

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



550 w 7th Ave., Suite 1020
Anchorage, AK 99501-3562
dnr.water.reports@alaska.gov



555 Cordova Street
Anchorage, AK 99501
dec.eh.drinkingwater.reports@alaska.gov

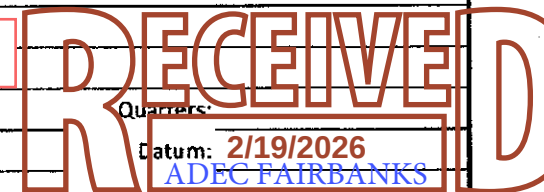
Of
Alaska



Well Record of Decommissioning (version 2021)

This form is intended to convey information regarding the decommissioning of a water well as required by both DEC and DNR. Add additional datasheets (e.g., site schematic and photos) as necessary.

Well Decommissioner or Contractor		Well and Owner Details *	
Name: <u>Delta Drilling Ltd</u>	Owner's name and address: <u>Subway Station 49</u>		
Company: <u>Delta Drilling</u>	Well location - Street & number: <u>1631 Richardson Hwy - Delta Junction, AK</u>		
Address: <u>P.O. 748 Delta Junction, Alaska</u>	Well location - Subdivision, Lot & Block: <u>USS2774 lot 2</u>		
(continued): <u>SA737</u>	Meridian: _____ Township: _____ Range: _____ Section: _____		
Phone: <u>907-740-4446</u>	GPS to 5 places: Latitude: _____ Longitude: _____		
Email: <u>Craig.Henninger@deltaalaska.com</u>	Well Name or AK WELTS Number: <u>372164 WL001</u>		



Please check all boxes that apply and provide all requested information. Do not check boxes that do not apply.

Details of Former Well		Former Well Description (Not required if original well log attached)									
Public water system? (See note **) ☒ No: _____	Original Driller's Name: _____	Well depth (ft bls): _____			Date of completion: _____						
If so, PWSID number: <u>372164</u>	Well Type	Drilled ☒ No: _____	Finish Cased ☒ No: _____		SWL (ft bls): _____		Flowing artesian Yes: _____ No: _____		N/A Unknown		
Single Family Domestic Yes: _____ No: _____	Driven Yes: _____ No: _____	Capped Yes: _____ No: _____		Bedrock (ft bls): _____		Flood prone site Yes: _____ No: _____		N/A Unknown			
Commercial/ Fishery Yes: _____ No: _____	Jetted Yes: _____ No: _____	Screened Yes: _____ No: _____		Casing type: <u>steel</u>		Well condition Good: ☒ Poor: _____		N/A Unknown			
Irrigation/Agricultural Yes: _____ No: _____	Dug Yes: _____ No: _____	Perforated ☒ No: _____		Diameter (inches): <u>6</u>		Grouted Yes: _____ No: _____		N/A Unknown			
Heating / Cooling Yes: _____ No: _____	Unknown Yes: _____ No: _____	Well liner present Yes: _____ No: _____		Stickup (ft): <u>7</u>		Well house Yes: _____ No: _____		N/A Unknown			

** Public Water System decommissioning may require additional documentation, please contact DEC in this regard.

Decommissioning notes:		Reason for well decommissioning:		Decommissioning process					
Include notes regarding any deviations from state approved methods of decommissioning as described in 18 AAC 80.015e. http://dec.alaska.gov/eh/dw/regulations/		1950 well sited off unrepairable		Casing cut below grade Yes: ☒ No: _____		Well disinfected prior to decommissioning Yes: _____ No: ☒		N/A Unknown	
AWWA A100 Method Yes: _____ No: _____		Excavation and Fill Details		Casing fully removed Yes: ☒ No: _____		Plumbing removed from casing ☒ No: _____		N/A Unknown	
Alaska BMPs Method Yes: _____ No: _____		Placement method <u>pour</u>		Casing filled with bentonite ☒ No: _____		Liner (if any) removed Yes: _____ No: _____		N/A Unknown	
Order Method (describe below) ☒ No: _____		Excavation Depth (ft) _____		Casing welded closed ☒ No: _____		Electric wiring removed from site ☒ No: _____		N/A Unknown	
Filled from bottom to top of casing as per Tier specified		Type of fill used <u>Bentonite 3/4</u>		Borehole refilled Yes: _____ No: _____		Attached an original well log Yes: _____ No: _____		N/A Unknown	
		Volume of fill (cu ft) <u>52 +/-</u>		Screen filled with gravel Yes: _____ No: _____		Well log listed at DNR Yes: _____ No: _____		N/A Unknown	
		# Bags of bentonite in casing <u>66 bags</u>		Perforations filled with gravel Yes: _____ No: _____		Local authorities notified Yes: _____ No: _____		N/A Unknown	
				Excavated pit refilled Yes: _____ No: _____		DEC notified of decommissioning ☒ No: _____		N/A Unknown	
				Pit area mounded Yes: _____ No: _____		DNR notified of decommissioning Yes: _____ No: _____		N/A Unknown	

*** Signatures required

Owner***: _____	Decommissioner / Contractor***: <u>C.H.</u>
Date: _____	Date: <u>2/19/25</u>

- 1) Submit this form to DNR and DEC (see contact info at top of form) within 45 days of decommissioning, as per 11 AAC 93.140 and 18 AAC 80.015.
- 2) Attach an original water well log. If not available, a blank water well log form is available at <http://dnr.alaska.gov/mw/forms/waterother> if well details are known.
- 3) Attach maintenance or water usage records and provide an adequate locational description, including maps or sketches. Use additional pages as needed.
- 4) This form is under development and is subject to change. Please submit suggestions for changes or improvements to the addresses listed above.

Please attach schematics and photos to further document the information provided on this form. This is particularly important for public water system wells and also any other wells that might impact the public water system.

WL002



RECEIVED
09/03/2025
ADEC FAIRBANKS

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

WATER WELL LOG Revised 08/18/2016

Drilling Started: June 22, 25 Completed: June 25, 25 Pump Install: 6/6/25

City/Borough	Subdivision	Block	Lot	Property Owner Name & Address
Delta Junction	Subway			Station 49 Subway
South East Fairbanks	Station 49			

Well location: Latitude _____ Longitude _____
Meridian _____ Township _____ Range _____ Section _____ 1/4 of _____ 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	To
12 inch conductor	0	25
Stick up	0	2
gravel	2	20
Large rocks gravel	20	40
Silty gravel	40	60
Silty clay	60	90
Hard peck gravel	90	100
Silty gravel	100	120
Silt	120	140
Silty Sludge	140	160
Concrete gravel sand	160	180
Big rocks and gravel house	180	200
pen gravel	200	220

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: 220 ft Casing stickup: 2 ft
Casing type: steel Casing thickness: .250 inches
Casing diameter: 6.6 inches Casing depth: 219 ft
Liner type: _____ Depth: _____ ft Diameter: _____ inches

Note: _____
Well intake opening type: ☒ Open end, ☐ Open hole, ☐ Other _____
Screen type: 1/2 inch, Screen mesh size: _____
Screen start: _____ ft, Screen stop: _____ ft, Perforated ☐ Yes ☐ No
Perforation description: slotted Perf from: 210 ft, Perf to: 219 ft, Perf from: _____ ft, Perf to: _____ ft
Gravel packed ☐ Yes ☒ No Gravel start: _____ ft, Gravel stop: _____ ft
Note: _____

Static water (from top of casing): 95 ft on 1/1/ Artesian well ☐
Pumping level & yield: 217 feet after 5 hours at 55+ gpm
Method of testing: flow test
Development method: air surge Duration: 6.5 Hrs
Recovery rate: 55+ gpm
Grout type: 3/4 Bentonite Volume 55 - 55 lb Bags
Depth: From surface ft, To 25 ft PUS spout

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

- Drilled 25 foot 12 inch casing then drilled well with 6 inch casing. Kept anulist Between 12 and 6 inch casing full whole time drilling. when drilling complet removed 12 inch casing.

Final pump intake depth: 210 ft Model: 1hp SS Franklin triple seal
Pump size: 1hp hp Brand name: Franklin 3200

Was well disinfected upon completion? ☐ Yes ☐ No
Method of disinfection: _____

Was water quality tested? ☐ Yes ☐ No
Water quality parameters tested: _____

Well driller name: Craig Wenzel
Company name: Delta Drilling
Mailing address: P.O. Box 7409 Delta AK
City: Delta AK State: AK Zip: 99737
Phone number: (907) 742-4946

Driller's signature: Wenzel
Date: 6/6/25

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: 6/6/25

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/wells/>

OR email electronic well logs to

dnr.water.reports@alaska.gov



Department of Environmental Conservation
Division of Environmental Health
Drinking Water Program
555 Cordova Street
Anchorage, AK 99501
Phone: (907) 269-7549



ALASKA PUBLIC WATER SYSTEM LOCATIONAL DATA COLLECTION FORM

Public Water System Name: <u>Station 49</u>	PWS ID#: <u>372164</u>
Name of Person Determining Lat/Long: <u>Whitney Cosgrove</u>	Phone: <u>907 895 1010</u>
Name of Person Completing Form: <u>Whitney Cosgrove</u>	Phone: _____
Local Facility Name: <u>Station 49</u>	Date Collected: <u>8/29/25</u>
	Date Completed: <u>8/29/25</u>
1) Facility Type. (Check one) Sources: ☒ Wellhead ☐ Surface Water Intake ☐ Treatment Plant	
2) The date the latitude and longitude were researched or collected. Example: 06/30/2007 0 8 1 2 9 1 2 0 2 5	
3) Latitude in decimal degrees. Must be recorded in WGS 84. For Alaska, latitudes are between 51 and 80 North. Give data to available accuracy. Example: +56.234230 + 6 4 . 0 4 1 8 4 5	
4) Longitude in decimal degrees. Must be recorded in WGS 84. For Alaska, longitudes are generally -126 to -180 West. The minus sign means "West." Use + for "East." Example: -136.23423 - 1 4 5 . 7 3 7 9 5	
5) Are the latitude/longitude coordinates taken at the Wellhead /Intake? ☒ Yes ☐ No If No, describe the proximity to the wellhead/intake (for example, 30 feet NW of the wellhead or intake)	
6) Type of GPS Unit used to determine latitude and longitude. (Describe unit and model number) <u>Google maps</u>	
7.) Lat/long accuracy in meters. GPS accuracy is typically encoded in the unit's display. The datum used must be in WGS 84. Example: 30. (meters) . Meters	
8.) Site map or aerial image identifying the location of the facility <u>must be provided</u> to assist DEC Staff verify the lat/long location in the State geospatial database. (As-build, Google Maps, Google Earth, MSN Live Earth, Yahoo Maps are all acceptable.) ☒ Yes a map with approximate location has been provided.	

STATION 49 - DELTA JUNCTION

WATER SYSTEM



LOCATION MAP

SCALE: 1 INCH = 1,000 FEET

DESCRIPTION	SHEET
TITLE SHEET	1
NOTES AND LEGENDS	2
SITE PLAN	3
DISTRIBUTION	4
WELL DETAILS	5

OWNER: GAYLE LARSON
E&G PROPERTIES, LLC
P.O. BOX 829
DELTA JUNCTION, AK 99737

OPERATOR: IGA FOOD CACHE
266 RICHARDSON HIGHWAY
DELTA JUNCTION, AK 99737
(907) 895-4653

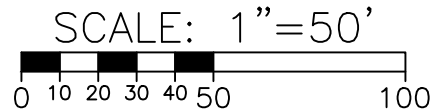
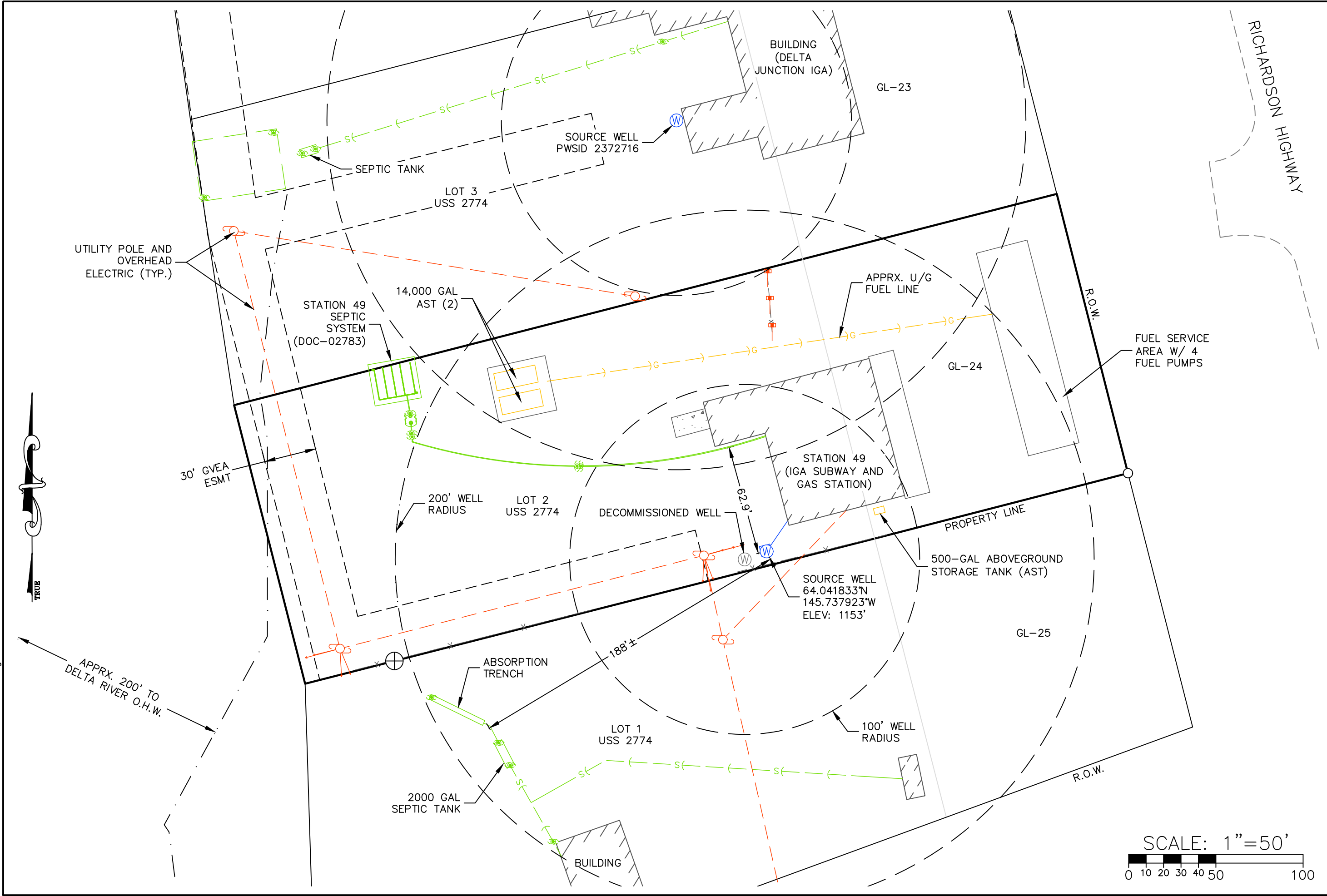
CIVIL 3-TIER ALASKA
ENGINEERING 326 DRIVEWAY STREET
AND SURVEYING: FAIRBANKS, AK 99701
(907) 451-7411



2/19/26

REVISIONS:	
DRAWN:	NKK
CHECKED:	NGR
SCALE:	-
DATE OF DRAWING:	01/05/2026
PROJECT NAME:	PWSID 372164 STATION 49 - DELTA JUNCTION
SHEET TITLE:	TITLE SHEET
SHEET:	1
	SHEET: 1 OF 5
	 3-TIER ALASKA CIVIL • ENVIRONMENTAL • SURVEYING 326 DRIVEWAY STREET, FAIRBANKS, AK 907-451-7411 / 907-522-4337 / COA132687

23-1437 Record-Site Plan_12-31-2025.dwg



REVISIONS:

DRAWN:

NKK

CHECKED:

NGR

SCALE:

1" = 50'

DATE OF DRAWING:

01/06/2025

PROJECT NAME:

PWSID 372164
STATION 49 -
DELTA JUNCTION

SHEET TITLE:

SITE PLAN

SHEET:

3

SHEET: 3 OF 5



RECORDING DRAWING







Welding old well shut





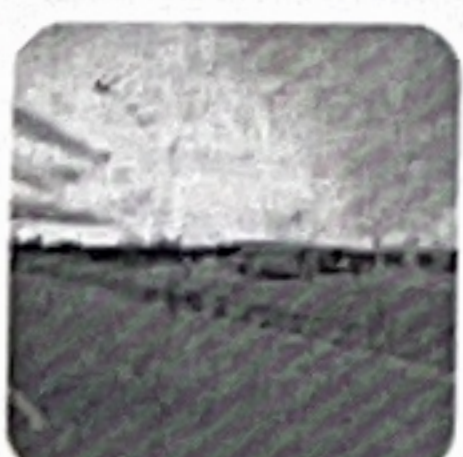
Imagery ©2025 Airbus, Map data ©2025 20 ft

Recents ⓘ

Last 3 days (2)

- 

266 Richardson Hwy
Building

☐
- 

1631 Richardson Hwy
Delta Junction, AK

☐