

**Table 6-1a Summary of Borings and CPT Locations by Others  
EAST CONTRACT**

Brightwater Conveyance System

Boring No.	Date Completed	Boring Depth (ft)	Ground Surface Elevation (ft) <sup>a</sup>	Northing (ft) <sup>b</sup>	Easting (ft) <sup>b</sup>	Consultant <sup>c</sup>	Drilling Method	Contract Segment
<b>BRIGHTWATER CONVEYANCE SYSTEM</b>								
BW-12	2/12/2002	301.5	316.3	291,497	1,308,837	SW	Mud-Rotary	Off Alignment
BW-13	1/18/2002	440.9	490.3	291,307	1,313,083	SW	Mud-Rotary	Off Alignment
<b>NORTH CREEK STORAGE FACILITY</b>								
BH-1n	12/14/1995	126.5	127.5	281,206	1,308,112	HWA	Mud-Rotary	North Creek Connector
BH-2n	8/3/2000	109.0	128.0	281,251	1,308,232	HWA	Mud-Rotary	North Creek Connector
BH-3n	8/2/2000	104.0	127.0	281,540	1,308,110	HWA	Mud-Rotary	North Creek Connector
BH-4n	7/28/2000	104.0	128.0	281,626	1,308,282	HWA	Mud-Rotary	North Creek Connector
BH-5n	8/1/2000	104.0	127.0	281,493	1,308,255	HWA	Mud-Rotary	North Creek Connector
BH-6n	7/31/2000	100.0	127.0	281,339	1,308,426	HWA	Mud-Rotary	North Creek Connector
BH-7n	10/25/2000	99.0	129.0	281,431	1,308,364	HWA	Mud-Rotary	North Creek Connector
BH-12n	12/20/2000	59.0	127.0	281,030	1,308,129	HWA	Mud-Rotary	North Creek Connector
CPT-01n	2/1/1996	80.5	127.5	281,228	1,308,070	HWA	CPT	North Creek Connector
CPT-02n	2/1/1996	108.5	127.5	281,199	1,308,169	HWA	CPT	North Creek Connector
<b>MARRIOTT RESIDENCE INN</b>								
B-3m	1/5/1990	59.0	125.9	283,561	1,308,700	ECI	ND	Brightwater Tunnel 1
<b>STATE FARM INSURANCE CENTER</b>								
B-1	4/12/1993	19.0	129.2	283,288	1,308,226	GEO	Hollow-Stem Auger	North Creek Portal
B-2	4/12/1993	19.0	128.7	283,235	1,308,213	GEO	Hollow-Stem Auger	North Creek Portal
B-3	4/12/1993	19.0	128.4	283,158	1,308,225	GEO	Hollow-Stem Auger	North Creek Portal
B-4	4/12/1993	19.0	128.0	283,164	1,308,282	GEO	Hollow-Stem Auger	North Creek Portal
B-5	4/12/1993	19.0	128.5	283,160	1,308,353	GEO	Hollow-Stem Auger	North Creek Portal
B-6	4/13/1993	19.0	129.1	283,285	1,308,276	GEO	Hollow-Stem Auger	North Creek Portal
B-7	4/13/1993	19.0	128.6	283,282	1,308,363	GEO	Hollow-Stem Auger	North Creek Portal
B-8	4/13/1993	19.0	128.7	283,230	1,308,364	GEO	Hollow-Stem Auger	North Creek Portal
B-9	4/13/1993	9.0	128.3	283,112	1,308,462	GEO	Hollow-Stem Auger	North Creek Portal
B-10	4/13/1993	9.0	129.6	283,207	1,308,469	GEO	Hollow-Stem Auger	North Creek Portal
B-11	4/13/1993	9.0	129.4	283,324	1,308,482	GEO	Hollow-Stem Auger	North Creek Portal
B-12	4/13/1993	9.0	129.4	283,337	1,308,317	GEO	Hollow-Stem Auger	North Creek Portal

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B-13	4/13/1993	9.0	129.6	283,307	1,308,141	GEO	Hollow-Stem Auger	North Creek Portal
B-14	4/13/1993	9.0	128.9	283,205	1,308,139	GEO	Hollow-Stem Auger	North Creek Portal
B-15	4/13/1993	9.0	128.8	283,108	1,308,146	GEO	Hollow-Stem Auger	North Creek Portal
B-16	4/13/1993	9.0	128.3	283,085	1,308,294	GEO	Hollow-Stem Auger	North Creek Portal
B-17	4/14/1993	34.0	128.9	283,229	1,308,284	GEO	Hollow-Stem Auger	North Creek Portal
<b>VITULLI PROJECT</b>								
BH-2v	9/28/1983	54.0	122.3	283,459	1,308,816	ECI	ND	Brightwater Tunnel 1
BH-5v	9/30/1983	64.0	122.3	283,478	1,309,203	ECI	ND	Brightwater Tunnel 1
<b>SR9/SR522 INTERCHANGE</b>								
BH-2	7/8/1991	66.5	256.3	288,425	1,318,071	HWA	ND	Brightwater Tunnel 1
BH-3	7/9/1991	26.5	249.3	288,864	1,318,258	HWA	ND	Brightwater Tunnel 1
BH-21	8/5/1994	21.5	ND	288,690	1,318,210	HWA	Hollow-Stem Auger	Brightwater Tunnel 1
BH-22	8/5/1994	21.5	ND	289,060	1,318,330	HWA	Hollow-Stem Auger	Brightwater Tunnel 1
BH-30	11/14/1994	51.5	271.3	288,465	1,318,118	HWA	Hollow-Stem Auger	Brightwater Tunnel 1
BH-38	11/8/1994	41.5	246.3	288,247	1,317,631	HWA	Hollow-Stem Auger	Brightwater Tunnel 1
BH-39	11/8/1994	41.5	244.3	288,429	1,317,701	HWA	Hollow-Stem Auger	Brightwater Tunnel 1
H-2-95	8/2/1995	41.5	270.3	288,410	1,318,110	WSDOT	Mud-Rotary	Brightwater Tunnel 1
<b>BRIGHTWATER REGIONAL WASTEWATER TREATMENT PLANT</b>								
SB-1	11/15/2001	101.5	260.3	289,322	1,318,673	CH2M	Mud-Rotary	Treatment Plant Portal
PB-12	4/5/2003	501.0	254.9	289,949	1,318,693	SW	Rotosonic	Treatment Plant Portal
FB-7	4/30/2004	28.3	269.3	289,530	1,319,827	CH2M	Mud-Rotary	Treatment Plant Portal
FB-8	4/13/2004	26.1	270.1	289,118	1,318,888	CH2M	Mud-Rotary	Treatment Plant Portal

a) Vertical datum = Metro.

b) Horizontal datum = NAD83/91, Washington North Zone, U.S. Survey Feet.

c) SW = Shannon and Wilson, HWA = Hong West and Associates, ECI = Earth Consultants, Inc., GEO = GeoEngineers, Inc., WSDOT = Washington State Department of Transportation, CH2M = CH2M Hill

**Table 6-1a Summary of Borings and CPT Locations by Others**  
**CENTRAL CONTRACT**  
Brightwater Conveyance System

Boring No.	Date Completed	Boring Depth (ft)	Ground Surface Elevation (ft) <sup>a</sup>	Northing (ft) <sup>b</sup>	Easting (ft) <sup>b</sup>	Consultant <sup>c</sup>	Drilling Method	Contract Segment
<b>BRIGHTWATER CONVEYANCE SYSTEM</b>								
MW-7	12/12/2001	266.5	309.3	284,964	1,278,895	HWA	Becker Hammer	Brightwater Tunnel 3
MW-8	12/10/2001	184.0	227.3	281,966	1,281,497	HWA	Mud-Rotary	Off Alignment
MW-9	11/28/2001	94.0	135.3	278,039	1,284,100	HWA	Mud-Rotary	Off Alignment
MW-10	12/14/2001	104.0	148.3	279,144	1,286,644	HWA	Mud-Rotary	Off Alignment
MW-11	11/26/2001	94.0	178.3	280,052	1,288,647	HWA	Mud-Rotary	Off Alignment
MW-12	11/30/2001	42.5	118.3	279,155	1,293,580	HWA	Mud-Rotary	Off Alignment
MW-13	1/16/2002	94.0	118.3	280,356	1,307,970	HWA	Mud-Rotary	Off Alignment
MW-14	12/4/2001	84.0	151.3	282,472	1,296,317	HWA	Mud-Rotary	Off Alignment
MW-15	1/2/2002	324.0	386.3	287,744	1,297,721	HWA	Mud-Rotary	Off Alignment
MW-17	1/18/2002	99.0	138.3	284,199	1,307,032	HWA	Mud-Rotary	Brightwater Tunnel 2
MW-18	1/24/2002	99.0	171.3	287,521	1,306,262	HWA	Mud-Rotary	Off Alignment
BW-6	12/28/2001	430.5	546.3	292,329	1,280,286	SW	Mud-Rotary	Off Alignment
BW-7	1/2/2002	340.4	461.3	291,908	1,283,717	SW	Mud-Rotary	Off Alignment
BW-8	1/18/2002	361.4	456.3	292,214	1,288,223	SW	Mud-Rotary	Off Alignment
BW-9	1/4/2002	225.4	342.3	291,919	1,292,614	SW	Mud-Rotary	Off Alignment
BW-10	1/21/2002	371.0	397.3	291,219	1,297,721	SW	Mud-Rotary	Off Alignment
BW-11	1/17/2002	125.4	174.3	291,858	1,305,077	SW	Mud-Rotary	Off Alignment
<b>VITULLI PROJECT</b>								
BH-1v	9/28/1983	29.0	127.9	283,531	1,308,111	ECI	ND	Brightwater Tunnel 2
<b>SWAMP CREEK TRUNK SEWER EXTENSION</b>								
BH-1s	2/15/1999	54.0	145.0	283,032	1,293,841	HWA	Hollow-Stem Auger	Swamp Creek Connector
BH-2s	2/15/1999	53.0	148.0	283,313	1,293,909	HWA	Hollow-Stem Auger	Swamp Creek Connector

a) Vertical datum = Metro.

b) Horizontal datum = NAD83/91, Washington North Zone, U.S. Survey Feet.

c) HWA = Hong West and Associates, SW = Shannon and Wilson, ECI = Earth Consultants, Inc.

**Table 6-1a Summary of Borings and CPT Locations by Others**  
**WEST CONTRACT**

Brightwater Conveyance System

Boring No.	Date Completed	Boring Depth (ft)	Ground Surface Elevation (ft) <sup>a</sup>	Northing (ft) <sup>b</sup>	Easting (ft) <sup>b</sup>	Consultant <sup>c</sup>	Drilling Method	Contract Segment
<b>BRIGHTWATER CONVEYANCE SYSTEM</b>								
MW-2	12/19/2001	310.0	345.3	294,555	1,261,185	HWA	Becker Hammer	Off Alignment
MW-3	1/7/2002	369.0	427.3	292,217	1,264,081	HWA	Becker Hammer	Off Alignment
MW-4	2/1/2002	446.5	483.3	287,603	1,264,801	HWA	Becker Hammer	Brightwater Tunnel 4
MW-5	12/7/2001	352.0	401.3	287,166	1,271,424	HWA	Becker Hammer	Brightwater Tunnel 4
MW-6	1/23/2002	360.5	410.3	287,240	1,276,263	HWA	Becker Hammer	Brightwater Tunnel 4
MW-19	1/9/2002	110.0	116.3	285,293	1,256,987	HWA	Mud-Rotary	Off Alignment
BW-4	1/11/2002	366.4	464.3	292,703	1,270,572	SW	Mud-Rotary	Off Alignment
BW-5	12/20/2001	391.2	496.3	292,560	1,275,712	SW	Mud-Rotary	Off Alignment

a) Vertical datum = Metro.

b) Horizontal datum = NAD83/91, Washington North Zone, U.S. Survey Feet.

c) HWA = Hong West and Associates, SW = Shannon and Wilson