



Department of Environmental Conservation  
 Division of Environmental Health  
 Drinking Water and Wastewater Program  
 555 Cordova St., Anchorage, AK 99501  
 Phone: (907) 269-7623



# Alaska Public Water Systems Latitude/Longitude Data

Public Water System Name:	PWS ID #:
Name Of Person Determining Lat/Long:	Phone:
Water Source Name:	Date:

1) **Facility Type.** (Check one)

Well  Intake of Surface Water or Spring Source  Admin. Building (Use for haulers of purchased water **only**)

2) **The date the latitude and longitude were researched or collected.** Example: 06/30/1999

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3) **Latitude in decimal degrees.** For Alaska, latitudes are between 51 and 80 North. Give data to available accuracy. Example: +56.234230

+   .

4) **Any Comments on Latitude/Longitude. (Optional)**

5) **Longitude in decimal degrees.** For Alaska, longitudes are generally -126 to -180 West. The minus sign means "West." Use + for "East." Example: -136.23423

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6) **Method Of Determining Latitude & Longitude.** (Check one)

GPS  Map (Interpolation from a Topographical map)   
 Go to question #7  Go to question #8

7) **Lat/Long Accuracy In Meters.** GPS accuracy is typically encoded in the unit's display. Estimated accuracy is acceptable. The assumed datum is WGS 84. If another datum is used, please specify. Example: 30. (meters)

. Meters

8) **Scale Of Topographical Map Used.** (Pick one from scales below)

**If GPS Used**

**U:** Scale Not Applicable To GPS

**Ranges for Map Scale**

- 1:  $\geq 1:500$
- 2: 1:501 - 1:5,000
- 3: 1:5,001 - 1:10,000
- 4: 1:10,001 - 1:15,000
- 5: 1:15,001 - 1:20,000
- 6: 1:20,001 - 1:25,000
- 7: 1:25,001 - 1:50,000
- 8: 1:50,001 - 1:100,000
- 9:  $> 1:100,000$

**Discrete Map Scales**

- A:** 1:10,000
- B:** 1:12,000
- C:** 1:15,840
- D:** 1:20,000
- E:** 1:24,000
- F:** 1:25,000
- G:** 1:50,000
- H:** 1:62,500
- I:** 1:63,360
- J:** 1:100,000
- K:** 1:125,000
- L:** 1:250,000
- M:** 1:500,000

**Providing Information Below Is Optional**

9) **Vertical Measure In Meters.** The vertical component of measured point, in meters.  
**If no vertical component,** leave blank. If you answer question 9, answer 10,11,& 12 also.

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10) **Vertical Measure Method Of Collection**

GPS  Topographic Map Interpolation  Other  Unspecified

11) **Accuracy Of Vertical Measure In Meters. (+/-)**

• Meters

12) **Reference Datum For Vertical Measure.** (Pick one)

- 1: NAVD88: North American Vertical Datum of 1988
  - 2: NGVD29: National Geodetic Vertical Datum of 1929
  - 3: Elevation from Mean Sea Level
  - U: Unkown
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**DEC Will Complete The Following Information**

13) **Information Source For Latitude/Longitude.** (Check one box)

The State of Alaska  Regulated Entity (Health Corp, Community, etc.)  Contractor (San Surveyors, inspector, etc)  Other  Unknown

14) **Latitude/Longitude Verification Code.** Indicates whether the latitude and longitude have been verified by EPA staff, grantees or contractors, and the process for verification. (Check one box)

Verified Relative To Map Features (1:100k Or Tiger)  Ground Truth Conducted  Not Verified

Verified Relative To Map Features (1:24K)  Verified, Unknown Method  Verified Relative To Map Features (Other)