23696

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

WATER WELL LOG Revised 08/18/2016

Drilling Started: ___/___/_____ Completed: 6 / 30 / 1978 Pump Install: ___/___/_____

City/Borough	Subdivision	Block	Lot	Property Owner Name & Address
Matanuska-Susitna Borough				MATANUSKA-SUSITNA BOROUGH ,

Well location: Latitude 62.3148301 **Longitude** -150.3180167
Meridian S Township 026N Range 006W Section 25 , SW 1/4 of SW 1/4 of SW 1/4 of NW 1/4

BOREHOLE DATA: (from ground surface)
Suggest T.**M. Hanna's hydrogeologic classification system***
https://my.ngwa.org/NC__Product?id=a185000000BYub3AAD

	Depth From	Depth To

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

North

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: 92 ft Casing stickup: _____ft
Casing type: _____ Casing thickness: _____ inches
Casing diameter: _____ inches Casing depth: 76 ft
Liner type: _____ Depth: _____ ft Diameter: _____inches
Note: CASED TO 76 FT, SCREENED TO 92 FT

Well intake opening type: ☐ Open end, ☐ Open hole, ☒ Other screened
Screen type: _____, Screen mesh size: _____
Screen start: _____ ft, Screen stop:_____ 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): 43 ft on___/___/_____ Artesian well ☐
Pumping level & yield: _____ feet after _____ hours at 100 gpm
Method of testing:_____
Development method:_____ Duration: _____
Recovery rate: _____ 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: .....
Company name: ADA DRILLING .....
Mailing address:.....
City: _____ State: AK Zip: _____
Phone number: (_____) _____- _____
Driller's signature: _____
Date: _____/_____/_____

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

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: _____-_____-_____

*Guide for Using the Hydrogeologic Classification System for Logging Water Well Boreholes by Thomas M. Hanna NGWA Press

23C

23696
LAS 13603
Trapper Cr. School

WELL CONSTRUCTION LOG

Drilling Co. ADA Drilling USGS no.

Driller John Gnagy Type of rig Rotary Air Date well completed 6-30-78

Well owner Matanuska-Susitna Borough Nearest community Trappers Creek

Well location: (address & legal description) Location sketch or remarks

Trappers Creek School

Depth of well 91½ ft. Casing: depth 76½ ft. diam. 6" in.

Static water level 42'9" ft. (above, (below) land surface. Date

Finish of well: (open-end, (screen) perforated, open-hole, other)

Describe intervals and size:

Well yield tested by (pumping, bailing, air) at 176 gal/min.

for 20 hours with 3' ft. of drawdown from static level.

Well Surged 20 hrs. With 80 P.S.I. Air

DRILLER'S MATERIAL LOG

Depth below land surface in feet	Give description of strata penetrated (size of material, color, hardness of drilling, and water content)
0 to 25	Sand & Gravel Medium Large Grey in Color
25 to 50	Sand & Gravel Medium Grey in Color
50 to 53	Sand & Gravel Medium Grey in Color
53 to 58	Blue Clay & Gravel
58 to 72	Hard Pan Dark Grey in Color
72 to 78	Water Sand Small amount of Silt
78 to 92	Water Sand Gravel Medium in Size
to	
to	
to	91½ Feet From Top of Casing To Bottom of Screen
to	76½ Feet From Top of Casing To Bottom of Drive Shoe
to	
to	Screen over Lap 1'4" at "K" Packer
to	
to	
to	
to	
to	
to	
to	
to	
to	

SITE ID

LOCAL NO. SB 26-6-25 BCC