



STATE OF ALASKA 76894
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF MINING, LAND & WATER
Alaska Hydrologic Survey

WATER WELL LOG Revised 08/18/2016

Drilling Started: ____ / ____ / ____ Completed: 8 / 25 / 2020 Pump Install: ____ / ____ / ____

City/Borough	Subdivision	Block	Lot	Property Owner Name & Address
Matanuska-Susitna Borough	SUNNYSIDE		1	Choice Homes AK,

Well location: Latitude 61.6338844 Longitude -149.427628
Meridian S Township 018N Range 001W Section 22 SW 1/4 of NW 1/4 of NE 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	To
Silty sand gravel and cobbles	0	30
Silty clayey gravel	30	36
Sandstone bedrock	36	68
Coal	68	71
Bedrock	71	113
Coal	113	116
Bedrock	116	168
Fractured bedrock and water	168	173
Bedrock	173	183

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

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: 183 ft Casing stickup: 2 ft

Casing type: _____ Casing thickness: _____ inches

Casing diameter: 6 inches Casing depth: 38 ft

Liner type: PVC Depth: 183 ft Diameter: _____ inches

Note: _____

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): 20 ft on ____ / ____ / ____ Artesian well ☐

Pumping level & yield: _____ feet after _____ hours at 8 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: Chlorine tablets

Was water quality tested? ☐ Yes ☒ No

Water quality parameters tested: _____

Well driller name: _____

Company name: ACE WATER WELL DRILLING

Mailing address: _____

City: _____ State: AK Zip: _____

Phone number: (_____) _____ - _____

Driller's signature: _____

Date: ____ / ____ / ____

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: _____ - _____ - _____

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

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 **Choice Homes**

Use of Well: **Domestic**

Location: **Lot 1 Sunnyside**

Date of Completion: **08/25/2020**

Job # **20- 35**

Drilling Method: **Air Rotary**

Size of Casing: **6"**

Depth of hole: **185**

feet

Cased to: **40 feet**

Static Water Level: **20 feet** below top of casing.

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

Describe screen, seal, or perforation: **PVC Liner set from 40 to 185 feet**

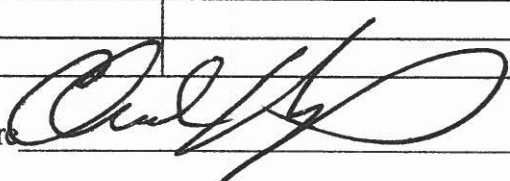
Well Pumping Test at **8** Gallons per () hour (X) minute.

Suggested Pump setting depth: **165 feet from top of casing.**

Method of disinfection: **Chlorine tablets**

Depth in feet from casing top	Details of Formations/size/color/ etc
0 to 2 feet	Stick up
2 to 32 feet	Silty sandy gravel and cobbles
32 to 38 feet	Silty Clayey Gravel
38 to 70 feet	Sandstone bedrock
70 to 73 feet	Coal
73 to 115 feet	Bedrock
115 to 118 feet	Coal
118 to 170 feet	Bedrock
170 to 175 feet	Fracted bedrock and water
175 to 185 feet	Bedrock

Driller Signature



Date: 8/28/2020