

HORIZONTAL CONTROL DATA

State Plane in International Feet, Elevations in U.S. Survey Feet
Retrieval Date and Time: 08/19/1999 08:26:50

Station Number: 124
Station Name: LAKE
Section: 4 Township: 24S Range: 9W
1/4 Section: SW County: DOUGLAS
Date Set: 06/03/1999 State: OR
Firm: David Evans and Associates, Inc.

GEODETTIC DATUM: NAD 83/91
LAT.: 43°30' 28.01863" N
LONG: 123°46' 09.06503" W
SPCS DATUM: ORS3602
Northing: 687914.265+/-0.036
Easting: 4054211.059+/-0.026

Addr: 2828 S.W. Corbett
Portland, Oregon 97201-4830
(503) 223-6663

VERTICAL DATUM: NAVD88
GEOID MODEL:GEO96NW
Orthometric Elev.: 783.515
+/-0.079
Ellipsoidal Elev.: 706.412
Separation: -77.103
Convergence: -2°14'11.77478"
Scale Factor: 0.99991210

GPS: YES Type:
Group: C Order: 1
PPM: 10

Statement per ORS 209.250(6)(g)
Survey was done for Bonneville Power for a proposed line. Equipment used includes Kern tripods, Trimble 4000ssi's 4800's, GPSurvey and Geolab2. Horizontal controls are PID's PC0964, AA5135, QE2665, OA0733, AA5127, PC1116, AA5126, PC1117, vertical controls are PID's AA5127, OA0733, OA0660, OA0616, PC0512, PC0419, PC0689, PC0738, PC0591 and OSHD Benchmarks Y596, M675, J675.

Directions to the Monument:
STATION IS LOCATED 5.6 MILES SOUTHSOUTHEAST OF THE SOUTHMOST TIP OF LOON LAKE AND 0.2 MILES SOUTHEASTERLY OF LAKE CREEK. STATION WAS REACHED BY HELICOPTER BUT COULD BE DRIVEN TO. STATION IS LOCATED IN LARGE TURNOUT, 40' WEST OF GRAVEL ROAD, ON A RIDGE BETWEEN TWO TRIBUTARIES OF LAKE CREEK.

Monument Type: 3 1/4 inch Aluminum BPA cap on Aluminum rod
Stamping: LAKE 1999
Description of the Monument:

STATION IS A STANDARD BPA ALUMINUM CAP MOUNTED ON A ROD DRIVEN TO REFUSAL AND SET IN CONCRETE, 5 INCHES ABOVE THE GROUND STATION IS LOCATED IN A LANDING PROTRUDING NORTHWESTERLY FROM ROAD. LAKE CREEK BEARS NORTH AND LAKE CREEK TRIBUTARIES BEAR EAST AND WEST.



6-30-2001
SURVEYOR'S STAMP

1 meter = 3.28083333... U.S. Feet = 39.37 inches exactly
1 meter = 3.280839895 Intl. Feet or 1 inch = 2.54 cm. exactly
To calculate Elevation Factor (in the North American Continent)
Divide 20,906,000 by 20,906,000 + Ellipsoid Elevation in feet.