



STATE OF ALASKA 58394  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF MINING, LAND & WATER  
Alaska Hydrologic Survey

WATER WELL LOG Revised 08/18/2016

Drilling Started: \_\_\_\_/\_\_\_\_/\_\_\_\_ Completed: 10 / 6 / 2017 Pump Install: \_\_\_\_/\_\_\_\_/\_\_\_\_

City/Borough	Subdivision	Block	Lot	Property Owner Name & Address
Matanuska-Susitna Borough	RAK		2	Byman Construction AK,

Well location: Latitude 61.6286964 Longitude -149.140091  
Meridian S Township 018N Range 002E Section 20 SW 1/4 of SW 1/4 of SE 1/4 of SW 1/4

**BOREHOLE DATA:** (from ground surface)

Suggest T.M. Hanna's hydrogeologic classification system\*  
[https://my.ngwa.org/NC\\_Product?id=a185000000BYub3AAD](https://my.ngwa.org/NC_Product?id=a185000000BYub3AAD)

	Depth	
	From	To
Silt and gravel	0	5
Dry gravel	5	33
Rock	33	34
Silt and gravel	34	84
Damp gravel 2 gpm	84	93
Silt	93	97
Hardsilt	97	148
Gravel and silt wet - 10gpm	148	149
Silt and gravel	149	179
Gravel sand wet	179	183
Silt	183	197

Include description or sketch of well location (include road names, buildings, etc.):

Drilling method: ☒ Air rotary, ☐ Cable tool, ☐ Other \_\_\_\_\_  
Well use: ☒ Public supply, ☐ Domestic, ☐ Reinjection, ☐ Hydrofracking  
☐ Commercial, ☐ Observation/Monitoring, ☐ Test/Exploratory, ☐ Cooling,  
☐ Irrigation/Agriculture, ☐ Grounding, ☐ Recharge/Aquifer Storage,  
☐ Heating, ☐ Geothermal Exploration, ☐ Other \_\_\_\_\_

Fluids used: \_\_\_\_\_

Depth of hole: 183 ft Casing stickup: 3 ft

Casing type: A53B Steel Casing thickness: 0.25 inches

Casing diameter: 6 inches Casing depth: 177 ft

Liner type: \_\_\_\_\_ Depth: \_\_\_\_\_ ft Diameter: \_\_\_\_\_ inches

Note: \_\_\_\_\_

Well intake opening type: ☐ Open end, ☐ Open hole, ☒ Other screened

Screen type: Stainless Steel, Screen mesh size: 25

Screen start: 178 ft, Screen stop: 181 ft, Perforated ☐ Yes ☒ No

Perforation description: \_\_\_\_\_ Perf from: \_\_\_\_\_ ft, Perf

to: \_\_\_\_\_ ft, Perf from: \_\_\_\_\_ ft, Perf to: \_\_\_\_\_ ft

Gravel packed ☐ Yes ☒ No Gravel start: \_\_\_\_\_ ft, Gravel stop: \_\_\_\_\_ ft

Note: \_\_\_\_\_

Static water (from top of casing): 106 ft on 10 / 6 / 2017 Artesian well ☐

Pumping level & yield: \_\_\_\_\_ feet after \_\_\_\_\_ hours at \_\_\_\_\_ gpm

Method of testing: \_\_\_\_\_

Development method: air Duration: 3 hours

Recovery rate: 15 gpm

Grout type: \_\_\_\_\_ Volume \_\_\_\_\_

Depth: From \_\_\_\_\_ ft, To \_\_\_\_\_ ft

Final pump intake depth: \_\_\_\_\_ ft Model: \_\_\_\_\_

Pump size: \_\_\_\_\_ hp Brand name: \_\_\_\_\_

Was well disinfected upon completion? ☐ Yes ☒ No

Method of disinfection: \_\_\_\_\_

Was water quality tested? ☐ Yes ☒ No

Water quality parameters tested: \_\_\_\_\_

Well driller name: William Bean

Company name: E AND D WATER WELLS

Mailing address: 3530 W. Spence lane

City: Wasilla State: AK Zip: 99623

Phone number: (907) 373 - 1598

Driller's signature: \_\_\_\_\_

Date: \_\_\_\_/\_\_\_\_/\_\_\_\_

Anchorage Municipal Code 15.55.060(I) and North Pole Ordinance 13.32.030(D) require that a copy of this well log be submitted to the Development Services Department/City within 30 days of well completion.

City Permit Number: \_\_\_\_\_

Date of Issue: \_\_\_\_/\_\_\_\_/\_\_\_\_

Parcel Identification Number: \_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_

AS 41.08.020(b)(4) and AAC 11 AAC 93.140(a) require that a copy of the well log be submitted to the Department of Natural Resources within 45 days of well completion. Well logs may be submitted using the online well log reporting system available at:

<https://dnr.alaska.gov/welts/>

OR email electronic well logs to

[dnr.water.reports@alaska.gov](mailto:dnr.water.reports@alaska.gov)



# E&D Water Wells

3530 West Spence Ln.  
Wasilla, AK 99623  
(907) 373-1598 Fax: (907) 357-1598



Borough <u>MATSU</u>	Subdivision	Lot <u>C29</u>	Block	Section QTRS.	Section <u>20</u>	Township <u>18N</u>	Range <u>2E</u>	Meridian <u>SEWARD</u>
Location / Sketch <u>CLASS A*</u> <u>4302 N. JANA DRIVE</u> <u>WALDORF CHILD CARE</u>				Well Owner <u>KELIA BYNIAH</u> <u>BYNIAH CONSTRUCTION</u>				
Depths Measured From: <input checked="" type="checkbox"/> Casing Top <input type="checkbox"/> Ground Surface				Well Depth:		Date Of Completion		
Borehole Data: Material Type & Color				Depth From To		Depth of Hole: <u>186</u> Ft. Depth of Casing: <u>180</u> Ft.		
<u>grey silt</u>				<u>0</u> <u>3</u>		Depth To Static Water Level: <u>186</u> Ft. Below <input checked="" type="checkbox"/> Top of Casing <input type="checkbox"/> Ground Surface		
<u>silt &amp; Gravel</u>				<u>3</u> <u>8</u>		Date: <u>10/16/17</u>		
<u>Dry Gravel</u>				<u>8</u> <u>36</u>		Method Of Drilling: <input checked="" type="checkbox"/> Air Rotary <input type="checkbox"/> Cable Tool <input type="checkbox"/> Other: _____		
<u>Rock</u>				<u>36</u> <u>37</u>		Use Of Well: <input checked="" type="checkbox"/> Domestic <input type="checkbox"/> Irrigation <input type="checkbox"/> Monitor <input type="checkbox"/> Public Supply <input type="checkbox"/> Other		
<u>Silt &amp; Gravel</u>				<u>37</u> <u>87</u>		Casing Stick-Up: <u>3</u> Ft. Diam: <u>6"</u> In. to _____ Ft. Casing Type: <u>A53B STEEL</u> <u>1025</u> In. to _____ Ft.		
<u>Deep Gravel 2 gpm</u>				<u>87</u> <u>96</u>		Well Intake Opening Type: <input type="checkbox"/> Open End <input checked="" type="checkbox"/> Screened <input type="checkbox"/> Perforated <input type="checkbox"/> Open Hole		
<u>silt</u>				<u>96</u> <u>100</u>		Depths Of Openings: <u>181</u> To: <u>184</u> Ft.		
<u>Hard silt</u>				<u>100</u> <u>151</u>		Screen Type: <u>SLANT</u> Diameter: <u>6"</u> In. _____ Slot/Mesh Size: <u>25</u> Length: <u>10</u> Ft. _____		
<u>10 gpm</u> <u>gravel &amp; silt wet</u>				<u>151</u> <u>152</u>		Gravel Pack Type: <u>NONE</u> Volume Used: _____ Depth to Top: _____		
<u>Silt &amp; Gravel</u>				<u>152</u> <u>182</u>		Grout Type: _____ Volume: _____ Depth: From _____ Ft. to _____ Ft. _____		
<u>Gravel Sand wet</u>				<u>182</u> <u>186</u>		Development Method: <u>Air</u> Duration: <u>3hr</u>		
<u>silt</u>				<u>186</u> <u>200</u>		Pumping Level & Yield: _____ Ft. After _____ Hrs. Pumping <u>15</u> gpm		
						Pump Intake Depth: _____ Ft. Horsepower: _____ Well Disinfected Upon Completion? <input type="checkbox"/> Yes <input type="checkbox"/> No		

## CONTRACTOR INFORMATION:

E&D WATER WELLS, LLC.  
Registered Business Name

Berni Samuels 10-7-17  
Signature of Authorization Representative Date

REMARKS: only exposed 3 ft of

screen because of silt above and  
below the screen.

TO BE TEST PUMPED  
JOB #238166017