48294

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: 3 / 26 / 2011 Pump Install: ____/____/_____

City/Borough	Subdivision	Block	Lot	Property Owner Name & Address
Kenai Peninsula Borough	NA		NA	Elizabeth McKee 52052 Gary Ct AK, 99635

Well location: Latitude 60.7361336 **Longitude** -151.325943

Meridian S Township 008N Range 012W Section 35 , NE 1/4 of NW 1/4 of SE 1/4 of SE 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
Top soil	0	3
Gravel	3	60
Clay with rock	60	73
Sand with pea gravel	73	153
Brown clay with rock	153	165
Clay with silts and sand	165	255
Cleaner sand	255	265

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: 265 ft Casing stickup: 2.5 ft

Casing type: _____ Casing thickness: _____ inches

Casing diameter: 6 inches Casing depth: _____ ft

Liner type: _____ Depth: _____ ft Diameter: _____ inches

Note: _____

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

Screen type: _____, Screen mesh size: _____

Screen start: 255 ft, Screen stop: 260 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): 180 ft on 5 / 25 / 2011 Artesian well ☐

Pumping level & yield: _____ feet after 1 hours at 20 gpm

Method of testing: _____

Development method: air Duration: 1 hour

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: Jeannette

Company name: NORTHLAND DRILLING

Mailing address: 52086 Bastian Dr

City: Kenai State: AK Zip: 99611

Phone number: (907) 776 - 8443

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