82897

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

WATER WELL LOG Revised 08/18/2016

Drilling Started: 1 / 31 / 2022 Completed: 1 / 31 / 2022 Pump Install: ___/___/_____

City/Borough	Subdivision	Block	Lot	Property Owner Name & Address
Matanuska-Susitna Borough				Joel Leppala AK,

Well location: Latitude 62.1189766 **Longitude** -150.059052

Meridian S Township 023N Range 004W Section 05 , NW 1/4 of NE 1/4 of NW 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
Stick up	0	2
Gravel	2	10
Gravel,sand	10	20
Gravel,wet	20	25
Hardpan,boulder	25	40
Gravel,water	40	51

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: 51 ft Casing stickup: 2 ft

Casing type: Steel A53B Casing thickness: .25 inches

Casing diameter: _____ inches Casing depth: 50 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): 22 ft on 1 / 31 / 2022 Artesian well ☐

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

Method of testing: Air

Development method: Air Duration: 2 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: Frank Meyer

Company name: Clearwater Wells, LLC

Mailing address: 6830 E Green Glen Dr.

City: Wasilla State: AK Zip: 99654

Phone number: (907) 795 - 2531

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

Well Log

7700 N. Norman Circle
Palmer, AK 99645

Phone: 907-795-2531
E-mail: carin@akclearwaterwells.com
www.alaskaclearwaterwells.com

Date Started: 01/31/22 Date Completed: 01/31/22 Pump Installed: _____ Pump Installation Log Only: ☐

Legal Description: T23N R4W SCT5 Lot B3 Borough: Mat-Su

Site Address: 48786 S Parks Hwy, Montana Crk

Property Owner: Joel Leppala Owner Address: _____

Latitude: 62.118977 Longitude: -150.059052 Meridian: Seward T: _____ R: ____ Section: _____

Borehole Data:
Soil Type, Thickness & Water Strata

	Depth (ft) From	To
Stick up	0	2
Gravel	2	10
Gravel/sand	10	20
Gravel/wet	20	25
Hardpan/boulder	25	40
Gravel/water	40	51

CLEARWATER WELLS - WELL LOG
Driller: Frank Meyer
7700 N. Norman Circle
Palmer, AK 99645
907-795-2531, akclearwaterwells.com

Well Pump Installation:
Pump Intake Depth Set: _____ feet Size: _____ hp
Brand: _____ Model: _____

Method of Drilling ☑ air rotary ☐ cable tool

Casing type: Steel A53B Well Depth: 51 feet
Wall Thickness: .25
Diameter: 6 inches Casing Depth: 50 feet
Liner Type: _____
Diameter: _____ inches Depth: _____ feet
Casing stickup above ground: 2 feet

Static water level (from top of casing): 22 feet
Pumping level: _____ feet after ☐ Artesian Well
2 hours pumping 15 gpm
Recovery Rate: 15 gpm
Method of Testing: Air

Well Intake Opening Type:
☐ Open End ☑ Open Hole
☐ Screened Start 50 feet Stopped 51 feet
Type: _____

☐ Perforated Start _____ feet Stopped _____ feet
Type: _____
Gravel Packed: ☐ Yes ☐ No

Grout Type: _____ Volume: _____
Depth: _____ Start _____ feet Stopped _____ feet

Well Disinfected Upon Completion? ☐ Yes ☐ No
Method of Disinfection: _____

Comments: Marooka tracked rig.

Driller/Installer: Frank Meyer

Signed: Date: 02/02/22