

Site Name	# of Tests	Test name	benzene	toluene	ethylbenzene	xylenes (sum of o-, m- and p- isomers = total xylenes)
			1.2	490	5.8	58
Runknown 33-5	1					
Emerald 111	5					
Emerald 110	3					
Emerald 182	3					
Emerald C134	2					
Emerald Orphan Well #2	1					
Emerald Orphan Well #3	2					
Emerald 273	2					
Emerald 117	4	20210908_Emerald 117_WH@6ft	ND	ND	ND	0.019
Emerald 154	5					
Emerald 155	4					
Emerald 156	4	20210909_Emerald 156_WH@3ft	ND	ND	ND	ND
Emerald 157	5	20210909_Emerald 157_WH@5ft	ND	ND	ND	ND
Emerald 158	4					
Emerald 114	7					
Emerald 135	4	20210916_Emerald 135_WH@1ft	ND	ND	ND	ND
AC McLaughlin 100	4					
Emerald 129	1					
Emerald 133	3					
Emerald 137	3					
Emerald 151	4					
Emerald 159	1					
Emerald C138	1	20211116_Emerald C138_WH@4ft	ND	ND	ND	ND

Total

73

# of times data showed up	0	0	0	1
Mean of data	0	0	0	0.0002627
Highest Reading	0	0	0	0.019
Range of Max to Requirement	1.2	490	5.8	57.981
Variance of Data	0	0	0	0.00000495
Standard Deviation	0	0	0	0.000002475
99.70%				(0.000255275, 0.000270125)

PAH by EPA Method 8270D

Site Name	# of Tests	1,2,4-trimethylbenzene	1,3,5-trimethylbenzene	acenaphthene	anthracene
		30	27	360	1800
Runkown 33-5	1				
Emerald 111	5				
Emerald 110	3				
Emerald 182	3				
Emerald C134	2				
Emerald Orphan Well #2	1				
Emerald Orphan Well #3	2				
Emerald 273	2				
Emerald 117	4	0.011	0.036	0.00732	ND
Emerald 154	5				
Emerald 155	4				
Emerald 156	4	ND	ND	ND	ND
Emerald 157	5	ND	0.022	ND	ND
Emerald 158	4				
Emerald 114	7				
Emerald 135	4	ND	ND	ND	0.028
AC McLaughlin 100	4				
Emerald 129	1				
Emerald 133	3				
Emerald 137	3				
Emerald 151	4				
Emerald 159	1				
Emerald C138	1	ND	ND	ND	0.051
Total	73				

PAH by EPA Method 8270D	1	2	1	2
	0.0001507	0.0007945	0.0001003	0.0010822
	0.011	0.036	0.00732	0.051
	29.89	56.964	359.9927	179.949
	0.00000166	0.0000241	0.00000073	0.0000458
	0.00000083	0.00001205	0.000000365	0.0000229
	(0.00014821, 0.00015319) (0.00075835, 0.00083065) (0.000099205, 0.000101395) (0.0010135, 0.0011509)			

Site Name	# of Tests	benz(a)anthracene	benzo(b)fluoranthene	benzo(k)fluoranthene	benzo(a)pyrene
		1.1	1.1	11	0.11
Runkown 33-5	1				
Emerald 111	5				
Emerald 110	3				
Emerald 182	3				
Emerald C134	2				
Emerald Orphan Well #2	1				
Emerald Orphan Well #3	2				
Emerald 273	2				
Emerald 117	4	ND	ND	ND	ND
Emerald 154	5				
Emerald 155	4				
Emerald 156	4	ND	ND	ND	ND
Emerald 157	5	ND	ND	ND	ND
Emerald 158	4				
Emerald 114	7				
Emerald 135	4	0.0236	ND	ND	ND
AC McLaughlin 100	4				
Emerald 129	1				
Emerald 133	3				
Emerald 137	3				
Emerald 151	4				
Emerald 159	1				
Emerald C138	1	ND	ND	ND	ND

Total	73				
		1	0	0	0
PAH by EPA Method 8270D		0.0003233	0	0	
		0.0236	0	0	0
		1.0764	1.1	1.1	0.11
		0.00000763	0	0	0
		0.000003815	0	0	0
		(0.000311855, 0.000334745)			

Site Name	# of Tests	chrysene	dibenz(a,h)anthracene	fluoranthene	fluorene
		110	0.11	240	240
Runkown 33-5	1				
Emerald 111	5				
Emerald 110	3				
Emerald 182	3				
Emerald C134	2				
Emerald Orphan Well #2	1				
Emerald Orphan Well #3	2				
Emerald 273	2				
Emerald 117	4	ND	ND	ND	0.0225
Emerald 154	5				
Emerald 155	4				
Emerald 156	4	0.0245	ND	ND	ND
Emerald 157	5	0.00842	ND	0.0102	0.0171
Emerald 158	4				
Emerald 114	7				
Emerald 135	4	ND	ND	ND	ND
AC McLaughlin 100	4				
Emerald 129	1				
Emerald 133	3				
Emerald 137	3				
Emerald 151	4				
Emerald 159	1				
Emerald C138	1	0.00943	ND	0.00723	0.0127

Total	73				
		3	0	2	3
PAH by EPA Method 8270D		0.0002445	0	0.0002388	0.0007164
		0.0245	0	0.0102	0.0225
		109.9755	0.11	239.9898	239.9775
		0.0000102	0	0.00000211	0.0000128
		0.0000051	0	0.000001055	0.0000064
		(0.0002292, 0.0002598)		(0.000235635, 0.000241965)	(0.0006972, 0.0007356)

Site Name	# of Tests	indeno(1,2,3-cd)pyrene	pyrene	1-methylnaphthalene	2-methylnaphthalene
		1.1	180	18	24
Runkown 33-5	1				
Emerald 111	5				
Emerald 110	3				
Emerald 182	3				
Emerald C134	2				
Emerald Orphan Well #2	1				
Emerald Orphan Well #3	2				
Emerald 273	2				
Emerald 117	4	ND	ND	0.13	0.163
Emerald 154	5				
Emerald 155	4				
Emerald 156	4	ND	ND	ND	ND
Emerald 157	5	ND	0.0109	0.0509	0.0837
Emerald 158	4				
Emerald 114	7				
Emerald 135	4	ND	ND	ND	ND
AC McLaughlin 100	4				
Emerald 129	1				
Emerald 133	3				
Emerald 137	3				
Emerald 151	4				
Emerald 159	1				
Emerald C138	1	ND	ND	ND	0.0101

Total	73				
		0	1	2	3
PAH by EPA Method 8270D		0	0.0001493	0.0024781	0.0035178
		0	0.0109	0.13	0.163
		1.1	179.9891	17.87	23.837
		0	0.00000163	0.000264	0.000455
		0	0.000000815	0.000132	0.0002275
		(0.000146855, 0.000151745) (0.0020821, 0.0028741) (0.0028353, 0.0042003)			

Site Name	# of Tests	naphthalene
		2
Runkown 33-5	1	
Emerald 111	5	
Emerald 110	3	
Emerald 182	3	
Emerald C134	2	
Emerald Orphan Well #2	1	
Emerald Orphan Well #3	2	
Emerald 273	2	
Emerald 117	4	0.018
Emerald 154	5	
Emerald 155	4	
Emerald 156	4	ND
Emerald 157	5	0.01
Emerald 158	4	
Emerald 114	7	
Emerald 135	4	ND
AC McLaughlin 100	4	
Emerald 129	1	
Emerald 133	3	
Emerald 137	3	
Emerald 151	4	
Emerald 159	1	
Emerald C138	1	ND

Total 73

2

PAH by EPA Method 8270D

0.0003836

0.018

1.982

0.00000574

0.00000287

(0.00037499, 0.00039221)