81636

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

WATER WELL LOG Revised 08/18/2016

Drilling Started: 10 / 15 / 2021 Completed: 10 / 15 / 2021 Pump Install: ___/___/_____

City/Borough	Subdivision	Block	Lot	Property Owner Name & Address
Matanuska-Susitna Borough	POTTER PL ADD #1	14	3	Jim And Jean Greco AK,

Well location: Latitude 61.5634117 **Longitude** -149.674606

Meridian S Township 017N Range 002W Section 17 , NE 1/4 of NW 1/4 of NW 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
Stick up	0	3
Silty Gravel	3	24
Silty Grave and cobbles	24	62
Clayey gravel and cobbles	62	70
Reddish gravel and water	70	85
Clay	85	90
Water gravel	90	101

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: 101 ft Casing stickup: 3 ft

Casing type: Steel Casing thickness: .25 inches

Casing diameter: _____ inches Casing depth: 101 ft

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

Note: _____

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

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 10 / 15 / 2021 Artesian well ☐

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

Method of testing: _____

Development method: _____ Duration: _____

Recovery rate: 50 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: Chlorine Tabs

Was water quality tested? ☐ Yes ☒ No

Water quality parameters tested: _____

Well driller name: Lisa Humphreys

Company name: Ace Water Wells

Mailing address: P O Box 520090

City: Big Lake State: AK Zip: 99652

Phone number: (907) 376 - 7987

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

ACE WATER WELL DRILLING

A subsidiary of ACE Ventures, Inc.

P.O. Box 520090
1167 N. Knapp Dr
Big Lake, Ak. 99652

(907) 357-7987 fax (907) 376-7987 (907) 354-1398 cell

Well Owner **Jean Greco** Use of Well: **Domestic**

Location: **Lot 3 Block 14 Potter Place Addn aka 1900 S. Leora Dr**

Date of Completion: **10/15/2021** Job # **21-47** Drilling Method: **Air Rotary**

Size of Casing: **6"** Depth of hole: **101 feet** Cased to: **101 feet**

Static Water Level: **43 feet** below top of casing.

Finish of Well (X) Open End ( ) Grout/Seal ( ) Screen/Liner ( ) Perforated

Describe screen, seal, or perforation: **None**

Well Pumping Test at **50** Gallons per ( ) hour (**X**) minute.

Suggested Pump setting depth: **90 feet from top of casing.**

Method of disinfection: **Chlorine tablets**

Depth in feet from casing top	Details of Formations/size/color/ etc
0 to 3 feet	Stick up
3 to 24 feet	Silty gravel
24 to 62 feet	Silty gravel & Cobbles
62 to 70 feet	Clayey gravel and cobbles
70 to 85 feet	Reddish gravel and Water
84 to 90 feet	Clay
90 to 101 feet	Water gravel

Driller Signature _____ Date: 10-17-2021