10071

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: 10 / 14 / 1984 Pump Install: ____/____/_____

City/Borough	Subdivision	Block	Lot	Property Owner Name & Address
Fairbanks North Star Borough				FAIRBANKS NORTH STAR BOROUGH - PEGER RD TREATMENT PLANT ,

Well location: Latitude _____ **Longitude** _____

Meridian F Township 001S Range 001W Section 28 , NW 1/4 of NW 1/4 of _____ 1/4 of _____ 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

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

North

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

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: 130 ft Casing stickup: _____ft

Casing type: _____ Casing thickness: _____ inches

Casing diameter: _____ inches Casing depth: _____ ft

Liner type: _____ Depth: _____ ft Diameter: _____inches

Note: _____

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

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): _____ ft on____/____/_____ Artesian well ☐

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

Was water quality tested? ☐ Yes ☒ No

Water quality parameters tested: _____

Well driller name: .....

Company name: WESTERN STATES ASSOCIATION.....

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: _____-_____-_____

*Guide for Using the Hydrogeologic Classification System for Logging Water Well Boreholes by Thomas M. Hanna NGWA Press

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ADL WM file LAS 225

NW1/4 NW1/4 sec. 28, T.15, R.1W, F.M.

WATER WELL RECORD
STATE OF ALASKA
DEPARTMENT OF NATURAL RESOURES
Division of Geological & Geophysical Surveys

WELL #2

Drilling Permit No.
A.D.L. No.

LOCATION OF WELL (Please complete either 1a, 1b or 1c.)

1a. Borough	Subdivision	Lot	Block	1b. 1/4 qtrs	Section No.	Township N/S	Range E/W	Meridian
N. STAR				of of of				

1c. DISTANCE AND DIRECTION FROM ROAD INTERSECTIONS
WASTEWATER TREATMENT PLANT
PIEGER ROAD SO.
Street Address and Area of Well Location

3. OWNER OF WELL:
CITY OF FAIRBANKS
Address:
FAIRBANKS, ALASKA

2. WELL LOG

Material Type	Feet Below Surface Top	Bottom
Sandy, Silty Gravel	0'	6'
Surface Water	6'	11'
Permafrost, Sandy, Silty Gravel (medium size)	11'	112'
Sandy Gravel (medium) & Water (heaving)	112'	130'

4. WELL DEPTH: (final) 130 ft.

5. DATE OF COMPLETION 10 - 14 - 84

6. ☐ Cable tool ☒ Rotary ☐ Driven ☐ Dug ☐ Auger ☐ Jetted ☐ Bored ☐ Other:

7. USE: ☐ Domestic ☐ Public Supply ☐ Industry ☐ Irrigation ☐ Recharge ☒ Commerical ☐ Test Well ☐ Other:

8. CASING: ☐ Threaded ☒ Welded
diam. 10 in. to 115 ft. Depth Weight 32.75 lbs./ft.
diam. ____ in. to ____ ft. Depth Stickup ____ ft.

9. FINISH OF WELL:
Type: Screen 10" Diameter: 10" Telescoping
Slot/Mesh Size: 0.250 Length:
Set between 115 ft. and 130 ft.
Backfilling ____ Gravel pack X

10. STATIC WATER LEVEL: 8 ft. 10/14/84 Date
☐ Above or ☒ Below land surface
Equipment used: Well Sounder

11. PUMPING LEVEL below land surface and YIELD
24' 5" ft. after 24 hrs. pumping 400 g.p.m.
____ ft after ____ hrs. pumping ____ g.p.m.

12. GROUTING Well Grouted: ☐ Yes ☐ No
Material: ☒ Neat Cement ☐ Other:

13. PUMP: (if available) HP 10
Length of Drop Pipe 88' ft capacity 330 g.p.m.
☒ Subm. ☐ Jet ☐ Centrifical ☐ Other

14. REMARKS:

15. Water Temperature ____ ° ☐ F ☐ C

16. WATER WELL CONTRACTOR'S CERTIFICATION:

This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief;

WESTERN STATES ASSOC INC.
Registered Business Name

AA1787
Contract License Number

Address: 633 E. 81st Avenue Anch. Ak 99502

Signed: Jeff Hilliker
Authorized Representative

Date: 10-22-84

Form 02-WWR (11/81) Copy Distribution: WHITE - State DGGS, PINK - Driller, CANARY - Customer

USGS Local No. FC 1-1-28 BB