

HORIZONTAL CONTROL DATA

State Plane in International Feet, Elevations in U.S. Survey Feet
Retrieval Date and Time: 08/19/1999 08:26:49

Station Number: 119	GEODETIC DATUM: NAD 83/91
Station Name: SAWYER	LAT.: 43°40' 21.10914" N
Section: 9 Township: 22S Range: 8W	LONG: 123°39' 17.07005" W
1/4 Section: NE County: DOUGLAS	SPCS DATUM: ORS3602
Date Set: 05/26/1999 State: OR	Northing: 746755.792+/-0.026
Firm: David Evans and Associates, Inc.	Easting: 4086810.330+/-0.020
Addr: 2828 S.W. Corbett	VERTICAL DATUM: NAVD88
Portland, Oregon 97201-4830	GEOID MODEL: GEO96NW
(503) 223-6663	Orthometric Elev.: 85.713
GPS: YES Type:	+/-0.059
Group: C Order: 1	Ellipsoidal Elev.: 9.075
PPM: 10	Separation: -76.639
	Convergence: -2°9'29.909502"
	Scale Factor: 0.99993325

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 THE INTERSECTION OF HWY 38 AND HWY 138 AT ELKTON OREGON, TRAVEL SOUTH ON HIGHWAY 138 FOR 0.25 MILES TO A ROAD ON THE RIGHT. TURN RIGHT AND TRAVEL 0.4 MILES TO HENDERER. TURN RIGHT ON HENDERER AND TRAVEL 8.8 MILES TO A TRANSMISSION LINE CROSSING A FIELD AND THE RIVER ON THE RIGHT. CONTINUE 300 FEET TO A GATE, PASS THROUGH GATE AND GO BACK ALONG FENCE TO POWER LINE CROSSING, TURN LEFT AND HEAD EAST +/- 400 FEET TO TWO POLE STRUCTURE AND THE STATION NEAR TOP OF BANK.

Monument Type: 3 1/4 inch Aluminum BPA cap on Aluminum rod
 Stamping: SAWYER 1999
 Description of the Monument:
 STATION IS A STANDARD BPA ALUMINUM CAP MOUNTED ON A ROD DRIVEN TO REFUSAL AND SET IN CONCRETE, FLUSH. ELECTRIC FENCE BEARS 2 FEET. EAST, POWER POLE E.S.128 BEARS NORTHEAST 8 FEET, CENTER OF TRANSMISSION LINE BEARS NORTH 14 FEET. TOP OF RIVERBANK BEARS EAST 30 FEET SET WITNESS POST AT POWER POLE.



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. 65/31-10