

ISS Suspension 2018 - Air Sampling Results
 Quanta Resources Corporation Superfund Site, OU1
 Offsite Locations - City Place
 Edgewater, New Jersey

Sample Date	7/9/2018		7/10/2018		7/11/2018		7/12/2018		7/13/2018		7/16/2018		7/17/2018		7/18/2018		7/19/2018		7/20/2018		7/23/2018			
	Location ID	OSCE	OSCW	OSCE	OSCW	OSCE	OSCW	OSCE	OSCW	OSCE	OSCW	OSCE	OSCW	OSCE	OSCW	OSCE	OSCW	OSCE	OSCW	OSCE	OSCW	OSCE	OSCW	
Sample Exposure Time	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	
Client ID	HQ-OSCE24-VOC-070918	HQ-OSCW24-VOC-070918	HQ-OSCE24-VOC-071018	HQ-OSCW24-VOC-071018	HQ-OSCE24-VOC-071118	HQ-OSCW24-VOC-071118	HQ-OSCE24-VOC-071218	HQ-ODUP24-VOC-071218	HQ-OSCW24-VOC-071218	HQ-OSCE24-VOC-071318	HQ-ODUP24-VOC-071318	HQ-OSCW24-VOC-071318	HQ-OSCE24-VOC-071618	HQ-OSCW24-VOC-071618	HQ-OSCE24-VOC-071718	HQ-OSCW24-VOC-071718	HQ-OSCE24-VOC-071818	HQ-OSCW24-VOC-071818	HQ-OSCE24-VOC-071918	HQ-OSCW24-VOC-071918	HQ-OSCE24-VOC-072018	HQ-OSCW24-VOC-072018	HQ-OSCE24-VOC-072318	HQ-OSCW24-VOC-072318
Average Wind Dir/Speed/Temp	SSW/3.6 mph/87°F		SW/3.2 mph/94°F		E/3.2 mph/88°F		E/2.2 mph/86°F		SSE/3.2 mph/84°F		S/4.1 mph/91°F		S/4.3 mph/89°F		NNE/3.3 mph/86°F		E/2.7 mph/84°F		SE/2.3 mph/82°F		SE/8.9 mph/81°F			
Constituent of Concern																								
24-hour exposure																								
1,2,4-Trimethylbenzene	62.6	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,3,5-Trimethylbenzene	62.6	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Benzene	4.68	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6
Ethylbenzene	14.6	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	2	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9
Isopropylbenzene	417	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Naphthalene	3.13	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
n-Propylbenzene	1,040	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Toluene	5,210	1	1	<0.8	<0.8	<0.8	<0.8	1	1	1	0.8	1	1	1	1	1	<0.8	2	0.8	0.9	<0.8	3	<0.8	<0.8
Xylenes, Total	104	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9

Notes:
 All data shown in micrograms per cubic meter (µg/m³)
 n/a = not applicable. Weather data were not collected.
 Average wind direction/speed/temperature measured at a sensor on the Quanta Property
 > - below analytical reporting limit (shown).
 Levels in air that are shaded are greater than the applicable RSL. The RSL is used principally as a screening value used to guide actions at the site to control emissions and odors. The RSL was calculated using a scenario assuming an individual stands on the site perimeter for 24 hours per day for 2 years.
 Daily levels in air have been presented in this table for informational purposes. RSLs should be compared with longer-term average levels in air, rather than daily levels in air, for purposes of assessing risks.

ISS Suspension 2018 - Air Sampling Results
 Quanta Resources Corporation Superfund Site, OU1
 Offsite Locations - City Place
 Edgewater, New Jersey

Sample Date	7/24/2018		7/25/2018		7/26/2018		7/27/2018		7/30/2018		7/31/2018		8/1/2018		8/2/2018		8/3/2018		8/6/2018		8/7/2018		8/8/2018		
	Location ID	OSCE	OSCW	OSCE	OSCW	OSCE	OSCW	OSCE	OSCW	OSCE	OSCW	OSCE	OSCW	OSCE	OSCW	OSCE	OSCW	OSCE	OSCW	OSCE	OSCW	OSCE	OSCW	OSCE	OSCW
Sample Exposure Time	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	
Client ID	HQ-OSCE24-VOC-072418	HQ-OSCW24-VOC-072418	HQ-OSCE24-VOC-072518	HQ-OSCW24-VOC-072518	HQ-OSCE24-VOC-072618	HQ-ODUP24-VOC-072518	HQ-OSCW24-VOC-072618	HQ-OSCE24-VOC-072718	HQ-OSCW24-VOC-072718	HQ-OSCE24-VOC-073018	HQ-OSCW24-VOC-073018	HQ-OSCE24-VOC-073118	HQ-OSCW24-VOC-073118	HQ-OSCE24-VOC-080118	HQ-OSCW24-VOC-080118	HQ-OSCE24-VOC-080218	HQ-OSCW24-VOC-080218	HQ-OSCE24-VOC-080318	HQ-OSCW24-VOC-080318	HQ-OSCE24-VOC-080618	HQ-OSCW24-VOC-080618	HQ-OSCE24-VOC-080718	HQ-OSCW24-VOC-080718	HQ-OSCE24-VOC-080818	HQ-OSCW24-VOC-080818
Average Wind Dir/Speed/Temp	SE/10.6 mph/82°F		SSE/7.0 mph/79°F		WSW/3.4 mph/85°F		S/4.2 mph/89°F		E/2.5 mph/81°F		SE/3.3 mph/82°F		SSE/5.3 mph/86°F		SW/4.4 mph/87°F		S/4.3 mph/86°F		WSW/3.2 mph/95°F		S/4.8 mph/90°F		S/3.8 mph/90°F		
Constituent of Concern																									
24-hour exposure																									
1,2,4-Trimethylbenzene	62.6	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,3,5-Trimethylbenzene	62.6	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Benzene	4.68	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6
Ethylbenzene	14.6	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9
Isopropylbenzene	417	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Naphthalene	3.13	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
n-Propylbenzene	1,040	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Toluene	5,210	<0.8	<0.8	1	0.8	1	1	2	2	1	1	2	0.9	<0.8	<0.8	1	2	0.8	<0.8	1	1	2	1	1	1
Xylenes, Total	104	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9

Notes:
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 n/a = not applicable. Weather data were not collected.
 Average wind direction/speed/temperature measured at a sensor on the Quanta Property
 > - below analytical reporting limit (shown).
 Levels in air that are shaded are greater than the applicable RSL. The RSL is used principally as a screening value used to guide actions at the site to control emissions and odors. The RSL was calculated using a scenario assuming an individual stands on the site perimeter for 24 hours per day for 2 years.
 Daily levels in air have been presented in this table for informational purposes. RSLs should be compared with longer-term average levels in air, rather than daily levels in air, for purposes of assessing risks.

ISS Suspension 2018 - Air Sampling Results
 Quanta Resources Corporation Superfund Site, OU1
 Offsite Locations - City Place
 Edgewater, New Jersey

Sample Date	9/5/2018		9/6/2018		9/7/2018		9/10/2018		9/11/2018		9/12/2018		9/13/2018		9/14/2018		9/17/2018		9/18/2018		9/19/2018									
	Location ID	OSCE	OSCW	OSCE	OSCW	OSCE	OSCW	OSCE	OSCW	OSCE	OSCW	OSCE	OSCW	OSCE	OSCW	OSCE	OSCW	OSCE	OSCW	OSCE	OSCW	OSCE	OSCW							
Sample Exposure Time	24		24		24		24		24		24		24		24		24		24		24									
Client ID	HQ-OSCE24-VOC-090518	HQ-ODUP24-VOC-090518	HQ-OSCW24-VOC-090518	HQ-OSCE24-VOC-090618	HQ-OSCW24-VOC-090618	HQ-OSCE24-VOC-090718	HQ-OSCW24-VOC-090718	HQ-OSCE24-VOC-091018	HQ-OSCW24-VOC-091018	HQ-OSCE24-VOC-091118	HQ-OSCW24-VOC-091118	HQ-OSCE24-VOC-091218	HQ-OSCW24-VOC-091218	HQ-OSCE24-VOC-091318	HQ-ODUP24-VOC-091318	HQ-OSCW24-VOC-091318	HQ-OSCE24-VOC-091418	HQ-ODUP24-VOC-091418	HQ-OSCW24-VOC-091418	HQ-OSCE24-VOC-091718	HQ-OSCW24-VOC-091718	HQ-OSCE24-VOC-091818	HQ-OSCW24-VOC-091818	HQ-OSCE24-VOC-091918	HQ-OSCW24-VOC-091918					
Average Wind Dir/Speed/Temp	SE/4.2 mph/90°F			SSW/4.0 mph/94°F			E/3.7 mph/77°F			E/5.5 mph/63°F			ENE/1.3 mph/74°F			ENE/1.3 mph/78°F			E/2.5 mph/78°F			E/3.3 mph/76°F			SE/3.6 mph/79°F		SW/3.6 mph/81°F		NE/2.7 mph/83°F	
Constituent of Concern	24-hour exposure																													
1,2,4-Trimethylbenzene	62.6	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1		
1,3,5-Trimethylbenzene	62.6	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1		
Benzene	4.68	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	0.9	1	<0.6	0.8	<0.6	<0.6	<0.6	<0.6	<0.6	0.7	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6		
Ethylbenzene	14.6	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9		
Isopropylbenzene	417	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1		
Naphthalene	3.13	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1		
n-Propylbenzene	1,040	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1		
Toluene	5,210	0.9	1	1	0.8	0.9	<0.8	0.9	<0.8	1	3	4	1	2	1	1	1	2	1	<0.8	0.8	1	2	0.9	0.8	1	2	0.9	0.8	
Xylenes, Total	104	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9		

Notes:
 All data shown in micrograms per cubic meter (µg/m³)
 n/a = not applicable. Weather data were not collected.
 Average wind direction/speed/temperature measured at a sensor on the Quanta Property
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ISS Suspension 2018 - Air Sampling Results
 Quanta Resources Corporation Superfund Site, OU1
 Offsite Locations - City Place
 Edgewater, New Jersey

Sample Date	9/20/2018		9/21/2018			9/24/2018			9/25/2018		9/27/2018		10/1/2018		10/2/2018		10/3/2018			10/4/2018		10/5/2018		
	Location ID	OSCE	OSCW	OSCE	OSCW	OSCE	OSCW	OSCE	OSCW	OSCE	OSCW	OSCE	OSCW	OSCE	OSCW	OSCE	OSCW	OSCE	OSCW	OSCE	OSCW	OSCE	OSCW	
Sample Exposure Time	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	
Client ID	HQ-OSCE24-VOC-092018	HQ-OSCW24-VOC-092018	HQ-OSCE24-VOC-092118	HQ-OSCW24-VOC-092118	HQ-ODUP24-VOC-092118	HQ-OSCE24-VOC-092418	HQ-ODUP24-VOC-092418	HQ-OSCW24-VOC-092418	HQ-OSCE24-VOC-092518	HQ-OSCW24-VOC-092518	HQ-OSCW24-VOC-092718	HQ-OSCW24-VOC-092718	HQ-OSCW24-VOC-100118	HQ-OSCW24-VOC-100118	HQ-OSCW24-VOC-100218	HQ-OSCW24-VOC-100218	HQ-OSCW24-VOC-100318	HQ-OSCW24-VOC-100318	HQ-ODUP24-VOC-100318	HQ-OSCE24-VOC-100418	HQ-ODUP24-VOC-100418	HQ-OSCW24-VOC-100418	HQ-OSCW24-VOC-100518	HQ-OSCW24-VOC-100518
Average Wind Dir/Speed/Temp	E/2.2 mph/75°F		S/4.6 mph/72°F			E/4.9 mph/69°F			SE/4.6 mph/74°F		NE/2.8 mph/76°F		SSW/2.9 mph/79°F		SSE/3.0 mph/79°F		NW/4.6 mph/77°F			SSW/2.6 mph/78°F		NE/2.8 mph/72°F		
Constituent of Concern	24-hour exposure																							
1,2,4-Trimethylbenzene	62.6	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,3,5-Trimethylbenzene	62.6	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Benzene	4.68	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	0.6	0.8	0.7	0.8	<0.6	0.8	<0.6
Ethylbenzene	14.6	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9
Isopropylbenzene	417	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Naphthalene	3.13	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
n-Propylbenzene	1,040	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Toluene	5,210	<0.8	0.8	<0.8	0.9	1	<0.8	<0.8	<0.8	<0.8	<0.8	0.8	0.8	2	2	1	1	2	2	2	2	3	0.8	1
Xylenes, Total	104	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9

Notes:
 All data shown in micrograms per cubic meter (µg/m³)
 n/a = not applicable. Weather data were not collected.
 Average wind direction/speed/temperature measured at a sensor on the Quanta Property
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 Offsite Locations - City Place
 Edgewater, New Jersey

Sample Date	10/8/2018		10/9/2018		10/10/2018	
	OSCE	OSCW	OSCE	OSCW	OSCE	OSCW
Location ID	OSCE	OSCW	OSCE	OSCW	OSCE	OSCW
Sample Exposure Time	24	24	24	24	24	24
Client ID	HQ-OSCW24-VOC-100818	HQ-OSCW24-VOC-100818	HQ-OSCW24-VOC-100918	HQ-OSCW24-VOC-100918	HQ-OSCW24-VOC-101018	HQ-OSCW24-VOC-101018
Average Wind Dir/Speed/Temp	E/3.9 mph/67°F		S/1.9 mph/77°F		S/3.6 mph/83°F	
Constituent of Concern						
24-hour exposure						
1,2,4-Trimethylbenzene	62.6	< 1	< 1	< 1	< 1	< 1
1,3,5-Trimethylbenzene	62.6	< 1	< 1	< 1	< 1	< 1
Benzene	4.68	< 0.6	0.7	< 0.6	0.7	< 0.6
Ethylbenzene	14.6	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9
Isopropylbenzene	417	< 1	< 1	< 1	< 1	< 1
Naphthalene	3.13	< 1	< 1	< 1	< 1	< 1
n-Propylbenzene	1,040	< 1	< 1	< 1	< 1	< 1
Toluene	5,210	1	1	1	2	1
Xylenes, Total	104	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9

Notes:
 All data shown in micrograms per cubic meter ($\mu\text{g}/\text{m}^3$)
 n/a = not applicable. Weather data were not collected.
 Average wind direction/speed/temperature measured at a sensor on the Quanta Property
 > - below analytical reporting limit (shown).
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