 10:45AM
Iron Initial Cal. Verification	100	%	✓			90-110 %	EPA 200.7	JLR-NH	01/12/2021 10:42AM
Magnesium Continuing Cal. Blank	<1	mg/L	✓		1	1 mg/L	EPA 200.7	JLR-NH	01/12/2021 10:49AM
Magnesium Continuing Cal. Verification	101	%	✓			90-110 %	EPA 200.7	JLR-NH	01/12/2021 10:48AM
Magnesium Initial Cal. Blank	<1	mg/L	✓		1	1 mg/L	EPA 200.7	JLR-NH	01/12/2021 10:45AM
Magnesium Initial Cal. Verification	98	%	✓			90-110 %	EPA 200.7	JLR-NH	01/12/2021 10:42AM
Sodium Continuing Cal. Blank	<1	mg/L	✓		1	1 mg/L	EPA 200.7	JLR-NH	01/12/2021 10:49AM
Sodium Continuing Cal. Verification	101	%	✓			90-110 %	EPA 200.7	JLR-NH	01/12/2021 10:48AM
Sodium Initial Cal. Blank	<1	mg/L	✓		1	1 mg/L	EPA 200.7	JLR-NH	01/12/2021 10:45AM
Sodium Initial Cal. Verification	99	%	✓			90-110 %	EPA 200.7	JLR-NH	01/12/2021 10:42AM

Rebecca L. Labranche
Laboratory Director



A & L LABORATORY

A DIVISION OF GRANITE STATE ANALYTICAL SERVICES, LLC.

Serial_No:01262119:23

155 Center Street, Building C, Auburn, Maine 04210
Phone (207) 784-5354 website www.allaboratory.com

CERTIFICATE OF ANALYSIS FOR DRINKING WATER

DATE PRINTED: 01/26/2021
CLIENT NAME: Alpha Analytical
CLIENT ADDRESS: 8 Walkup Dr.
Westborough, MA 01581

SAMPLE ID #: 2101-00792-009
SAMPLED BY:

SAMPLE ADDRESS: ME

MORE LOC INFO: QC

Legend	
Passes	✓
Fails EPA Primary	⊗
Fails EPA Secondary	▼
Fails State Guideline	✕
Attention	⚠

DATE AND TIME COLLECTED:
DATE AND TIME RECEIVED: 01/09/2021 07:00AM
ANALYSIS PACKAGE: QC 200.8
RECEIPT TEMPERATURE: ON ICE 3° CELSIUS
CLIENT JOB #: L2101121

Test Description	Result	Test Units	Pass /Fail	DQ Flag	RL	Limit	Method	Analyst	Date - Time Analyzed
Antimony Continuing Cal. Blank	<0.001	mg/L	✓		0.001	0.001 mg/L	EPA 200.8	JLR-NH	01/13/2021 04:22PM
Antimony Continuing Cal. Verification	107	%	✓		0	90-110 %	EPA 200.8	JLR-NH	01/13/2021 04:18PM
Antimony Initial Cal. Blank	<0.001	mg/L	✓		0.001	0.001 mg/L	EPA 200.8	JLR-NH	01/13/2021 04:11PM
Antimony Initial Cal. Verification	98	%	✓		0	90-110 %	EPA 200.8	JLR-NH	01/13/2021 04:07PM
Arsenic Continuing Cal. Blank	<0.001	mg/L	✓		0.001	0.001 mg/L	EPA 200.8	DR-NH	01/12/2021 11:37AM
Arsenic Continuing Cal. Verification	98	%	✓		0	90-110 %	EPA 200.8	DR-NH	01/12/2021 11:34AM
Arsenic Initial Cal. Blank	<0.001	mg/L	✓		0.001	0.001 mg/L	EPA 200.8	DR-NH	01/12/2021 10:53AM
Arsenic Initial Cal. Verification	97	%	✓		0	90-110 %	EPA 200.8	DR-NH	01/12/2021 10:51AM
Barium Continuing Cal. Blank	<0.001	mg/L	✓		0.001	0.001 mg/L	EPA 200.8	DR-NH	01/12/2021 11:37AM
Barium Continuing Cal. Verification	99	%	✓		0	90-110 %	EPA 200.8	DR-NH	01/12/2021 11:34AM
Barium Initial Cal. Blank	<0.001	mg/L	✓		0.001	0.001 mg/L	EPA 200.8	DR-NH	01/12/2021 10:53AM
Barium Initial Cal. Verification	97	%	✓		0	90-110 %	EPA 200.8	DR-NH	01/12/2021 10:51AM
Beryllium Continuing Cal. Blank	<0.001	mg/L	✓		0.001	0.001 mg/L	EPA 200.8	DR-NH	01/12/2021 11:37AM
Beryllium Continuing Cal. Verification	101	%	✓		0	90-110 %	EPA 200.8	DR-NH	01/12/2021 11:34AM
Beryllium Initial Cal. Blank	<0.001	mg/L	✓		0.001	0.001 mg/L	EPA 200.8	DR-NH	01/12/2021 10:53AM
Beryllium Initial Cal. Verification	98	%	✓		0	90-110 %	EPA 200.8	DR-NH	01/12/2021 10:51AM
Cadmium Continuing Cal. Blank	<0.001	mg/L	✓		0.001	0.001 mg/L	EPA 200.8	DR-NH	01/12/2021 11:37AM

Rebecca L. Labranche
Laboratory Director



A & L LABORATORY

A DIVISION OF GRANITE STATE ANALYTICAL SERVICES, LLC.

Serial_No:01262119:23

155 Center Street, Building C, Auburn, Maine 04210
Phone (207) 784-5354 website www.allaboratory.com

CERTIFICATE OF ANALYSIS FOR DRINKING WATER

DATE PRINTED: 01/26/2021
CLIENT NAME: Alpha Analytical
CLIENT ADDRESS: 8 Walkup Dr.
Westborough, MA 01581

SAMPLE ID #: 2101-00792-009
SAMPLED BY:

SAMPLE ADDRESS: ME

MORE LOC INFO: QC

Legend	
Passes	✓
Fails EPA Primary	⊗
Fails EPA Secondary	▼
Fails State Guideline	✕
Attention	⚠

DATE AND TIME COLLECTED:
DATE AND TIME RECEIVED: 01/09/2021 07:00AM
ANALYSIS PACKAGE: QC 200.8
RECEIPT TEMPERATURE: ON ICE 3° CELSIUS
CLIENT JOB #: L2101121

Test Description	Result	Test Units	Pass /Fail	DQ Flag	RL	Limit	Method	Analyst	Date - Time Analyzed
Cadmium Continuing Cal. Verification	106	%	✓		0	90-110 %	EPA 200.8	DR-NH	01/12/2021 11:34AM
Cadmium Initial Cal. Blank	<0.001	mg/L	✓		0.001	0.001 mg/L	EPA 200.8	DR-NH	01/12/2021 10:53AM
Cadmium Initial Cal. Verification	102	%	✓		0	90-110 %	EPA 200.8	DR-NH	01/12/2021 10:51AM
Chromium Continuing Cal. Blank	<0.001	mg/L	✓		0.001	0.001 mg/L	EPA 200.8	DR-NH	01/12/2021 11:37AM
Chromium Continuing Cal. Verification	103	%	✓		0	90-110 %	EPA 200.8	DR-NH	01/12/2021 11:34AM
Chromium Initial Cal. Blank	<0.001	mg/L	✓		0.001	0.001 mg/L	EPA 200.8	DR-NH	01/12/2021 10:53AM
Chromium Initial Cal. Verification	101	%	✓		0	90-110 %	EPA 200.8	DR-NH	01/12/2021 10:51AM
Copper Continuing Cal. Blank	<0.001	mg/L	✓		0.001	0.001 mg/L	EPA 200.8	DR-NH	01/12/2021 11:37AM
Copper Continuing Cal. Verification	97	%	✓		0	90-110 %	EPA 200.8	DR-NH	01/12/2021 11:34AM
Copper Initial Cal. Blank	<0.001	mg/L	✓		0.001	0.001 mg/L	EPA 200.8	DR-NH	01/12/2021 10:53AM
Copper Initial Cal. Verification	95	%	✓		0	90-110 %	EPA 200.8	DR-NH	01/12/2021 10:51AM
Lead Continuing Cal. Blank	<0.001	mg/L	✓		0.001	0.001 mg/L	EPA 200.8	DR-NH	01/12/2021 11:37AM
Lead Continuing Cal. Verification	100	%	✓		0	90-110 %	EPA 200.8	DR-NH	01/12/2021 11:34AM
Lead Initial Cal. Blank	<0.001	mg/L	✓		0.001	0.001 mg/L	EPA 200.8	DR-NH	01/12/2021 10:53AM
Lead Initial Cal. Verification	99	%	✓		0	90-110 %	EPA 200.8	DR-NH	01/12/2021 10:51AM
Manganese Continuing Cal. Blank	<0.001	mg/L	✓		0.001	0.001 mg/L	EPA 200.8	DR-NH	01/12/2021 11:37AM
Manganese Continuing Cal. Verification	104	%	✓		0	90-110 %	EPA 200.8	DR-NH	01/12/2021 11:34AM
Manganese Initial Cal. Blank	<0.001	mg/L	✓		0.001	0.001 mg/L	EPA 200.8	DR-NH	01/12/2021 10:53AM

Rebecca L. Labranche
Laboratory Director



A & L LABORATORY

A DIVISION OF GRANITE STATE ANALYTICAL SERVICES, LLC.

Serial_No:01262119:23

155 Center Street, Building C, Auburn, Maine 04210
Phone (207) 784-5354 website www.allaboratory.com

CERTIFICATE OF ANALYSIS FOR DRINKING WATER

DATE PRINTED: 01/26/2021
CLIENT NAME: Alpha Analytical
CLIENT ADDRESS: 8 Walkup Dr.
 Westborough, MA 01581
SAMPLE ID #: 2101-00792-009
SAMPLED BY:
SAMPLE ADDRESS: ME
MORE LOC INFO: QC

Legend	
Passes	✔
Fails EPA Primary	⊗
Fails EPA Secondary	▼
Fails State Guideline	✕
Attention	⚠

DATE AND TIME COLLECTED:
DATE AND TIME RECEIVED: 01/09/2021 07:00AM
ANALYSIS PACKAGE: QC 200.8
RECEIPT TEMPERATURE: ON ICE 3° CELSIUS
CLIENT JOB #: L2101121

Test Description	Result	Test Units	Pass /Fail	DQ Flag	RL	Limit	Method	Analyst	Date - Time Analyzed
Manganese Initial Cal. Verification	97	%	✔		0	90-110 %	EPA 200.8	DR-NH	01/12/2021 10:51AM
Mercury Continuing Cal. Blank	<0.0001	mg/L	✔		0.0001	0.0001 mg/L	EPA 200.8	JLR-NH	01/12/2021 10:34AM
Mercury Continuing Cal. Verification	107	%	✔		0	90-110 %	EPA 200.8	JLR-NH	01/12/2021 10:30AM
Mercury Initial Cal. Blank	<0.0001	mg/L	✔		0.0001	0.0001 mg/L	EPA 200.8	JLR-NH	01/12/2021 10:22AM
Mercury Initial Cal. Verification	101	%	✔		0	90-110 %	EPA 200.8	JLR-NH	01/12/2021 10:18AM
Nickel Continuing Cal. Blank	<0.001	mg/L	✔		0.001	0.001 mg/L	EPA 200.8	DR-NH	01/12/2021 11:37AM
Nickel Continuing Cal. Verification	105	%	✔		0	90-110 %	EPA 200.8	DR-NH	01/12/2021 11:34AM
Nickel Initial Cal. Blank	<0.001	mg/L	✔		0.001	0.001 mg/L	EPA 200.8	DR-NH	01/12/2021 10:53AM
Nickel Initial Cal. Verification	103	%	✔		0	90-110 %	EPA 200.8	DR-NH	01/12/2021 10:51AM
Selenium Continuing Cal. Blank	<0.001	mg/L	✔		0.001	0.001 mg/L	EPA 200.8	DR-NH	01/19/2021 11:16AM
Selenium Continuing Cal. Verification	98	%	✔		0	90-110 %	EPA 200.8	DR-NH	01/24/2021 04:01PM
Selenium Initial Cal. Blank	<0.001	mg/L	✔		0.001	0.001 mg/L	EPA 200.8	DR-NH	01/19/2021 11:11AM
Selenium Initial Cal. Verification	96	%	✔		0	90-110 %	EPA 200.8	DR-NH	01/19/2021 11:09AM
Silver Continuing Cal. Blank	<0.001	mg/L	✔		0.001	0.001 mg/L	EPA 200.8	JLR-NH	01/13/2021 04:22PM
Silver Continuing Cal. Verification	99	%	✔		0	90-110 %	EPA 200.8	JLR-NH	01/13/2021 04:18PM
Silver Initial Cal. Blank	<0.001	mg/L	✔		0.001	0.001 mg/L	EPA 200.8	JLR-NH	01/13/2021 04:11PM
Silver Initial Cal. Verification	99	%	✔		0	90-110 %	EPA 200.8	JLR-NH	01/13/2021 04:07PM
Thallium Continuing Cal. Blank	<0.001	mg/L	✔		0.001	0.001 mg/L	EPA 200.8	JLR-NH	01/13/2021 04:22PM

Rebecca L. Labranche
Laboratory Director



A & L LABORATORY

A DIVISION OF GRANITE STATE ANALYTICAL SERVICES, LLC.

Serial_No:01262119:23

155 Center Street, Building C, Auburn, Maine 04210
Phone (207) 784-5354 website www.allaboratory.com

CERTIFICATE OF ANALYSIS FOR DRINKING WATER

DATE PRINTED: 01/26/2021
CLIENT NAME: Alpha Analytical
CLIENT ADDRESS: 8 Walkup Dr.
Westborough, MA 01581

SAMPLE ID #: 2101-00792-009
SAMPLED BY:

SAMPLE ADDRESS: ME

MORE LOC INFO: QC

Legend	
Passes	✓
Fails EPA Primary	⊗
Fails EPA Secondary	▼
Fails State Guideline	✕
Attention	⚠

DATE AND TIME COLLECTED:
DATE AND TIME RECEIVED: 01/09/2021 07:00AM
ANALYSIS PACKAGE: QC 200.8
RECEIPT TEMPERATURE: ON ICE 3° CELSIUS
CLIENT JOB #: L2101121

Test Description	Result	Test Units	Pass /Fail	DQ Flag	RL	Limit	Method	Analyst	Date - Time Analyzed
Thallium Continuing Cal. Verification	101	%	✓		0	90-110 %	EPA 200.8	JLR-NH	01/13/2021 04:18PM
Thallium Initial Cal. Blank	<0.001	mg/L	✓		0.001	0.001 mg/L	EPA 200.8	JLR-NH	01/13/2021 04:11PM
Thallium Initial Cal. Verification	97	%	✓		0	90-110 %	EPA 200.8	JLR-NH	01/13/2021 04:07PM
Uranium Continuing Cal. Blank	<1	ug/L	✓		1	1 mg/L	EPA 200.8	DR-NH	01/12/2021 11:37AM
Uranium Continuing Cal. Verification	102	%	✓		0	90-110 %	EPA 200.8	DR-NH	01/12/2021 11:34AM
Uranium Initial Cal. Blank	<1	ug/L	✓		1	1 ug/L	EPA 200.8	DR-NH	01/12/2021 10:53AM
Uranium Initial Cal. Verification	102	%	✓		0	90-110 %	EPA 200.8	DR-NH	01/12/2021 10:51AM
Zinc Continuing Cal. Blank	<0.001	mg/L	✓		0.001	0.001 mg/L	EPA 200.8	DR-NH	01/12/2021 11:37AM
Zinc Continuing Cal. Verification	104	%	✓		0	90-110 %	EPA 200.8	DR-NH	01/12/2021 11:34AM
Zinc Initial Cal. Blank	<0.001	mg/L	✓		0.001	0.001 mg/L	EPA 200.8	DR-NH	01/12/2021 10:53AM
Zinc Initial Cal. Verification	99	%	✓		0	90-110 %	EPA 200.8	DR-NH	01/12/2021 10:51AM

Rebecca L. Labranche
Laboratory Director



A & L LABORATORY

A DIVISION OF GRANITE STATE ANALYTICAL SERVICES, LLC.

Serial_No:01262119:23

155 Center Street, Building C, Auburn, Maine 04210
Phone (207) 784-5354 website www.allaboratory.com

CERTIFICATE OF ANALYSIS FOR DRINKING WATER

DATE PRINTED: 01/26/2021
CLIENT NAME: Alpha Analytical
CLIENT ADDRESS: 8 Walkup Dr.
 Westborough, MA 01581
SAMPLE ID #: 2101-00792-010
SAMPLED BY:
SAMPLE ADDRESS: ME
MORE LOC INFO: QC Data EPA 200.8 Dig

Legend	
Passes	✔
Fails EPA Primary	⊗
Fails EPA Secondary	⚠
Fails State Guideline	✘
Attention	⚠

DATE AND TIME COLLECTED:
DATE AND TIME RECEIVED: 01/09/2021 07:00AM
ANALYSIS PACKAGE: QC 200.8 DIG LR
RECEIPT TEMPERATURE: ON ICE 3° CELSIUS
CLIENT JOB #: L2101121

Test Description	Result	Test Units	Pass /Fail	DQ Flag	RL	Limit	Method	Analyst	Date - Time Analyzed
Antimony Digested Laboratory Fortified Blank	99	%	✔		0	85-115 %	EPA 200.8	JLR-NH	01/13/2021 04:40PM
Antimony Digested Laboratory Reagent Blank	<0.001	mg/L	✔		0.001	0.001 mg/L	EPA 200.8	JLR-NH	01/13/2021 04:32PM
Antimony Duplicate	3.1	RPD	✔		0	20%	EPA 200.8	JLR-NH	01/13/2021 04:51PM
Antimony Laboratory Fortified Matrix	98	%	✔		0	70-130%	EPA 200.8	JLR-NH	01/13/2021 04:47PM
Selenium Digested Laboratory Fortified Blank	102	%	✔		0	85-115 %	EPA 200.8	DR-NH	01/19/2021 11:25AM
Selenium Digested Laboratory Reagent Blank	<0.001	mg/L	✔		0.001	0.001 mg/L	EPA 200.8	DR-NH	01/19/2021 11:20AM
Selenium Duplicate	3.6	RPD	✔		0	20%	EPA 200.8	DR-NH	01/19/2021 11:31AM
Selenium Laboratory Fortified Matrix	99	%	✔		0	70-130%	EPA 200.8	DR-NH	01/19/2021 11:29AM
Silver Digested Laboratory Fortified Blank	101	%	✔		0	85-115 %	EPA 200.8	JLR-NH	01/13/2021 04:40PM
Silver Digested Laboratory Reagent Blank	<0.001	mg/L	✔		0.001	0.001 mg/L	EPA 200.8	JLR-NH	01/13/2021 04:32PM
Silver Duplicate	0.6	RPD	✔		0	20%	EPA 200.8	JLR-NH	01/13/2021 04:51PM
Silver Laboratory Fortified Matrix	96	%	✔		0	70-130%	EPA 200.8	JLR-NH	01/13/2021 04:47PM
Thallium Digested Laboratory Fortified Blank	99	%	✔		0	85-115 %	EPA 200.8	JLR-NH	01/13/2021 04:40PM
Thallium Digested Laboratory Reagent Blank	<0.001	mg/L	✔		0.001	0.001 mg/L	EPA 200.8	JLR-NH	01/13/2021 04:32PM
Thallium Duplicate	0.4	RPD	✔		0	20%	EPA 200.8	JLR-NH	01/13/2021 04:51PM

Rebecca L. Labranche
Laboratory Director



A & L LABORATORY

A DIVISION OF GRANITE STATE ANALYTICAL SERVICES, LLC.

155 Center Street, Building C, Auburn, Maine 04210
 Phone (207) 784-5354 website www.allaboratory.com

CERTIFICATE OF ANALYSIS FOR DRINKING WATER

DATE PRINTED: 01/26/2021
CLIENT NAME: Alpha Analytical
CLIENT ADDRESS: 8 Walkup Dr.
 Westborough, MA 01581
SAMPLE ID #: 2101-00792-010
SAMPLED BY:
SAMPLE ADDRESS: ME
MORE LOC INFO: QC Data EPA 200.8 Dig

Legend	
Passes	✓
Fails EPA Primary	⊗
Fails EPA Secondary	▼
Fails State Guideline	✕
Attention	⚠

DATE AND TIME COLLECTED:
DATE AND TIME RECEIVED: 01/09/2021 07:00AM
ANALYSIS PACKAGE: QC 200.8 DIG LR
RECEIPT TEMPERATURE: ON ICE 3° CELSIUS
CLIENT JOB #: L2101121

Test Description	Result	Test Units	Pass /Fail	DQ Flag	RL	Limit	Method	Analyst	Date - Time Analyzed
Thallium Laboratory Fortified Matrix	96	%	✓		0	70-130%	EPA 200.8	JLR-NH	01/13/2021 04:47PM

Rebecca L. Labranche
 Laboratory Director



A & L LABORATORY

A DIVISION OF GRANITE STATE ANALYTICAL SERVICES, LLC.

Serial_No:01262119:23

155 Center Street, Building C, Auburn, Maine 04210
Phone (207) 784-5354 website www.allaboratory.com

CERTIFICATE OF ANALYSIS FOR DRINKING WATER

DATE PRINTED: 01/26/2021
CLIENT NAME: Alpha Analytical
CLIENT ADDRESS: 8 Walkup Dr.
 Westborough, MA 01581
SAMPLE ID #: 2101-00792-011
SAMPLED BY:
SAMPLE ADDRESS: ME
MORE LOC INFO: QC Data EPA 200.8 LFM

Legend	
Passes	✓
Fails EPA Primary	⊗
Fails EPA Secondary	⚠
Fails State Guideline	✗
Attention	⚠

DATE AND TIME COLLECTED:
DATE AND TIME RECEIVED: 01/09/2021 07:00AM
ANALYSIS PACKAGE: QC 200.8 IOC LFM
RECEIPT TEMPERATURE: ON ICE 3° CELSIUS
CLIENT JOB #: L2101121

Test Description	Result	Test Units	Pass /Fail	DQ Flag	RL	Limit	Method	Analyst	Date - Time Analyzed
Arsenic Laboratory Fortified Matrix	100	%	✓		0	70-130%	EPA 200.8	DR-NH	01/12/2021 12:06PM
Barium Laboratory Fortified Matrix	101	%	✓		0	70-130%	EPA 200.8	DR-NH	01/12/2021 12:06PM
Beryllium Laboratory Fortified Matrix	111	%	✓		0	70-130%	EPA 200.8	DR-NH	01/12/2021 12:06PM
Cadmium Laboratory Fortified Matrix	105	%	✓		0	70-130%	EPA 200.8	DR-NH	01/12/2021 12:06PM
Chromium Laboratory Fortified Matrix	105	%	✓		0	70-130%	EPA 200.8	DR-NH	01/12/2021 12:06PM
Copper Laboratory Fortified Matrix	96	%	✓		0	70-130%	EPA 200.8	DR-NH	01/12/2021 12:06PM
Lead Laboratory Fortified Matrix	101	%	✓		0	70-130%	EPA 200.8	DR-NH	01/12/2021 12:06PM
Manganese Laboratory Fortified Matrix	101	%	✓		0	70-130%	EPA 200.8	DR-NH	01/12/2021 12:06PM
Nickel Laboratory Fortified Matrix	107	%	✓		0	70-130%	EPA 200.8	DR-NH	01/12/2021 12:06PM
Uranium Laboratory Fortified Matrix	104	%	✓		0	70-130%	EPA 200.8	DR-NH	01/12/2021 12:06PM
Zinc Laboratory Fortified Matrix	104	%	✓		0	70-130%	EPA 200.8	DR-NH	01/12/2021 12:06PM

Rebecca L. Labranche
Laboratory Director



A & L LABORATORY

A DIVISION OF GRANITE STATE ANALYTICAL SERVICES, LLC.

155 Center Street, Building C, Auburn, Maine 04210
 Phone (207) 784-5354 website www.allaboratory.com

CERTIFICATE OF ANALYSIS FOR DRINKING WATER

DATE PRINTED: 01/26/2021
CLIENT NAME: Alpha Analytical
CLIENT ADDRESS: 8 Walkup Dr.
 Westborough, MA 01581
SAMPLE ID #: 2101-00792-012
SAMPLED BY:
SAMPLE ADDRESS: ME
MORE LOC INFO: QC Data

Legend	
Passes	✓
Fails EPA Primary	⊗
Fails EPA Secondary	⚠
Fails State Guideline	✗
Attention	⚠

DATE AND TIME COLLECTED:
DATE AND TIME RECEIVED: 01/09/2021 07:00AM
ANALYSIS PACKAGE: QC Radon Water ME-DEP
RECEIPT TEMPERATURE: ON ICE 3° CELSIUS
CLIENT JOB #: L2101121

Test Description	Result	Test Units	Pass /Fail	DQ Flag	RL	Limit	Method	Analyst	Date - Time Analyzed
Radon Background Average	3.20	pCi/L			100	6 pCi/L	SM 7500RN-B_1998	TT-ME	01/09/2021 03:25PM
Radon Duplicate	2.39	RPD	✓		0	10%	SM 7500RN-B_1998	TT-ME	01/09/2021 04:03PM
Radon LCS (1)	97.0	%			0	90-110	SM 7500RN-B_1998	TT-ME	01/09/2021 03:37PM
Radon LCS (2)	97.0	%			0	90-110	SM 7500RN-B_1998	TT-ME	01/09/2021 06:24PM

Rebecca L. Labranche
 Laboratory Director



A & L LABORATORY

A DIVISION OF GRANITE STATE ANALYTICAL SERVICES, LLC.

155 Center Street, Building C, Auburn, Maine 04210
 Phone (207) 784-5354 website www.allaboratory.com

CERTIFICATE OF ANALYSIS FOR DRINKING WATER

DATE PRINTED: 01/26/2021
CLIENT NAME: Alpha Analytical
CLIENT ADDRESS: 8 Walkup Dr.
 Westborough, MA 01581
SAMPLE ID #: 2101-00792-013
SAMPLED BY:
SAMPLE ADDRESS: ME
MORE LOC INFO: QC Data EPA 200.8 DUP

Legend	
Passes	
Fails EPA Primary	
Fails EPA Secondary	
Fails State Guideline	
Attention	

DATE AND TIME COLLECTED:
DATE AND TIME RECEIVED: 01/09/2021 07:00AM
ANALYSIS PACKAGE: QC 200.8 IOC Dup
RECEIPT TEMPERATURE: ON ICE 3° CELSIUS
CLIENT JOB #: L2101121

Test Description	Result	Test Units	Pass /Fail	DQ Flag	RL	Limit	Method	Analyst	Date - Time Analyzed
Arsenic Duplicate	0.4	RPD	✓		0	20%	EPA 200.8	DR-NH	01/12/2021 12:17PM
Barium Duplicate	0.4	RPD	✓		0	20%	EPA 200.8	DR-NH	01/12/2021 12:17PM
Beryllium Duplicate	4.4	RPD	✓		0	20%	EPA 200.8	DR-NH	01/12/2021 12:17PM
Cadmium Duplicate	0.3	RPD	✓		0	20%	EPA 200.8	DR-NH	01/12/2021 12:17PM
Chromium Duplicate	1.3	RPD	✓		0	20%	EPA 200.8	DR-NH	01/12/2021 12:17PM
Copper Duplicate	0.7	RPD	✓		0	20%	EPA 200.8	DR-NH	01/12/2021 12:17PM
Lead Duplicate	0.4	RPD	✓		0	20%	EPA 200.8	DR-NH	01/12/2021 12:17PM
Manganese Duplicate	.0	RPD	✓		0	20%	EPA 200.8	DR-NH	01/12/2021 12:17PM
Nickel Duplicate	1.6	RPD	✓		0	20%	EPA 200.8	DR-NH	01/12/2021 12:17PM
Uranium Duplicate	1.0	RPD	✓		0	20%	EPA 200.8	DR-NH	01/12/2021 12:17PM
Zinc Duplicate	1.2	RPD	✓		0	20%	EPA 200.8	DR-NH	01/12/2021 12:17PM

Rebecca L. Labranche
 Laboratory Director



A & L LABORATORY

A DIVISION OF GRANITE STATE ANALYTICAL SERVICES, LLC.

Serial_No:01262119:23

155 Center Street, Building C, Auburn, Maine 04210
Phone (207) 784-5354 website www.allaboratory.com

CERTIFICATE OF ANALYSIS FOR DRINKING WATER

DATE PRINTED: 01/26/2021
CLIENT NAME: Alpha Analytical
CLIENT ADDRESS: 8 Walkup Dr.
Westborough, MA 01581

SAMPLE ID #: 2101-00792-014
SAMPLED BY:

SAMPLE ADDRESS: ME

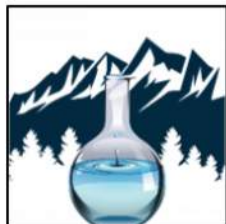
MORE LOC INFO: QC Data SOC LRB

Legend	
Passes	✔
Fails EPA Primary	⊗
Fails EPA Secondary	⚠
Fails State Guideline	✘
Attention	⚠

DATE AND TIME COLLECTED:
DATE AND TIME RECEIVED: 01/09/2021 07:00AM
ANALYSIS PACKAGE: SOC LRB
RECEIPT TEMPERATURE: ON ICE 3° CELSIUS
CLIENT JOB #: L2101121

Test Description	Result	Test Units	Pass /Fail	DQ Flag	RL	Limit	Method	Analyst	Date - Time Analyzed
1,2-Dibromo-3-chloropropane (DBCP)	<0.02	ug/L	✔		0.02	<0.02	EPA 504.1	KV-NH	01/12/2021 03:28AM
Date Extracted	-					No Limit	EPA 504.1	TA-NH	01/12/2021 09:00AM
Ethylene Dibromide (EDB)	<0.02	ug/L	✔		0.02	<0.02	EPA 504.1	KV-NH	01/12/2021 03:28AM
Aroclor 1016 Screen	<0.2	ug/L	✔		0.2	<0.2	EPA 505	KV-NH	01/12/2021 06:55PM
Aroclor 1221 Screen	<0.2	ug/L	✔		0.2	<0.2	EPA 505	KV-NH	01/12/2021 06:55PM
Aroclor 1232 Screen	<0.2	ug/L	✔		0.2	<0.2	EPA 505	KV-NH	01/12/2021 06:55PM
Aroclor 1242 Screen	<0.2	ug/L	✔		0.2	<0.2	EPA 505	KV-NH	01/12/2021 06:55PM
Aroclor 1248 Screen	<0.2	ug/L	✔		0.2	<0.2	EPA 505	KV-NH	01/12/2021 06:55PM
Aroclor 1254 Screen	<0.2	ug/L	✔		0.2	<0.2	EPA 505	KV-NH	01/12/2021 06:55PM
Aroclor 1260 Screen	<0.2	ug/L	✔		0.2	<0.2	EPA 505	KV-NH	01/12/2021 06:55PM
Chlordane	<0.4	ug/L	✔		0.4	<0.4	EPA 505	KV-NH	01/12/2021 06:55PM
Date Extracted	-					No Limit	EPA 505	TA-NH	01/12/2021 09:00AM
Total PCBs (calc.)	<0.2	ug/L	✔		0.2	<0.2	EPA 505	KV-NH	01/12/2021 06:55PM
Toxaphene	<2.0	ug/L	✔		2.0	<2.0	EPA 505	KV-NH	01/12/2021 06:55PM
2,4,5-TP (Silvex)	<0.25	ug/L	✔		0.25	<0.25	EPA 515.3	KV-NH	01/14/2021 08:27PM
2,4-D	<1	ug/L	✔		1	<1.0	EPA 515.3	KV-NH	01/14/2021 08:27PM
Dalapon	<1	ug/L	✔		1	<1	EPA 515.3	KV-NH	01/14/2021 08:27PM
Date Extracted	-					No Limit	EPA 515.3	TA-NH	01/14/2021 09:20AM
Dicamba	<0.5	ug/L	✔		0.5	<0.5	EPA 515.3	KV-NH	01/14/2021 08:27PM
Dinoseb	<1	ug/L	✔		1	<1	EPA 515.3	KV-NH	01/14/2021 08:27PM
Pentachlorophenol	<0.1	ug/L	✔		0.1	<0.1	EPA 515.3	KV-NH	01/14/2021 08:27PM
Picloram	<2	ug/L	✔		2	<2	EPA 515.3	KV-NH	01/14/2021 08:27PM
2,4-Dichlorophenylacetic acid	112	%	✔			70-130%	EPA 515.3 - SS	KV-NH	01/14/2021 08:27PM

Rebecca L. Labranche
Laboratory Director



A & L LABORATORY

A DIVISION OF GRANITE STATE ANALYTICAL SERVICES, LLC.

Serial_No:01262119:23

155 Center Street, Building C, Auburn, Maine 04210
Phone (207) 784-5354 website www.allaboratory.com

CERTIFICATE OF ANALYSIS FOR DRINKING WATER

DATE PRINTED: 01/26/2021
CLIENT NAME: Alpha Analytical
CLIENT ADDRESS: 8 Walkup Dr.
 Westborough, MA 01581
SAMPLE ID #: 2101-00792-014
SAMPLED BY:
SAMPLE ADDRESS: ME
MORE LOC INFO: QC Data SOC LRB

Legend	
Passes	✓
Fails EPA Primary	⊗
Fails EPA Secondary	⚠
Fails State Guideline	✗
Attention	⚠

DATE AND TIME COLLECTED:
DATE AND TIME RECEIVED: 01/09/2021 07:00AM
ANALYSIS PACKAGE: SOC LRB
RECEIPT TEMPERATURE: ON ICE 3° CELSIUS
CLIENT JOB #: L2101121

Test Description	Result	Test Units	Pass /Fail	DQ Flag	RL	Limit	Method	Analyst	Date - Time Analyzed
Alachlor	<0.1	ug/L	✓		0.1	<0.1	EPA 525.2	DD-NH	01/11/2021 05:34PM
Aldrin	<0.1	ug/L	✓		0.1	<0.1	EPA 525.2	DD-NH	01/11/2021 05:34PM
Atrazine	<0.1	ug/L	✓		0.1	<0.1	EPA 525.2	DD-NH	01/11/2021 05:34PM
Benzo(a)pyrene	<0.1	ug/L	✓		0.1	<0.1	EPA 525.2	DD-NH	01/11/2021 05:34PM
Butachlor	<0.1	ug/L	✓		0.1	<0.1	EPA 525.2	DD-NH	01/11/2021 05:34PM
Date Extracted	-					No Limit	EPA 525.2	TA-NH	01/11/2021 10:30AM
Di(2-ethylhexyl)adipate	<1.0	ug/L	✓		1.0	<1.0	EPA 525.2	DD-NH	01/11/2021 05:34PM
Di(2-ethylhexyl)phthalate	<1.0	ug/L	✓		1.0	<1.0	EPA 525.2	DD-NH	01/11/2021 05:34PM
Dieldrin	<0.1	ug/L	✓		0.1	<0.1	EPA 525.2	DD-NH	01/11/2021 05:34PM
Endrin	<0.1	ug/L	✓		0.1	<0.1	EPA 525.2	DD-NH	01/11/2021 05:34PM
Heptachlor	<0.1	ug/L	✓		0.1	<0.1	EPA 525.2	DD-NH	01/11/2021 05:34PM
Heptachlor Epoxide	<0.1	ug/L	✓		0.1	<0.1	EPA 525.2	DD-NH	01/11/2021 05:34PM
Hexachlorobenzene	<0.1	ug/L	✓		0.1	<0.1	EPA 525.2	DD-NH	01/11/2021 05:34PM
Hexachlorocyclopentadiene	<0.1	ug/L	✓		0.1	<0.1	EPA 525.2	DD-NH	01/11/2021 05:34PM
Lindane	<0.1	ug/L	✓		0.1	<0.1	EPA 525.2	DD-NH	01/11/2021 05:34PM
Methoxychlor	<0.1	ug/L	✓		0.1	<0.1	EPA 525.2	DD-NH	01/11/2021 05:34PM
Metolachlor	<0.1	ug/L	✓		0.1	<0.1	EPA 525.2	DD-NH	01/11/2021 05:34PM
Metribuzin	<0.1	ug/L	✓		0.1	<0.1	EPA 525.2	DD-NH	01/11/2021 05:34PM
Propachlor	<0.1	ug/L	✓		0.1	<0.1	EPA 525.2	DD-NH	01/11/2021 05:34PM
Simazine	<0.1	ug/L	✓		0.1	<0.1	EPA 525.2	DD-NH	01/11/2021 05:34PM
1,3-Dimethyl-2-nitrobenzene	95	%	✓			70-130%	EPA 525.2 - SS	DD-NH	01/11/2021 05:34PM
Perylene-d12	79	%	✓			70-130%	EPA 525.2 - SS	DD-NH	01/11/2021 05:34PM
Pyrene-d10	93	%	✓			70-130%	EPA 525.2 - SS	DD-NH	01/11/2021 05:34PM
Triphenylphosphate	94	%	✓			70-130%	EPA 525.2 - SS	DD-NH	01/11/2021 05:34PM

Rebecca L. Labranche
Laboratory Director



A & L LABORATORY

A DIVISION OF GRANITE STATE ANALYTICAL SERVICES, LLC.

Serial_No:01262119:23

155 Center Street, Building C, Auburn, Maine 04210
Phone (207) 784-5354 website www.allaboratory.com

CERTIFICATE OF ANALYSIS FOR DRINKING WATER

DATE PRINTED: 01/26/2021
CLIENT NAME: Alpha Analytical
CLIENT ADDRESS: 8 Walkup Dr.
 Westborough, MA 01581
SAMPLE ID #: 2101-00792-014
SAMPLED BY:
SAMPLE ADDRESS: ME
MORE LOC INFO: QC Data SOC LRB

Legend	
Passes	✓
Fails EPA Primary	⊗
Fails EPA Secondary	▼
Fails State Guideline	✕
Attention	⚠

DATE AND TIME COLLECTED:
DATE AND TIME RECEIVED: 01/09/2021 07:00AM
ANALYSIS PACKAGE: SOC LRB
RECEIPT TEMPERATURE: ON ICE 3° CELSIUS
CLIENT JOB #: L2101121

Test Description	Result	Test Units	Pass /Fail	DQ Flag	RL	Limit	Method	Analyst	Date - Time Analyzed
3-Hydroxycarbofuran	<1	ug/L	✓		1	<1	EPA 531.1	KV-NH	01/19/2021 12:37AM
Aldicarb	<1	ug/L	✓		1	<1	EPA 531.1	KV-NH	01/19/2021 12:37AM
Aldicarb Sulfone	<1	ug/L	✓		1	<1	EPA 531.1	KV-NH	01/19/2021 12:37AM
Aldicarb Sulfoxide	<1	ug/L	✓		1	<1	EPA 531.1	KV-NH	01/19/2021 12:37AM
Carbaryl	<1	ug/L	✓		1	<1	EPA 531.1	KV-NH	01/19/2021 12:37AM
Carbofuran	<1	ug/L	✓		1	<1	EPA 531.1	KV-NH	01/19/2021 12:37AM
Date Extracted	-					No Limit	EPA 531.1	KV-NH	01/18/2021 04:20PM
Methiocarb	<1	ug/L	✓		1	<1	EPA 531.1	KV-NH	01/19/2021 12:37AM
Methomyl	<1	ug/L	✓		1	<1	EPA 531.1	KV-NH	01/19/2021 12:37AM
Oxamyl (Vydate)	<1	ug/L	✓		1	<1	EPA 531.1	KV-NH	01/19/2021 12:37AM
Propoxur (Baygon)	<1	ug/L	✓		1	<1	EPA 531.1	KV-NH	01/19/2021 12:37AM

Rebecca L. Labranche
Laboratory Director



A & L LABORATORY

A DIVISION OF GRANITE STATE ANALYTICAL SERVICES, LLC.

Serial_No:01262119:23

155 Center Street, Building C, Auburn, Maine 04210
Phone (207) 784-5354 website www.allaboratory.com

CERTIFICATE OF ANALYSIS FOR DRINKING WATER

DATE PRINTED: 01/26/2021
CLIENT NAME: Alpha Analytical
CLIENT ADDRESS: 8 Walkup Dr.
 Westborough, MA 01581
SAMPLE ID #: 2101-00792-015
SAMPLED BY:
SAMPLE ADDRESS: ME
MORE LOC INFO: QC Data SOC ICV

Legend	
Passes	✔
Fails EPA Primary	⊗
Fails EPA Secondary	⚠
Fails State Guideline	✘
Attention	⚠

DATE AND TIME COLLECTED:
DATE AND TIME RECEIVED: 01/09/2021 07:00AM
ANALYSIS PACKAGE: SOC QC
RECEIPT TEMPERATURE: ON ICE 3° CELSIUS
CLIENT JOB #: L2101121

Test Description	Result	Test Units	Pass /Fail	DQ Flag	RL	Limit	Method	Analyst	Date - Time Analyzed
1,2-Dibromo-3-chloropropane (DBCP)	96	%	✔		0	70-130%	EPA 504.1	KV-NH	01/12/2021 03:54PM
Date Extracted	-					No Limit	EPA 504.1	TA-NH	01/12/2021 09:00AM
Ethylene Dibromide (EDB)	100	%	✔		0	70-130%	EPA 504.1	KV-NH	01/12/2021 03:54PM
Chlordane	93	%	✔		0	70-130%	EPA 505	KV-NH	01/12/2021 07:23PM
Date Extracted	-					No Limit	EPA 505	TA-NH	01/12/2021 09:00AM
Toxaphene	106	%	✔		0	70-130%	EPA 505	KV-NH	01/12/2021 07:50PM
2,4,5-TP (Silvex)	91	%	✔		0	70-130%	EPA 515.3	KV-NH	01/14/2021 08:54PM
2,4-D	88	%	✔		0	70-130%	EPA 515.3	KV-NH	01/14/2021 08:54PM
Dalapon	86	%	✔		0	70-130%	EPA 515.3	KV-NH	01/14/2021 08:54PM
Date Extracted	-					No Limit	EPA 515.3	TA-NH	01/14/2021 09:20AM
Dicamba	88	%	✔		0	70-130%	EPA 515.3	KV-NH	01/14/2021 08:54PM
Dinoseb	99	%	✔		0	70-130%	EPA 515.3	KV-NH	01/14/2021 08:54PM
Pentachlorophenol	102	%	✔		0	70-130%	EPA 515.3	KV-NH	01/14/2021 08:54PM
Picloram	85	%	✔		0	70-130%	EPA 515.3	KV-NH	01/14/2021 08:54PM
2,4-Dichlorophenylacetic acid	97	%	✔			70-130%	EPA 515.3 - SS	KV-NH	01/14/2021 08:54PM
Alachlor	103	%	✔		0	70-130%	EPA 525.2	DD-NH	12/01/2020 07:07PM
Aldrin	99	%	✔		0	70-130%	EPA 525.2	DD-NH	12/01/2020 07:07PM
Atrazine	101	%	✔		0	70-130%	EPA 525.2	DD-NH	12/01/2020 07:07PM
Benzo(a)pyrene	95	%	✔		0	70-130%	EPA 525.2	DD-NH	12/01/2020 07:07PM
Butachlor	109	%	✔		0	70-130%	EPA 525.2	DD-NH	12/01/2020 07:07PM
Di(2-ethylhexyl)adipate	105	%	✔		0	70-130%	EPA 525.2	DD-NH	12/01/2020 07:07PM
Di(2-ethylhexyl)phthalate	102	%	✔		0	70-130%	EPA 525.2	DD-NH	12/01/2020 07:07PM
Dieldrin	99	%	✔		0	70-130%	EPA 525.2	DD-NH	12/01/2020 07:07PM

Rebecca L. Labranche
Laboratory Director



A & L LABORATORY

A DIVISION OF GRANITE STATE ANALYTICAL SERVICES, LLC.

Serial_No:01262119:23

155 Center Street, Building C, Auburn, Maine 04210
Phone (207) 784-5354 website www.allaboratory.com

CERTIFICATE OF ANALYSIS FOR DRINKING WATER

DATE PRINTED: 01/26/2021
CLIENT NAME: Alpha Analytical
CLIENT ADDRESS: 8 Walkup Dr.
 Westborough, MA 01581
SAMPLE ID #: 2101-00792-015
SAMPLED BY:
SAMPLE ADDRESS: ME
MORE LOC INFO: QC Data SOC ICV

Legend	
Passes	✔
Fails EPA Primary	⊗
Fails EPA Secondary	⚠
Fails State Guideline	✘
Attention	⚠

DATE AND TIME COLLECTED:
DATE AND TIME RECEIVED: 01/09/2021 07:00AM
ANALYSIS PACKAGE: SOC QC
RECEIPT TEMPERATURE: ON ICE 3° CELSIUS
CLIENT JOB #: L2101121

Test Description	Result	Test Units	Pass /Fail	DQ Flag	RL	Limit	Method	Analyst	Date - Time Analyzed
Endrin	102	%	✔		0	70-130%	EPA 525.2	DD-NH	12/01/2020 07:07PM
Heptachlor	93	%	✔		0	70-130%	EPA 525.2	DD-NH	12/01/2020 07:07PM
Heptachlor Epoxide	104	%	✔		0	70-130%	EPA 525.2	DD-NH	12/01/2020 07:07PM
Hexachlorobenzene	113	%	✔		0	70-130%	EPA 525.2	DD-NH	12/01/2020 07:07PM
Hexachlorocyclopentadiene	82	%	✔		0	70-130%	EPA 525.2	DD-NH	12/01/2020 07:07PM
Lindane	106	%	✔		0	70-130%	EPA 525.2	DD-NH	12/01/2020 07:07PM
Methoxychlor	101	%	✔		0	70-130%	EPA 525.2	DD-NH	12/01/2020 07:07PM
Metolachlor	103	%	✔		0	70-130%	EPA 525.2	DD-NH	12/01/2020 07:07PM
Metribuzin	102	%	✔		0	70-130%	EPA 525.2	DD-NH	12/01/2020 07:07PM
Propachlor	102	%	✔		0	70-130%	EPA 525.2	DD-NH	12/01/2020 07:07PM
Simazine	101	%	✔		0	70-130%	EPA 525.2	DD-NH	12/01/2020 07:07PM
1,3-Dimethyl-2-nitrobenzene	102	%	✔			70-130%	EPA 525.2 - SS	DD-NH	12/01/2020 07:07PM
Perylene-d12	105	%	✔			70-130%	EPA 525.2 - SS	DD-NH	12/01/2020 07:07PM
Pyrene-d10	99	%	✔			70-130%	EPA 525.2 - SS	DD-NH	12/01/2020 07:07PM
Triphenylphosphate	111	%	✔			70-130%	EPA 525.2 - SS	DD-NH	12/01/2020 07:07PM
3-Hydroxycarbofuran	104	%	✔		0	80-120%	EPA 531.1	KV-NH	01/19/2021 01:21AM
Aldicarb	102	%	✔		0	80-120%	EPA 531.1	KV-NH	01/19/2021 01:21AM
Aldicarb Sulfone	94	%	✔		0	80-120%	EPA 531.1	KV-NH	01/19/2021 01:21AM
Aldicarb Sulfoxide	102	%	✔		0	80-120%	EPA 531.1	KV-NH	01/19/2021 01:21AM
Carbaryl	101	%	✔		0	80-120%	EPA 531.1	KV-NH	01/19/2021 01:21AM
Carbofuran	97	%	✔		0	80-120%	EPA 531.1	KV-NH	01/19/2021 01:21AM
Date Extracted	-					No Limit	EPA 531.1	KV-NH	01/18/2021 04:20PM
Methiocarb	103	%	✔		0	80-120%	EPA 531.1	KV-NH	01/19/2021 01:21AM
Methomyl	102	%	✔		0	80-120%	EPA 531.1	KV-NH	01/19/2021 01:21AM

Rebecca L. Labranche
Laboratory Director



A & L LABORATORY

A DIVISION OF GRANITE STATE ANALYTICAL SERVICES, LLC.

Serial_No:01262119:23

155 Center Street, Building C, Auburn, Maine 04210
 Phone (207) 784-5354 website www.allaboratory.com

CERTIFICATE OF ANALYSIS FOR DRINKING WATER

DATE PRINTED: 01/26/2021
CLIENT NAME: Alpha Analytical
CLIENT ADDRESS: 8 Walkup Dr.
 Westborough, MA 01581
SAMPLE ID #: 2101-00792-015
SAMPLED BY:
SAMPLE ADDRESS: ME
MORE LOC INFO: QC Data SOC ICV

Legend	
Passes	✓
Fails EPA Primary	⊗
Fails EPA Secondary	▼
Fails State Guideline	✕
Attention	⚠

DATE AND TIME COLLECTED:
DATE AND TIME RECEIVED: 01/09/2021 07:00AM
ANALYSIS PACKAGE: SOC QC
RECEIPT TEMPERATURE: ON ICE 3° CELSIUS
CLIENT JOB #: L2101121

Test Description	Result	Test Units	Pass /Fail	DQ Flag	RL	Limit	Method	Analyst	Date - Time Analyzed
Oxamyl (Vydate)	96	%	✓		0	80-120%	EPA 531.1	KV-NH	01/19/2021 01:21AM
Propoxur (Baygon)	100	%	✓		0	80-120%	EPA 531.1	KV-NH	01/19/2021 01:21AM

Rebecca L. Labranche
 Laboratory Director



A & L LABORATORY

A DIVISION OF GRANITE STATE ANALYTICAL SERVICES, LLC.

Serial_No:01262119:23

155 Center Street, Building C, Auburn, Maine 04210
Phone (207) 784-5354 website www.allaboratory.com

CERTIFICATE OF ANALYSIS FOR DRINKING WATER

DATE PRINTED: 01/26/2021
CLIENT NAME: Alpha Analytical
CLIENT ADDRESS: 8 Walkup Dr.
 Westborough, MA 01581
SAMPLE ID #: 2101-00792-016
SAMPLED BY:
SAMPLE ADDRESS: ME
MORE LOC INFO: QC Data SOC CCC

Legend	
Passes	✔
Fails EPA Primary	⊗
Fails EPA Secondary	⚠
Fails State Guideline	✘
Attention	⚠

DATE AND TIME COLLECTED:
DATE AND TIME RECEIVED: 01/09/2021 07:00AM
ANALYSIS PACKAGE: SOC QC
RECEIPT TEMPERATURE: ON ICE 3° CELSIUS
CLIENT JOB #: L2101121

Test Description	Result	Test Units	Pass /Fail	DQ Flag	RL	Limit	Method	Analyst	Date - Time Analyzed
1,2-Dibromo-3-chloropropane (DBCP)	103	%	✔		0	70-130%	EPA 504.1	KV-NH	01/12/2021 04:20PM
Date Extracted	-					No Limit	EPA 504.1	TA-NH	01/12/2021 09:00AM
Ethylene Dibromide (EDB)	103	%	✔		0	70-130%	EPA 504.1	KV-NH	01/12/2021 04:20PM
Chlordane	93	%	✔		0	70-130%	EPA 505	KV-NH	01/12/2021 07:23PM
Date Extracted	-					No Limit	EPA 505	TA-NH	01/12/2021 09:00AM
Toxaphene	106	%	✔		0	70-130%	EPA 505	KV-NH	01/12/2021 07:50PM
2,4,5-TP (Silvex)	91	%	✔		0	70-130%	EPA 515.3	KV-NH	01/14/2021 08:54PM
2,4-D	88	%	✔		0	70-130%	EPA 515.3	KV-NH	01/14/2021 08:54PM
Dalapon	86	%	✔		0	70-130%	EPA 515.3	KV-NH	01/14/2021 08:54PM
Date Extracted	-					No Limit	EPA 515.3	TA-NH	01/14/2021 09:20AM
Dicamba	88	%	✔		0	70-130%	EPA 515.3	KV-NH	01/14/2021 08:54PM
Dinoseb	99	%	✔		0	70-130%	EPA 515.3	KV-NH	01/14/2021 08:54PM
Pentachlorophenol	102	%	✔		0	70-130%	EPA 515.3	KV-NH	01/14/2021 08:54PM
Picloram	85	%	✔		0	70-130%	EPA 515.3	KV-NH	01/14/2021 08:54PM
2,4-Dichlorophenylacetic acid	97	%	✔			70-130%	EPA 515.3 - SS	KV-NH	01/14/2021 08:54PM
Alachlor	104	%	✔		0	70-130%	EPA 525.2	DD-NH	01/12/2021 09:50AM
Aldrin	106	%	✔		0	70-130%	EPA 525.2	DD-NH	01/12/2021 09:50AM
Atrazine	99	%	✔		0	70-130%	EPA 525.2	DD-NH	01/12/2021 09:50AM
Benzo(a)pyrene	100	%	✔		0	70-130%	EPA 525.2	DD-NH	01/12/2021 09:50AM
Butachlor	101	%	✔		0	70-130%	EPA 525.2	DD-NH	01/12/2021 09:50AM
Di(2-ethylhexyl)adipate	101	%	✔		0	70-130%	EPA 525.2	DD-NH	01/12/2021 09:50AM
Di(2-ethylhexyl)phthalate	104	%	✔		0	70-130%	EPA 525.2	DD-NH	01/12/2021 09:50AM
Dieldrin	104	%	✔		0	70-130%	EPA 525.2	DD-NH	01/12/2021 09:50AM

Rebecca L. Labranche
Laboratory Director



A & L LABORATORY

A DIVISION OF GRANITE STATE ANALYTICAL SERVICES, LLC.

Serial_No:01262119:23

155 Center Street, Building C, Auburn, Maine 04210
Phone (207) 784-5354 website www.allaboratory.com

CERTIFICATE OF ANALYSIS FOR DRINKING WATER

DATE PRINTED: 01/26/2021
CLIENT NAME: Alpha Analytical
CLIENT ADDRESS: 8 Walkup Dr.
 Westborough, MA 01581
SAMPLE ID #: 2101-00792-016
SAMPLED BY:
SAMPLE ADDRESS: ME
MORE LOC INFO: QC Data SOC CCC

Legend	
Passes	✔
Fails EPA Primary	⊗
Fails EPA Secondary	⚠
Fails State Guideline	✘
Attention	⚠

DATE AND TIME COLLECTED:
DATE AND TIME RECEIVED: 01/09/2021 07:00AM
ANALYSIS PACKAGE: SOC QC
RECEIPT TEMPERATURE: ON ICE 3° CELSIUS
CLIENT JOB #: L2101121

Test Description	Result	Test Units	Pass /Fail	DQ Flag	RL	Limit	Method	Analyst	Date - Time Analyzed
Endrin	104	%	✔		0	70-130%	EPA 525.2	DD-NH	01/12/2021 09:50AM
Heptachlor	103	%	✔		0	70-130%	EPA 525.2	DD-NH	01/12/2021 09:50AM
Heptachlor Epoxide	108	%	✔		0	70-130%	EPA 525.2	DD-NH	01/12/2021 09:50AM
Hexachlorobenzene	106	%	✔		0	70-130%	EPA 525.2	DD-NH	01/12/2021 09:50AM
Hexachlorocyclopentadiene	98	%	✔		0	70-130%	EPA 525.2	DD-NH	01/12/2021 09:50AM
Lindane	104	%	✔		0	70-130%	EPA 525.2	DD-NH	01/12/2021 09:50AM
Methoxychlor	100	%	✔		0	70-130%	EPA 525.2	DD-NH	01/12/2021 09:50AM
Metolachlor	103	%	✔		0	70-130%	EPA 525.2	DD-NH	01/12/2021 09:50AM
Metribuzin	98	%	✔		0	70-130%	EPA 525.2	DD-NH	01/12/2021 09:50AM
Propachlor	96	%	✔		0	70-130%	EPA 525.2	DD-NH	01/12/2021 09:50AM
Simazine	86	%	✔		0	70-130%	EPA 525.2	DD-NH	01/12/2021 09:50AM
1,3-Dimethyl-2-nitrobenzene	103	%	✔			70-130%	EPA 525.2 - SS	DD-NH	01/12/2021 09:50AM
Perylene-d12	105	%	✔			70-130%	EPA 525.2 - SS	DD-NH	01/12/2021 09:50AM
Pyrene-d10	103	%	✔			70-130%	EPA 525.2 - SS	DD-NH	01/12/2021 09:50AM
Triphenylphosphate	114	%	✔			70-130%	EPA 525.2 - SS	DD-NH	01/12/2021 09:50AM
3-Hydroxycarbofuran	104	%	✔		0	80-120%	EPA 531.1	KV-NH	01/19/2021 01:21AM
Aldicarb	102	%	✔		0	80-120%	EPA 531.1	KV-NH	01/19/2021 01:21AM
Aldicarb Sulfone	94	%	✔		0	80-120%	EPA 531.1	KV-NH	01/19/2021 01:21AM
Aldicarb Sulfoxide	102	%	✔		0	80-120%	EPA 531.1	KV-NH	01/19/2021 01:21AM
Carbaryl	101	%	✔		0	80-120%	EPA 531.1	KV-NH	01/19/2021 01:21AM
Carbofuran	97	%	✔		0	80-120%	EPA 531.1	KV-NH	01/19/2021 01:21AM
Date Extracted	-					No Limit	EPA 531.1	KV-NH	01/18/2021 04:20PM
Methiocarb	103	%	✔		0	80-120%	EPA 531.1	KV-NH	01/19/2021 01:21AM
Methomyl	102	%	✔		0	80-120%	EPA 531.1	KV-NH	01/19/2021 01:21AM

Rebecca L. Labranche
Laboratory Director



A & L LABORATORY

A DIVISION OF GRANITE STATE ANALYTICAL SERVICES, LLC.

Serial_No:01262119:23

155 Center Street, Building C, Auburn, Maine 04210
 Phone (207) 784-5354 website www.allaboratory.com

CERTIFICATE OF ANALYSIS FOR DRINKING WATER

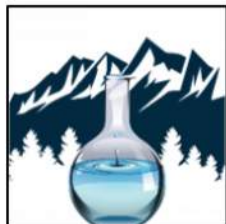
DATE PRINTED: 01/26/2021
CLIENT NAME: Alpha Analytical
CLIENT ADDRESS: 8 Walkup Dr.
 Westborough, MA 01581
SAMPLE ID #: 2101-00792-016
SAMPLED BY:
SAMPLE ADDRESS: ME
MORE LOC INFO: QC Data SOC CCC

Legend	
Passes	✓
Fails EPA Primary	⊗
Fails EPA Secondary	▼
Fails State Guideline	✕
Attention	⚠

DATE AND TIME COLLECTED:
DATE AND TIME RECEIVED: 01/09/2021 07:00AM
ANALYSIS PACKAGE: SOC QC
RECEIPT TEMPERATURE: ON ICE 3° CELSIUS
CLIENT JOB #: L2101121

Test Description	Result	Test Units	Pass /Fail	DQ Flag	RL	Limit	Method	Analyst	Date - Time Analyzed
Oxamyl (Vydate)	96	%	✓		0	80-120%	EPA 531.1	KV-NH	01/19/2021 01:21AM
Propoxur (Baygon)	100	%	✓		0	80-120%	EPA 531.1	KV-NH	01/19/2021 01:21AM

Rebecca L. Labranche
 Laboratory Director



A & L LABORATORY

A DIVISION OF GRANITE STATE ANALYTICAL SERVICES, LLC.

Serial_No:01262119:23

155 Center Street, Building C, Auburn, Maine 04210
Phone (207) 784-5354 website www.allaboratory.com

CERTIFICATE OF ANALYSIS FOR DRINKING WATER

DATE PRINTED: 01/26/2021
CLIENT NAME: Alpha Analytical
CLIENT ADDRESS: 8 Walkup Dr.
 Westborough, MA 01581
SAMPLE ID #: 2101-00792-017
SAMPLED BY:
SAMPLE ADDRESS: ME
MORE LOC INFO: SOC QC EPA 525 LFB

Legend	
Passes	✓
Fails EPA Primary	⊗
Fails EPA Secondary	⚠
Fails State Guideline	✗
Attention	⚠

DATE AND TIME COLLECTED:
DATE AND TIME RECEIVED: 01/09/2021 07:00AM
ANALYSIS PACKAGE: SOC QC 525
RECEIPT TEMPERATURE: ON ICE 3° CELSIUS
CLIENT JOB #: L2101121

Test Description	Result	Test Units	Pass /Fail	DQ Flag	RL	Limit	Method	Analyst	Date - Time Analyzed
Alachlor	102	%	✓		0	70-130%	EPA 525.2	DD-NH	01/11/2021 06:14PM
Aldrin	101	%	✓		0	70-130%	EPA 525.2	DD-NH	01/11/2021 06:14PM
Atrazine	96	%	✓		0	70-130%	EPA 525.2	DD-NH	01/11/2021 06:14PM
Benzo(a)pyrene	78	%	✓		0	70-130%	EPA 525.2	DD-NH	01/11/2021 06:14PM
Butachlor	105	%	✓		0	70-130%	EPA 525.2	DD-NH	01/11/2021 06:14PM
Date Extracted	-					No Limit	EPA 525.2	TA-NH	01/11/2021 10:30AM
Di(2-ethylhexyl)adipate	99	%	✓		0	70-130%	EPA 525.2	DD-NH	01/11/2021 06:14PM
Di(2-ethylhexyl)phthalate	102	%	✓		0	70-130%	EPA 525.2	DD-NH	01/11/2021 06:14PM
Dieldrin	118	%	✓		0	70-130%	EPA 525.2	DD-NH	01/11/2021 06:14PM
Endrin	123	%	✓		0	70-130%	EPA 525.2	DD-NH	01/11/2021 06:14PM
Heptachlor	98	%	✓		0	70-130%	EPA 525.2	DD-NH	01/11/2021 06:14PM
Heptachlor Epoxide	117	%	✓		0	70-130%	EPA 525.2	DD-NH	01/11/2021 06:14PM
Hexachlorobenzene	79	%	✓		0	70-130%	EPA 525.2	DD-NH	01/11/2021 06:14PM
Hexachlorocyclopentadiene	82	%	✓		0	70-130%	EPA 525.2	DD-NH	01/11/2021 06:14PM
Lindane	115	%	✓		0	70-130%	EPA 525.2	DD-NH	01/11/2021 06:14PM
Methoxychlor	100	%	✓		0	70-130%	EPA 525.2	DD-NH	01/11/2021 06:14PM
Metolachlor	101	%	✓		0	70-130%	EPA 525.2	DD-NH	01/11/2021 06:14PM
Metribuzin	96	%	✓		0	70-130%	EPA 525.2	DD-NH	01/11/2021 06:14PM
Propachlor	100	%	✓		0	70-130%	EPA 525.2	DD-NH	01/11/2021 06:14PM
Simazine	89	%	✓		0	70-130%	EPA 525.2	DD-NH	01/11/2021 06:14PM
1,3-Dimethyl-2-nitrobenzene	94	%	✓			70-130%	EPA 525.2 - SS	DD-NH	01/11/2021 06:14PM
Perylene-d12	91	%	✓			70-130%	EPA 525.2 - SS	DD-NH	01/11/2021 06:14PM
Pyrene-d10	93	%	✓			70-130%	EPA 525.2 - SS	DD-NH	01/11/2021 06:14PM
Triphenylphosphate	103	%	✓			70-130%	EPA 525.2 - SS	DD-NH	01/11/2021 06:14PM

Rebecca L. Labranche
Laboratory Director



FL DOH Certification #E84025
ME Lab ID FL00117

Report Date: January 15, 2021

A & L Laboratory
 155 Center St., Bldg C
 Auburn, ME 04210

Field Custody: Client
 Client/Field ID: 2101-792-4
 Sample Collection: 01-08-21/1245
 Lab ID No: 21.553
 Lab Custody Date: 01-13-21/1025
 Sample Description: DW

CERTIFICATE OF ANALYSIS

Parameter	Units	Results	Analysis Date	Method	Detection Limit
Gross Alpha	pCi/l	1.8 ± 1.1	1-15-21/0801	EPA 900.0	1.5

Alpha Standard: Th-230

Thomas J. Weeks
 Laboratory Manager

Test results meet all requirements of the 2016 TNI standards. Statement of estimated uncertainty available upon request. Test results refer only to sample(s) listed. Contact person: Thomas Weeks (813) 229-2879.

KNL Environmental

3202 N. Florida Ave. Tampa, FL 33603
 Phone: (813) 229-2879 Fax: (813) 229-0002

CHAIN OF CUSTODY RECORD

Email: jhayes@knlenvironmental.com

03

21.555

Company Name:		A & L Laboratory			Preservative												
Address:		155 Center Street Building C															
City/State/Zip:		Auburn, Maine 04210															
Phone #: 207-784-5354		Attr: Rebecca Labranche			# of containers	Gross Alpha (900)	Combined Radium	Radium 226 (903.1)	Radium 228 (Ra-05)								
Email Results: rlabranche@granitestateanalytical.com																	
SAMPLE ID	SAMPLE DESCRIPTION/LOCATION	DATE / TIME	MATRIX*														Comments
	2101-792-4	1/8/2015	DW	1								X					Conductivity = 96 us/cm
*WW - Wastewater DW - Drinking Water GW - Groundwater SW - Surface Water SL - Sludge Other:																	
Special Instructions:																	
Relinquished By:				Accepted By:													
Print Name/Company	Signature	Date/Time		Print Name/Company	Signature	Date/Time											
A & L Laboratory	<i>[Signature]</i>	1/14/21 16:01		KNL	<i>[Signature]</i>	1-13-21 10:25											
Relinquished By:				Accepted By:													
Print Name/Company	Signature	Date/Time		Print Name/Company	Signature	Date/Time											
Relinquished By:				Accepted By:													
Print Name/Company	Signature	Date/Time		Print Name/Company	Signature	Date/Time											

KNL Chain of Custody - Form # 105
 Revised 6/30/16



A & L LABORATORY

A DIVISION OF GRANITE STATE ANALYTICAL SERVICES, LLC.

Serial_No:01262119:23

155 Center Street, Building C, Auburn, Maine 04210
Phone (207) 784-5354 website www.allaboratory.com

Laboratory Report

Alpha Analytical
8 Walkup Dr.
Westborough, MA 01581

Date Printed: 01/26/2021
Work Order #: 2101-00793
Client Job #: L2101121
Date Received: 01/09/2021
Sample collected in: Maine

Attached please find results for the analysis of the samples received on the date referenced above.

Unless otherwise noted in the attached report, the analyses performed met the requirements of the analyzing laboratory's Quality Assurance Plan, Standard Operating Procedures and State Accreditation. This certificate shall not be reproduced, except in full, without the written approval of the analyzing laboratory. The results presented in this report relate to the samples listed on the following pages in the condition in which they were received. Accreditation for each analyte is identified by the * symbol following the analyte name. Location of our analyzing laboratory is identified by the code in the Analyst Column.

A & L Laboratory:
Identified by ME in Analyst Column
155 Center Street, Auburn, Maine 04210
www.allaboratory.com

Granite State Analytical Services LLC:
Identified by NH in Analyst Column
22 Manchester Road, Derry, NH 03038
www.granitestateanalytical.com

ANALYSIS RELATED NOTES:

- RL: "Reporting limit" means the lowest level of an analyte that can be accurately recovered from the matrix of interest.
- A & L Laboratory / Granite State Analytical Services LLC. accreditation lists can be found on our websites listed above.
- Subcontracted samples will be identified by the Accreditation number of the subcontract laboratory in the analyst field for each analyte and the appropriate laboratory will be listed here. **This report contains data that were produced by a subcontracted laboratory accredited for the fields of testing performed. KNL Laboratory Services, 3202 North Florida Avenue, Tampa, FL 33603 Accreditation # FL00117**
- Data Qualifiers (DQ) Flags provide additional information in regards to the receipt, analysis or quality control of a sample. These are indicated under the DQ Flags Column on your report and listed here if necessary: **Data Qualifier (DQ) Flags: H = Hold time non-compliant.**

SAMPLE STATE SPECIFIC NOTES:

- The thermal preservation requirement of 4°C for nitrate & nitrite has been waived by the Maine CDC for all samples submitted to the Drinking Water Program.
- The State of Maine requires the reporting of radon test results in accordance with the Act (22 MSRA sec. 771 et seq.). The following for all tests completed by A & L will be reported to the state on a monthly basis: address of the structure tested, radon result, and whether or not there is a mitigation system in place. A + symbol indicates State of Maine Radon Registration.
- The Maximum Exposure Guideline(MEG) for water radon in Maine is 4,000pCi/L

Additional Narrative or Comments: **None**

We appreciate the opportunity to provide you with laboratory services. If you have any questions regarding the enclosed report, please contact the laboratory and we will be happy to assist you.

Rebecca L. Labranche
Laboratory Director

A & L Laboratory: Accreditations: Maine ME00021, New Hampshire 2501, Maine Radon Registration ID # SPC20
Granite State Analytical Services, LLC: Accreditations: New Hampshire 1015; Maine NH00003;
Massachusetts M-NH0003; Rhode Island 101513; Vermont VT-101507



A & L LABORATORY

A DIVISION OF GRANITE STATE ANALYTICAL SERVICES, LLC.

155 Center Street, Building C, Auburn, Maine 04210
 Phone (207) 784-5354 website www.allaboratory.com

CERTIFICATE OF ANALYSIS FOR DRINKING WATER

DATE PRINTED: 01/26/2021
CLIENT NAME: Alpha Analytical
CLIENT ADDRESS: 8 Walkup Dr.
 Westborough, MA 01581

SAMPLE ID #: 2101-00793-001
SAMPLED BY: Not given

SAMPLE ADDRESS: Kingfish Pump Test
 Jonesport ME
 Well 4

MORE LOC INFO:

Legend	
Passes	✔
Fails EPA Primary	⊗
Fails EPA Secondary	⚠
Fails State Guideline	✕
Attention	⚠

DATE AND TIME COLLECTED: 01/08/2021 01:10PM
DATE AND TIME RECEIVED: 01/09/2021 07:00AM
ANALYSIS PACKAGE: A & L MPN-ME
RECEIPT TEMPERATURE: ON ICE 3° CELSIUS

CLIENT JOB #: L2101121

Test Description	Result	Test Units	Pass /Fail	DQ Flag	RL	Limit	Method	Analyst	Date - Time Analyzed
Coliform MPN*	<1	MPN/100mL	✔		1	No Limit	SM 9223 B	RL-ME	01/11/2021 06:30AM
E. coli MPN*	<1	MPN/100mL	✔		1	0	SM 9223 B	RL-ME	01/11/2021 06:30AM
Total Coliform / E.coli Bacteria Preparation (Colisure® Quanti-Tray®) 20th ED							SM 9223 B	TT-ME	01/09/2021 10:20AM

Rebecca L. Labranche
 Laboratory Director



A & L LABORATORY

A DIVISION OF GRANITE STATE ANALYTICAL SERVICES, LLC.

Serial_No:01262119:23

155 Center Street, Building C, Auburn, Maine 04210
Phone (207) 784-5354 website www.allaboratory.com

CERTIFICATE OF ANALYSIS FOR DRINKING WATER

DATE PRINTED: 01/26/2021
CLIENT NAME: Alpha Analytical
CLIENT ADDRESS: 8 Walkup Dr.
Westborough, MA 01581

SAMPLE ID #: 2101-00793-002
SAMPLED BY: Not given

SAMPLE ADDRESS: Kingfish Pump Test
Jonesport ME
MORE LOC INFO: Well 4

Legend	
Passes	✔
Fails EPA Primary	⊗
Fails EPA Secondary	⚠
Fails State Guideline	✘
Attention	⚠

DATE AND TIME COLLECTED: 01/08/2021 01:10PM
DATE AND TIME RECEIVED: 01/09/2021 07:00AM
ANALYSIS PACKAGE: A & L-IC-IOC Compliance-ME
RECEIPT TEMPERATURE: ON ICE 3° CELSIUS
CLIENT JOB #: L2101121

Test Description	Result	Test Units	Pass /Fail	DQ Flag	RL	Limit	Method	Analyst	Date - Time Analyzed
Calcium*	6.1	mg/L			1	No Limit	EPA 200.7	JLR-NH	01/12/2021 11:07AM
Iron*	<0.01	mg/L	✔		0.01	0.3 mg/L	EPA 200.7	JLR-NH	01/12/2021 11:07AM
Magnesium*	1.9	mg/L			1	No Limit	EPA 200.7	JLR-NH	01/12/2021 11:07AM
Sodium*	7.9	mg/L			1	No Limit	EPA 200.7	JLR-NH	01/12/2021 11:07AM
Antimony*	<0.001	mg/L	✔		0.001	0.006 mg/L	EPA 200.8	JLR-NH	01/13/2021 04:58PM
Arsenic*	0.0030	mg/L	✔		0.001	0.010 mg/L	EPA 200.8	DR-NH	01/12/2021 12:20PM
Barium*	<0.001	mg/L	✔		0.001	2.00 mg/L	EPA 200.8	DR-NH	01/12/2021 12:20PM
Beryllium*	<0.001	mg/L	✔		0.001	0.004 mg/L	EPA 200.8	DR-NH	01/12/2021 12:20PM
Cadmium*	<0.001	mg/L	✔		0.001	0.005 mg/L	EPA 200.8	DR-NH	01/12/2021 12:20PM
Chromium*	0.0011	mg/L	✔		0.001	0.1 mg/L	EPA 200.8	DR-NH	01/12/2021 12:20PM
Copper*	<0.001	mg/L	✔		0.001	1.3 mg/L	EPA 200.8	DR-NH	01/12/2021 12:20PM
Lead*	<0.001	mg/L	✔		0.001	0.015 mg/L	EPA 200.8	DR-NH	01/12/2021 12:20PM
Manganese*	<0.001	mg/L	✔		0.001	0.05 mg/L	EPA 200.8	DR-NH	01/12/2021 12:20PM
Mercury*	<0.0001	mg/L	✔		0.0001	0.002 mg/L	EPA 200.8	JLR-NH	01/12/2021 11:05AM
Nickel*	<0.001	mg/L			0.001	No limit	EPA 200.8	DR-NH	01/12/2021 12:20PM
Selenium*	<0.001	mg/L	✔		0.001	0.05 mg/L	EPA 200.8	DR-NH	01/19/2021 11:34AM
Silver*	<0.001	mg/L	✔		0.001	0.1 mg/L	EPA 200.8	JLR-NH	01/13/2021 04:58PM
Thallium*	<0.001	mg/L	✔		0.001	0.002 mg/L	EPA 200.8	JLR-NH	01/13/2021 04:58PM
Uranium*	<1	ug/L	✔		1	30 ug/L	EPA 200.8	DR-NH	01/12/2021 12:20PM
Zinc*	<0.001	mg/L	✔		0.001	5 mg/L	EPA 200.8	DR-NH	01/12/2021 12:20PM
Uranium	<0.67	pCi/L	✔		0.67	20 pCi/L	EPA 200.8 Calc.	DR-NH	01/12/2021 12:20PM
Chloride*	6	mg/L	✔		2	250 mg/L	EPA 300.0	TT-ME	01/09/2021 10:38AM
Fluoride*	<0.2	mg/L	✔		0.2	4.0 mg/L	EPA 300.0	TT-ME	01/09/2021 10:38AM
Nitrate as N*	0.26	mg/L	✔		0.2	10 mg/L	EPA 300.0	TT-ME	01/09/2021 10:38AM

Rebecca L. Labranche
Laboratory Director



A & L LABORATORY

A DIVISION OF GRANITE STATE ANALYTICAL SERVICES, LLC.

Serial_No:01262119:23

155 Center Street, Building C, Auburn, Maine 04210
 Phone (207) 784-5354 website www.allaboratory.com

CERTIFICATE OF ANALYSIS FOR DRINKING WATER

DATE PRINTED: 01/26/2021
CLIENT NAME: Alpha Analytical
CLIENT ADDRESS: 8 Walkup Dr.
 Westborough, MA 01581

SAMPLE ID #: 2101-00793-002
SAMPLED BY: Not given

SAMPLE ADDRESS: Kingfish Pump Test
 Jonesport ME
MORE LOC INFO: Well 4

Legend	
Passes	✓
Fails EPA Primary	⊗
Fails EPA Secondary	▼
Fails State Guideline	✕
Attention	⚠

DATE AND TIME COLLECTED: 01/08/2021 01:10PM
DATE AND TIME RECEIVED: 01/09/2021 07:00AM
ANALYSIS PACKAGE: A & L-IC-IOC Compliance-ME
RECEIPT TEMPERATURE: ON ICE 3° CELSIUS
CLIENT JOB #: L2101121

Test Description	Result	Test Units	Pass /Fail	DQ Flag	RL	Limit	Method	Analyst	Date - Time Analyzed
Nitrite as N*	<0.2	mg/L	✓		0.2	1 mg/L	EPA 300.0	TT-ME	01/09/2021 10:38AM
Sulfate*	5	mg/L	✓		2	250 mg/L	EPA 300.0	TT-ME	01/09/2021 10:38AM
Hardness (calc.)*	23.1	mg CaCO3/L			2	No Limit	SM 2340 B	JLR-NH	01/12/2021 11:07AM
pH*	8.15	SU	✓	H	--	6.5 - 8.5 SU	SM 4500-H+B	TT-ME	01/09/2021 09:15AM

Rebecca L. Labranche
 Laboratory Director



A & L LABORATORY

A DIVISION OF GRANITE STATE ANALYTICAL SERVICES, LLC.

155 Center Street, Building C, Auburn, Maine 04210
 Phone (207) 784-5354 website www.allaboratory.com

CERTIFICATE OF ANALYSIS FOR DRINKING WATER

DATE PRINTED: 01/26/2021
CLIENT NAME: Alpha Analytical
CLIENT ADDRESS: 8 Walkup Dr.
 Westborough, MA 01581

SAMPLE ID #: 2101-00793-004
SAMPLED BY: Not given

SAMPLE ADDRESS: Kingfish Pump Test
 Jonesport ME

MORE LOC INFO: Well 4

Legend	
Passes	✓
Fails EPA Primary	⊗
Fails EPA Secondary	⚠
Fails State Guideline	✗
Attention	⚠

DATE AND TIME COLLECTED: 01/08/2021 01:10PM

DATE AND TIME RECEIVED: 01/09/2021 07:00AM

ANALYSIS PACKAGE: A & L Gross
 Alpha/Uranium
 Compliance-ME

RECEIPT TEMPERATURE: ON ICE 3° CELSIUS

CLIENT JOB #: L2101121

Test Description	Result	Test Units	Pass /Fail	DQ Flag	RL	Limit	Method	Analyst	Date - Time Analyzed
Uranium*	<1	ug/L	✓		1	30 ug/L	EPA 200.8	JLR-NH	01/11/2021 05:12PM
Uranium	<0.67	pCi/L	✓		0.67	20 pCi/L	EPA 200.8 Calc.	JLR-NH	01/11/2021 05:12PM
Analytical Gross Alpha*	<1	pCi/L			---	No Limit	EPA 900.0	FL00117	01/15/2021 08:01AM
Compliance Gross Alpha*	<2.5	pCi/L	✓		---	15 pCi/L	N/A Calculation	RL-ME	01/15/2021 08:01AM

Rebecca L. Labranche
 Laboratory Director



A & L LABORATORY

A DIVISION OF GRANITE STATE ANALYTICAL SERVICES, LLC.

155 Center Street, Building C, Auburn, Maine 04210
 Phone (207) 784-5354 website www.allaboratory.com

CERTIFICATE OF ANALYSIS FOR DRINKING WATER

DATE PRINTED: 01/26/2021
CLIENT NAME: Alpha Analytical
CLIENT ADDRESS: 8 Walkup Dr.
 Westborough, MA 01581

SAMPLE ID #: 2101-00793-005
SAMPLED BY: Not given

SAMPLE ADDRESS: Kingfish Pump Test
 Jonesport ME
MORE LOC INFO: Not given Well 4

Legend	
Passes	✓
Fails EPA Primary	⊗
Fails EPA Secondary	▼
Fails State Guideline	✕
Attention	⚠

DATE AND TIME COLLECTED: 01/08/2021 01:10PM
DATE AND TIME RECEIVED: 01/09/2021 07:00AM
ANALYSIS PACKAGE: A & L Radon Water
RECEIPT TEMPERATURE: ON ICE 3° CELSIUS

CLIENT JOB #: L2101121

Test Description	Result	Test Units	Pass /Fail	DQ Flag	RL	Limit	Method	Analyst	Date - Time Analyzed
Radon+	2,537	pCi/L	✓		100	4000 pCi/L	SM 7500-RN B	TT-ME	01/09/2021 04:16PM

Rebecca L. Labranche
 Laboratory Director



A & L LABORATORY

A DIVISION OF GRANITE STATE ANALYTICAL SERVICES, LLC.

Serial_No:01262119:23

155 Center Street, Building C, Auburn, Maine 04210
Phone (207) 784-5354 website www.allaboratory.com

CERTIFICATE OF ANALYSIS FOR DRINKING WATER

DATE PRINTED: 01/26/2021
CLIENT NAME: Alpha Analytical
CLIENT ADDRESS: 8 Walkup Dr.
Westborough, MA 01581

SAMPLE ID #: 2101-00793-006
SAMPLED BY: Not given

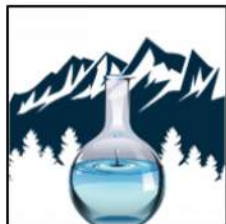
SAMPLE ADDRESS: Kingfish Pump Test
Jonesport ME
Well 4

DATE AND TIME COLLECTED: 01/08/2021 01:10PM
DATE AND TIME RECEIVED: 01/09/2021 07:00AM
ANALYSIS PACKAGE: SOC GSA ME
RECEIPT TEMPERATURE: ON ICE 3° CELSIUS

Legend	
Passes	✔
Fails EPA Primary	⊗
Fails EPA Secondary	⚠
Fails State Guideline	✘
Attention	⚠

Test Description	Result	Test Units	Pass /Fail	DQ Flag	CLIENT JOB #:		Method	Analyst	Date - Time Analyzed
					RL	Limit			
1,2-Dibromo-3-chloropropane (DBCP)*	<0.02	ug/L	✔		0.02	0.2 ug/L	EPA 504.1	KV-NH	01/12/2021 08:51PM
Date Extracted	-					No Limit	EPA 504.1	TA-NH	01/12/2021 09:00AM
Ethylene Dibromide (EDB)*	<0.02	ug/L	✔		0.02	0.05 ug/L	EPA 504.1	KV-NH	01/12/2021 08:51PM
Aroclor 1016 Screen*	<0.2	ug/L			0.2	No Limit	EPA 505	KV-NH	01/13/2021 01:17AM
Aroclor 1221 Screen*	<0.2	ug/L			0.2	No Limit	EPA 505	KV-NH	01/13/2021 01:17AM
Aroclor 1232 Screen*	<0.2	ug/L			0.2	No Limit	EPA 505	KV-NH	01/13/2021 01:17AM
Aroclor 1242 Screen*	<0.2	ug/L			0.2	No Limit	EPA 505	KV-NH	01/13/2021 01:17AM
Aroclor 1248 Screen*	<0.2	ug/L			0.2	No Limit	EPA 505	KV-NH	01/13/2021 01:17AM
Aroclor 1254 Screen*	<0.2	ug/L			0.2	No Limit	EPA 505	KV-NH	01/13/2021 01:17AM
Aroclor 1260 Screen*	<0.2	ug/L			0.2	No Limit	EPA 505	KV-NH	01/13/2021 01:17AM
Chlordane*	<0.4	ug/L	✔		0.4	2.0 ug/L	EPA 505	KV-NH	01/13/2021 01:17AM
Date Extracted	-					No Limit	EPA 505	TA-NH	01/12/2021 09:00AM
Total PCBs (calc.)*	<0.2	ug/L			0.2	No Limit	EPA 505	KV-NH	01/13/2021 01:17AM
Toxaphene*	<2	ug/L	✔		2.0	3 ug/L	EPA 505	KV-NH	01/13/2021 01:17AM
2,4,5-TP (Silvex)*	<0.25	ug/L	✔		0.25	50 ug/L	EPA 515.3	KV-NH	01/15/2021 12:02AM
2,4-D*	<1	ug/L	✔		1	70 ug/L	EPA 515.3	KV-NH	01/15/2021 12:02AM
Dalapon*	<1	ug/L	✔		1	200 ug/L	EPA 515.3	KV-NH	01/15/2021 12:02AM
Date Extracted	-					No Limit	EPA 515.3	TA-NH	01/14/2021 09:20AM
Dicamba*	<0.5	ug/L			0.5	No Limit	EPA 515.3	KV-NH	01/15/2021 12:02AM
Dinoseb*	<1	ug/L	✔		1	7 ug/L	EPA 515.3	KV-NH	01/15/2021 12:02AM
Pentachlorophenol*	<0.1	ug/L	✔		0.1	1 ug/L	EPA 515.3	KV-NH	01/15/2021 12:02AM
Picloram*	<2	ug/L	✔		2	500 ug/L	EPA 515.3	KV-NH	01/15/2021 12:02AM
2,4-Dichlorophenylacetic acid	95	%	✔			70-130%	EPA 515.3 - SS	KV-NH	01/15/2021 12:02AM

Rebecca L. Labranche
Laboratory Director



A & L LABORATORY

A DIVISION OF GRANITE STATE ANALYTICAL SERVICES, LLC.

Serial_No:01262119:23

155 Center Street, Building C, Auburn, Maine 04210
Phone (207) 784-5354 website www.allaboratory.com

CERTIFICATE OF ANALYSIS FOR DRINKING WATER

DATE PRINTED: 01/26/2021
CLIENT NAME: Alpha Analytical
CLIENT ADDRESS: 8 Walkup Dr.
Westborough, MA 01581

SAMPLE ID #: 2101-00793-006
SAMPLED BY: Not given

SAMPLE ADDRESS: Kingfish Pump Test
Jonesport ME
Well 4

Legend	
Passes	✔
Fails EPA Primary	⊗
Fails EPA Secondary	⚠
Fails State Guideline	✘
Attention	⚠

DATE AND TIME COLLECTED: 01/08/2021 01:10PM
DATE AND TIME RECEIVED: 01/09/2021 07:00AM
ANALYSIS PACKAGE: SOC GSA ME
RECEIPT TEMPERATURE: ON ICE 3° CELSIUS

CLIENT JOB #: L2101121

Test Description	Result	Test Units	Pass /Fail	DQ Flag	RL	Limit	Method	Analyst	Date - Time Analyzed
Alachlor*	<0.1	ug/L	✔		0.1	2 ug/L	EPA 525.2	DD-NH	01/12/2021 02:32PM
Aldrin*	<0.1	ug/L			0.1	No Limit	EPA 525.2	DD-NH	01/12/2021 02:32PM
Atrazine*	<0.1	ug/L	✔		0.1	3 ug/L	EPA 525.2	DD-NH	01/12/2021 02:32PM
Benzo(a)pyrene*	<0.1	ug/L	✔		0.1	0.2 ug/L	EPA 525.2	DD-NH	01/12/2021 02:32PM
Butachlor*	<0.1	ug/L			0.1	No Limit	EPA 525.2	DD-NH	01/12/2021 02:32PM
Date Extracted	-					No Limit	EPA 525.2	GQ-NH	01/11/2021 10:30AM
Di(2-ethylhexyl)adipate*	<1	ug/L	✔		1	400 ug/L	EPA 525.2	DD-NH	01/12/2021 02:32PM
Di(2-ethylhexyl)phthalate*	<1	ug/L	✔		1	6 ug/L	EPA 525.2	DD-NH	01/12/2021 02:32PM
Dieldrin*	<0.1	ug/L			0.1	No Limit	EPA 525.2	DD-NH	01/12/2021 02:32PM
Endrin*	<0.1	ug/L	✔		0.1	2 ug/L	EPA 525.2	DD-NH	01/12/2021 02:32PM
Heptachlor Epoxide*	<0.1	ug/L	✔		0.1	0.2 ug/L	EPA 525.2	DD-NH	01/12/2021 02:32PM
Heptachlor*	<0.1	ug/L	✔		0.1	0.4 ug/L	EPA 525.2	DD-NH	01/12/2021 02:32PM
Hexachlorobenzene*	<0.1	ug/L	✔		0.1	1 ug/L	EPA 525.2	DD-NH	01/12/2021 02:32PM
Hexachlorocyclopentadiene*	<0.1	ug/L	✔		0.1	50 ug/L	EPA 525.2	DD-NH	01/12/2021 02:32PM
Lindane*	<0.1	ug/L	✔		0.1	0.2 ug/L	EPA 525.2	DD-NH	01/12/2021 02:32PM
Methoxychlor*	<0.1	ug/L	✔		0.1	40 ug/L	EPA 525.2	DD-NH	01/12/2021 02:32PM
Metolachlor*	<0.1	ug/L			0.1	No Limit	EPA 525.2	DD-NH	01/12/2021 02:32PM
Metribuzin*	<0.1	ug/L	✔		0.1	70 ug/L	EPA 525.2	DD-NH	01/12/2021 02:32PM
Propachlor*	<0.1	ug/L			0.1	No Limit	EPA 525.2	DD-NH	01/12/2021 02:32PM
Simazine*	<0.1	ug/L	✔		0.1	4 ug/L	EPA 525.2	DD-NH	01/12/2021 02:32PM
1,3-Dimethyl-2-nitrobenzene	95	%	✔			70-130%	EPA 525.2 - SS	DD-NH	01/12/2021 02:32PM
Perylene-d12	92	%	✔			70-130%	EPA 525.2 - SS	DD-NH	01/12/2021 02:32PM
Pyrene-d10	96	%	✔			70-130%	EPA 525.2 - SS	DD-NH	01/12/2021 02:32PM
Triphenylphosphate	114	%	✔			70-130%	EPA 525.2 - SS	DD-NH	01/12/2021 02:32PM

Rebecca L. Labranche
Laboratory Director



A & L LABORATORY

A DIVISION OF GRANITE STATE ANALYTICAL SERVICES, LLC.

Serial_No:01262119:23

155 Center Street, Building C, Auburn, Maine 04210
Phone (207) 784-5354 website www.allaboratory.com

CERTIFICATE OF ANALYSIS FOR DRINKING WATER

DATE PRINTED: 01/26/2021
CLIENT NAME: Alpha Analytical
CLIENT ADDRESS: 8 Walkup Dr.
Westborough, MA 01581

SAMPLE ID #: 2101-00793-006
SAMPLED BY: Not given

SAMPLE ADDRESS: Kingfish Pump Test
Jonesport ME
Well 4

Legend	
Passes	✔
Fails EPA Primary	⊗
Fails EPA Secondary	⚠
Fails State Guideline	✘
Attention	⚠

DATE AND TIME COLLECTED: 01/08/2021 01:10PM
DATE AND TIME RECEIVED: 01/09/2021 07:00AM
ANALYSIS PACKAGE: SOC GSA ME
RECEIPT TEMPERATURE: ON ICE 3° CELSIUS

CLIENT JOB #: L2101121

Test Description	Result	Test Units	Pass /Fail	DQ Flag	RL	Limit	Method	Analyst	Date - Time Analyzed
3-Hydroxycarbofuran*	<1	ug/L			1	No Limit	EPA 531.1	KV-NH	01/19/2021 04:18AM
Aldicarb Sulfone*	<1	ug/L			1	No Limit	EPA 531.1	KV-NH	01/19/2021 04:18AM
Aldicarb Sulfoxide*	<1	ug/L			1	No Limit	EPA 531.1	KV-NH	01/19/2021 04:18AM
Aldicarb*	<1	ug/L			1	No Limit	EPA 531.1	KV-NH	01/19/2021 04:18AM
Carbaryl*	<1	ug/L			1	No Limit	EPA 531.1	KV-NH	01/19/2021 04:18AM
Carbofuran*	<1	ug/L	✔		1	40 ug/L	EPA 531.1	KV-NH	01/19/2021 04:18AM
Date Extracted	-					No Limit	EPA 531.1	KV-NH	01/18/2021 04:20PM
Methiocarb*	<1	ug/L			1	No Limit	EPA 531.1	KV-NH	01/19/2021 04:18AM
Methomyl*	<1	ug/L			1	No Limit	EPA 531.1	KV-NH	01/19/2021 04:18AM
Oxamyl (Vydate)*	<1	ug/L	✔		1	200 ug/L	EPA 531.1	KV-NH	01/19/2021 04:18AM
Propoxur (Baygon)*	<1	ug/L			1	No Limit	EPA 531.1	KV-NH	01/19/2021 04:18AM

Rebecca L. Labranche
Laboratory Director



A & L LABORATORY

A DIVISION OF GRANITE STATE ANALYTICAL SERVICES, LLC.

Serial_No:01262119:23

155 Center Street, Building C, Auburn, Maine 04210
Phone (207) 784-5354 website www.allaboratory.com

CERTIFICATE OF ANALYSIS FOR DRINKING WATER

DATE PRINTED: 01/26/2021
CLIENT NAME: Alpha Analytical
CLIENT ADDRESS: 8 Walkup Dr.
Westborough, MA 01581

SAMPLE ID #: 2101-00793-007
SAMPLED BY:

SAMPLE ADDRESS: ME

MORE LOC INFO: QC

Legend	
Passes	✔
Fails EPA Primary	⊗
Fails EPA Secondary	⚠
Fails State Guideline	✘
Attention	⚠

DATE AND TIME COLLECTED:
DATE AND TIME RECEIVED: 01/09/2021 07:00AM
ANALYSIS PACKAGE: QC 300.0 A&L IOC
RECEIPT TEMPERATURE: ON ICE 3° CELSIUS
CLIENT JOB #: L2101121

Test Description	Result	Test Units	Pass /Fail	DQ Flag	RL	Limit	Method	Analyst	Date - Time Analyzed
Chloride Initial IPC	93	%	✔		0	90-110%	EPA 300.0	TT-ME	01/09/2021 08:50AM
Chloride LFB	100	%	✔		0	90-110%	EPA 300.0	TT-ME	01/09/2021 09:20AM
Chloride LRB	<2.0	mg/L	✔		2.0	2.0	EPA 300.0	TT-ME	01/09/2021 08:03AM
Chloride QCS	103	%	✔		0	90-110%	EPA 300.0	TT-ME	01/09/2021 08:34AM
Fluoride Initial IPC	94	%	✔		0	90-110%	EPA 300.0	TT-ME	01/09/2021 08:50AM
Fluoride LFB	100	%	✔		0	90-110%	EPA 300.0	TT-ME	01/09/2021 09:20AM
Fluoride LRB	<0.2	mg/L	✔		0.2	0.2	EPA 300.0	TT-ME	01/09/2021 08:03AM
Fluoride QCS	110	%	✔		0	90-110%	EPA 300.0	TT-ME	01/09/2021 08:34AM
Nitrate Initial IPC	94	%	✔		0	90-110%	EPA 300.0	TT-ME	01/09/2021 08:50AM
Nitrate LFB	100	%	✔		0	90-110%	EPA 300.0	TT-ME	01/09/2021 09:20AM
Nitrate LRB	<0.2	mg/L	✔		0.2	0.2	EPA 300.0	TT-ME	01/09/2021 08:03AM
Nitrate QCS	101	%	✔		0	90-110%	EPA 300.0	TT-ME	01/09/2021 08:34AM
Nitrite Initial IPC	93	%	✔		0	90-110%	EPA 300.0	TT-ME	01/09/2021 08:50AM
Nitrite LFB	100	%	✔		0	90-110%	EPA 300.0	TT-ME	01/09/2021 09:20AM
Nitrite LRB	<0.2	mg/L	✔		0.2	0.2	EPA 300.0	TT-ME	01/09/2021 08:03AM
Nitrite QCS	105	%	✔		0	90-110%	EPA 300.0	TT-ME	01/09/2021 08:34AM
Sulfate Initial IPC	95	%	✔		0	90-110%	EPA 300.0	TT-ME	01/09/2021 08:50AM
Sulfate LFB	100	%	✔		0	90-110%	EPA 300.0	TT-ME	01/09/2021 09:20AM
Sulfate LRB	<2.0	mg/L	✔		2.0	2.0	EPA 300.0	TT-ME	01/09/2021 08:03AM
Sulfate QCS	105	%	✔		0	90-110%	EPA 300.0	TT-ME	01/09/2021 08:34AM
pH CCS	7.01	SU	✔		--	6.9-7.1 SU	SM 4500-H+ B	TT-ME	01/09/2021 09:58AM
pH LCS	7.06	SU	✔		--	6.9-7.1 SU	SM 4500-H+ B	TT-ME	01/09/2021 08:59AM

Rebecca L. Labranche
Laboratory Director



A & L LABORATORY

A DIVISION OF GRANITE STATE ANALYTICAL SERVICES, LLC.

Serial_No:01262119:23

155 Center Street, Building C, Auburn, Maine 04210
Phone (207) 784-5354 website www.allaboratory.com

CERTIFICATE OF ANALYSIS FOR DRINKING WATER

DATE PRINTED: 01/26/2021
CLIENT NAME: Alpha Analytical
CLIENT ADDRESS: 8 Walkup Dr.
 Westborough, MA 01581
SAMPLE ID #: 2101-00793-008
SAMPLED BY:
SAMPLE ADDRESS: ME
MORE LOC INFO: QC Data EPA 200.7

Legend	
Passes	✓
Fails EPA Primary	⊗
Fails EPA Secondary	⚠
Fails State Guideline	✗
Attention	⚠

DATE AND TIME COLLECTED:
DATE AND TIME RECEIVED: 01/09/2021 07:00AM
ANALYSIS PACKAGE: QC 200.7 A&L IOC
RECEIPT TEMPERATURE: ON ICE 3° CELSIUS
CLIENT JOB #: L2101121

Test Description	Result	Test Units	Pass /Fail	DQ Flag	RL	Limit	Method	Analyst	Date - Time Analyzed
Calcium Continuing Cal. Blank	<1	mg/L	✓		1	1 mg/L	EPA 200.7	JLR-NH	01/12/2021 10:49AM
Calcium Continuing Cal. Verification	100	%	✓			90-110 %	EPA 200.7	JLR-NH	01/12/2021 10:48AM
Calcium Initial Cal. Blank	<1	mg/L	✓		1	1 mg/L	EPA 200.7	JLR-NH	01/12/2021 10:45AM
Calcium Initial Cal. Verification	99	%	✓			90-110 %	EPA 200.7	JLR-NH	01/12/2021 10:42AM
Iron Continuing Cal. Blank	<0.01	mg/L	✓		0.01	0.01 mg/L	EPA 200.7	JLR-NH	01/12/2021 10:49AM
Iron Continuing Cal. Verification	98	%	✓			90-110 %	EPA 200.7	JLR-NH	01/12/2021 10:46AM
Iron Initial Cal. Blank	<0.01	mg/L	✓		0.01	0.01 mg/L	EPA 200.7	JLR-NH	01/12/2021 10:45AM
Iron Initial Cal. Verification	100	%	✓			90-110 %	EPA 200.7	JLR-NH	01/12/2021 10:42AM
Magnesium Continuing Cal. Blank	<1	mg/L	✓		1	1 mg/L	EPA 200.7	JLR-NH	01/12/2021 10:49AM
Magnesium Continuing Cal. Verification	101	%	✓			90-110 %	EPA 200.7	JLR-NH	01/12/2021 10:48AM
Magnesium Initial Cal. Blank	<1	mg/L	✓		1	1 mg/L	EPA 200.7	JLR-NH	01/12/2021 10:45AM
Magnesium Initial Cal. Verification	98	%	✓			90-110 %	EPA 200.7	JLR-NH	01/12/2021 10:42AM
Sodium Continuing Cal. Blank	<1	mg/L	✓		1	1 mg/L	EPA 200.7	JLR-NH	01/12/2021 10:49AM
Sodium Continuing Cal. Verification	101	%	✓			90-110 %	EPA 200.7	JLR-NH	01/12/2021 10:48AM
Sodium Initial Cal. Blank	<1	mg/L	✓		1	1 mg/L	EPA 200.7	JLR-NH	01/12/2021 10:45AM
Sodium Initial Cal. Verification	99	%	✓			90-110 %	EPA 200.7	JLR-NH	01/12/2021 10:42AM

Rebecca L. Labranche
Laboratory Director



A & L LABORATORY

A DIVISION OF GRANITE STATE ANALYTICAL SERVICES, LLC.

Serial_No:01262119:23

155 Center Street, Building C, Auburn, Maine 04210
Phone (207) 784-5354 website www.allaboratory.com

CERTIFICATE OF ANALYSIS FOR DRINKING WATER

DATE PRINTED: 01/26/2021
CLIENT NAME: Alpha Analytical
CLIENT ADDRESS: 8 Walkup Dr.
 Westborough, MA 01581
SAMPLE ID #: 2101-00793-009
SAMPLED BY:
SAMPLE ADDRESS: ME
MORE LOC INFO: QC Data EPA 200.8

Legend	
Passes	✔
Fails EPA Primary	⊗
Fails EPA Secondary	⚠
Fails State Guideline	✘
Attention	⚠

DATE AND TIME COLLECTED:
DATE AND TIME RECEIVED: 01/09/2021 07:00AM
ANALYSIS PACKAGE: QC 200.8
RECEIPT TEMPERATURE: ON ICE 3° CELSIUS
CLIENT JOB #: L2101121

Test Description	Result	Test Units	Pass /Fail	DQ Flag	RL	Limit	Method	Analyst	Date - Time Analyzed
Antimony Continuing Cal. Blank	<0.001	mg/L	✔		0.001	0.001 mg/L	EPA 200.8	JLR-NH	01/13/2021 04:22PM
Antimony Continuing Cal. Verification	107	%	✔		0	90-110 %	EPA 200.8	JLR-NH	01/13/2021 04:18PM
Antimony Initial Cal. Blank	<0.001	mg/L	✔		0.001	0.001 mg/L	EPA 200.8	JLR-NH	01/13/2021 04:11PM
Antimony Initial Cal. Verification	98	%	✔		0	90-110 %	EPA 200.8	JLR-NH	01/13/2021 04:07PM
Arsenic Continuing Cal. Blank	<0.001	mg/L	✔		0.001	0.001 mg/L	EPA 200.8	DR-NH	01/12/2021 12:11PM
Arsenic Continuing Cal. Verification	96	%	✔		0	90-110 %	EPA 200.8	DR-NH	01/12/2021 12:09PM
Arsenic Initial Cal. Blank	<0.001	mg/L	✔		0.001	0.001 mg/L	EPA 200.8	DR-NH	01/12/2021 10:53AM
Arsenic Initial Cal. Verification	97	%	✔		0	90-110 %	EPA 200.8	DR-NH	01/12/2021 10:51AM
Barium Continuing Cal. Blank	<0.001	mg/L	✔		0.001	0.001 mg/L	EPA 200.8	DR-NH	01/12/2021 12:11PM
Barium Continuing Cal. Verification	98	%	✔		0	90-110 %	EPA 200.8	DR-NH	01/12/2021 12:09PM
Barium Initial Cal. Blank	<0.001	mg/L	✔		0.001	0.001 mg/L	EPA 200.8	DR-NH	01/12/2021 10:53AM
Barium Initial Cal. Verification	97	%	✔		0	90-110 %	EPA 200.8	DR-NH	01/12/2021 10:51AM
Beryllium Continuing Cal. Blank	<0.001	mg/L	✔		0.001	0.001 mg/L	EPA 200.8	DR-NH	01/12/2021 12:11PM
Beryllium Continuing Cal. Verification	102	%	✔		0	90-110 %	EPA 200.8	DR-NH	01/12/2021 12:09PM
Beryllium Initial Cal. Blank	<0.001	mg/L	✔		0.001	0.001 mg/L	EPA 200.8	DR-NH	01/12/2021 10:53AM
Beryllium Initial Cal. Verification	98	%	✔		0	90-110 %	EPA 200.8	DR-NH	01/12/2021 10:51AM
Cadmium Continuing Cal. Blank	<0.001	mg/L	✔		0.001	0.001 mg/L	EPA 200.8	DR-NH	01/12/2021 12:11PM

Rebecca L. Labranche
Laboratory Director



A & L LABORATORY

A DIVISION OF GRANITE STATE ANALYTICAL SERVICES, LLC.

Serial_No:01262119:23

155 Center Street, Building C, Auburn, Maine 04210
Phone (207) 784-5354 website www.allaboratory.com

CERTIFICATE OF ANALYSIS FOR DRINKING WATER

DATE PRINTED: 01/26/2021
CLIENT NAME: Alpha Analytical
CLIENT ADDRESS: 8 Walkup Dr.
 Westborough, MA 01581
SAMPLE ID #: 2101-00793-009
SAMPLED BY:
SAMPLE ADDRESS: ME
MORE LOC INFO: QC Data EPA 200.8

Legend	
Passes	✓
Fails EPA Primary	⊗
Fails EPA Secondary	⚠
Fails State Guideline	✗
Attention	⚠

DATE AND TIME COLLECTED:
DATE AND TIME RECEIVED: 01/09/2021 07:00AM
ANALYSIS PACKAGE: QC 200.8
RECEIPT TEMPERATURE: ON ICE 3° CELSIUS
CLIENT JOB #: L2101121

Test Description	Result	Test Units	Pass /Fail	DQ Flag	RL	Limit	Method	Analyst	Date - Time Analyzed
Cadmium Continuing Cal. Verification	104	%	✓		0	90-110 %	EPA 200.8	DR-NH	01/12/2021 12:09PM
Cadmium Initial Cal. Blank	<0.001	mg/L	✓		0.001	0.001 mg/L	EPA 200.8	DR-NH	01/12/2021 10:53AM
Cadmium Initial Cal. Verification	102	%	✓		0	90-110 %	EPA 200.8	DR-NH	01/12/2021 10:51AM
Chromium Continuing Cal. Blank	<0.001	mg/L	✓		0.001	0.001 mg/L	EPA 200.8	DR-NH	01/12/2021 12:11PM
Chromium Continuing Cal. Verification	103	%	✓		0	90-110 %	EPA 200.8	DR-NH	01/12/2021 12:09PM
Chromium Initial Cal. Blank	<0.001	mg/L	✓		0.001	0.001 mg/L	EPA 200.8	DR-NH	01/12/2021 10:53AM
Chromium Initial Cal. Verification	101	%	✓		0	90-110 %	EPA 200.8	DR-NH	01/12/2021 10:51AM
Copper Continuing Cal. Blank	<0.001	mg/L	✓		0.001	0.001 mg/L	EPA 200.8	DR-NH	01/12/2021 12:11PM
Copper Continuing Cal. Verification	95	%	✓		0	90-110 %	EPA 200.8	DR-NH	01/12/2021 12:09PM
Copper Initial Cal. Blank	<0.001	mg/L	✓		0.001	0.001 mg/L	EPA 200.8	DR-NH	01/12/2021 10:53AM
Copper Initial Cal. Verification	95	%	✓		0	90-110 %	EPA 200.8	DR-NH	01/12/2021 10:51AM
Lead Continuing Cal. Blank	<0.001	mg/L	✓		0.001	0.001 mg/L	EPA 200.8	DR-NH	01/12/2021 12:11PM
Lead Continuing Cal. Verification	100	%	✓		0	90-110 %	EPA 200.8	DR-NH	01/12/2021 12:09PM
Lead Initial Cal. Blank	<0.001	mg/L	✓		0.001	0.001 mg/L	EPA 200.8	DR-NH	01/12/2021 10:53AM
Lead Initial Cal. Verification	99	%	✓		0	90-110 %	EPA 200.8	DR-NH	01/12/2021 10:51AM
Manganese Continuing Cal. Blank	<0.001	mg/L	✓		0.001	0.001 mg/L	EPA 200.8	DR-NH	01/12/2021 12:11PM
Manganese Continuing Cal. Verification	102	%	✓		0	90-110 %	EPA 200.8	DR-NH	01/12/2021 12:09PM
Manganese Initial Cal. Blank	<0.001	mg/L	✓		0.001	0.001 mg/L	EPA 200.8	DR-NH	01/12/2021 10:53AM

Rebecca L. Labranche
Laboratory Director



A & L LABORATORY

A DIVISION OF GRANITE STATE ANALYTICAL SERVICES, LLC.

Serial_No:01262119:23

155 Center Street, Building C, Auburn, Maine 04210
Phone (207) 784-5354 website www.allaboratory.com

CERTIFICATE OF ANALYSIS FOR DRINKING WATER

DATE PRINTED: 01/26/2021
CLIENT NAME: Alpha Analytical
CLIENT ADDRESS: 8 Walkup Dr.
 Westborough, MA 01581
SAMPLE ID #: 2101-00793-009
SAMPLED BY:
SAMPLE ADDRESS: ME
MORE LOC INFO: QC Data EPA 200.8

Legend	
Passes	✔
Fails EPA Primary	⊗
Fails EPA Secondary	⚠
Fails State Guideline	✘
Attention	⚠

DATE AND TIME COLLECTED:
DATE AND TIME RECEIVED: 01/09/2021 07:00AM
ANALYSIS PACKAGE: QC 200.8
RECEIPT TEMPERATURE: ON ICE 3° CELSIUS
CLIENT JOB #: L2101121

Test Description	Result	Test Units	Pass /Fail	DQ Flag	RL	Limit	Method	Analyst	Date - Time Analyzed
Manganese Initial Cal. Verification	97	%	✔		0	90-110 %	EPA 200.8	DR-NH	01/12/2021 10:51AM
Mercury Continuing Cal. Blank	<0.0001	mg/L	✔		0.0001	0.0001 mg/L	EPA 200.8	JLR-NH	01/12/2021 10:34AM
Mercury Continuing Cal. Verification	107	%	✔		0	90-110 %	EPA 200.8	JLR-NH	01/12/2021 10:30AM
Mercury Initial Cal. Blank	<0.0001	mg/L	✔		0.0001	0.0001 mg/L	EPA 200.8	JLR-NH	01/12/2021 10:22AM
Mercury Initial Cal. Verification	101	%	✔		0	90-110 %	EPA 200.8	JLR-NH	01/12/2021 10:18AM
Nickel Continuing Cal. Blank	<0.001	mg/L	✔		0.001	0.001 mg/L	EPA 200.8	DR-NH	01/12/2021 12:11PM
Nickel Continuing Cal. Verification	102	%	✔		0	90-110 %	EPA 200.8	DR-NH	01/12/2021 12:09PM
Nickel Initial Cal. Blank	<0.001	mg/L	✔		0.001	0.001 mg/L	EPA 200.8	DR-NH	01/12/2021 10:53AM
Nickel Initial Cal. Verification	103	%	✔		0	90-110 %	EPA 200.8	DR-NH	01/12/2021 10:51AM
Selenium Continuing Cal. Blank	<0.001	mg/L	✔		0.001	0.001 mg/L	EPA 200.8	DR-NH	01/19/2021 11:16AM
Selenium Continuing Cal. Verification	98	%	✔		0	90-110 %	EPA 200.8	DR-NH	01/24/2021 04:01PM
Selenium Initial Cal. Blank	<0.001	mg/L	✔		0.001	0.001 mg/L	EPA 200.8	DR-NH	01/19/2021 11:11AM
Selenium Initial Cal. Verification	96	%	✔		0	90-110 %	EPA 200.8	DR-NH	01/19/2021 11:09AM
Silver Continuing Cal. Blank	<0.001	mg/L	✔		0.001	0.001 mg/L	EPA 200.8	JLR-NH	01/13/2021 04:22PM
Silver Continuing Cal. Verification	99	%	✔		0	90-110 %	EPA 200.8	JLR-NH	01/13/2021 04:18PM
Silver Initial Cal. Blank	<0.001	mg/L	✔		0.001	0.001 mg/L	EPA 200.8	JLR-NH	01/13/2021 04:11PM
Silver Initial Cal. Verification	99	%	✔		0	90-110 %	EPA 200.8	JLR-NH	01/13/2021 04:07PM
Thallium Continuing Cal. Blank	<0.001	mg/L	✔		0.001	0.001 mg/L	EPA 200.8	JLR-NH	01/13/2021 04:22PM

Rebecca L. Labranche
Laboratory Director



A & L LABORATORY

A DIVISION OF GRANITE STATE ANALYTICAL SERVICES, LLC.

Serial_No:01262119:23

155 Center Street, Building C, Auburn, Maine 04210
Phone (207) 784-5354 website www.allaboratory.com

CERTIFICATE OF ANALYSIS FOR DRINKING WATER

DATE PRINTED: 01/26/2021
CLIENT NAME: Alpha Analytical
CLIENT ADDRESS: 8 Walkup Dr.
 Westborough, MA 01581
SAMPLE ID #: 2101-00793-009
SAMPLED BY:
SAMPLE ADDRESS: ME
MORE LOC INFO: QC Data EPA 200.8

Legend	
Passes	✓
Fails EPA Primary	⊗
Fails EPA Secondary	⚠
Fails State Guideline	✗
Attention	⚠

DATE AND TIME COLLECTED:
DATE AND TIME RECEIVED: 01/09/2021 07:00AM
ANALYSIS PACKAGE: QC 200.8
RECEIPT TEMPERATURE: ON ICE 3° CELSIUS
CLIENT JOB #: L2101121

Test Description	Result	Test Units	Pass /Fail	DQ Flag	RL	Limit	Method	Analyst	Date - Time Analyzed
Thallium Continuing Cal. Verification	101	%	✓		0	90-110 %	EPA 200.8	JLR-NH	01/13/2021 04:18PM
Thallium Initial Cal. Blank	<0.001	mg/L	✓		0.001	0.001 mg/L	EPA 200.8	JLR-NH	01/13/2021 04:11PM
Thallium Initial Cal. Verification	97	%	✓		0	90-110 %	EPA 200.8	JLR-NH	01/13/2021 04:07PM
Uranium Continuing Cal. Blank	<1	ug/L	✓		1	1 mg/L	EPA 200.8	DR-NH	01/12/2021 12:11PM
Uranium Continuing Cal. Verification	101	%	✓		0	90-110 %	EPA 200.8	DR-NH	01/12/2021 12:09PM
Uranium Initial Cal. Blank	<1	ug/L	✓		1	1 ug/L	EPA 200.8	DR-NH	01/12/2021 10:53AM
Uranium Initial Cal. Verification	102	%	✓		0	90-110 %	EPA 200.8	DR-NH	01/12/2021 10:51AM
Zinc Continuing Cal. Blank	<0.001	mg/L	✓		0.001	0.001 mg/L	EPA 200.8	DR-NH	01/12/2021 12:11PM
Zinc Continuing Cal. Verification	101	%	✓		0	90-110 %	EPA 200.8	DR-NH	01/12/2021 12:09PM
Zinc Initial Cal. Blank	<0.001	mg/L	✓		0.001	0.001 mg/L	EPA 200.8	DR-NH	01/12/2021 10:53AM
Zinc Initial Cal. Verification	99	%	✓		0	90-110 %	EPA 200.8	DR-NH	01/12/2021 10:51AM

Rebecca L. Labranche
Laboratory Director



A & L LABORATORY

A DIVISION OF GRANITE STATE ANALYTICAL SERVICES, LLC.

Serial_No:01262119:23

155 Center Street, Building C, Auburn, Maine 04210
Phone (207) 784-5354 website www.allaboratory.com

CERTIFICATE OF ANALYSIS FOR DRINKING WATER

DATE PRINTED: 01/26/2021
CLIENT NAME: Alpha Analytical
CLIENT ADDRESS: 8 Walkup Dr.
Westborough, MA 01581

SAMPLE ID #: 2101-00793-010
SAMPLED BY:

SAMPLE ADDRESS: ME

MORE LOC INFO: QC Dara EPA 200.8 Digestion

Legend	
Passes	✓
Fails EPA Primary	⊗
Fails EPA Secondary	⚠
Fails State Guideline	✗
Attention	⚠

DATE AND TIME COLLECTED:
DATE AND TIME RECEIVED: 01/09/2021 07:00AM
ANALYSIS PACKAGE: QC 200.8 DIG LR
RECEIPT TEMPERATURE: ON ICE 3° CELSIUS
CLIENT JOB #: L2101121

Test Description	Result	Test Units	Pass /Fail	DQ Flag	RL	Limit	Method	Analyst	Date - Time Analyzed
Antimony Digested Laboratory Fortified Blank	99	%	✓		0	85-115 %	EPA 200.8	JLR-NH	01/13/2021 04:40PM
Antimony Digested Laboratory Reagent Blank	<0.001	mg/L	✓		0.001	0.001 mg/L	EPA 200.8	JLR-NH	01/13/2021 04:32PM
Antimony Duplicate	3.1	RPD	✓		0	20%	EPA 200.8	JLR-NH	01/13/2021 04:51PM
Antimony Laboratory Fortified Matrix	98	%	✓		0	70-130%	EPA 200.8	JLR-NH	01/13/2021 04:47PM
Selenium Digested Laboratory Fortified Blank	102	%	✓		0	85-115 %	EPA 200.8	DR-NH	01/19/2021 11:25AM
Selenium Digested Laboratory Reagent Blank	<0.001	mg/L	✓		0.001	0.001 mg/L	EPA 200.8	DR-NH	01/19/2021 11:20AM
Selenium Duplicate	3.6	RPD	✓		0	20%	EPA 200.8	DR-NH	01/19/2021 11:31AM
Selenium Laboratory Fortified Matrix	99	%	✓		0	70-130%	EPA 200.8	DR-NH	01/19/2021 11:29AM
Silver Digested Laboratory Fortified Blank	101	%	✓		0	85-115 %	EPA 200.8	JLR-NH	01/13/2021 04:40PM
Silver Digested Laboratory Reagent Blank	<0.001	mg/L	✓		0.001	0.001 mg/L	EPA 200.8	JLR-NH	01/13/2021 04:32PM
Silver Duplicate	0.6	RPD	✓		0	20%	EPA 200.8	JLR-NH	01/13/2021 04:51PM
Silver Laboratory Fortified Matrix	96	%	✓		0	70-130%	EPA 200.8	JLR-NH	01/13/2021 04:47PM
Thallium Digested Laboratory Fortified Blank	99	%	✓		0	85-115 %	EPA 200.8	JLR-NH	01/13/2021 04:40PM
Thallium Digested Laboratory Reagent Blank	<0.001	mg/L	✓		0.001	0.001 mg/L	EPA 200.8	JLR-NH	01/13/2021 04:32PM
Thallium Duplicate	0.4	RPD	✓		0	20%	EPA 200.8	JLR-NH	01/13/2021 04:51PM

Rebecca L. Labranche
Laboratory Director



A & L LABORATORY

A DIVISION OF GRANITE STATE ANALYTICAL SERVICES, LLC.

155 Center Street, Building C, Auburn, Maine 04210
 Phone (207) 784-5354 website www.allaboratory.com

CERTIFICATE OF ANALYSIS FOR DRINKING WATER

DATE PRINTED: 01/26/2021
CLIENT NAME: Alpha Analytical
CLIENT ADDRESS: 8 Walkup Dr.
 Westborough, MA 01581

SAMPLE ID #: 2101-00793-010
SAMPLED BY:

SAMPLE ADDRESS: ME

MORE LOC INFO: QC Dara EPA 200.8 Digestion

Legend	
Passes	✓
Fails EPA Primary	⊗
Fails EPA Secondary	▼
Fails State Guideline	✕
Attention	⚠

DATE AND TIME COLLECTED:

DATE AND TIME RECEIVED: 01/09/2021 07:00AM

ANALYSIS PACKAGE: QC 200.8 DIG LR

RECEIPT TEMPERATURE: ON ICE 3° CELSIUS

CLIENT JOB #: L2101121

Test Description	Result	Test Units	Pass /Fail	DQ Flag	RL	Limit	Method	Analyst	Date - Time Analyzed
Thallium Laboratory Fortified Matrix	96	%	✓		0	70-130%	EPA 200.8	JLR-NH	01/13/2021 04:47PM

Rebecca L. Labranche
 Laboratory Director



A & L LABORATORY

A DIVISION OF GRANITE STATE ANALYTICAL SERVICES, LLC.

Serial_No:01262119:23

155 Center Street, Building C, Auburn, Maine 04210
Phone (207) 784-5354 website www.allaboratory.com

CERTIFICATE OF ANALYSIS FOR DRINKING WATER

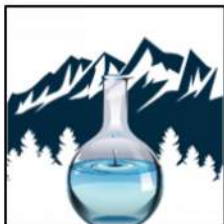
DATE PRINTED: 01/26/2021
CLIENT NAME: Alpha Analytical
CLIENT ADDRESS: 8 Walkup Dr.
 Westborough, MA 01581
SAMPLE ID #: 2101-00793-011
SAMPLED BY:
SAMPLE ADDRESS: ME
MORE LOC INFO: QC Data SOC LRB

Legend	
Passes	✔
Fails EPA Primary	⊗
Fails EPA Secondary	▼
Fails State Guideline	✕
Attention	⚠

DATE AND TIME COLLECTED:
DATE AND TIME RECEIVED: 01/09/2021 07:00AM
ANALYSIS PACKAGE: SOC LRB
RECEIPT TEMPERATURE: ON ICE 3° CELSIUS
CLIENT JOB #: L2101121

Test Description	Result	Test Units	Pass /Fail	DQ Flag	RL	Limit	Method	Analyst	Date - Time Analyzed
1,2-Dibromo-3-chloropropane (DBCP)	<0.02	ug/L	✔		0.02	<0.02	EPA 504.1	KV-NH	01/12/2021 03:28AM
Date Extracted	-					No Limit	EPA 504.1	TA-NH	01/12/2021 09:00AM
Ethylene Dibromide (EDB)	<0.02	ug/L	✔		0.02	<0.02	EPA 504.1	KV-NH	01/12/2021 03:28AM
Aroclor 1016 Screen	<0.2	ug/L	✔		0.2	<0.2	EPA 505	KV-NH	01/12/2021 06:55PM
Aroclor 1221 Screen	<0.2	ug/L	✔		0.2	<0.2	EPA 505	KV-NH	01/12/2021 06:55PM
Aroclor 1232 Screen	<0.2	ug/L	✔		0.2	<0.2	EPA 505	KV-NH	01/12/2021 06:55PM
Aroclor 1242 Screen	<0.2	ug/L	✔		0.2	<0.2	EPA 505	KV-NH	01/12/2021 06:55PM
Aroclor 1248 Screen	<0.2	ug/L	✔		0.2	<0.2	EPA 505	KV-NH	01/12/2021 06:55PM
Aroclor 1254 Screen	<0.2	ug/L	✔		0.2	<0.2	EPA 505	KV-NH	01/12/2021 06:55PM
Aroclor 1260 Screen	<0.2	ug/L	✔		0.2	<0.2	EPA 505	KV-NH	01/12/2021 06:55PM
Chlordane	<0.4	ug/L	✔		0.4	<0.4	EPA 505	KV-NH	01/12/2021 06:55PM
Date Extracted	-					No Limit	EPA 505	TA-NH	01/12/2021 09:00AM
Total PCBs (calc.)	<0.2	ug/L	✔		0.2	<0.2	EPA 505	KV-NH	01/12/2021 06:55PM
Toxaphene	<2.0	ug/L	✔		2.0	<2.0	EPA 505	KV-NH	01/12/2021 06:55PM
2,4,5-TP (Silvex)	<0.25	ug/L	✔		0.25	<0.25	EPA 515.3	KV-NH	01/12/2021 06:55PM
2,4-D	<1	ug/L	✔		1	<1.0	EPA 515.3	KV-NH	01/12/2021 06:55PM
Dalapon	<1	ug/L	✔		1	<1	EPA 515.3	KV-NH	01/12/2021 06:55PM
Date Extracted	-					No Limit	EPA 515.3	TA-NH	01/14/2021 09:20AM
Dicamba	<0.5	ug/L	✔		0.5	<0.5	EPA 515.3	KV-NH	01/12/2021 06:55PM
Dinoseb	<1	ug/L	✔		1	<1	EPA 515.3	KV-NH	01/12/2021 06:55PM
Pentachlorophenol	<0.1	ug/L	✔		0.1	<0.1	EPA 515.3	KV-NH	01/12/2021 06:55PM
Picloram	<2	ug/L	✔		2	<2	EPA 515.3	KV-NH	01/12/2021 06:55PM
2,4-Dichlorophenylacetic acid	112	%	✔			70-130%	EPA 515.3 - SS	KV-NH	01/12/2021 06:55PM

Rebecca L. Labranche
Laboratory Director



A & L LABORATORY

A DIVISION OF GRANITE STATE ANALYTICAL SERVICES, LLC.

Serial_No:01262119:23

155 Center Street, Building C, Auburn, Maine 04210
Phone (207) 784-5354 website www.allaboratory.com

CERTIFICATE OF ANALYSIS FOR DRINKING WATER

DATE PRINTED: 01/26/2021
CLIENT NAME: Alpha Analytical
CLIENT ADDRESS: 8 Walkup Dr.
 Westborough, MA 01581
SAMPLE ID #: 2101-00793-011
SAMPLED BY:
SAMPLE ADDRESS: ME
MORE LOC INFO: QC Data SOC LRB

Legend	
Passes	✓
Fails EPA Primary	⊗
Fails EPA Secondary	⚠
Fails State Guideline	✗
Attention	⚠

DATE AND TIME COLLECTED:
DATE AND TIME RECEIVED: 01/09/2021 07:00AM
ANALYSIS PACKAGE: SOC LRB
RECEIPT TEMPERATURE: ON ICE 3° CELSIUS
CLIENT JOB #: L2101121

Test Description	Result	Test Units	Pass /Fail	DQ Flag	RL	Limit	Method	Analyst	Date - Time Analyzed
Alachlor	<0.1	ug/L	✓		0.1	<0.1	EPA 525.2	DD-NH	01/11/2021 05:34PM
Aldrin	<0.1	ug/L	✓		0.1	<0.1	EPA 525.2	DD-NH	01/11/2021 05:34PM
Atrazine	<0.1	ug/L	✓		0.1	<0.1	EPA 525.2	DD-NH	01/11/2021 05:34PM
Benzo(a)pyrene	<0.1	ug/L	✓		0.1	<0.1	EPA 525.2	DD-NH	01/11/2021 05:34PM
Butachlor	<0.1	ug/L	✓		0.1	<0.1	EPA 525.2	DD-NH	01/11/2021 05:34PM
Date Extracted	-					No Limit	EPA 525.2	TA-NH	01/11/2021 10:30AM
Di(2-ethylhexyl)adipate	<1.0	ug/L	✓		1.0	<1.0	EPA 525.2	DD-NH	01/11/2021 05:34PM
Di(2-ethylhexyl)phthalate	<1.0	ug/L	✓		1.0	<1.0	EPA 525.2	DD-NH	01/11/2021 05:34PM
Dieldrin	<0.1	ug/L	✓		0.1	<0.1	EPA 525.2	DD-NH	01/11/2021 05:34PM
Endrin	<0.1	ug/L	✓		0.1	<0.1	EPA 525.2	DD-NH	01/11/2021 05:34PM
Heptachlor	<0.1	ug/L	✓		0.1	<0.1	EPA 525.2	DD-NH	01/11/2021 05:34PM
Heptachlor Epoxide	<0.1	ug/L	✓		0.1	<0.1	EPA 525.2	DD-NH	01/11/2021 05:34PM
Hexachlorobenzene	<0.1	ug/L	✓		0.1	<0.1	EPA 525.2	DD-NH	01/11/2021 05:34PM
Hexachlorocyclopentadiene	<0.1	ug/L	✓		0.1	<0.1	EPA 525.2	DD-NH	01/11/2021 05:34PM
Lindane	<0.1	ug/L	✓		0.1	<0.1	EPA 525.2	DD-NH	01/11/2021 05:34PM
Methoxychlor	<0.1	ug/L	✓		0.1	<0.1	EPA 525.2	DD-NH	01/11/2021 05:34PM
Metolachlor	<0.1	ug/L	✓		0.1	<0.1	EPA 525.2	DD-NH	01/11/2021 05:34PM
Metribuzin	<0.1	ug/L	✓		0.1	<0.1	EPA 525.2	DD-NH	01/11/2021 05:34PM
Propachlor	<0.1	ug/L	✓		0.1	<0.1	EPA 525.2	DD-NH	01/11/2021 05:34PM
Simazine	<0.1	ug/L	✓		0.1	<0.1	EPA 525.2	DD-NH	01/11/2021 05:34PM
1,3-Dimethyl-2-nitrobenzene	95	%	✓			70-130%	EPA 525.2 - SS	DD-NH	01/11/2021 05:34PM
Perylene-d12	79	%	✓			70-130%	EPA 525.2 - SS	DD-NH	01/11/2021 05:34PM
Pyrene-d10	93	%	✓			70-130%	EPA 525.2 - SS	DD-NH	01/11/2021 05:34PM
Triphenylphosphate	94	%	✓			70-130%	EPA 525.2 - SS	DD-NH	01/11/2021 05:34PM

Rebecca L. Labranche
Laboratory Director



A & L LABORATORY

A DIVISION OF GRANITE STATE ANALYTICAL SERVICES, LLC.

Serial_No:01262119:23

155 Center Street, Building C, Auburn, Maine 04210
Phone (207) 784-5354 website www.allaboratory.com

CERTIFICATE OF ANALYSIS FOR DRINKING WATER

DATE PRINTED: 01/26/2021
CLIENT NAME: Alpha Analytical
CLIENT ADDRESS: 8 Walkup Dr.
 Westborough, MA 01581
SAMPLE ID #: 2101-00793-011
SAMPLED BY:
SAMPLE ADDRESS: ME
MORE LOC INFO: QC Data SOC LRB

Legend	
Passes	✓
Fails EPA Primary	⊗
Fails EPA Secondary	⚠
Fails State Guideline	✗
Attention	⚠

DATE AND TIME COLLECTED:
DATE AND TIME RECEIVED: 01/09/2021 07:00AM
ANALYSIS PACKAGE: SOC LRB
RECEIPT TEMPERATURE: ON ICE 3° CELSIUS
CLIENT JOB #: L2101121

Test Description	Result	Test Units	Pass /Fail	DQ Flag	RL	Limit	Method	Analyst	Date - Time Analyzed
3-Hydroxycarbofuran	<1	ug/L	✓		1	<1	EPA 531.1	KV-NH	01/19/2021 12:37AM
Aldicarb	<1	ug/L	✓		1	<1	EPA 531.1	KV-NH	01/19/2021 12:37AM
Aldicarb Sulfone	<1	ug/L	✓		1	<1	EPA 531.1	KV-NH	01/19/2021 12:37AM
Aldicarb Sulfoxide	<1	ug/L	✓		1	<1	EPA 531.1	KV-NH	01/19/2021 12:37AM
Carbaryl	<1	ug/L	✓		1	<1	EPA 531.1	KV-NH	01/19/2021 12:37AM
Carbofuran	<1	ug/L	✓		1	<1	EPA 531.1	KV-NH	01/19/2021 12:37AM
Date Extracted	-					No Limit	EPA 531.1	KV-NH	01/18/2021 04:20PM
Methiocarb	<1	ug/L	✓		1	<1	EPA 531.1	KV-NH	01/19/2021 12:37AM
Methomyl	<1	ug/L	✓		1	<1	EPA 531.1	KV-NH	01/19/2021 12:37AM
Oxamyl (Vydate)	<1	ug/L	✓		1	<1	EPA 531.1	KV-NH	01/19/2021 12:37AM
Propoxur (Baygon)	<1	ug/L	✓		1	<1	EPA 531.1	KV-NH	01/19/2021 12:37AM

Rebecca L. Labranche
Laboratory Director



A & L LABORATORY

A DIVISION OF GRANITE STATE ANALYTICAL SERVICES, LLC.

155 Center Street, Building C, Auburn, Maine 04210
 Phone (207) 784-5354 website www.allaboratory.com

CERTIFICATE OF ANALYSIS FOR DRINKING WATER

DATE PRINTED: 01/26/2021
CLIENT NAME: Alpha Analytical
CLIENT ADDRESS: 8 Walkup Dr.
 Westborough, MA 01581
SAMPLE ID #: 2101-00793-012
SAMPLED BY:
SAMPLE ADDRESS: ME
MORE LOC INFO: QC

Legend	
Passes	✔
Fails EPA Primary	⊗
Fails EPA Secondary	▼
Fails State Guideline	✕
Attention	⚠

DATE AND TIME COLLECTED:
DATE AND TIME RECEIVED: 01/09/2021 07:00AM
ANALYSIS PACKAGE: QC Radon Water ME-DEP
RECEIPT TEMPERATURE: ON ICE 3° CELSIUS
CLIENT JOB #: L2101121

Test Description	Result	Test Units	Pass /Fail	DQ Flag	RL	Limit	Method	Analyst	Date - Time Analyzed
Radon Background Average	3.20	pCi/L			100	6 pCi/L	SM 7500RN-B_1998	TT-ME	01/09/2021 03:25PM
Radon LCS (1)	97.0	%			0	90-110	SM 7500RN-B_1998	TT-ME	01/09/2021 03:37PM
Radon LCS (2)	97.0	%			0	90-110	SM 7500RN-B_1998	TT-ME	01/09/2021 06:24PM

Rebecca L. Labranche
 Laboratory Director



A & L LABORATORY

A DIVISION OF GRANITE STATE ANALYTICAL SERVICES, LLC.

Serial_No:01262119:23

155 Center Street, Building C, Auburn, Maine 04210
Phone (207) 784-5354 website www.allaboratory.com

CERTIFICATE OF ANALYSIS FOR DRINKING WATER

DATE PRINTED: 01/26/2021
CLIENT NAME: Alpha Analytical
CLIENT ADDRESS: 8 Walkup Dr.
 Westborough, MA 01581
SAMPLE ID #: 2101-00793-013
SAMPLED BY:
SAMPLE ADDRESS: ME
MORE LOC INFO: QC Data SOC ICV

Legend	
Passes	✔
Fails EPA Primary	⊗
Fails EPA Secondary	⚠
Fails State Guideline	✘
Attention	⚠

DATE AND TIME COLLECTED:
DATE AND TIME RECEIVED: 01/09/2021 07:00AM
ANALYSIS PACKAGE: SOC QC
RECEIPT TEMPERATURE: ON ICE 3° CELSIUS
CLIENT JOB #: L2101121

Test Description	Result	Test Units	Pass /Fail	DQ Flag	RL	Limit	Method	Analyst	Date - Time Analyzed
1,2-Dibromo-3-chloropropane (DBCP)	96	%	✔		0	70-130%	EPA 504.1	KV-NH	01/12/2021 03:54PM
Date Extracted	-					No Limit	EPA 504.1	TA-NH	01/12/2021 09:00AM
Ethylene Dibromide (EDB)	100	%	✔		0	70-130%	EPA 504.1	KV-NH	01/12/2021 03:54PM
Chlordane	93	%	✔		0	70-130%	EPA 505	KV-NH	01/12/2021 07:23PM
Date Extracted	-					No Limit	EPA 505	TA-NH	01/12/2021 09:00AM
Toxaphene	106	%	✔		0	70-130%	EPA 505	KV-NH	01/12/2021 07:50PM
2,4,5-TP (Silvex)	91	%	✔		0	70-130%	EPA 515.3	KV-NH	01/14/2021 08:54PM
2,4-D	88	%	✔		0	70-130%	EPA 515.3	KV-NH	01/14/2021 08:54PM
Dalapon	86	%	✔		0	70-130%	EPA 515.3	KV-NH	01/14/2021 08:54PM
Date Extracted	-					No Limit	EPA 515.3	TA-NH	01/14/2021 09:20AM
Dicamba	88	%	✔		0	70-130%	EPA 515.3	KV-NH	01/14/2021 08:54PM
Dinoseb	99	%	✔		0	70-130%	EPA 515.3	KV-NH	01/14/2021 08:54PM
Pentachlorophenol	102	%	✔		0	70-130%	EPA 515.3	KV-NH	01/14/2021 08:54PM
Picloram	85	%	✔		0	70-130%	EPA 515.3	KV-NH	01/14/2021 08:54PM
2,4-Dichlorophenylacetic acid	97	%	✔			70-130%	EPA 515.3 - SS	KV-NH	01/14/2021 08:54PM
Alachlor	103	%	✔		0	70-130%	EPA 525.2	DD-NH	12/01/2020 07:07PM
Aldrin	99	%	✔		0	70-130%	EPA 525.2	DD-NH	12/01/2020 07:07PM
Atrazine	101	%	✔		0	70-130%	EPA 525.2	DD-NH	12/01/2020 07:07PM
Benzo(a)pyrene	95	%	✔		0	70-130%	EPA 525.2	DD-NH	12/01/2020 07:07PM
Butachlor	109	%	✔		0	70-130%	EPA 525.2	DD-NH	12/01/2020 07:07PM
Di(2-ethylhexyl)adipate	105	%	✔		0	70-130%	EPA 525.2	DD-NH	12/01/2020 07:07PM
Di(2-ethylhexyl)phthalate	102	%	✔		0	70-130%	EPA 525.2	DD-NH	12/01/2020 07:07PM
Dieldrin	99	%	✔		0	70-130%	EPA 525.2	DD-NH	12/01/2020 07:07PM

Rebecca L. Labranche
Laboratory Director



A & L LABORATORY

A DIVISION OF GRANITE STATE ANALYTICAL SERVICES, LLC.

Serial_No:01262119:23

155 Center Street, Building C, Auburn, Maine 04210
Phone (207) 784-5354 website www.allaboratory.com

CERTIFICATE OF ANALYSIS FOR DRINKING WATER

DATE PRINTED: 01/26/2021
CLIENT NAME: Alpha Analytical
CLIENT ADDRESS: 8 Walkup Dr.
 Westborough, MA 01581
SAMPLE ID #: 2101-00793-013
SAMPLED BY:
SAMPLE ADDRESS: ME
MORE LOC INFO: QC Data SOC ICV

Legend	
Passes	✔
Fails EPA Primary	⊗
Fails EPA Secondary	⚠
Fails State Guideline	✘
Attention	⚠

DATE AND TIME COLLECTED:
DATE AND TIME RECEIVED: 01/09/2021 07:00AM
ANALYSIS PACKAGE: SOC QC
RECEIPT TEMPERATURE: ON ICE 3° CELSIUS
CLIENT JOB #: L2101121

Test Description	Result	Test Units	Pass /Fail	DQ Flag	RL	Limit	Method	Analyst	Date - Time Analyzed
Endrin	102	%	✔		0	70-130%	EPA 525.2	DD-NH	12/01/2020 07:07PM
Heptachlor	93	%	✔		0	70-130%	EPA 525.2	DD-NH	12/01/2020 07:07PM
Heptachlor Epoxide	104	%	✔		0	70-130%	EPA 525.2	DD-NH	12/01/2020 07:07PM
Hexachlorobenzene	113	%	✔		0	70-130%	EPA 525.2	DD-NH	12/01/2020 07:07PM
Hexachlorocyclopentadiene	82	%	✔		0	70-130%	EPA 525.2	DD-NH	12/01/2020 07:07PM
Lindane	106	%	✔		0	70-130%	EPA 525.2	DD-NH	12/01/2020 07:07PM
Methoxychlor	101	%	✔		0	70-130%	EPA 525.2	DD-NH	12/01/2020 07:07PM
Metolachlor	103	%	✔		0	70-130%	EPA 525.2	DD-NH	12/01/2020 07:07PM
Metribuzin	102	%	✔		0	70-130%	EPA 525.2	DD-NH	12/01/2020 07:07PM
Propachlor	102	%	✔		0	70-130%	EPA 525.2	DD-NH	12/01/2020 07:07PM
Simazine	101	%	✔		0	70-130%	EPA 525.2	DD-NH	12/01/2020 07:07PM
1,3-Dimethyl-2-nitrobenzene	102	%	✔			70-130%	EPA 525.2 - SS	DD-NH	12/01/2020 07:07PM
Perylene-d12	105	%	✔			70-130%	EPA 525.2 - SS	DD-NH	12/01/2020 07:07PM
Pyrene-d10	99	%	✔			70-130%	EPA 525.2 - SS	DD-NH	12/01/2020 07:07PM
Triphenylphosphate	111	%	✔			70-130%	EPA 525.2 - SS	DD-NH	12/01/2020 07:07PM
3-Hydroxycarbofuran	104	%	✔		0	80-120%	EPA 531.1	KV-NH	01/19/2021 01:21AM
Aldicarb	102	%	✔		0	80-120%	EPA 531.1	KV-NH	01/19/2021 01:21AM
Aldicarb Sulfone	94	%	✔		0	80-120%	EPA 531.1	KV-NH	01/19/2021 01:21AM
Aldicarb Sulfoxide	102	%	✔		0	80-120%	EPA 531.1	KV-NH	01/19/2021 01:21AM
Carbaryl	101	%	✔		0	80-120%	EPA 531.1	KV-NH	01/19/2021 01:21AM
Carbofuran	97	%	✔		0	80-120%	EPA 531.1	KV-NH	01/19/2021 01:21AM
Date Extracted	-					No Limit	EPA 531.1	KV-NH	01/18/2021 04:20PM
Methiocarb	103	%	✔		0	80-120%	EPA 531.1	KV-NH	01/19/2021 01:21AM
Methomyl	102	%	✔		0	80-120%	EPA 531.1	KV-NH	01/19/2021 01:21AM

Rebecca L. Labranche
Laboratory Director



A & L LABORATORY

A DIVISION OF GRANITE STATE ANALYTICAL SERVICES, LLC.

Serial_No:01262119:23

155 Center Street, Building C, Auburn, Maine 04210
 Phone (207) 784-5354 website www.allaboratory.com

CERTIFICATE OF ANALYSIS FOR DRINKING WATER

DATE PRINTED: 01/26/2021
CLIENT NAME: Alpha Analytical
CLIENT ADDRESS: 8 Walkup Dr.
 Westborough, MA 01581
SAMPLE ID #: 2101-00793-013
SAMPLED BY:
SAMPLE ADDRESS: ME
MORE LOC INFO: QC Data SOC ICV

Legend	
Passes	✓
Fails EPA Primary	⊗
Fails EPA Secondary	▼
Fails State Guideline	✕
Attention	⚠

DATE AND TIME COLLECTED:
DATE AND TIME RECEIVED: 01/09/2021 07:00AM
ANALYSIS PACKAGE: SOC QC
RECEIPT TEMPERATURE: ON ICE 3° CELSIUS
CLIENT JOB #: L2101121

Test Description	Result	Test Units	Pass /Fail	DQ Flag	RL	Limit	Method	Analyst	Date - Time Analyzed
Oxamyl (Vydate)	96	%	✓		0	80-120%	EPA 531.1	KV-NH	01/19/2021 01:21AM
Propoxur (Baygon)	100	%	✓		0	80-120%	EPA 531.1	KV-NH	01/19/2021 01:21AM

Rebecca L. Labranche
 Laboratory Director



A & L LABORATORY

A DIVISION OF GRANITE STATE ANALYTICAL SERVICES, LLC.

Serial_No:01262119:23

155 Center Street, Building C, Auburn, Maine 04210
Phone (207) 784-5354 website www.allaboratory.com

CERTIFICATE OF ANALYSIS FOR DRINKING WATER

DATE PRINTED: 01/26/2021
CLIENT NAME: Alpha Analytical
CLIENT ADDRESS: 8 Walkup Dr.
 Westborough, MA 01581
SAMPLE ID #: 2101-00793-014
SAMPLED BY:
SAMPLE ADDRESS: ME
MORE LOC INFO: QC Data SOC CCC

Legend	
Passes	✔
Fails EPA Primary	⊗
Fails EPA Secondary	⚠
Fails State Guideline	✘
Attention	⚠

DATE AND TIME COLLECTED:
DATE AND TIME RECEIVED: 01/09/2021 07:00AM
ANALYSIS PACKAGE: SOC QC
RECEIPT TEMPERATURE: ON ICE 3° CELSIUS
CLIENT JOB #: L2101121

Test Description	Result	Test Units	Pass /Fail	DQ Flag	RL	Limit	Method	Analyst	Date - Time Analyzed
1,2-Dibromo-3-chloropropane (DBCP)	103	%	✔		0	70-130%	EPA 504.1	KV-NH	01/12/2021 04:20PM
Date Extracted	-					No Limit	EPA 504.1	TA-NH	01/12/2021 09:00AM
Ethylene Dibromide (EDB)	103	%	✔		0	70-130%	EPA 504.1	KV-NH	01/12/2021 04:20PM
Chlordane	93	%	✔		0	70-130%	EPA 505	KV-NH	01/12/2021 07:23PM
Date Extracted	-					No Limit	EPA 505	TA-NH	01/12/2021 09:00AM
Toxaphene	106	%	✔		0	70-130%	EPA 505	KV-NH	01/12/2021 07:50PM
2,4,5-TP (Silvex)	91	%	✔		0	70-130%	EPA 515.3	KV-NH	01/14/2021 08:54PM
2,4-D	88	%	✔		0	70-130%	EPA 515.3	KV-NH	01/14/2021 08:54PM
Dalapon	86	%	✔		0	70-130%	EPA 515.3	KV-NH	01/14/2021 08:54PM
Date Extracted	-					No Limit	EPA 515.3	TA-NH	01/14/2021 09:20AM
Dicamba	88	%	✔		0	70-130%	EPA 515.3	KV-NH	01/14/2021 08:54PM
Dinoseb	99	%	✔		0	70-130%	EPA 515.3	KV-NH	01/14/2021 08:54PM
Pentachlorophenol	102	%	✔		0	70-130%	EPA 515.3	KV-NH	01/14/2021 08:54PM
Picloram	85	%	✔		0	70-130%	EPA 515.3	KV-NH	01/14/2021 08:54PM
2,4-Dichlorophenylacetic acid	97	%	✔			70-130%	EPA 515.3 - SS	KV-NH	01/14/2021 08:54PM
Alachlor	104	%	✔		0	70-130%	EPA 525.2	DD-NH	01/12/2021 09:50AM
Aldrin	106	%	✔		0	70-130%	EPA 525.2	DD-NH	01/12/2021 09:50AM
Atrazine	99	%	✔		0	70-130%	EPA 525.2	DD-NH	01/12/2021 09:50AM
Benzo(a)pyrene	100	%	✔		0	70-130%	EPA 525.2	DD-NH	01/12/2021 09:50AM
Butachlor	101	%	✔		0	70-130%	EPA 525.2	DD-NH	01/12/2021 09:50AM
Di(2-ethylhexyl)adipate	101	%	✔		0	70-130%	EPA 525.2	DD-NH	01/12/2021 09:50AM
Di(2-ethylhexyl)phthalate	104	%	✔		0	70-130%	EPA 525.2	DD-NH	01/12/2021 09:50AM
Dieldrin	104	%	✔		0	70-130%	EPA 525.2	DD-NH	01/12/2021 09:50AM

Rebecca L. Labranche
Laboratory Director



A & L LABORATORY

A DIVISION OF GRANITE STATE ANALYTICAL SERVICES, LLC.

Serial_No:01262119:23

155 Center Street, Building C, Auburn, Maine 04210
Phone (207) 784-5354 website www.allaboratory.com

CERTIFICATE OF ANALYSIS FOR DRINKING WATER

DATE PRINTED: 01/26/2021
CLIENT NAME: Alpha Analytical
CLIENT ADDRESS: 8 Walkup Dr.
 Westborough, MA 01581
SAMPLE ID #: 2101-00793-014
SAMPLED BY:
SAMPLE ADDRESS: ME
MORE LOC INFO: QC Data SOC CCC

Legend	
Passes	✔
Fails EPA Primary	⊗
Fails EPA Secondary	⚠
Fails State Guideline	✘
Attention	⚠

DATE AND TIME COLLECTED:
DATE AND TIME RECEIVED: 01/09/2021 07:00AM
ANALYSIS PACKAGE: SOC QC
RECEIPT TEMPERATURE: ON ICE 3° CELSIUS
CLIENT JOB #: L2101121

Test Description	Result	Test Units	Pass /Fail	DQ Flag	RL	Limit	Method	Analyst	Date - Time Analyzed
Endrin	104	%	✔		0	70-130%	EPA 525.2	DD-NH	01/12/2021 09:50AM
Heptachlor	103	%	✔		0	70-130%	EPA 525.2	DD-NH	01/12/2021 09:50AM
Heptachlor Epoxide	108	%	✔		0	70-130%	EPA 525.2	DD-NH	01/12/2021 09:50AM
Hexachlorobenzene	106	%	✔		0	70-130%	EPA 525.2	DD-NH	01/12/2021 09:50AM
Hexachlorocyclopentadiene	98	%	✔		0	70-130%	EPA 525.2	DD-NH	01/12/2021 09:50AM
Lindane	104	%	✔		0	70-130%	EPA 525.2	DD-NH	01/12/2021 09:50AM
Methoxychlor	100	%	✔		0	70-130%	EPA 525.2	DD-NH	01/12/2021 09:50AM
Metolachlor	103	%	✔		0	70-130%	EPA 525.2	DD-NH	01/12/2021 09:50AM
Metribuzin	98	%	✔		0	70-130%	EPA 525.2	DD-NH	01/12/2021 09:50AM
Propachlor	96	%	✔		0	70-130%	EPA 525.2	DD-NH	01/12/2021 09:50AM
Simazine	86	%	✔		0	70-130%	EPA 525.2	DD-NH	01/12/2021 09:50AM
1,3-Dimethyl-2-nitrobenzene	103	%	✔			70-130%	EPA 525.2 - SS	DD-NH	01/12/2021 09:50AM
Perylene-d12	105	%	✔			70-130%	EPA 525.2 - SS	DD-NH	01/12/2021 09:50AM
Pyrene-d10	103	%	✔			70-130%	EPA 525.2 - SS	DD-NH	01/12/2021 09:50AM
Triphenylphosphate	114	%	✔			70-130%	EPA 525.2 - SS	DD-NH	01/12/2021 09:50AM
3-Hydroxycarbofuran	104	%	✔		0	80-120%	EPA 531.1	KV-NH	01/19/2021 01:21AM
Aldicarb	102	%	✔		0	80-120%	EPA 531.1	KV-NH	01/19/2021 01:21AM
Aldicarb Sulfone	94	%	✔		0	80-120%	EPA 531.1	KV-NH	01/19/2021 01:21AM
Aldicarb Sulfoxide	102	%	✔		0	80-120%	EPA 531.1	KV-NH	01/19/2021 01:21AM
Carbaryl	101	%	✔		0	80-120%	EPA 531.1	KV-NH	01/19/2021 01:21AM
Carbofuran	97	%	✔		0	80-120%	EPA 531.1	KV-NH	01/19/2021 01:21AM
Date Extracted	-					No Limit	EPA 531.1	KV-NH	01/18/2021 04:20PM
Methiocarb	103	%	✔		0	80-120%	EPA 531.1	KV-NH	01/19/2021 01:21AM
Methomyl	102	%	✔		0	80-120%	EPA 531.1	KV-NH	01/19/2021 01:21AM

Rebecca L. Labranche
Laboratory Director



A & L LABORATORY

A DIVISION OF GRANITE STATE ANALYTICAL SERVICES, LLC.

Serial_No:01262119:23

155 Center Street, Building C, Auburn, Maine 04210
 Phone (207) 784-5354 website www.allaboratory.com

CERTIFICATE OF ANALYSIS FOR DRINKING WATER

DATE PRINTED: 01/26/2021
CLIENT NAME: Alpha Analytical
CLIENT ADDRESS: 8 Walkup Dr.
 Westborough, MA 01581
SAMPLE ID #: 2101-00793-014
SAMPLED BY:
SAMPLE ADDRESS: ME
MORE LOC INFO: QC Data SOC CCC

Legend	
Passes	✓
Fails EPA Primary	⊗
Fails EPA Secondary	▼
Fails State Guideline	✕
Attention	⚠

DATE AND TIME COLLECTED:
DATE AND TIME RECEIVED: 01/09/2021 07:00AM
ANALYSIS PACKAGE: SOC QC
RECEIPT TEMPERATURE: ON ICE 3° CELSIUS
CLIENT JOB #: L2101121

Test Description	Result	Test Units	Pass /Fail	DQ Flag	RL	Limit	Method	Analyst	Date - Time Analyzed
Oxamyl (Vydate)	96	%	✓		0	80-120%	EPA 531.1	KV-NH	01/19/2021 01:21AM
Propoxur (Baygon)	100	%	✓		0	80-120%	EPA 531.1	KV-NH	01/19/2021 01:21AM

Rebecca L. Labranche
 Laboratory Director



A & L LABORATORY

A DIVISION OF GRANITE STATE ANALYTICAL SERVICES, LLC.

Serial_No:01262119:23

155 Center Street, Building C, Auburn, Maine 04210
Phone (207) 784-5354 website www.allaboratory.com

CERTIFICATE OF ANALYSIS FOR DRINKING WATER

DATE PRINTED: 01/26/2021
CLIENT NAME: Alpha Analytical
CLIENT ADDRESS: 8 Walkup Dr.
Westborough, MA 01581

SAMPLE ID #: 2101-00793-015
SAMPLED BY:

SAMPLE ADDRESS: ME

MORE LOC INFO: QC Data SOC EPA 525 LFB

Legend	
Passes	✓
Fails EPA Primary	⊗
Fails EPA Secondary	⚠
Fails State Guideline	✗
Attention	⚠

DATE AND TIME COLLECTED:
DATE AND TIME RECEIVED: 01/09/2021 07:00AM
ANALYSIS PACKAGE: SOC QC 525
RECEIPT TEMPERATURE: ON ICE 3° CELSIUS
CLIENT JOB #: L2101121

Test Description	Result	Test Units	Pass /Fail	DQ Flag	RL	Limit	Method	Analyst	Date - Time Analyzed
Alachlor	102	%	✓		0	70-130%	EPA 525.2	DD-NH	01/11/2021 06:14PM
Aldrin	101	%	✓		0	70-130%	EPA 525.2	DD-NH	01/11/2021 06:14PM
Atrazine	96	%	✓		0	70-130%	EPA 525.2	DD-NH	01/11/2021 06:14PM
Benzo(a)pyrene	78	%	✓		0	70-130%	EPA 525.2	DD-NH	01/11/2021 06:14PM
Butachlor	105	%	✓		0	70-130%	EPA 525.2	DD-NH	01/11/2021 06:14PM
Date Extracted	-					No Limit	EPA 525.2	TA-NH	01/11/2021 10:30AM
Di(2-ethylhexyl)adipate	99	%	✓		0	70-130%	EPA 525.2	DD-NH	01/11/2021 06:14PM
Di(2-ethylhexyl)phthalate	102	%	✓		0	70-130%	EPA 525.2	DD-NH	01/11/2021 06:14PM
Dieldrin	118	%	✓		0	70-130%	EPA 525.2	DD-NH	01/11/2021 06:14PM
Endrin	123	%	✓		0	70-130%	EPA 525.2	DD-NH	01/11/2021 06:14PM
Heptachlor	98	%	✓		0	70-130%	EPA 525.2	DD-NH	01/11/2021 06:14PM
Heptachlor Epoxide	117	%	✓		0	70-130%	EPA 525.2	DD-NH	01/11/2021 06:14PM
Hexachlorobenzene	79	%	✓		0	70-130%	EPA 525.2	DD-NH	01/11/2021 06:14PM
Hexachlorocyclopentadiene	82	%	✓		0	70-130%	EPA 525.2	DD-NH	01/11/2021 06:14PM
Lindane	115	%	✓		0	70-130%	EPA 525.2	DD-NH	01/11/2021 06:14PM
Methoxychlor	100	%	✓		0	70-130%	EPA 525.2	DD-NH	01/11/2021 06:14PM
Metolachlor	101	%	✓		0	70-130%	EPA 525.2	DD-NH	01/11/2021 06:14PM
Metribuzin	96	%	✓		0	70-130%	EPA 525.2	DD-NH	01/11/2021 06:14PM
Propachlor	100	%	✓		0	70-130%	EPA 525.2	DD-NH	01/11/2021 06:14PM
Simazine	89	%	✓		0	70-130%	EPA 525.2	DD-NH	01/11/2021 06:14PM
1,3-Dimethyl-2-nitrobenzene	94	%	✓			70-130%	EPA 525.2 - SS	DD-NH	01/11/2021 06:14PM
Perylene-d12	91	%	✓			70-130%	EPA 525.2 - SS	DD-NH	01/11/2021 06:14PM
Pyrene-d10	93	%	✓			70-130%	EPA 525.2 - SS	DD-NH	01/11/2021 06:14PM
Triphenylphosphate	103	%	✓			70-130%	EPA 525.2 - SS	DD-NH	01/11/2021 06:14PM

Rebecca L. Labranche
Laboratory Director



FL DOH Certification #E84025
ME Lab ID FL00117

Report Date: January 15, 2021

A & L Laboratory
155 Center St., Bldg C
Auburn, ME 04210

Field Custody: Client
Client/Field ID: 2101-793-4
Sample Collection: 01-08-21/1310
Lab ID No: 21.554
Lab Custody Date: 01-13-21/1025
Sample Description: DW

CERTIFICATE OF ANALYSIS

Parameter	Units	Results	Analysis Date	Method	Detection Limit
Gross Alpha	pCi/l	0.5 ± 0.7	1-15-21/0801	EPA 900.0	1.3

Alpha Standard: Th-230

Thomas J. Weeks
Laboratory Manager

Test results meet all requirements of the 2016 TNI standards. Statement of estimated uncertainty available upon request. Test results refer only to sample(s) listed. Contact person: Thomas Weeks (813) 229-2879.

OS

KNL Environmental

3202 N. Florida Ave. Tampa, FL 33603
 Phone: (813) 229-2879 Fax: (813) 229-0002

CHAIN OF CUSTODY RECORD

Email: jhayes@knlenvironmental.com

21.554

Company Name:				A & L Laboratory				Preservative				
Address:				155 Center Street Building C								
City/State/Zip:				Auburn, Maine 04210								
Phone #: 207-784-5354 Attn: Rebecca Labranche				# of containers	Gross Alpha (900)	Combined Radium	Radium 226 (903.1)	Radium 228 (Ra-05)				
Email Results: rlabranche@granitestateanalytical.com												
SAMPLE ID	SAMPLE DESCRIPTION/LOCATION	DATE / TIME	MATRIX*									Comments
	2101-993-4	1/8 1310	DW	1	X							Conductivity = 72 uS/cm
*WW - Wastewater DW - Drinking Water GW - Groundwater SW - Surface Water SL - Sludge Other:												
Special Instructions:												
Relinquished By:						Accepted By:						
Print Name/Company		Signature		Date/Time		Print Name/Company		Signature		Date/Time		
A&L Laboratory				1/14/15		KNL				1-13-21 1025		
Relinquished By:						Accepted By:						
Print Name/Company		Signature		Date/Time		Print Name/Company		Signature		Date/Time		
Relinquished By:						Accepted By:						
Print Name/Company		Signature		Date/Time		Print Name/Company		Signature		Date/Time		

KNL Chain of Custody - Form # 105
 Revised 6/30/16



Serial_No:01262119:23

A & L LABORATORY

A DIVISION OF GRANITE STATE ANALYTICAL SERVICES, LLC.

155 Center Street, Building C, Auburn, Maine 04210
 Phone (207) 784-5354 website www.allaboratory.com

Laboratory Report

Alpha Analytical
8 Walkup Dr.
Westborough, MA 01581

Date Printed: 01/26/2021
Work Order #: 2101-00794
Client Job #: L2101121
Date Received: 01/09/2021
Sample collected in: Maine

Attached please find results for the analysis of the samples received on the date referenced above.

Unless otherwise noted in the attached report, the analyses performed met the requirements of the analyzing laboratory's Quality Assurance Plan, Standard Operating Procedures and State Accreditation. This certificate shall not be reproduced, except in full, without the written approval of the analyzing laboratory. The results presented in this report relate to the samples listed on the following pages in the condition in which they were received. Accreditation for each analyte is identified by the * symbol following the analyte name. Location of our analyzing laboratory is identified by the code in the Analyst Column.

A & L Laboratory:
Identified by ME in Analyst Column
 155 Center Street, Auburn, Maine 04210
www.allaboratory.com

Granite State Analytical Services LLC:
Identified by NH in Analyst Column
 22 Manchester Road, Derry, NH 03038
www.granitestateanalytical.com

ANALYSIS RELATED NOTES:

- RL: "Reporting limit" means the lowest level of an analyte that can be accurately recovered from the matrix of interest.
- A & L Laboratory / Granite State Analytical Services LLC. accreditation lists can be found on our websites listed above.
- Subcontracted samples will be identified by the Accreditation number of the subcontract laboratory in the analyst field for each analyte and the appropriate laboratory will be listed here. **This report contains data that were produced by a subcontracted laboratory accredited for the fields of testing performed.**
KNL Laboratory Services, 3202 North Florida Avenue, Tampa, FL 33603 Accreditation # FL00117
- Data Qualifiers (DQ) Flags provide additional information in regards to the receipt, analysis or quality control of a sample. These are indicated under the DQ Flags Column on your report and listed here if necessary: **Data Qualifier (DQ) Flags: H = Hold time non-compliant.**

SAMPLE STATE SPECIFIC NOTES:

- The thermal preservation requirement of 4°C for nitrate & nitrite has been waived by the Maine CDC for all samples submitted to the Drinking Water Program.
- The State of Maine requires the reporting of radon test results in accordance with the Act (22 MSRA sec. 771 et seq.). The following for all tests completed by A & L will be reported to the state on a monthly basis: address of the structure tested, radon result, and whether or not there is a mitigation system in place. A + symbol indicates State of Maine Radon Registration.
- The Maximum Exposure Guideline(MEG) for water radon in Maine is 4,000pCi/L

Additional Narrative or Comments: **None**

We appreciate the opportunity to provide you with laboratory services. If you have any questions regarding the enclosed report, please contact the laboratory and we will be happy to assist you.



Rebecca L. Labranche
 Laboratory Director

A & L Laboratory: Accreditations: Maine ME00021, New Hampshire 2501, Maine Radon Registration ID # SPC20
 Granite State Analytical Services, LLC: Accreditations: New Hampshire 1015; Maine NH00003;
 Massachusetts M-NH0003; Rhode Island 101513; Vermont VT-101507



A & L LABORATORY

A DIVISION OF GRANITE STATE ANALYTICAL SERVICES, LLC.

Serial_No:01262119:23

155 Center Street, Building C, Auburn, Maine 04210
 Phone (207) 784-5354 website www.allaboratory.com

CERTIFICATE OF ANALYSIS FOR DRINKING WATER

DATE PRINTED: 01/26/2021
CLIENT NAME: Alpha Analytical
CLIENT ADDRESS: 8 Walkup Dr.
 Westborough, MA 01581

SAMPLE ID #: 2101-00794-001
SAMPLED BY: Not given

SAMPLE ADDRESS: Kingfish Pump Test
 Jonesport ME
 Well 5

MORE LOC INFO:

Legend	
Passes	✓
Fails EPA Primary	⊗
Fails EPA Secondary	⚠
Fails State Guideline	✗
Attention	⚠

DATE AND TIME COLLECTED: 01/08/2021 01:45PM
DATE AND TIME RECEIVED: 01/09/2021 07:00AM
ANALYSIS PACKAGE: A & L MPN-ME
RECEIPT TEMPERATURE: ON ICE 3° CELSIUS

CLIENT JOB #: L2101121

Test Description	Result	Test Units	Pass /Fail	DQ Flag	RL	Limit	Method	Analyst	Date - Time Analyzed
Coliform MPN*	<1	MPN/100mL	✓		1	No Limit	SM 9223 B	RL-ME	01/11/2021 06:30AM
E. coli MPN*	<1	MPN/100mL	✓		1	0	SM 9223 B	RL-ME	01/11/2021 06:30AM
Total Coliform / E.coli Bacteria Preparation (Colisure® Quanti-Tray®) 20th ED							SM 9223 B	TT-ME	01/09/2021 10:20AM

Rebecca L. Labranche
 Laboratory Director



A & L LABORATORY

A DIVISION OF GRANITE STATE ANALYTICAL SERVICES, LLC.

Serial_No:01262119:23

155 Center Street, Building C, Auburn, Maine 04210
Phone (207) 784-5354 website www.allaboratory.com

CERTIFICATE OF ANALYSIS FOR DRINKING WATER

DATE PRINTED: 01/26/2021
CLIENT NAME: Alpha Analytical
CLIENT ADDRESS: 8 Walkup Dr.
Westborough, MA 01581

SAMPLE ID #: 2101-00794-002
SAMPLED BY: Not given

SAMPLE ADDRESS: Kingfish Pump Test
Jonesport ME
MORE LOC INFO: Well 5

Legend	
Passes	✔
Fails EPA Primary	⊗
Fails EPA Secondary	⚠
Fails State Guideline	✘
Attention	⚠

DATE AND TIME COLLECTED: 01/08/2021 01:45PM
DATE AND TIME RECEIVED: 01/09/2021 07:00AM
ANALYSIS PACKAGE: A & L-IC-IOC Compliance-ME
RECEIPT TEMPERATURE: ON ICE 3° CELSIUS
CLIENT JOB #: L2101121

Test Description	Result	Test Units	Pass /Fail	DQ Flag	RL	Limit	Method	Analyst	Date - Time Analyzed
Calcium*	9.3	mg/L			1	No Limit	EPA 200.7	JLR-NH	01/12/2021 11:08AM
Iron*	0.024	mg/L	✔		0.01	0.3 mg/L	EPA 200.7	JLR-NH	01/12/2021 11:08AM
Magnesium*	2.4	mg/L			1	No Limit	EPA 200.7	JLR-NH	01/12/2021 11:08AM
Sodium*	16.2	mg/L			1	No Limit	EPA 200.7	JLR-NH	01/12/2021 11:08AM
Antimony*	<0.001	mg/L	✔		0.001	0.006 mg/L	EPA 200.8	JLR-NH	01/13/2021 05:01PM
Arsenic*	0.0288	mg/L	⊗		0.001	0.010 mg/L	EPA 200.8	DR-NH	01/12/2021 12:23PM
Barium*	<0.001	mg/L	✔		0.001	2.00 mg/L	EPA 200.8	DR-NH	01/12/2021 12:23PM
Beryllium*	<0.001	mg/L	✔		0.001	0.004 mg/L	EPA 200.8	DR-NH	01/12/2021 12:23PM
Cadmium*	<0.001	mg/L	✔		0.001	0.005 mg/L	EPA 200.8	DR-NH	01/12/2021 12:23PM
Chromium*	<0.001	mg/L	✔		0.001	0.1 mg/L	EPA 200.8	DR-NH	01/12/2021 12:23PM
Copper*	<0.001	mg/L	✔		0.001	1.3 mg/L	EPA 200.8	DR-NH	01/12/2021 12:23PM
Lead*	<0.001	mg/L	✔		0.001	0.015 mg/L	EPA 200.8	DR-NH	01/12/2021 12:23PM
Manganese*	0.0042	mg/L	✔		0.001	0.05 mg/L	EPA 200.8	DR-NH	01/12/2021 12:23PM
Mercury*	<0.0001	mg/L	✔		0.0001	0.002 mg/L	EPA 200.8	JLR-NH	01/12/2021 11:08AM
Nickel*	<0.001	mg/L			0.001	No limit	EPA 200.8	DR-NH	01/12/2021 12:23PM
Selenium*	0.0021	mg/L	✔		0.001	0.05 mg/L	EPA 200.8	DR-NH	01/19/2021 11:36AM
Silver*	<0.001	mg/L	✔		0.001	0.1 mg/L	EPA 200.8	JLR-NH	01/13/2021 05:01PM
Thallium*	<0.001	mg/L	✔		0.001	0.002 mg/L	EPA 200.8	JLR-NH	01/13/2021 05:01PM
Uranium*	1.8	ug/L	✔		1	30 ug/L	EPA 200.8	DR-NH	01/12/2021 12:23PM
Zinc*	<0.001	mg/L	✔		0.001	5 mg/L	EPA 200.8	DR-NH	01/12/2021 12:23PM
Uranium	1.2	pCi/L	✔		0.67	20 pCi/L	EPA 200.8 Calc.	DR-NH	01/12/2021 12:23PM
Chloride*	9	mg/L	✔		2	250 mg/L	EPA 300.0	TT-ME	01/09/2021 10:53AM
Fluoride*	0.22	mg/L	✔		0.2	4.0 mg/L	EPA 300.0	TT-ME	01/09/2021 10:53AM
Nitrate as N*	<0.2	mg/L	✔		0.2	10 mg/L	EPA 300.0	TT-ME	01/09/2021 10:53AM

Rebecca L. Labranche
Laboratory Director



A & L LABORATORY

A DIVISION OF GRANITE STATE ANALYTICAL SERVICES, LLC.

Serial_No:01262119:23

155 Center Street, Building C, Auburn, Maine 04210
 Phone (207) 784-5354 website www.allaboratory.com

CERTIFICATE OF ANALYSIS FOR DRINKING WATER

DATE PRINTED: 01/26/2021
CLIENT NAME: Alpha Analytical
CLIENT ADDRESS: 8 Walkup Dr.
 Westborough, MA 01581
SAMPLE ID #: 2101-00794-002
SAMPLED BY: Not given
SAMPLE ADDRESS: Kingfish Pump Test
 Jonesport ME
MORE LOC INFO: Well 5

Legend	
Passes	✓
Fails EPA Primary	⊗
Fails EPA Secondary	▼
Fails State Guideline	✕
Attention	⚠

DATE AND TIME COLLECTED: 01/08/2021 01:45PM
DATE AND TIME RECEIVED: 01/09/2021 07:00AM
ANALYSIS PACKAGE: A & L-IC-IOC Compliance-ME
RECEIPT TEMPERATURE: ON ICE 3° CELSIUS
CLIENT JOB #: L2101121

Test Description	Result	Test Units	Pass /Fail	DQ Flag	RL	Limit	Method	Analyst	Date - Time Analyzed
Nitrite as N*	<0.2	mg/L	✓		0.2	1 mg/L	EPA 300.0	TT-ME	01/09/2021 10:53AM
Sulfate*	11	mg/L	✓		2	250 mg/L	EPA 300.0	TT-ME	01/09/2021 10:53AM
Hardness (calc.)*	33.1	mg CaCO3/L			2	No Limit	SM 2340 B	JLR-NH	01/12/2021 11:08AM
pH*	8.48	SU	✓	H	--	6.5 - 8.5 SU	SM 4500-H+B	TT-ME	01/09/2021 09:25AM

Rebecca L. Labranche
 Laboratory Director



A & L LABORATORY

A DIVISION OF GRANITE STATE ANALYTICAL SERVICES, LLC.

155 Center Street, Building C, Auburn, Maine 04210
 Phone (207) 784-5354 website www.allaboratory.com

CERTIFICATE OF ANALYSIS FOR DRINKING WATER

DATE PRINTED: 01/26/2021
CLIENT NAME: Alpha Analytical
CLIENT ADDRESS: 8 Walkup Dr.
 Westborough, MA 01581

SAMPLE ID #: 2101-00794-004
SAMPLED BY: Not given

SAMPLE ADDRESS: Kingfish Pump Test
 Jonesport ME

MORE LOC INFO: Well 5

Legend	
Passes	✓
Fails EPA Primary	⊗
Fails EPA Secondary	▼
Fails State Guideline	✕
Attention	⚠

DATE AND TIME COLLECTED: 01/08/2021 01:45PM

DATE AND TIME RECEIVED: 01/09/2021 07:00AM

ANALYSIS PACKAGE: A & L Gross
 Alpha/Uranium
 Compliance-ME

RECEIPT TEMPERATURE: ON ICE 3° CELSIUS

CLIENT JOB #: L2101121

Test Description	Result	Test Units	Pass /Fail	DQ Flag	RL	Limit	Method	Analyst	Date - Time Analyzed
Uranium*	1.8	ug/L	✓		1	30 ug/L	EPA 200.8	JLR-NH	01/11/2021 05:15PM
Uranium	1.2	pCi/L	✓		0.67	20 pCi/L	EPA 200.8 Calc.	JLR-NH	01/11/2021 05:15PM
Analytical Gross Alpha*	1.4	pCi/L			---	No Limit	EPA 900.0	FL00117	01/15/2021 08:01AM
Compliance Gross Alpha*	<2.5	pCi/L	✓		---	15 pCi/L	N/A Calculation	RL-ME	01/15/2021 08:01AM

Rebecca L. Labranche
 Laboratory Director



A & L LABORATORY

A DIVISION OF GRANITE STATE ANALYTICAL SERVICES, LLC.

155 Center Street, Building C, Auburn, Maine 04210
 Phone (207) 784-5354 website www.allaboratory.com

CERTIFICATE OF ANALYSIS FOR DRINKING WATER

DATE PRINTED: 01/26/2021
CLIENT NAME: Alpha Analytical
CLIENT ADDRESS: 8 Walkup Dr.
 Westborough, MA 01581

SAMPLE ID #: 2101-00794-005
SAMPLED BY: Not given

SAMPLE ADDRESS: Kingfish Pump test
 Jonesport ME
MORE LOC INFO: Not given Well 5

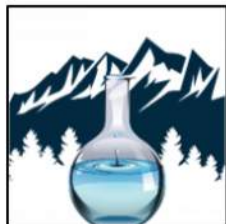
Legend	
Passes	✓
Fails EPA Primary	⊗
Fails EPA Secondary	▼
Fails State Guideline	✕
Attention	⚠

DATE AND TIME COLLECTED: 01/08/2021 01:45PM
DATE AND TIME RECEIVED: 01/09/2021 07:00AM
ANALYSIS PACKAGE: A & L Radon Water
RECEIPT TEMPERATURE: ON ICE 3° CELSIUS

CLIENT JOB #: L2101121

Test Description	Result	Test Units	Pass /Fail	DQ Flag	RL	Limit	Method	Analyst	Date - Time Analyzed
Radon+	915	pCi/L	✓		100	4000 pCi/L	SM 7500-RN B	TT-ME	01/09/2021 04:29PM

Rebecca L. Labranche
 Laboratory Director



A & L LABORATORY

A DIVISION OF GRANITE STATE ANALYTICAL SERVICES, LLC.

Serial_No:01262119:23

155 Center Street, Building C, Auburn, Maine 04210
Phone (207) 784-5354 website www.allaboratory.com

CERTIFICATE OF ANALYSIS FOR DRINKING WATER

DATE PRINTED: 01/26/2021
CLIENT NAME: Alpha Analytical
CLIENT ADDRESS: 8 Walkup Dr.
Westborough, MA 01581

SAMPLE ID #: 2101-00794-006
SAMPLED BY: Not given

SAMPLE ADDRESS: Kingfish Pump Test
Jonesport ME
Well 5

Legend	
Passes	✔
Fails EPA Primary	⊗
Fails EPA Secondary	⚠
Fails State Guideline	✘
Attention	⚠

DATE AND TIME COLLECTED: 01/08/2021 01:45PM
DATE AND TIME RECEIVED: 01/09/2021 07:00AM
ANALYSIS PACKAGE: SOC GSA ME
RECEIPT TEMPERATURE: ON ICE 3° CELSIUS

CLIENT JOB #: L2101121

Test Description	Result	Test Units	Pass /Fail	DQ Flag	RL	Limit	Method	Analyst	Date - Time Analyzed
1,2-Dibromo-3-chloropropane (DBCP)*	<0.02	ug/L	✔		0.02	0.2 ug/L	EPA 504.1	KV-NH	01/12/2021 09:15PM
Date Extracted	-					No Limit	EPA 504.1	TA-NH	01/12/2021 09:00AM
Ethylene Dibromide (EDB)*	<0.02	ug/L	✔		0.02	0.05 ug/L	EPA 504.1	KV-NH	01/12/2021 09:15PM
Aroclor 1016 Screen*	<0.2	ug/L			0.2	No Limit	EPA 505	KV-NH	01/13/2021 01:45AM
Aroclor 1221 Screen*	<0.2	ug/L			0.2	No Limit	EPA 505	KV-NH	01/13/2021 01:45AM
Aroclor 1232 Screen*	<0.2	ug/L			0.2	No Limit	EPA 505	KV-NH	01/13/2021 01:45AM
Aroclor 1242 Screen*	<0.2	ug/L			0.2	No Limit	EPA 505	KV-NH	01/13/2021 01:45AM
Aroclor 1248 Screen*	<0.2	ug/L			0.2	No Limit	EPA 505	KV-NH	01/13/2021 01:45AM
Aroclor 1254 Screen*	<0.2	ug/L			0.2	No Limit	EPA 505	KV-NH	01/13/2021 01:45AM
Aroclor 1260 Screen*	<0.2	ug/L			0.2	No Limit	EPA 505	KV-NH	01/13/2021 01:45AM
Chlordane*	<0.4	ug/L	✔		0.4	2.0 ug/L	EPA 505	KV-NH	01/13/2021 01:45AM
Date Extracted	-					No Limit	EPA 505	TA-NH	01/12/2021 09:00AM
Total PCBs (calc.)*	<0.2	ug/L			0.2	No Limit	EPA 505	KV-NH	01/13/2021 01:45AM
Toxaphene*	<2	ug/L	✔		2.0	3 ug/L	EPA 505	KV-NH	01/13/2021 01:45AM
2,4,5-TP (Silvex)*	<0.25	ug/L	✔		0.25	50 ug/L	EPA 515.3	KV-NH	01/15/2021 12:28AM
2,4-D*	<1	ug/L	✔		1	70 ug/L	EPA 515.3	KV-NH	01/15/2021 12:28AM
Dalapon*	<1	ug/L	✔		1	200 ug/L	EPA 515.3	KV-NH	01/15/2021 12:28AM
Date Extracted	-					No Limit	EPA 515.3	TA-NH	01/14/2021 09:20AM
Dicamba*	<0.5	ug/L			0.5	No Limit	EPA 515.3	KV-NH	01/15/2021 12:28AM
Dinoseb*	<1	ug/L	✔		1	7 ug/L	EPA 515.3	KV-NH	01/15/2021 12:28AM
Pentachlorophenol*	<0.1	ug/L	✔		0.1	1 ug/L	EPA 515.3	KV-NH	01/15/2021 12:28AM
Picloram*	<2	ug/L	✔		2	500 ug/L	EPA 515.3	KV-NH	01/15/2021 12:28AM
2,4-Dichlorophenylacetic acid	97	%	✔			70-130%	EPA 515.3 - SS	KV-NH	01/15/2021 12:28AM

Rebecca L. Labranche
Laboratory Director



A & L LABORATORY

A DIVISION OF GRANITE STATE ANALYTICAL SERVICES, LLC.

Serial_No:01262119:23

155 Center Street, Building C, Auburn, Maine 04210
Phone (207) 784-5354 website www.allaboratory.com

CERTIFICATE OF ANALYSIS FOR DRINKING WATER

DATE PRINTED: 01/26/2021
CLIENT NAME: Alpha Analytical
CLIENT ADDRESS: 8 Walkup Dr.
Westborough, MA 01581

SAMPLE ID #: 2101-00794-006
SAMPLED BY: Not given

SAMPLE ADDRESS: Kingfish Pump Test
Jonesport ME
Well 5

Legend	
Passes	✔
Fails EPA Primary	⊗
Fails EPA Secondary	⚠
Fails State Guideline	✘
Attention	⚠

DATE AND TIME COLLECTED: 01/08/2021 01:45PM
DATE AND TIME RECEIVED: 01/09/2021 07:00AM
ANALYSIS PACKAGE: SOC GSA ME
RECEIPT TEMPERATURE: ON ICE 3° CELSIUS

CLIENT JOB #: L2101121

Test Description	Result	Test Units	Pass /Fail	DQ Flag	RL	Limit	Method	Analyst	Date - Time Analyzed
Alachlor*	<0.1	ug/L	✔		0.1	2 ug/L	EPA 525.2	DD-NH	01/12/2021 03:13PM
Aldrin*	<0.1	ug/L			0.1	No Limit	EPA 525.2	DD-NH	01/12/2021 03:13PM
Atrazine*	<0.1	ug/L	✔		0.1	3 ug/L	EPA 525.2	DD-NH	01/12/2021 03:13PM
Benzo(a)pyrene*	<0.1	ug/L	✔		0.1	0.2 ug/L	EPA 525.2	DD-NH	01/12/2021 03:13PM
Butachlor*	<0.1	ug/L			0.1	No Limit	EPA 525.2	DD-NH	01/12/2021 03:13PM
Date Extracted	-					No Limit	EPA 525.2	GQ-NH	01/11/2021 10:30AM
Di(2-ethylhexyl)adipate*	<1	ug/L	✔		1	400 ug/L	EPA 525.2	DD-NH	01/12/2021 03:13PM
Di(2-ethylhexyl)phthalate*	<1	ug/L	✔		1	6 ug/L	EPA 525.2	DD-NH	01/12/2021 03:13PM
Dieldrin*	<0.1	ug/L			0.1	No Limit	EPA 525.2	DD-NH	01/12/2021 03:13PM
Endrin*	<0.1	ug/L	✔		0.1	2 ug/L	EPA 525.2	DD-NH	01/12/2021 03:13PM
Heptachlor Epoxide*	<0.1	ug/L	✔		0.1	0.2 ug/L	EPA 525.2	DD-NH	01/12/2021 03:13PM
Heptachlor*	<0.1	ug/L	✔		0.1	0.4 ug/L	EPA 525.2	DD-NH	01/12/2021 03:13PM
Hexachlorobenzene*	<0.1	ug/L	✔		0.1	1 ug/L	EPA 525.2	DD-NH	01/12/2021 03:13PM
Hexachlorocyclopentadiene*	<0.1	ug/L	✔		0.1	50 ug/L	EPA 525.2	DD-NH	01/12/2021 03:13PM
Lindane*	<0.1	ug/L	✔		0.1	0.2 ug/L	EPA 525.2	DD-NH	01/12/2021 03:13PM
Methoxychlor*	<0.1	ug/L	✔		0.1	40 ug/L	EPA 525.2	DD-NH	01/12/2021 03:13PM
Metolachlor*	<0.1	ug/L			0.1	No Limit	EPA 525.2	DD-NH	01/12/2021 03:13PM
Metribuzin*	<0.1	ug/L	✔		0.1	70 ug/L	EPA 525.2	DD-NH	01/12/2021 03:13PM
Propachlor*	<0.1	ug/L			0.1	No Limit	EPA 525.2	DD-NH	01/12/2021 03:13PM
Simazine*	<0.1	ug/L	✔		0.1	4 ug/L	EPA 525.2	DD-NH	01/12/2021 03:13PM
1,3-Dimethyl-2-nitrobenzene	92	%	✔			70-130%	EPA 525.2 - SS	DD-NH	01/12/2021 03:13PM
Perylene-d12	92	%	✔			70-130%	EPA 525.2 - SS	DD-NH	01/12/2021 03:13PM
Pyrene-d10	96	%	✔			70-130%	EPA 525.2 - SS	DD-NH	01/12/2021 03:13PM
Triphenylphosphate	110	%	✔			70-130%	EPA 525.2 - SS	DD-NH	01/12/2021 03:13PM

Rebecca L. Labranche
Laboratory Director



A & L LABORATORY

A DIVISION OF GRANITE STATE ANALYTICAL SERVICES, LLC.

Serial_No:01262119:23

155 Center Street, Building C, Auburn, Maine 04210
Phone (207) 784-5354 website www.allaboratory.com

CERTIFICATE OF ANALYSIS FOR DRINKING WATER

DATE PRINTED: 01/26/2021
CLIENT NAME: Alpha Analytical
CLIENT ADDRESS: 8 Walkup Dr.
Westborough, MA 01581

SAMPLE ID #: 2101-00794-006
SAMPLED BY: Not given

SAMPLE ADDRESS: Kingfish Pump Test
Jonesport ME
Well 5

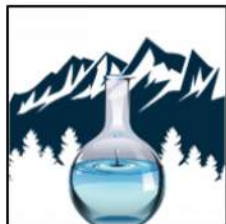
Legend	
Passes	✓
Fails EPA Primary	⊗
Fails EPA Secondary	⚠
Fails State Guideline	✗
Attention	⚠

DATE AND TIME COLLECTED: 01/08/2021 01:45PM
DATE AND TIME RECEIVED: 01/09/2021 07:00AM
ANALYSIS PACKAGE: SOC GSA ME
RECEIPT TEMPERATURE: ON ICE 3° CELSIUS

CLIENT JOB #: L2101121

Test Description	Result	Test Units	Pass /Fail	DQ Flag	RL	Limit	Method	Analyst	Date - Time Analyzed
3-Hydroxycarbofuran*	<1	ug/L			1	No Limit	EPA 531.1	KV-NH	01/19/2021 05:02AM
Aldicarb Sulfone*	<1	ug/L			1	No Limit	EPA 531.1	KV-NH	01/19/2021 05:02AM
Aldicarb Sulfoxide*	<1	ug/L			1	No Limit	EPA 531.1	KV-NH	01/19/2021 05:02AM
Aldicarb*	<1	ug/L			1	No Limit	EPA 531.1	KV-NH	01/19/2021 05:02AM
Carbaryl*	<1	ug/L			1	No Limit	EPA 531.1	KV-NH	01/19/2021 05:02AM
Carbofuran*	<1	ug/L	✓		1	40 ug/L	EPA 531.1	KV-NH	01/19/2021 05:02AM
Date Extracted	-					No Limit	EPA 531.1	KV-NH	01/18/2021 04:20PM
Methiocarb*	<1	ug/L			1	No Limit	EPA 531.1	KV-NH	01/19/2021 05:02AM
Methomyl*	<1	ug/L			1	No Limit	EPA 531.1	KV-NH	01/19/2021 05:02AM
Oxamyl (Vydate)*	<1	ug/L	✓		1	200 ug/L	EPA 531.1	KV-NH	01/19/2021 05:02AM
Propoxur (Baygon)*	<1	ug/L			1	No Limit	EPA 531.1	KV-NH	01/19/2021 05:02AM

Rebecca L. Labranche
Laboratory Director



A & L LABORATORY

A DIVISION OF GRANITE STATE ANALYTICAL SERVICES, LLC.

Serial_No:01262119:23

155 Center Street, Building C, Auburn, Maine 04210
Phone (207) 784-5354 website www.allaboratory.com

CERTIFICATE OF ANALYSIS FOR DRINKING WATER

DATE PRINTED: 01/26/2021
CLIENT NAME: Alpha Analytical
CLIENT ADDRESS: 8 Walkup Dr.
Westborough, MA 01581

SAMPLE ID #: 2101-00794-007
SAMPLED BY:

SAMPLE ADDRESS: ME

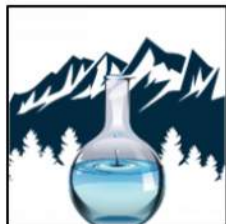
MORE LOC INFO: QC

Legend	
Passes	✔
Fails EPA Primary	⊗
Fails EPA Secondary	⚠
Fails State Guideline	✘
Attention	⚠

DATE AND TIME COLLECTED:
DATE AND TIME RECEIVED: 01/09/2021 07:00AM
ANALYSIS PACKAGE: QC 300.0 A&L IOC
RECEIPT TEMPERATURE: ON ICE 3° CELSIUS
CLIENT JOB #: L2101121

Test Description	Result	Test Units	Pass /Fail	DQ Flag	RL	Limit	Method	Analyst	Date - Time Analyzed
Chloride Initial IPC	93	%	✔		0	90-110%	EPA 300.0	TT-ME	01/09/2021 08:50AM
Chloride LFB	100	%	✔		0	90-110%	EPA 300.0	TT-ME	01/09/2021 09:20AM
Chloride LRB	<2.0	mg/L	✔		2.0	2.0	EPA 300.0	TT-ME	01/09/2021 08:03AM
Chloride QCS	103	%	✔		0	90-110%	EPA 300.0	TT-ME	01/09/2021 08:34AM
Fluoride Initial IPC	94	%	✔		0	90-110%	EPA 300.0	TT-ME	01/09/2021 08:50AM
Fluoride LFB	100	%	✔		0	90-110%	EPA 300.0	TT-ME	01/09/2021 09:20AM
Fluoride LRB	<0.2	mg/L	✔		0.2	0.2	EPA 300.0	TT-ME	01/09/2021 08:03AM
Fluoride QCS	110	%	✔		0	90-110%	EPA 300.0	TT-ME	01/09/2021 08:34AM
Nitrate Initial IPC	94	%	✔		0	90-110%	EPA 300.0	TT-ME	01/09/2021 08:50AM
Nitrate LFB	100	%	✔		0	90-110%	EPA 300.0	TT-ME	01/09/2021 09:20AM
Nitrate LRB	<0.2	mg/L	✔		0.2	0.2	EPA 300.0	TT-ME	01/09/2021 08:03AM
Nitrate QCS	101	%	✔		0	90-110%	EPA 300.0	TT-ME	01/09/2021 08:34AM
Nitrite Initial IPC	93	%	✔		0	90-110%	EPA 300.0	TT-ME	01/09/2021 08:50AM
Nitrite LFB	100	%	✔		0	90-110%	EPA 300.0	TT-ME	01/09/2021 09:20AM
Nitrite LRB	<0.2	mg/L	✔		0.2	0.2	EPA 300.0	TT-ME	01/09/2021 08:03AM
Nitrite QCS	105	%	✔		0	90-110%	EPA 300.0	TT-ME	01/09/2021 08:34AM
Sulfate Initial IPC	95	%	✔		0	90-110%	EPA 300.0	TT-ME	01/09/2021 08:50AM
Sulfate LFB	100	%	✔		0	90-110%	EPA 300.0	TT-ME	01/09/2021 09:20AM
Sulfate LRB	<2.0	mg/L	✔		2.0	2.0	EPA 300.0	TT-ME	01/09/2021 08:03AM
Sulfate QCS	105	%	✔		0	90-110%	EPA 300.0	TT-ME	01/09/2021 08:34AM
pH CCS	7.01	SU	✔		--	6.9-7.1 SU	SM 4500-H+ B	TT-ME	01/09/2021 09:58AM
pH LCS	7.06	SU	✔		--	6.9-7.1 SU	SM 4500-H+ B	TT-ME	01/09/2021 08:59AM

Rebecca L. Labranche
Laboratory Director



A & L LABORATORY

A DIVISION OF GRANITE STATE ANALYTICAL SERVICES, LLC.

Serial_No:01262119:23

155 Center Street, Building C, Auburn, Maine 04210
Phone (207) 784-5354 website www.allaboratory.com

CERTIFICATE OF ANALYSIS FOR DRINKING WATER

DATE PRINTED: 01/26/2021
CLIENT NAME: Alpha Analytical
CLIENT ADDRESS: 8 Walkup Dr.
 Westborough, MA 01581
SAMPLE ID #: 2101-00794-008
SAMPLED BY:
SAMPLE ADDRESS: ME
MORE LOC INFO: QC Data EPA 200.7

Legend	
Passes	✓
Fails EPA Primary	⊗
Fails EPA Secondary	▼
Fails State Guideline	✕
Attention	⚠

DATE AND TIME COLLECTED:
DATE AND TIME RECEIVED: 01/09/2021 07:00AM
ANALYSIS PACKAGE: QC 200.7 A&L IOC
RECEIPT TEMPERATURE: ON ICE 3° CELSIUS
CLIENT JOB #: L2101121

Test Description	Result	Test Units	Pass /Fail	DQ Flag	RL	Limit	Method	Analyst	Date - Time Analyzed
Calcium Continuing Cal. Blank	<1	mg/L	✓		1	1 mg/L	EPA 200.7	JLR-NH	01/12/2021 10:49AM
Calcium Continuing Cal. Verification	100	%	✓			90-110 %	EPA 200.7	JLR-NH	01/12/2021 10:48AM
Calcium Initial Cal. Blank	<1	mg/L	✓		1	1 mg/L	EPA 200.7	JLR-NH	01/12/2021 10:45AM
Calcium Initial Cal. Verification	99	%	✓			90-110 %	EPA 200.7	JLR-NH	01/12/2021 10:42AM
Iron Continuing Cal. Blank	<0.01	mg/L	✓		0.01	0.01 mg/L	EPA 200.7	JLR-NH	01/12/2021 10:49AM
Iron Continuing Cal. Verification	98	%	✓			90-110 %	EPA 200.7	JLR-NH	01/12/2021 10:46AM
Iron Initial Cal. Blank	<0.01	mg/L	✓		0.01	0.01 mg/L	EPA 200.7	JLR-NH	01/12/2021 10:45AM
Iron Initial Cal. Verification	100	%	✓			90-110 %	EPA 200.7	JLR-NH	01/12/2021 10:42AM
Magnesium Continuing Cal. Blank	<1	mg/L	✓		1	1 mg/L	EPA 200.7	JLR-NH	01/12/2021 10:49AM
Magnesium Continuing Cal. Verification	101	%	✓			90-110 %	EPA 200.7	JLR-NH	01/12/2021 10:48AM
Magnesium Initial Cal. Blank	<1	mg/L	✓		1	1 mg/L	EPA 200.7	JLR-NH	01/12/2021 10:45AM
Magnesium Initial Cal. Verification	98	%	✓			90-110 %	EPA 200.7	JLR-NH	01/12/2021 10:42AM
Sodium Continuing Cal. Blank	<1	mg/L	✓		1	1 mg/L	EPA 200.7	JLR-NH	01/12/2021 10:49AM
Sodium Continuing Cal. Verification	101	%	✓			90-110 %	EPA 200.7	JLR-NH	01/12/2021 10:48AM
Sodium Initial Cal. Blank	<1	mg/L	✓		1	1 mg/L	EPA 200.7	JLR-NH	01/12/2021 10:45AM
Sodium Initial Cal. Verification	99	%	✓			90-110 %	EPA 200.7	JLR-NH	01/12/2021 10:42AM

Rebecca L. Labranche
Laboratory Director



A & L LABORATORY

A DIVISION OF GRANITE STATE ANALYTICAL SERVICES, LLC.

Serial_No:01262119:23

155 Center Street, Building C, Auburn, Maine 04210
 Phone (207) 784-5354 website www.allaboratory.com

CERTIFICATE OF ANALYSIS FOR DRINKING WATER

DATE PRINTED: 01/26/2021
CLIENT NAME: Alpha Analytical
CLIENT ADDRESS: 8 Walkup Dr.
 Westborough, MA 01581
SAMPLE ID #: 2101-00794-009
SAMPLED BY:
SAMPLE ADDRESS: ME
MORE LOC INFO: QC EPA 200.7 LFM/LFMD

Legend	
Passes	✓
Fails EPA Primary	⊗
Fails EPA Secondary	▼
Fails State Guideline	✕
Attention	⚠

DATE AND TIME COLLECTED:
DATE AND TIME RECEIVED: 01/09/2021 07:00AM
ANALYSIS PACKAGE: QC 200.7 LFM
RECEIPT TEMPERATURE: ON ICE 3° CELSIUS
CLIENT JOB #: L2101121

Test Description	Result	Test Units	Pass /Fail	DQ Flag	RL	Limit	Method	Analyst	Date - Time Analyzed
Calcium Duplicate	1.3	RPD	✓		0	20%	EPA 200.7	JLR-NH	01/12/2021 11:15AM
Calcium Laboratory Fortified Matrix	95	%	✓		0	70-130 %	EPA 200.7	JLR-NH	01/12/2021 11:14AM
Iron Duplicate	1.8	RPD	✓		0	20%	EPA 200.7	JLR-NH	01/12/2021 11:15AM
Iron Laboratory Fortified Matrix	103	%	✓		0	70-130 %	EPA 200.7	JLR-NH	01/12/2021 11:14AM
Magnesium Duplicate	1.8	RPD	✓		0	20%	EPA 200.7	JLR-NH	01/12/2021 11:15AM
Magnesium Laboratory Fortified Matrix	100	%	✓		0	70-130 %	EPA 200.7	JLR-NH	01/12/2021 11:14AM
Sodium Duplicate	0.7	RPD	✓		0	20%	EPA 200.7	JLR-NH	01/12/2021 11:15AM
Sodium Laboratory Fortified Matrix	101	%	✓			70-130 %	EPA 200.7	JLR-NH	01/12/2021 11:14AM

Rebecca L. Labranche
 Laboratory Director



A & L LABORATORY

A DIVISION OF GRANITE STATE ANALYTICAL SERVICES, LLC.

Serial_No:01262119:23

155 Center Street, Building C, Auburn, Maine 04210
Phone (207) 784-5354 website www.allaboratory.com

CERTIFICATE OF ANALYSIS FOR DRINKING WATER

DATE PRINTED: 01/26/2021
CLIENT NAME: Alpha Analytical
CLIENT ADDRESS: 8 Walkup Dr.
Westborough, MA 01581

SAMPLE ID #: 2101-00794-010
SAMPLED BY:

SAMPLE ADDRESS: ME

MORE LOC INFO: QC Data EPA 200.8

Legend	
Passes	✔
Fails EPA Primary	⊗
Fails EPA Secondary	⚠
Fails State Guideline	✘
Attention	⚠

DATE AND TIME COLLECTED:
DATE AND TIME RECEIVED: 01/09/2021 07:00AM
ANALYSIS PACKAGE: QC 200.8
RECEIPT TEMPERATURE: ON ICE 3° CELSIUS
CLIENT JOB #: L2101121

Test Description	Result	Test Units	Pass /Fail	DQ Flag	RL	Limit	Method	Analyst	Date - Time Analyzed
Antimony Continuing Cal. Blank	<0.001	mg/L	✔		0.001	0.001 mg/L	EPA 200.8	JLR-NH	01/13/2021 04:22PM
Antimony Continuing Cal. Verification	107	%	✔		0	90-110 %	EPA 200.8	JLR-NH	01/13/2021 04:18PM
Antimony Initial Cal. Blank	<0.001	mg/L	✔		0.001	0.001 mg/L	EPA 200.8	JLR-NH	01/13/2021 04:11PM
Antimony Initial Cal. Verification	98	%	✔		0	90-110 %	EPA 200.8	JLR-NH	01/13/2021 04:07PM
Arsenic Continuing Cal. Blank	<0.001	mg/L	✔		0.001	0.001 mg/L	EPA 200.8	DR-NH	01/12/2021 12:11PM
Arsenic Continuing Cal. Verification	96	%	✔		0	90-110 %	EPA 200.8	DR-NH	01/12/2021 12:09PM
Arsenic Initial Cal. Blank	<0.001	mg/L	✔		0.001	0.001 mg/L	EPA 200.8	DR-NH	01/12/2021 10:53AM
Arsenic Initial Cal. Verification	97	%	✔		0	90-110 %	EPA 200.8	DR-NH	01/12/2021 10:51AM
Barium Continuing Cal. Blank	<0.001	mg/L	✔		0.001	0.001 mg/L	EPA 200.8	DR-NH	01/12/2021 12:11PM
Barium Continuing Cal. Verification	98	%	✔		0	90-110 %	EPA 200.8	DR-NH	01/12/2021 12:09PM
Barium Initial Cal. Blank	<0.001	mg/L	✔		0.001	0.001 mg/L	EPA 200.8	DR-NH	01/12/2021 10:53AM
Barium Initial Cal. Verification	97	%	✔		0	90-110 %	EPA 200.8	DR-NH	01/12/2021 10:51AM
Beryllium Continuing Cal. Blank	<0.001	mg/L	✔		0.001	0.001 mg/L	EPA 200.8	DR-NH	01/12/2021 12:11PM
Beryllium Continuing Cal. Verification	102	%	✔		0	90-110 %	EPA 200.8	DR-NH	01/12/2021 12:09PM
Beryllium Initial Cal. Blank	<0.001	mg/L	✔		0.001	0.001 mg/L	EPA 200.8	DR-NH	01/12/2021 10:53AM
Beryllium Initial Cal. Verification	98	%	✔		0	90-110 %	EPA 200.8	DR-NH	01/12/2021 10:51AM
Cadmium Continuing Cal. Blank	<0.001	mg/L	✔		0.001	0.001 mg/L	EPA 200.8	DR-NH	01/12/2021 12:11PM

Rebecca L. Labranche
Laboratory Director



A & L LABORATORY

A DIVISION OF GRANITE STATE ANALYTICAL SERVICES, LLC.

Serial_No:01262119:23

155 Center Street, Building C, Auburn, Maine 04210
Phone (207) 784-5354 website www.allaboratory.com

CERTIFICATE OF ANALYSIS FOR DRINKING WATER

DATE PRINTED: 01/26/2021
CLIENT NAME: Alpha Analytical
CLIENT ADDRESS: 8 Walkup Dr.
 Westborough, MA 01581
SAMPLE ID #: 2101-00794-010
SAMPLED BY:
SAMPLE ADDRESS: ME
MORE LOC INFO: QC Data EPA 200.8

Legend	
Passes	✓
Fails EPA Primary	⊗
Fails EPA Secondary	⚠
Fails State Guideline	✗
Attention	⚠

DATE AND TIME COLLECTED:
DATE AND TIME RECEIVED: 01/09/2021 07:00AM
ANALYSIS PACKAGE: QC 200.8
RECEIPT TEMPERATURE: ON ICE 3° CELSIUS
CLIENT JOB #: L2101121

Test Description	Result	Test Units	Pass /Fail	DQ Flag	RL	Limit	Method	Analyst	Date - Time Analyzed
Cadmium Continuing Cal. Verification	104	%	✓		0	90-110 %	EPA 200.8	DR-NH	01/12/2021 12:09PM
Cadmium Initial Cal. Blank	<0.001	mg/L	✓		0.001	0.001 mg/L	EPA 200.8	DR-NH	01/12/2021 10:53AM
Cadmium Initial Cal. Verification	102	%	✓		0	90-110 %	EPA 200.8	DR-NH	01/12/2021 10:51AM
Chromium Continuing Cal. Blank	<0.001	mg/L	✓		0.001	0.001 mg/L	EPA 200.8	DR-NH	01/12/2021 12:11PM
Chromium Continuing Cal. Verification	103	%	✓		0	90-110 %	EPA 200.8	DR-NH	01/12/2021 12:09PM
Chromium Initial Cal. Blank	<0.001	mg/L	✓		0.001	0.001 mg/L	EPA 200.8	DR-NH	01/12/2021 10:53AM
Chromium Initial Cal. Verification	101	%	✓		0	90-110 %	EPA 200.8	DR-NH	01/12/2021 10:51AM
Copper Continuing Cal. Blank	<0.001	mg/L	✓		0.001	0.001 mg/L	EPA 200.8	DR-NH	01/12/2021 12:11PM
Copper Continuing Cal. Verification	95	%	✓		0	90-110 %	EPA 200.8	DR-NH	01/12/2021 12:09PM
Copper Initial Cal. Blank	<0.001	mg/L	✓		0.001	0.001 mg/L	EPA 200.8	DR-NH	01/12/2021 10:53AM
Copper Initial Cal. Verification	95	%	✓		0	90-110 %	EPA 200.8	DR-NH	01/12/2021 10:51AM
Lead Continuing Cal. Blank	<0.001	mg/L	✓		0.001	0.001 mg/L	EPA 200.8	DR-NH	01/12/2021 12:11PM
Lead Continuing Cal. Verification	100	%	✓		0	90-110 %	EPA 200.8	DR-NH	01/12/2021 12:09PM
Lead Initial Cal. Blank	<0.001	mg/L	✓		0.001	0.001 mg/L	EPA 200.8	DR-NH	01/12/2021 10:53AM
Lead Initial Cal. Verification	99	%	✓		0	90-110 %	EPA 200.8	DR-NH	01/12/2021 10:51AM
Manganese Continuing Cal. Blank	<0.001	mg/L	✓		0.001	0.001 mg/L	EPA 200.8	DR-NH	01/12/2021 12:11PM
Manganese Continuing Cal. Verification	102	%	✓		0	90-110 %	EPA 200.8	DR-NH	01/12/2021 12:09PM
Manganese Initial Cal. Blank	<0.001	mg/L	✓		0.001	0.001 mg/L	EPA 200.8	DR-NH	01/12/2021 10:53AM

Rebecca L. Labranche
Laboratory Director



A & L LABORATORY

A DIVISION OF GRANITE STATE ANALYTICAL SERVICES, LLC.

Serial_No:01262119:23

155 Center Street, Building C, Auburn, Maine 04210
Phone (207) 784-5354 website www.allaboratory.com

CERTIFICATE OF ANALYSIS FOR DRINKING WATER

DATE PRINTED: 01/26/2021
CLIENT NAME: Alpha Analytical
CLIENT ADDRESS: 8 Walkup Dr.
 Westborough, MA 01581
SAMPLE ID #: 2101-00794-010
SAMPLED BY:
SAMPLE ADDRESS: ME
MORE LOC INFO: QC Data EPA 200.8

Legend	
Passes	✔
Fails EPA Primary	⊗
Fails EPA Secondary	▼
Fails State Guideline	✕
Attention	⚠

DATE AND TIME COLLECTED:
DATE AND TIME RECEIVED: 01/09/2021 07:00AM
ANALYSIS PACKAGE: QC 200.8
RECEIPT TEMPERATURE: ON ICE 3° CELSIUS
CLIENT JOB #: L2101121

Test Description	Result	Test Units	Pass /Fail	DQ Flag	RL	Limit	Method	Analyst	Date - Time Analyzed
Manganese Initial Cal. Verification	97	%	✔		0	90-110 %	EPA 200.8	DR-NH	01/12/2021 10:51AM
Mercury Continuing Cal. Blank	<0.0001	mg/L	✔		0.0001	0.0001 mg/L	EPA 200.8	JLR-NH	01/12/2021 10:34AM
Mercury Continuing Cal. Verification	107	%	✔		0	90-110 %	EPA 200.8	JLR-NH	01/12/2021 10:30AM
Mercury Initial Cal. Blank	<0.0001	mg/L	✔		0.0001	0.0001 mg/L	EPA 200.8	JLR-NH	01/12/2021 10:22AM
Mercury Initial Cal. Verification	101	%	✔		0	90-110 %	EPA 200.8	JLR-NH	01/12/2021 10:18AM
Nickel Continuing Cal. Blank	<0.001	mg/L	✔		0.001	0.001 mg/L	EPA 200.8	DR-NH	01/12/2021 12:11PM
Nickel Continuing Cal. Verification	102	%	✔		0	90-110 %	EPA 200.8	DR-NH	01/12/2021 12:09PM
Nickel Initial Cal. Blank	<0.001	mg/L	✔		0.001	0.001 mg/L	EPA 200.8	DR-NH	01/12/2021 10:53AM
Nickel Initial Cal. Verification	103	%	✔		0	90-110 %	EPA 200.8	DR-NH	01/12/2021 10:51AM
Selenium Continuing Cal. Blank	<0.001	mg/L	✔		0.001	0.001 mg/L	EPA 200.8	DR-NH	01/19/2021 11:16AM
Selenium Continuing Cal. Verification	98	%	✔		0	90-110 %	EPA 200.8	DR-NH	01/24/2021 04:01PM
Selenium Initial Cal. Blank	<0.001	mg/L	✔		0.001	0.001 mg/L	EPA 200.8	DR-NH	01/19/2021 11:11AM
Selenium Initial Cal. Verification	96	%	✔		0	90-110 %	EPA 200.8	DR-NH	01/19/2021 11:09AM
Silver Continuing Cal. Blank	<0.001	mg/L	✔		0.001	0.001 mg/L	EPA 200.8	JLR-NH	01/13/2021 04:22PM
Silver Continuing Cal. Verification	99	%	✔		0	90-110 %	EPA 200.8	JLR-NH	01/13/2021 04:18PM
Silver Initial Cal. Blank	<0.001	mg/L	✔		0.001	0.001 mg/L	EPA 200.8	JLR-NH	01/13/2021 04:11PM
Silver Initial Cal. Verification	99	%	✔		0	90-110 %	EPA 200.8	JLR-NH	01/13/2021 04:07PM
Thallium Continuing Cal. Blank	<0.001	mg/L	✔		0.001	0.001 mg/L	EPA 200.8	JLR-NH	01/13/2021 04:22PM

Rebecca L. Labranche
Laboratory Director



A & L LABORATORY

A DIVISION OF GRANITE STATE ANALYTICAL SERVICES, LLC.

155 Center Street, Building C, Auburn, Maine 04210
 Phone (207) 784-5354 website www.allaboratory.com

CERTIFICATE OF ANALYSIS FOR DRINKING WATER

DATE PRINTED: 01/26/2021
CLIENT NAME: Alpha Analytical
CLIENT ADDRESS: 8 Walkup Dr.
 Westborough, MA 01581
SAMPLE ID #: 2101-00794-010
SAMPLED BY:
SAMPLE ADDRESS: ME
MORE LOC INFO: QC Data EPA 200.8

Legend	
Passes	✓
Fails EPA Primary	⊗
Fails EPA Secondary	⚠
Fails State Guideline	✕
Attention	⚠

DATE AND TIME COLLECTED:
DATE AND TIME RECEIVED: 01/09/2021 07:00AM
ANALYSIS PACKAGE: QC 200.8
RECEIPT TEMPERATURE: ON ICE 3° CELSIUS
CLIENT JOB #: L2101121

Test Description	Result	Test Units	Pass /Fail	DQ Flag	RL	Limit	Method	Analyst	Date - Time Analyzed
Thallium Continuing Cal. Verification	101	%	✓		0	90-110 %	EPA 200.8	JLR-NH	01/13/2021 04:18PM
Thallium Initial Cal. Blank	<0.001	mg/L	✓		0.001	0.001 mg/L	EPA 200.8	JLR-NH	01/13/2021 04:11PM
Thallium Initial Cal. Verification	97	%	✓		0	90-110 %	EPA 200.8	JLR-NH	01/13/2021 04:07PM
Uranium Continuing Cal. Blank	<1	ug/L	✓		1	1 mg/L	EPA 200.8	DR-NH	01/12/2021 12:11PM
Uranium Continuing Cal. Verification	101	%	✓		0	90-110 %	EPA 200.8	DR-NH	01/12/2021 12:09PM
Uranium Initial Cal. Blank	<1	ug/L	✓		1	1 ug/L	EPA 200.8	DR-NH	01/12/2021 10:53AM
Uranium Initial Cal. Verification	102	%	✓		0	90-110 %	EPA 200.8	DR-NH	01/12/2021 10:51AM
Zinc Continuing Cal. Blank	<0.001	mg/L	✓		0.001	0.001 mg/L	EPA 200.8	DR-NH	01/12/2021 12:11PM
Zinc Continuing Cal. Verification	101	%	✓		0	90-110 %	EPA 200.8	DR-NH	01/12/2021 12:09PM
Zinc Initial Cal. Blank	<0.001	mg/L	✓		0.001	0.001 mg/L	EPA 200.8	DR-NH	01/12/2021 10:53AM
Zinc Initial Cal. Verification	99	%	✓		0	90-110 %	EPA 200.8	DR-NH	01/12/2021 10:51AM

Rebecca L. Labranche
 Laboratory Director



A & L LABORATORY

A DIVISION OF GRANITE STATE ANALYTICAL SERVICES, LLC.

Serial_No:01262119:23

155 Center Street, Building C, Auburn, Maine 04210
Phone (207) 784-5354 website www.allaboratory.com

CERTIFICATE OF ANALYSIS FOR DRINKING WATER

DATE PRINTED: 01/26/2021
CLIENT NAME: Alpha Analytical
CLIENT ADDRESS: 8 Walkup Dr.
Westborough, MA 01581

SAMPLE ID #: 2101-00794-011
SAMPLED BY:

SAMPLE ADDRESS: ME

MORE LOC INFO: QC Data EPA 200.8 Digestion

Legend	
Passes	✔
Fails EPA Primary	⊗
Fails EPA Secondary	⚠
Fails State Guideline	✘
Attention	⚠

DATE AND TIME COLLECTED:
DATE AND TIME RECEIVED: 01/09/2021 07:00AM
ANALYSIS PACKAGE: QC 200.8 DIG LR
RECEIPT TEMPERATURE: ON ICE 3° CELSIUS
CLIENT JOB #: L2101121

Test Description	Result	Test Units	Pass /Fail	DQ Flag	RL	Limit	Method	Analyst	Date - Time Analyzed
Antimony Digested Laboratory Fortified Blank	99	%	✔		0	85-115 %	EPA 200.8	JLR-NH	01/13/2021 04:40PM
Antimony Digested Laboratory Reagent Blank	<0.001	mg/L	✔		0.001	0.001 mg/L	EPA 200.8	JLR-NH	01/13/2021 04:32PM
Antimony Duplicate	3.1	RPD	✔		0	20%	EPA 200.8	JLR-NH	01/13/2021 04:51PM
Antimony Laboratory Fortified Matrix	98	%	✔		0	70-130%	EPA 200.8	JLR-NH	01/13/2021 04:47PM
Selenium Digested Laboratory Fortified Blank	102	%	✔		0	85-115 %	EPA 200.8	DR-NH	01/19/2021 11:25AM
Selenium Digested Laboratory Reagent Blank	<0.001	mg/L	✔		0.001	0.001 mg/L	EPA 200.8	DR-NH	01/19/2021 11:20AM
Selenium Duplicate	3.6	RPD	✔		0	20%	EPA 200.8	DR-NH	01/19/2021 11:31AM
Selenium Laboratory Fortified Matrix	99	%	✔		0	70-130%	EPA 200.8	DR-NH	01/19/2021 11:29AM
Silver Digested Laboratory Fortified Blank	101	%	✔		0	85-115 %	EPA 200.8	JLR-NH	01/13/2021 04:40PM
Silver Digested Laboratory Reagent Blank	<0.001	mg/L	✔		0.001	0.001 mg/L	EPA 200.8	JLR-NH	01/13/2021 04:32PM
Silver Duplicate	0.6	RPD	✔		0	20%	EPA 200.8	JLR-NH	01/13/2021 04:51PM
Silver Laboratory Fortified Matrix	96	%	✔		0	70-130%	EPA 200.8	JLR-NH	01/13/2021 04:47PM
Thallium Digested Laboratory Fortified Blank	99	%	✔		0	85-115 %	EPA 200.8	JLR-NH	01/13/2021 04:40PM
Thallium Digested Laboratory Reagent Blank	<0.001	mg/L	✔		0.001	0.001 mg/L	EPA 200.8	JLR-NH	01/13/2021 04:32PM
Thallium Duplicate	0.4	RPD	✔		0	20%	EPA 200.8	JLR-NH	01/13/2021 04:51PM

Rebecca L. Labranche
Laboratory Director



A & L LABORATORY

A DIVISION OF GRANITE STATE ANALYTICAL SERVICES, LLC.

155 Center Street, Building C, Auburn, Maine 04210
 Phone (207) 784-5354 website www.allaboratory.com

CERTIFICATE OF ANALYSIS FOR DRINKING WATER

DATE PRINTED: 01/26/2021
CLIENT NAME: Alpha Analytical
CLIENT ADDRESS: 8 Walkup Dr.
 Westborough, MA 01581

SAMPLE ID #: 2101-00794-011
SAMPLED BY:

SAMPLE ADDRESS: ME

MORE LOC INFO: QC Data EPA 200.8 Digestion

Legend	
Passes	✓
Fails EPA Primary	⊗
Fails EPA Secondary	▼
Fails State Guideline	✕
Attention	⚠

DATE AND TIME COLLECTED:

DATE AND TIME RECEIVED: 01/09/2021 07:00AM

ANALYSIS PACKAGE: QC 200.8 DIG LR

RECEIPT TEMPERATURE: ON ICE 3° CELSIUS

CLIENT JOB #: L2101121

Test Description	Result	Test Units	Pass /Fail	DQ Flag	RL	Limit	Method	Analyst	Date - Time Analyzed
Thallium Laboratory Fortified Matrix	96	%	✓		0	70-130%	EPA 200.8	JLR-NH	01/13/2021 04:47PM

Rebecca L. Labranche
 Laboratory Director



A & L LABORATORY

A DIVISION OF GRANITE STATE ANALYTICAL SERVICES, LLC.

155 Center Street, Building C, Auburn, Maine 04210
 Phone (207) 784-5354 website www.allaboratory.com

CERTIFICATE OF ANALYSIS FOR DRINKING WATER

DATE PRINTED: 01/26/2021
CLIENT NAME: Alpha Analytical
CLIENT ADDRESS: 8 Walkup Dr.
 Westborough, MA 01581

SAMPLE ID #: 2101-00794-012
SAMPLED BY:

SAMPLE ADDRESS: ME

MORE LOC INFO: QC

Legend	
Passes	
Fails EPA Primary	
Fails EPA Secondary	
Fails State Guideline	
Attention	

DATE AND TIME COLLECTED:

DATE AND TIME RECEIVED: 01/09/2021 07:00AM

ANALYSIS PACKAGE: QC Radon Water ME-DEP

RECEIPT TEMPERATURE: ON ICE 3° CELSIUS

CLIENT JOB #: L2101121

Test Description	Result	Test Units	Pass /Fail	DQ Flag	RL	Limit	Method	Analyst	Date - Time Analyzed
Radon Background Average	3.20	pCi/L			100	6 pCi/L	SM 7500RN-B_1998	TT-ME	01/09/2021 03:25PM
Radon LCS (1)	97.0	%			0	90-110	SM 7500RN-B_1998	TT-ME	01/09/2021 03:37PM
Radon LCS (2)	97.0	%			0	90-110	SM 7500RN-B_1998	TT-ME	01/09/2021 06:24PM

Rebecca L. Labranche
 Laboratory Director



A & L LABORATORY

A DIVISION OF GRANITE STATE ANALYTICAL SERVICES, LLC.

155 Center Street, Building C, Auburn, Maine 04210
 Phone (207) 784-5354 website www.allaboratory.com

CERTIFICATE OF ANALYSIS FOR DRINKING WATER

DATE PRINTED: 01/26/2021
CLIENT NAME: Alpha Analytical
CLIENT ADDRESS: 8 Walkup Dr.
 Westborough, MA 01581

SAMPLE ID #: 2101-00794-013
SAMPLED BY:

SAMPLE ADDRESS: ME

MORE LOC INFO: QC Data EPA 200.8 Mercury LFM/DUP

Legend	
Passes	✓
Fails EPA Primary	⊗
Fails EPA Secondary	▼
Fails State Guideline	✕
Attention	⚠

DATE AND TIME COLLECTED:

DATE AND TIME RECEIVED: 01/09/2021 07:00AM

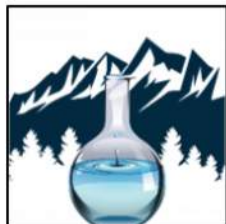
ANALYSIS PACKAGE: QC 200.8 IOC LFM

RECEIPT TEMPERATURE: ON ICE 3° CELSIUS

CLIENT JOB #: L2101121

Test Description	Result	Test Units	Pass /Fail	DQ Flag	RL	Limit	Method	Analyst	Date - Time Analyzed
Mercury Duplicate	6.9	RPD	✓		0	20%	EPA 200.8	JLR-NH	01/12/2021 11:16AM
Mercury Laboratory Fortified Matrix	93	%	✓		0	70-130%	EPA 200.8	JLR-NH	01/12/2021 11:12AM

Rebecca L. Labranche
 Laboratory Director



A & L LABORATORY

A DIVISION OF GRANITE STATE ANALYTICAL SERVICES, LLC.

Serial_No:01262119:23

155 Center Street, Building C, Auburn, Maine 04210
Phone (207) 784-5354 website www.allaboratory.com

CERTIFICATE OF ANALYSIS FOR DRINKING WATER

DATE PRINTED: 01/26/2021
CLIENT NAME: Alpha Analytical
CLIENT ADDRESS: 8 Walkup Dr.
Westborough, MA 01581

SAMPLE ID #: 2101-00794-014
SAMPLED BY:

SAMPLE ADDRESS: ME

MORE LOC INFO: QC Data SOC LRB

Legend	
Passes	✓
Fails EPA Primary	⊗
Fails EPA Secondary	⚠
Fails State Guideline	✗
Attention	⚠

DATE AND TIME COLLECTED:
DATE AND TIME RECEIVED: 01/09/2021 07:00AM
ANALYSIS PACKAGE: SOC LRB
RECEIPT TEMPERATURE: ON ICE 3° CELSIUS
CLIENT JOB #: L2101121

Test Description	Result	Test Units	Pass /Fail	DQ Flag	RL	Limit	Method	Analyst	Date - Time Analyzed
1,2-Dibromo-3-chloropropane (DBCP)	<0.02	ug/L	✓		0.02	<0.02	EPA 504.1	KV-NH	01/12/2021 03:28AM
Date Extracted	-					No Limit	EPA 504.1	TA-NH	01/12/2021 09:00AM
Ethylene Dibromide (EDB)	<0.02	ug/L	✓		0.02	<0.02	EPA 504.1	KV-NH	01/12/2021 03:28AM
Aroclor 1016 Screen	<0.2	ug/L	✓		0.2	<0.2	EPA 505	KV-NH	01/12/2021 06:55PM
Aroclor 1221 Screen	<0.2	ug/L	✓		0.2	<0.2	EPA 505	KV-NH	01/12/2021 06:55PM
Aroclor 1232 Screen	<0.2	ug/L	✓		0.2	<0.2	EPA 505	KV-NH	01/12/2021 06:55PM
Aroclor 1242 Screen	<0.2	ug/L	✓		0.2	<0.2	EPA 505	KV-NH	01/12/2021 06:55PM
Aroclor 1248 Screen	<0.2	ug/L	✓		0.2	<0.2	EPA 505	KV-NH	01/12/2021 06:55PM
Aroclor 1254 Screen	<0.2	ug/L	✓		0.2	<0.2	EPA 505	KV-NH	01/12/2021 06:55PM
Aroclor 1260 Screen	<0.2	ug/L	✓		0.2	<0.2	EPA 505	KV-NH	01/12/2021 06:55PM
Chlordane	<0.4	ug/L	✓		0.4	<0.4	EPA 505	KV-NH	01/12/2021 06:55PM
Date Extracted	-					No Limit	EPA 505	TA-NH	01/12/2021 09:00AM
Total PCBs (calc.)	<0.2	ug/L	✓		0.2	<0.2	EPA 505	KV-NH	01/12/2021 06:55PM
Toxaphene	<2.0	ug/L	✓		2.0	<2.0	EPA 505	KV-NH	01/12/2021 06:55PM
2,4,5-TP (Silvex)	<0.25	ug/L	✓		0.25	<0.25	EPA 515.3	KV-NH	01/14/2021 08:27PM
2,4-D	<1	ug/L	✓		1	<1.0	EPA 515.3	KV-NH	01/14/2021 08:27PM
Dalapon	<1	ug/L	✓		1	<1	EPA 515.3	KV-NH	01/14/2021 08:27PM
Date Extracted	-					No Limit	EPA 515.3	TA-NH	01/14/2021 09:20AM
Dicamba	<0.5	ug/L	✓		0.5	<0.5	EPA 515.3	KV-NH	01/14/2021 08:27PM
Dinoseb	<1	ug/L	✓		1	<1	EPA 515.3	KV-NH	01/14/2021 08:27PM
Pentachlorophenol	<0.1	ug/L	✓		0.1	<0.1	EPA 515.3	KV-NH	01/14/2021 08:27PM
Picloram	<2	ug/L	✓		2	<2	EPA 515.3	KV-NH	01/14/2021 08:27PM
2,4-Dichlorophenylacetic acid	112	%	✓			70-130%	EPA 515.3 - SS	KV-NH	01/14/2021 08:27PM

Rebecca L. Labranche
Laboratory Director



A & L LABORATORY

A DIVISION OF GRANITE STATE ANALYTICAL SERVICES, LLC.

Serial_No:01262119:23

155 Center Street, Building C, Auburn, Maine 04210
Phone (207) 784-5354 website www.allaboratory.com

CERTIFICATE OF ANALYSIS FOR DRINKING WATER

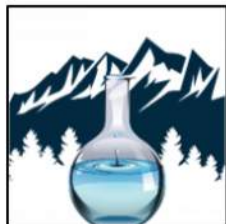
DATE PRINTED: 01/26/2021
CLIENT NAME: Alpha Analytical
CLIENT ADDRESS: 8 Walkup Dr.
 Westborough, MA 01581
SAMPLE ID #: 2101-00794-014
SAMPLED BY:
SAMPLE ADDRESS: ME
MORE LOC INFO: QC Data SOC LRB

Legend	
Passes	✓
Fails EPA Primary	⊗
Fails EPA Secondary	⚠
Fails State Guideline	✗
Attention	⚠

DATE AND TIME COLLECTED:
DATE AND TIME RECEIVED: 01/09/2021 07:00AM
ANALYSIS PACKAGE: SOC LRB
RECEIPT TEMPERATURE: ON ICE 3° CELSIUS
CLIENT JOB #: L2101121

Test Description	Result	Test Units	Pass /Fail	DQ Flag	RL	Limit	Method	Analyst	Date - Time Analyzed
Alachlor	<0.1	ug/L	✓		0.1	<0.1	EPA 525.2	DD-NH	01/11/2021 05:34PM
Aldrin	<0.1	ug/L	✓		0.1	<0.1	EPA 525.2	DD-NH	01/11/2021 05:34PM
Atrazine	<0.1	ug/L	✓		0.1	<0.1	EPA 525.2	DD-NH	01/11/2021 05:34PM
Benzo(a)pyrene	<0.1	ug/L	✓		0.1	<0.1	EPA 525.2	DD-NH	01/11/2021 05:34PM
Butachlor	<0.1	ug/L	✓		0.1	<0.1	EPA 525.2	DD-NH	01/11/2021 05:34PM
Date Extracted	-					No Limit	EPA 525.2	TA-NH	01/11/2021 10:30AM
Di(2-ethylhexyl)adipate	<1.0	ug/L	✓		1.0	<1.0	EPA 525.2	DD-NH	01/11/2021 05:34PM
Di(2-ethylhexyl)phthalate	<1.0	ug/L	✓		1.0	<1.0	EPA 525.2	DD-NH	01/11/2021 05:34PM
Dieldrin	<0.1	ug/L	✓		0.1	<0.1	EPA 525.2	DD-NH	01/11/2021 05:34PM
Endrin	<0.1	ug/L	✓		0.1	<0.1	EPA 525.2	DD-NH	01/11/2021 05:34PM
Heptachlor	<0.1	ug/L	✓		0.1	<0.1	EPA 525.2	DD-NH	01/11/2021 05:34PM
Heptachlor Epoxide	<0.1	ug/L	✓		0.1	<0.1	EPA 525.2	DD-NH	01/11/2021 05:34PM
Hexachlorobenzene	<0.1	ug/L	✓		0.1	<0.1	EPA 525.2	DD-NH	01/11/2021 05:34PM
Hexachlorocyclopentadiene	<0.1	ug/L	✓		0.1	<0.1	EPA 525.2	DD-NH	01/11/2021 05:34PM
Lindane	<0.1	ug/L	✓		0.1	<0.1	EPA 525.2	DD-NH	01/11/2021 05:34PM
Methoxychlor	<0.1	ug/L	✓		0.1	<0.1	EPA 525.2	DD-NH	01/11/2021 05:34PM
Metolachlor	<0.1	ug/L	✓		0.1	<0.1	EPA 525.2	DD-NH	01/11/2021 05:34PM
Metribuzin	<0.1	ug/L	✓		0.1	<0.1	EPA 525.2	DD-NH	01/11/2021 05:34PM
Propachlor	<0.1	ug/L	✓		0.1	<0.1	EPA 525.2	DD-NH	01/11/2021 05:34PM
Simazine	<0.1	ug/L	✓		0.1	<0.1	EPA 525.2	DD-NH	01/11/2021 05:34PM
1,3-Dimethyl-2-nitrobenzene	95	%	✓			70-130%	EPA 525.2 - SS	DD-NH	01/11/2021 05:34PM
Perylene-d12	79	%	✓			70-130%	EPA 525.2 - SS	DD-NH	01/11/2021 05:34PM
Pyrene-d10	93	%	✓			70-130%	EPA 525.2 - SS	DD-NH	01/11/2021 05:34PM
Triphenylphosphate	94	%	✓			70-130%	EPA 525.2 - SS	DD-NH	01/11/2021 05:34PM

Rebecca L. Labranche
Laboratory Director



A & L LABORATORY

A DIVISION OF GRANITE STATE ANALYTICAL SERVICES, LLC.

Serial_No:01262119:23

155 Center Street, Building C, Auburn, Maine 04210
Phone (207) 784-5354 website www.allaboratory.com

CERTIFICATE OF ANALYSIS FOR DRINKING WATER

DATE PRINTED: 01/26/2021
CLIENT NAME: Alpha Analytical
CLIENT ADDRESS: 8 Walkup Dr.
 Westborough, MA 01581
SAMPLE ID #: 2101-00794-014
SAMPLED BY:
SAMPLE ADDRESS: ME
MORE LOC INFO: QC Data SOC LRB

Legend	
Passes	✓
Fails EPA Primary	⊗
Fails EPA Secondary	▼
Fails State Guideline	✕
Attention	⚠

DATE AND TIME COLLECTED:
DATE AND TIME RECEIVED: 01/09/2021 07:00AM
ANALYSIS PACKAGE: SOC LRB
RECEIPT TEMPERATURE: ON ICE 3° CELSIUS
CLIENT JOB #: L2101121

Test Description	Result	Test Units	Pass /Fail	DQ Flag	RL	Limit	Method	Analyst	Date - Time Analyzed
3-Hydroxycarbofuran	<1	ug/L	✓		1	<1	EPA 531.1	KV-NH	01/19/2021 12:37AM
Aldicarb	<1	ug/L	✓		1	<1	EPA 531.1	KV-NH	01/19/2021 12:37AM
Aldicarb Sulfone	<1	ug/L	✓		1	<1	EPA 531.1	KV-NH	01/19/2021 12:37AM
Aldicarb Sulfoxide	<1	ug/L	✓		1	<1	EPA 531.1	KV-NH	01/19/2021 12:37AM
Carbaryl	<1	ug/L	✓		1	<1	EPA 531.1	KV-NH	01/19/2021 12:37AM
Carbofuran	<1	ug/L	✓		1	<1	EPA 531.1	KV-NH	01/19/2021 12:37AM
Date Extracted	-					No Limit	EPA 531.1	KV-NH	01/18/2021 04:20PM
Methiocarb	<1	ug/L	✓		1	<1	EPA 531.1	KV-NH	01/19/2021 12:37AM
Methomyl	<1	ug/L	✓		1	<1	EPA 531.1	KV-NH	01/19/2021 12:37AM
Oxamyl (Vydate)	<1	ug/L	✓		1	<1	EPA 531.1	KV-NH	01/19/2021 12:37AM
Propoxur (Baygon)	<1	ug/L	✓		1	<1	EPA 531.1	KV-NH	01/19/2021 12:37AM

Rebecca L. Labranche
Laboratory Director



A & L LABORATORY

A DIVISION OF GRANITE STATE ANALYTICAL SERVICES, LLC.

Serial_No:01262119:23

155 Center Street, Building C, Auburn, Maine 04210
Phone (207) 784-5354 website www.allaboratory.com

CERTIFICATE OF ANALYSIS FOR DRINKING WATER

DATE PRINTED: 01/26/2021
CLIENT NAME: Alpha Analytical
CLIENT ADDRESS: 8 Walkup Dr.
 Westborough, MA 01581
SAMPLE ID #: 2101-00794-015
SAMPLED BY:
SAMPLE ADDRESS: ME
MORE LOC INFO: QC Data SOC ICV

Legend	
Passes	✔
Fails EPA Primary	⊗
Fails EPA Secondary	⚠
Fails State Guideline	✘
Attention	⚠

DATE AND TIME COLLECTED:
DATE AND TIME RECEIVED: 01/09/2021 07:00AM
ANALYSIS PACKAGE: SOC QC
RECEIPT TEMPERATURE: ON ICE 3° CELSIUS
CLIENT JOB #: L2101121

Test Description	Result	Test Units	Pass /Fail	DQ Flag	RL	Limit	Method	Analyst	Date - Time Analyzed
1,2-Dibromo-3-chloropropane (DBCP)	96	%	✔		0	70-130%	EPA 504.1	KV-NH	01/12/2021 03:54PM
Date Extracted	-					No Limit	EPA 504.1	TA-NH	01/12/2021 09:00AM
Ethylene Dibromide (EDB)	100	%	✔		0	70-130%	EPA 504.1	KV-NH	01/12/2021 03:54PM
Chlordane	93	%	✔		0	70-130%	EPA 505	KV-NH	01/12/2021 07:23PM
Date Extracted	-					No Limit	EPA 505	TA-NH	01/12/2021 09:00AM
Toxaphene	106	%	✔		0	70-130%	EPA 505	KV-NH	01/12/2021 07:50PM
2,4,5-TP (Silvex)	91	%	✔		0	70-130%	EPA 515.3	KV-NH	01/14/2021 08:54PM
2,4-D	88	%	✔		0	70-130%	EPA 515.3	KV-NH	01/14/2021 08:54PM
Dalapon	86	%	✔		0	70-130%	EPA 515.3	KV-NH	01/14/2021 08:54PM
Date Extracted	-					No Limit	EPA 515.3	TA-NH	01/14/2021 09:20AM
Dicamba	88	%	✔		0	70-130%	EPA 515.3	KV-NH	01/14/2021 08:54PM
Dinoseb	99	%	✔		0	70-130%	EPA 515.3	KV-NH	01/14/2021 08:54PM
Pentachlorophenol	102	%	✔		0	70-130%	EPA 515.3	KV-NH	01/14/2021 08:54PM
Picloram	85	%	✔		0	70-130%	EPA 515.3	KV-NH	01/14/2021 08:54PM
2,4-Dichlorophenylacetic acid	97	%	✔			70-130%	EPA 515.3 - SS	KV-NH	01/14/2021 08:54PM
Alachlor	103	%	✔		0	70-130%	EPA 525.2	DD-NH	12/01/2020 07:07PM
Aldrin	99	%	✔		0	70-130%	EPA 525.2	DD-NH	12/01/2020 07:07PM
Atrazine	101	%	✔		0	70-130%	EPA 525.2	DD-NH	12/01/2020 07:07PM
Benzo(a)pyrene	95	%	✔		0	70-130%	EPA 525.2	DD-NH	12/01/2020 07:07PM
Butachlor	109	%	✔		0	70-130%	EPA 525.2	DD-NH	12/01/2020 07:07PM
Di(2-ethylhexyl)adipate	105	%	✔		0	70-130%	EPA 525.2	DD-NH	12/01/2020 07:07PM
Di(2-ethylhexyl)phthalate	102	%	✔		0	70-130%	EPA 525.2	DD-NH	12/01/2020 07:07PM
Dieldrin	99	%	✔		0	70-130%	EPA 525.2	DD-NH	12/01/2020 07:07PM

Rebecca L. Labranche
Laboratory Director



A & L LABORATORY

A DIVISION OF GRANITE STATE ANALYTICAL SERVICES, LLC.

Serial_No:01262119:23

155 Center Street, Building C, Auburn, Maine 04210
Phone (207) 784-5354 website www.allaboratory.com

CERTIFICATE OF ANALYSIS FOR DRINKING WATER

DATE PRINTED: 01/26/2021
CLIENT NAME: Alpha Analytical
CLIENT ADDRESS: 8 Walkup Dr.
 Westborough, MA 01581
SAMPLE ID #: 2101-00794-015
SAMPLED BY:
SAMPLE ADDRESS: ME
MORE LOC INFO: QC Data SOC ICV

Legend	
Passes	✔
Fails EPA Primary	⊗
Fails EPA Secondary	⚠
Fails State Guideline	✘
Attention	⚠

DATE AND TIME COLLECTED:
DATE AND TIME RECEIVED: 01/09/2021 07:00AM
ANALYSIS PACKAGE: SOC QC
RECEIPT TEMPERATURE: ON ICE 3° CELSIUS
CLIENT JOB #: L2101121

Test Description	Result	Test Units	Pass /Fail	DQ Flag	RL	Limit	Method	Analyst	Date - Time Analyzed
Endrin	102	%	✔		0	70-130%	EPA 525.2	DD-NH	12/01/2020 07:07PM
Heptachlor	93	%	✔		0	70-130%	EPA 525.2	DD-NH	12/01/2020 07:07PM
Heptachlor Epoxide	104	%	✔		0	70-130%	EPA 525.2	DD-NH	12/01/2020 07:07PM
Hexachlorobenzene	113	%	✔		0	70-130%	EPA 525.2	DD-NH	12/01/2020 07:07PM
Hexachlorocyclopentadiene	82	%	✔		0	70-130%	EPA 525.2	DD-NH	12/01/2020 07:07PM
Lindane	106	%	✔		0	70-130%	EPA 525.2	DD-NH	12/01/2020 07:07PM
Methoxychlor	101	%	✔		0	70-130%	EPA 525.2	DD-NH	12/01/2020 07:07PM
Metolachlor	103	%	✔		0	70-130%	EPA 525.2	DD-NH	12/01/2020 07:07PM
Metribuzin	102	%	✔		0	70-130%	EPA 525.2	DD-NH	12/01/2020 07:07PM
Propachlor	102	%	✔		0	70-130%	EPA 525.2	DD-NH	12/01/2020 07:07PM
Simazine	101	%	✔		0	70-130%	EPA 525.2	DD-NH	12/01/2020 07:07PM
1,3-Dimethyl-2-nitrobenzene	102	%	✔			70-130%	EPA 525.2 - SS	DD-NH	12/01/2020 07:07PM
Perylene-d12	105	%	✔			70-130%	EPA 525.2 - SS	DD-NH	12/01/2020 07:07PM
Pyrene-d10	99	%	✔			70-130%	EPA 525.2 - SS	DD-NH	12/01/2020 07:07PM
Triphenylphosphate	111	%	✔			70-130%	EPA 525.2 - SS	DD-NH	12/01/2020 07:07PM
3-Hydroxycarbofuran	104	%	✔		0	80-120%	EPA 531.1	KV-NH	01/19/2021 01:21AM
Aldicarb	102	%	✔		0	80-120%	EPA 531.1	KV-NH	01/19/2021 01:21AM
Aldicarb Sulfone	94	%	✔		0	80-120%	EPA 531.1	KV-NH	01/19/2021 01:21AM
Aldicarb Sulfoxide	102	%	✔		0	80-120%	EPA 531.1	KV-NH	01/19/2021 01:21AM
Carbaryl	101	%	✔		0	80-120%	EPA 531.1	KV-NH	01/19/2021 01:21AM
Carbofuran	97	%	✔		0	80-120%	EPA 531.1	KV-NH	01/19/2021 01:21AM
Date Extracted	-					No Limit	EPA 531.1	KV-NH	01/18/2021 04:20PM
Methiocarb	103	%	✔		0	80-120%	EPA 531.1	KV-NH	01/19/2021 01:21AM
Methomyl	102	%	✔		0	80-120%	EPA 531.1	KV-NH	01/19/2021 01:21AM

Rebecca L. Labranche
Laboratory Director



A & L LABORATORY

A DIVISION OF GRANITE STATE ANALYTICAL SERVICES, LLC.

Serial_No:01262119:23

155 Center Street, Building C, Auburn, Maine 04210
Phone (207) 784-5354 website www.allaboratory.com

CERTIFICATE OF ANALYSIS FOR DRINKING WATER

DATE PRINTED: 01/26/2021
CLIENT NAME: Alpha Analytical
CLIENT ADDRESS: 8 Walkup Dr.
 Westborough, MA 01581
SAMPLE ID #: 2101-00794-015
SAMPLED BY:
SAMPLE ADDRESS: ME
MORE LOC INFO: QC Data SOC ICV

Legend	
Passes	✓
Fails EPA Primary	⊗
Fails EPA Secondary	▼
Fails State Guideline	✕
Attention	⚠

DATE AND TIME COLLECTED:
DATE AND TIME RECEIVED: 01/09/2021 07:00AM
ANALYSIS PACKAGE: SOC QC
RECEIPT TEMPERATURE: ON ICE 3° CELSIUS
CLIENT JOB #: L2101121

Test Description	Result	Test Units	Pass /Fail	DQ Flag	RL	Limit	Method	Analyst	Date - Time Analyzed
Oxamyl (Vydate)	96	%	✓		0	80-120%	EPA 531.1	KV-NH	01/19/2021 01:21AM
Propoxur (Baygon)	100	%	✓		0	80-120%	EPA 531.1	KV-NH	01/19/2021 01:21AM

Rebecca L. Labranche
Laboratory Director



A & L LABORATORY

A DIVISION OF GRANITE STATE ANALYTICAL SERVICES, LLC.

Serial_No:01262119:23

155 Center Street, Building C, Auburn, Maine 04210
Phone (207) 784-5354 website www.allaboratory.com

CERTIFICATE OF ANALYSIS FOR DRINKING WATER

DATE PRINTED: 01/26/2021
CLIENT NAME: Alpha Analytical
CLIENT ADDRESS: 8 Walkup Dr.
 Westborough, MA 01581
SAMPLE ID #: 2101-00794-016
SAMPLED BY:
SAMPLE ADDRESS: ME
MORE LOC INFO: QC Data SOC CCC

Legend	
Passes	✔
Fails EPA Primary	⊗
Fails EPA Secondary	▼
Fails State Guideline	✕
Attention	⚠

DATE AND TIME COLLECTED:
DATE AND TIME RECEIVED: 01/09/2021 07:00AM
ANALYSIS PACKAGE: SOC QC
RECEIPT TEMPERATURE: ON ICE 3° CELSIUS
CLIENT JOB #: L2101121

Test Description	Result	Test Units	Pass /Fail	DQ Flag	RL	Limit	Method	Analyst	Date - Time Analyzed
1,2-Dibromo-3-chloropropane (DBCP)	103	%	✔		0	70-130%	EPA 504.1	KV-NH	01/12/2021 04:20PM
Date Extracted	-					No Limit	EPA 504.1	TA-NH	01/12/2021 09:00AM
Ethylene Dibromide (EDB)	103	%	✔		0	70-130%	EPA 504.1	KV-NH	01/12/2021 04:20PM
Chlordane	93	%	✔		0	70-130%	EPA 505	KV-NH	01/12/2021 07:23PM
Date Extracted	-					No Limit	EPA 505	TA-NH	01/12/2021 09:00AM
Toxaphene	106	%	✔		0	70-130%	EPA 505	KV-NH	01/12/2021 07:50PM
2,4,5-TP (Silvex)	91	%	✔		0	70-130%	EPA 515.3	KV-NH	01/14/2021 08:54PM
2,4-D	88	%	✔		0	70-130%	EPA 515.3	KV-NH	01/14/2021 08:54PM
Dalapon	86	%	✔		0	70-130%	EPA 515.3	KV-NH	01/14/2021 08:54PM
Date Extracted	-					No Limit	EPA 515.3	TA-NH	01/14/2021 09:20AM
Dicamba	88	%	✔		0	70-130%	EPA 515.3	KV-NH	01/14/2021 08:54PM
Dinoseb	99	%	✔		0	70-130%	EPA 515.3	KV-NH	01/14/2021 08:54PM
Pentachlorophenol	102	%	✔		0	70-130%	EPA 515.3	KV-NH	01/14/2021 08:54PM
Picloram	85	%	✔		0	70-130%	EPA 515.3	KV-NH	01/14/2021 08:54PM
2,4-Dichlorophenylacetic acid	97	%	✔			70-130%	EPA 515.3 - SS	KV-NH	01/14/2021 08:54PM
Alachlor	104	%	✔		0	70-130%	EPA 525.2	DD-NH	01/12/2021 09:50AM
Aldrin	106	%	✔		0	70-130%	EPA 525.2	DD-NH	01/12/2021 09:50AM
Atrazine	99	%	✔		0	70-130%	EPA 525.2	DD-NH	01/12/2021 09:50AM
Benzo(a)pyrene	100	%	✔		0	70-130%	EPA 525.2	DD-NH	01/12/2021 09:50AM
Butachlor	101	%	✔		0	70-130%	EPA 525.2	DD-NH	01/12/2021 09:50AM
Di(2-ethylhexyl)adipate	101	%	✔		0	70-130%	EPA 525.2	DD-NH	01/12/2021 09:50AM
Di(2-ethylhexyl)phthalate	104	%	✔		0	70-130%	EPA 525.2	DD-NH	01/12/2021 09:50AM
Dieldrin	104	%	✔		0	70-130%	EPA 525.2	DD-NH	01/12/2021 09:50AM

Rebecca L. Labranche
Laboratory Director



A & L LABORATORY

A DIVISION OF GRANITE STATE ANALYTICAL SERVICES, LLC.

Serial_No:01262119:23

155 Center Street, Building C, Auburn, Maine 04210
Phone (207) 784-5354 website www.allaboratory.com

CERTIFICATE OF ANALYSIS FOR DRINKING WATER

DATE PRINTED: 01/26/2021
CLIENT NAME: Alpha Analytical
CLIENT ADDRESS: 8 Walkup Dr.
 Westborough, MA 01581
SAMPLE ID #: 2101-00794-016
SAMPLED BY:
SAMPLE ADDRESS: ME
MORE LOC INFO: QC Data SOC CCC

Legend	
Passes	✔
Fails EPA Primary	⊗
Fails EPA Secondary	⚠
Fails State Guideline	✘
Attention	⚠

DATE AND TIME COLLECTED:
DATE AND TIME RECEIVED: 01/09/2021 07:00AM
ANALYSIS PACKAGE: SOC QC
RECEIPT TEMPERATURE: ON ICE 3° CELSIUS
CLIENT JOB #: L2101121

Test Description	Result	Test Units	Pass /Fail	DQ Flag	RL	Limit	Method	Analyst	Date - Time Analyzed
Endrin	104	%	✔		0	70-130%	EPA 525.2	DD-NH	01/12/2021 09:50AM
Heptachlor	103	%	✔		0	70-130%	EPA 525.2	DD-NH	01/12/2021 09:50AM
Heptachlor Epoxide	108	%	✔		0	70-130%	EPA 525.2	DD-NH	01/12/2021 09:50AM
Hexachlorobenzene	106	%	✔		0	70-130%	EPA 525.2	DD-NH	01/12/2021 09:50AM
Hexachlorocyclopentadiene	98	%	✔		0	70-130%	EPA 525.2	DD-NH	01/12/2021 09:50AM
Lindane	104	%	✔		0	70-130%	EPA 525.2	DD-NH	01/12/2021 09:50AM
Methoxychlor	100	%	✔		0	70-130%	EPA 525.2	DD-NH	01/12/2021 09:50AM
Metolachlor	103	%	✔		0	70-130%	EPA 525.2	DD-NH	01/12/2021 09:50AM
Metribuzin	98	%	✔		0	70-130%	EPA 525.2	DD-NH	01/12/2021 09:50AM
Propachlor	96	%	✔		0	70-130%	EPA 525.2	DD-NH	01/12/2021 09:50AM
Simazine	86	%	✔		0	70-130%	EPA 525.2	DD-NH	01/12/2021 09:50AM
1,3-Dimethyl-2-nitrobenzene	103	%	✔			70-130%	EPA 525.2 - SS	DD-NH	01/12/2021 09:50AM
Perylene-d12	105	%	✔			70-130%	EPA 525.2 - SS	DD-NH	01/12/2021 09:50AM
Pyrene-d10	103	%	✔			70-130%	EPA 525.2 - SS	DD-NH	01/12/2021 09:50AM
Triphenylphosphate	114	%	✔			70-130%	EPA 525.2 - SS	DD-NH	01/12/2021 09:50AM
3-Hydroxycarbofuran	104	%	✔		0	80-120%	EPA 531.1	KV-NH	01/19/2021 01:21AM
Aldicarb	102	%	✔		0	80-120%	EPA 531.1	KV-NH	01/19/2021 01:21AM
Aldicarb Sulfone	94	%	✔		0	80-120%	EPA 531.1	KV-NH	01/19/2021 01:21AM
Aldicarb Sulfoxide	102	%	✔		0	80-120%	EPA 531.1	KV-NH	01/19/2021 01:21AM
Carbaryl	101	%	✔		0	80-120%	EPA 531.1	KV-NH	01/19/2021 01:21AM
Carbofuran	97	%	✔		0	80-120%	EPA 531.1	KV-NH	01/19/2021 01:21AM
Date Extracted	-					No Limit	EPA 531.1	KV-NH	01/18/2021 04:20PM
Methiocarb	103	%	✔		0	80-120%	EPA 531.1	KV-NH	01/19/2021 01:21AM
Methomyl	102	%	✔		0	80-120%	EPA 531.1	KV-NH	01/19/2021 01:21AM

Rebecca L. Labranche
Laboratory Director



A & L LABORATORY

A DIVISION OF GRANITE STATE ANALYTICAL SERVICES, LLC.

Serial_No:01262119:23

155 Center Street, Building C, Auburn, Maine 04210
 Phone (207) 784-5354 website www.allaboratory.com

CERTIFICATE OF ANALYSIS FOR DRINKING WATER

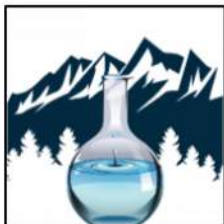
DATE PRINTED: 01/26/2021
CLIENT NAME: Alpha Analytical
CLIENT ADDRESS: 8 Walkup Dr.
 Westborough, MA 01581
SAMPLE ID #: 2101-00794-016
SAMPLED BY:
SAMPLE ADDRESS: ME
MORE LOC INFO: QC Data SOC CCC

Legend	
Passes	✓
Fails EPA Primary	⊗
Fails EPA Secondary	▼
Fails State Guideline	✕
Attention	⚠

DATE AND TIME COLLECTED:
DATE AND TIME RECEIVED: 01/09/2021 07:00AM
ANALYSIS PACKAGE: SOC QC
RECEIPT TEMPERATURE: ON ICE 3° CELSIUS
CLIENT JOB #: L2101121

Test Description	Result	Test Units	Pass /Fail	DQ Flag	RL	Limit	Method	Analyst	Date - Time Analyzed
Oxamyl (Vydate)	96	%	✓		0	80-120%	EPA 531.1	KV-NH	01/19/2021 01:21AM
Propoxur (Baygon)	100	%	✓		0	80-120%	EPA 531.1	KV-NH	01/19/2021 01:21AM

Rebecca L. Labranche
 Laboratory Director



A & L LABORATORY

A DIVISION OF GRANITE STATE ANALYTICAL SERVICES, LLC.

Serial_No:01262119:23

155 Center Street, Building C, Auburn, Maine 04210
Phone (207) 784-5354 website www.allaboratory.com

CERTIFICATE OF ANALYSIS FOR DRINKING WATER

DATE PRINTED: 01/26/2021
CLIENT NAME: Alpha Analytical
CLIENT ADDRESS: 8 Walkup Dr.
Westborough, MA 01581

SAMPLE ID #: 2101-00794-017
SAMPLED BY:

SAMPLE ADDRESS: ME

MORE LOC INFO: QC Data SOC EPA 525 LFB

Legend	
Passes	✓
Fails EPA Primary	⊗
Fails EPA Secondary	⚠
Fails State Guideline	✗
Attention	⚠

DATE AND TIME COLLECTED:
DATE AND TIME RECEIVED: 01/09/2021 07:00AM
ANALYSIS PACKAGE: SOC QC 525
RECEIPT TEMPERATURE: ON ICE 3° CELSIUS
CLIENT JOB #: L2101121

Test Description	Result	Test Units	Pass /Fail	DQ Flag	RL	Limit	Method	Analyst	Date - Time Analyzed
Alachlor	102	%	✓		0	70-130%	EPA 525.2	DD-NH	01/11/2021 06:14PM
Aldrin	101	%	✓		0	70-130%	EPA 525.2	DD-NH	01/11/2021 06:14PM
Atrazine	96	%	✓		0	70-130%	EPA 525.2	DD-NH	01/11/2021 06:14PM
Benzo(a)pyrene	78	%	✓		0	70-130%	EPA 525.2	DD-NH	01/11/2021 06:14PM
Butachlor	105	%	✓		0	70-130%	EPA 525.2	DD-NH	01/11/2021 06:14PM
Date Extracted	-					No Limit	EPA 525.2	TA-NH	01/11/2021 10:30AM
Di(2-ethylhexyl)adipate	99	%	✓		0	70-130%	EPA 525.2	DD-NH	01/11/2021 06:14PM
Di(2-ethylhexyl)phthalate	102	%	✓		0	70-130%	EPA 525.2	DD-NH	01/11/2021 06:14PM
Dieldrin	118	%	✓		0	70-130%	EPA 525.2	DD-NH	01/11/2021 06:14PM
Endrin	123	%	✓		0	70-130%	EPA 525.2	DD-NH	01/11/2021 06:14PM
Heptachlor	98	%	✓		0	70-130%	EPA 525.2	DD-NH	01/11/2021 06:14PM
Heptachlor Epoxide	117	%	✓		0	70-130%	EPA 525.2	DD-NH	01/11/2021 06:14PM
Hexachlorobenzene	79	%	✓		0	70-130%	EPA 525.2	DD-NH	01/11/2021 06:14PM
Hexachlorocyclopentadiene	82	%	✓		0	70-130%	EPA 525.2	DD-NH	01/11/2021 06:14PM
Lindane	115	%	✓		0	70-130%	EPA 525.2	DD-NH	01/11/2021 06:14PM
Methoxychlor	100	%	✓		0	70-130%	EPA 525.2	DD-NH	01/11/2021 06:14PM
Metolachlor	101	%	✓		0	70-130%	EPA 525.2	DD-NH	01/11/2021 06:14PM
Metribuzin	96	%	✓		0	70-130%	EPA 525.2	DD-NH	01/11/2021 06:14PM
Propachlor	100	%	✓		0	70-130%	EPA 525.2	DD-NH	01/11/2021 06:14PM
Simazine	89	%	✓		0	70-130%	EPA 525.2	DD-NH	01/11/2021 06:14PM
1,3-Dimethyl-2-nitrobenzene	94	%	✓			70-130%	EPA 525.2 - SS	DD-NH	01/11/2021 06:14PM
Perylene-d12	91	%	✓			70-130%	EPA 525.2 - SS	DD-NH	01/11/2021 06:14PM
Pyrene-d10	93	%	✓			70-130%	EPA 525.2 - SS	DD-NH	01/11/2021 06:14PM
Triphenylphosphate	103	%	✓			70-130%	EPA 525.2 - SS	DD-NH	01/11/2021 06:14PM

Rebecca L. Labranche
Laboratory Director



FL DOH Certification #E84025
ME Lab ID FL00117

Report Date: January 15, 2021

A & L Laboratory
 155 Center St., Bldg C
 Auburn, ME 04210

Field Custody: Client
 Client/Field ID: 2101-794-4
 Sample Collection: 01-08-21/1345
 Lab ID No: 21.555
 Lab Custody Date: 01-13-21/1025
 Sample Description: DW

CERTIFICATE OF ANALYSIS

Parameter	Units	Results	Analysis Date	Method	Detection Limit
Gross Alpha	pCi/l	1.4 ± 0.9	1-15-21/0801	EPA 900.0	1.4

Alpha Standard: Th-230

Thomas J. Weeks
 Laboratory Manager

Test results meet all requirements of the 2016 TNI standards. Statement of estimated uncertainty available upon request. Test results refer only to sample(s) listed.
 Contact person: Thomas Weeks (813) 229-2879.



woodardcurran.com
COMMITMENT & INTEGRITY DRIVE RESULTS