50433

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

WATER WELL LOG Revised 08/18/2016

Drilling Started: 8 / 12 / 2018 Completed: 8 / 14 / 2018 Pump Install: ___/___/_____

City/Borough	Subdivision	Block	Lot	Property Owner Name & Address
Kodiak Island Borough	Russian Hill		8	Charles Madsen 12262 Russian Creek Rd AK, 99615

Well location: Latitude 57.6949158 **Longitude** -152.592987

Meridian S Township 029S Range 021W Section 01 , NW 1/4 of NW 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
Overburden-mud-cobbles	0	12
Bedrock	12	17
Hard shale	17	32
Soft shale composite	32	78
Broken quartz soft shale	78	85
Soft black shale	85	200

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: 200 ft Casing stickup: 2 ft

Casing type: Steel Casing thickness: .25 inches

Casing diameter: 6 inches Casing depth: 20 ft

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

Note: _____

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

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): 15 ft on 8 / 15 / 2018 Artesian well ☐

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

Method of testing: _____

Development method: air lift Duration: _____

Recovery rate: 4 gpm

Grout type: Well Seal Volume _____

Depth: From 0 ft, To 17 ft

Final pump intake depth: _____ ft Model: _____

Pump size: _____ hp Brand name: _____

Was well disinfected upon completion? ☒ Yes ☐ No

Method of disinfection: Chlorine

Was water quality tested? ☐ Yes ☒ No

Water quality parameters tested: _____

Well driller name: Jim Ashford

Company name: MILL BAY DRILLING

Mailing address: P.O. BOX 703

City: KODIAK State: AK Zip: 99615

Phone number: (07) 986 - 5430

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