

**Table 6-7 Summary of Slug Test Results**

**EAST CONTRACT**

Brightwater Conveyance system

Boring No.	Soil Classification		Hydraulic Conductivity (cm/sec)			Grain Size Analysis (mm)			Comments
	Interpreted	Lab (+/- wrt screen) <sup>a</sup>	Bouwer & Rice	Best Estimate	Maximum	D <sub>10</sub>	D <sub>30</sub>	D <sub>60</sub>	
<b>BRIGHTWATER TUNNEL 1</b>									
E-335	SP-SM, SP	ND	2.3E-04	3.5E-04	1.1E-03	ND	ND	ND	
E-341	ML, SP-SM	SP-SM	7.8E-05	1.0E-04	3.3E-04	0.08	0.11	0.46	
E-342	SM	SM (-1)	4.8E-03	6.8E-03	1.8E-02	0.08	0.10	0.14	
E-343	SP, ML	ND	2.6E-04	3.1E-04	4.8E-04	ND	ND	ND	Minimum conductivity value.
E-347	ML	ND	1.1E-03	1.7E-03	4.9E-03	ND	ND	ND	
<b>EAST CONTRACT OFF-ALIGNMENT</b>									
E-126	SP, ML	SP	1.4E-03	2.2E-03	6.5E-03	0.17	0.27	0.50	

Notes:

a) +/- wrt screen = location of laboratory grain size (sieve) analysis with respect to screen (+ is feet above top of screen, - is feet below bottom of screen). Lab test is within screen section if not otherwise noted. Depth is to the top of the screen and the length of the screen is typically 10 feet.

**Table 6-7 Summary of Slug Test Results**

**CENTRAL CONTRACT**

Brightwater Conveyance system

Boring No.	Soil Classification		Hydraulic Conductivity (cm/sec)			Grain Size Analysis (mm)			Comments
	Interpreted	Lab (+/- wrt screen) <sup>a</sup>	Bouwer & Rice	Best Estimate	Maximum	D <sub>10</sub>	D <sub>30</sub>	D <sub>60</sub>	
<b>BRIGHTWATER TUNNEL 2</b>									
E-121	SM, ML, MH	SM (+7)	1.1E-03	1.4E-03	5.3E-03	0.08	0.12	0.20	
E-220	SP	SM	2.5E-03	3.8E-03	1.1E-02	0.12	0.20	0.32	
E-224	SP, SM	SP-SM				0.08	0.11	0.17	Well not developed prior to test.
		SP-SM (+1.5)				0.10	0.17	0.27	
E-324	GW	ND	2.6E-03	3.6E-03	1.0E-02	ND	ND	ND	
E-326	SP, GP-GM	SM (-2)	1.2E-03	1.8E-03	5.7E-03	0.10	0.24	1.27	
E-328	GP-GM	GW-GM	ND	<1E-06	ND	0.17	5.15	21.06	Well was non-responsive. (Soil may be a glacial till.)
E-329	CH, GM	ND	ND	< 1.E-06	ND	ND	ND	ND	Well was non-responsive.
<b>BRIGHTWATER TUNNEL 3</b>									
E-117	SM	SP-SM	5.9E-03	7.5E-03	1.6E-02	0.12	0.18	0.24	
E-118	SP, ML, SM	SM	ND	< 1.E-06	ND	0.08	0.13	0.22	Well was non-responsive.
		SM				0.11	0.21	0.70	
E-306	SP	ND	2.5E-04	3.7E-04	1.5E-03	ND	ND	ND	Minimum conductivity value.
E-308	SM, CL	ND	7.4E-05	7.4E-05	ND	ND	ND	ND	Minimum conductivity value.
E-309	SP-SM	ND	1.6E-05	1.6E-05	ND	ND	ND	ND	Well was partially responsive.
E-312	SP, GP	SP-SM	ND	< 1.E-05	ND	0.13	0.19	0.27	Well was non-responsive.
E-313	GM, SP	SM	9.7E-07	9.7E-07	ND	0.13	0.38	3.65	Minimum conductivity value.
E-314	GW-GM	GW	3.4E-04	4.9E-04	1.4E-03	22.48	33.75	49.43	
<b>CENTRAL CONTRACT OFF-ALIGNMENT</b>									
N-430	GP, SP	SP-SM	1.3E-03	1.3E-03	6.9E-03	0.09	0.16	0.22	
N-429	GW	GW	1.3E-03	1.9E-03	5.3E-03	19.94	23.97	31.59	
N-427	GW-GM	ND	1.3E-05	1.7E-05	3.0E-05	ND	ND	ND	
N-426	ML	ND	6.7E-05	1.1E-04	3.3E-04	ND	ND	ND	
N-425	ML	M/C	5.0E-05	2.3E-04	1.1E-03	0.00	0.00	0.00	
		M/C (-1)				0.00	0.00	0.00	

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**Table 6-7 Summary of Slug Test Results**

**WEST CONTRACT**

Brightwater Conveyance system

Boring No.	Soil Classification		Hydraulic Conductivity (cm/sec)			Grain Size Analysis (mm)			Comments
	Interpreted	Lab (+/- wrt screen) <sup>a</sup>	Bouwer & Rice	Best Estimate	Maximum	D <sub>10</sub>	D <sub>30</sub>	D <sub>60</sub>	
<b>BRIGHTWATER TUNNEL 4</b>									
E-102	SP-SM, SP	SP (+7)				0.20	0.34	0.53	Well not developed due to bent casing.
E-106	SP, ML	SP-SM	1.1E-04	1.5E-04	4.1E-04	0.11	0.17	0.21	Minimum conductivity value.
E-109	GM	ND	1.2E-04	1.7E-04	4.9E-04	ND	ND	ND	
E-201	GW	SW-SM	ND	2.6E-02	2.6E-02	0.17	1.22	7.47	
E-206	SP-SM, SP, ML	SM	2.6E-04	3.8E-04	1.1E-03	0.08	0.15	0.28	
E-208	GW, SP, GM	GW (-3)	2.3E-03	3.1E-03	5.9E-03	14.13	21.27	27.30	
E-404	SM with CL interbeds	SP-SM (-5)	2.6E-04	3.9E-04	1.2E-03	0.15	0.26	0.35	
E-406	SM, GM, ML	ND	ND	< 1E-05	ND	ND	ND	ND	Well was non-responsive.
E-414	CH, GC	ND	3.6E-04	5.6E-04	1.8E-03	ND	ND	ND	
<b>POINT WELLS PORTAL SITE AND MARINE OUTFALL CONNECTOR</b>									
P19-3	GW	ND	ND	3.0E-02	3.4E-02	ND	ND	ND	
P19-2	GP/SP, ML, GM	ND	9.1E-03	1.3E-02	3.4E-02	ND	ND	ND	Minimum conductivity value.
P19-1	ML, OL, GM	ND	3.9E-05	6.9E-05	2.6E-04	ND	ND	ND	Minimum conductivity value.

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