

FILED JUL 5 2000

HORIZONTAL CONTROL DATA

State Plane in International Feet, Elevations in U.S. Survey Feet
Retrieval Date and Time: 08/19/1999 08:26:46

Station Number: 111
Station Name: TERRI
Section: 6 Township: 21S Range: 4W
1/4 Section: NW County: DOUGLAS
Date Set: 06/09/1999 State: OR
Firm: David Evans and Associates, Inc.

GEODETTIC DATUM: NAD 83/91
LAT.: 43°46' 35.39703" N
LONG: 123°13' 35.99880" W
SPCS DATUM: ORS3602
Northing: 780656.616+/-0.013
Easting: 4201229.498+/-0.010

Addr: 2828 S.W. Corbett

Portland, Oregon 97201-4830
(503) 223-6663

VERTICAL DATUM: NAVD88
GEOID MODEL: GEO96NW
Orthometric Elev.: 1102.491
+/-0.033
Ellipsoidal Elev.: 1027.359
Separation: -75.132
Convergence: -1°51'55.58967"
Scale Factor: 0.99995088

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:
TO REACH FROM CURTAIN, OREGON AT INTERSECTION OF HIGHWAY 99 AND TERRITORIAL HIGHWAY, GO NORTH ON TERRITORIAL HIGHWAY 6 MILES TO A ROAD ON LEFT (WEST) THAT ACCESSES CLEAR CUT AREA. THIS ROAD IS BLOCKED AT HIGHWAY BY A MOUND AND PIT BUT IT CAN BE BY-PASSED TO THE RIGHT. GO WEST ON THIS ROAD ± 500' TO A FORK, GO LEFT (SOUTH) TO END OF ROAD.

Monument Type: 3 1/4 inch Aluminum BPA cap on Aluminum rod
Stamping: TERRI 1999

Description of the Monument:
STATION IS A STANDARD BPA ALUMINUM CAP MOUNTED ON A ROD DRIVEN TO REFUSAL AND SET IN CONCRETE, 1 INCH ABOVE THE SURFACE, STATION IS SET ON THE EAST SIDE OF THE ROAD AT THE SOUTH END. TREES ON THE WEST AND A CLEARING ON THE RIGHT. A WITNESS POST BEARS EAST

REGISTERED
PROFESSIONAL
LAND SURVEYOR

OREGON
July 18, 1980
DANIEL A. HOEKSTRA
1899

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.

C.S. File No. 65/31-2