

**Table 6-9 Summary of Gas Monitoring
EAST CONTRACT**
Brightwater Conveyance System

Boring No.	Ground Surface Elevation (ft)	Bottom of Screen Depth (ft) ^a	CH ₄ (% LEL) ^b		CH ₄ (ppm) ^c		CH ₄ (µg/L) ^d		Other Gasses Noted
			Minimum Reading	Maximum Reading	Minimum Reading	Maximum Reading	Minimum Reading	Maximum Reading	
BRIGHTWATER TUNNEL 1									
E-332	127.5	25.6	-- ^e	0.0			-- ^e	12,600	
E-334	189.5	300.0					-- ^e	74	
E-335	302.7	192.0					-- ^e	177	
E-336	368.4	300.0	0.0	0.0	-- ^e	0			
E-337	366.5	296.0	0.0	0.0	0	0			
E-341	246.2	195.0	0.0	0.0	0	0	-- ^e	5	CO (max 4 ppm)
E-343	201.9	69.0	-- ^e	1.5					
E-349	232.3	75.0	-- ^e	1.0			-- ^e	15	
TREATMENT PLANT PORTAL SITE									
P46-03	258.6	77.1	-- ^e	0.0			-- ^e	666	CO (max 12 ppm)
EAST CONTRACT OFF-ALIGNMENT									
E-126	129.8	30.0	0.0	1.0	0	0			CO (max 1 ppm)
E-129	355.8	285.0	0.5	1.0					

Notes:

- a) The length of the screen is typically 10 feet.
- b) Values recorded using a Industrial Scientific TMX-410, assumes LEL = 5% Methane by volume
- c) Values recorded using a MSA GasportR Gas Tester
- d) Samples collected using passive diffuser bags, gas content analyzed by North Creek Analytical, Inc.
- e) Only one test conducted at this boring

Table 6-9 Summary of Gas Monitoring
CENTRAL CONTRACT
Brightwater Conveyance System

Boring No.	Ground Surface Elevation (ft)	Bottom of Screen Depth (ft) ^a	CH ₄ (% LEL) ^b		CH ₄ (ppm) ^c		CH ₄ (µg/L) ^d		Other Gasses Noted
			Minimum Reading	Maximum Reading	Minimum Reading	Maximum Reading	Minimum Reading	Maximum Reading	
BRIGHTWATER TUNNEL 2									
E-121	364.9	281.0	0.0	1.0	0	0			
E-123	318.0	126.0	0.0	1.0	0	0			CO (max 10 ppm)
E-219	361.1	240.0	0.0	0.5			-- ^e	249	
E-220	330.0	243.0	0.0	5.0	0	0	-- ^e	4	
E-224	128.3	54.0	0.0	54.0	0	0	857	4,180	CO (max 542 ppm)
E-326	267.1	180.4	0.0	0.0	0	0			CO (max 9 ppm)
E-328	384.1	267.7	0.0	1.0	0	0	-- ^e	8	CO (max 148 ppm)
E-329	365.5	288.0	-- ^e	0.0					
BRIGHTWATER TUNNEL 3									
E-111	393.0	353.0	0.0	4.0	0	2,300	-- ^e	5,530	CO (max 554 ppm)
E-114	392.5	190.0	0.0	13.0			-- ^e	2	
E-116	327.4	243.5	0.5	8.0					CO (max 2 ppm)
E-117	367.4	282.5	0.0	0.5	0	0			CO (max 11 ppm)
E-214	418.0	220.0	0.0	0.0	0	0			CO (max 29 ppm)
E-216	394.7	222.0	0.0	0.5	0	0	-- ^e	0	CO (max 43 ppm)
E-217	418.8	290.0	0.0	0.5	0	0			
E-307	607.0	412.0	0.0	0.0	-- ^e	0			CO (max 7 ppm)
E-313	418.3	314.0	0.0	17.0	0	2,050	-- ^e	104	CO (max 57 ppm)
E-314	292.5	205.0	0.0	1.0	0	0	-- ^e	0	CO (max 5 ppm)

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			Minimum Reading	Maximum Reading	Minimum Reading	Maximum Reading	Minimum Reading	Maximum Reading	
CENTRAL CONTRACT OFF-ALIGNMENT									
E-362	154.9	90.0	-- ^e	0.5					
MW-11	178.3	90.0	-- ^e	0.5					
MW-12	118.3	28.0	-- ^e	1.5					
N-153	129.6	89.5	-- ^e	0.0					
P41-01	172.0	172.0	0.0	0.0	0	0			

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- e) Only one test conducted at this boring

**Table 6-9 Summary of Gas Monitoring
WEST CONTRACT**
Brightwater Conveyance System

Boring No.	Ground Surface Elevation (ft)	Bottom of Screen Depth (ft) ^a	CH ₄ (% LEL) ^b		CH ₄ (ppm) ^c		CH ₄ (µg/L) ^d		Other Gasses Noted
			Minimum Reading	Maximum Reading	Minimum Reading	Maximum Reading	Minimum Reading	Maximum Reading	
BRIGHTWATER TUNNEL 4									
E-101	131.2	131.0	0.5	0.5					
E-102	291.2	195.0	0.0	1.0	0	0	-- ^e	0	CO (max 7 ppm)
E-103	404.3	340.0	0.0	1.0	0	0			CO (max 5 ppm)
E-106	581.9	429.0	0.0	1.0	-- ^e	0	-- ^e	2,330	CO (max 4 ppm)
E-108	453.1	270.0	0.0	1.0	0	350	-- ^e	22	CO (max 115 ppm)
E-110	444.7	200.0	0.0	1.0	-- ^e	0			CO (max 26 ppm)
E-201	260.6	235.0	0.0	0.5	0	0			CO (max 4 ppm)
E-202	399.1	340.0	0.0	0.5	0	0			CO (max 5 ppm)
E-203	393.2	133.0	0.0	1.0					
E-206	566.1	406.0	0.0	1.0	-- ^e	0			CO (max 12 ppm)
E-207	508.5	381.0	0.0	0.0	0	0			
E-208	451.0	252.0	0.0	1.0	0	0			CO (max 17 ppm)
E-209	430.1	282.0	0.0	10.0	0	3,700	12,000	24,200	CO (max 557 ppm)
E-211	413.4	191.0	0.0	0.0	0	0			CO (max 1 ppm)
E-403	378.1	265.0	0.0	0.0	0	0			CO (max 17 ppm)
E-404	440.7	305.0	-- ^e	0.0			-- ^e	3	
E-406	513.4	408.0	-- ^e	0.0	0	0			
E-414	439.7	263.7	0.0	0.0	0	0	-- ^e	0	CO (max 4 ppm)
MW-4	483.3	424.0	1.5	1.5					
MW-5	401.3	352.0	-- ^e	10.0					
MW-6	410.3	360.0	0.5	0.5					

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