

ISS Suspension 2018 - 2019 - Air Sampling Results  
 Quanta Resources Corporation Superfund Site, OU1  
 Offsite Locations - iPark  
 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				
	OSIE	OSIP	OSIW	OSIE	OSIP	OSIW	OSIE	OSIP	OSIW	OSIE	OSIP	OSIW	OSIE	OSIP	OSIW	OSIE	OSIP	OSIW	OSIE	OSIP	OSIW	OSIE	OSIP	OSIW	OSIE	OSIP	OSIW		
Location ID	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24		
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	24	24	24		
Client ID	HQ-OSIE24-VOC-070918	HQ-OSIP24-VOC-070918	HQ-OSIW24-VOC-070918	HQ-OSIE24-VOC-071018	HQ-OSIP24-VOC-071018	HQ-OSIW24-VOC-071018	HQ-OSIE24-VOC-071118	HQ-OSIP24-VOC-071118	HQ-OSIW24-VOC-071118	HQ-OSIE24-VOC-071218	HQ-OSIP24-VOC-071218	HQ-OSIW24-VOC-071218	HQ-OSIE24-VOC-071318	HQ-OSIP24-VOC-071318	HQ-OSIW24-VOC-071318	HQ-OSIE24-VOC-071618	HQ-OSIP24-VOC-071618	HQ-OSIW24-VOC-071618	HQ-ODUP24-VOC-071618	HQ-OSIE24-VOC-071718	HQ-OSIP24-VOC-071718	HQ-OSIW24-VOC-071718	HQ-OSIE24-VOC-071818	HQ-OSIP24-VOC-071818	HQ-OSIW24-VOC-071818	HQ-OSIE24-VOC-071918	HQ-OSIP24-VOC-071918	HQ-ODUP24-VOC-071918	HQ-OSIW24-VOC-071918
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				
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
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	<1
Benzene	4.68	<0.6	<0.9	<0.9	<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	<0.6
Ethylbenzene	14.6	<0.9	<1	<1	<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	<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	<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	<1
Toluene	5,210	1	1	2	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	0.8	1	1	0.8	1	1	1	2	1	0.9	1	1	<0.8	<0.8	<0.8	<0.8	0.9	0.8	0.8
Xylenes, Total	104	<0.9	<1	<1	<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/m<sup>3</sup>)  
 n/a = not applicable. Weather data were not collected.  
 > - below analytical reporting limit (shown).

\*Associated sample (e.g., missing location, time, or duplication) not analyzed due to equipment malfunction  
 Average wind direction/speed/temperature measured at a sensor on the Quanta Property

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 - 2019 - Air Sampling Results  
 Quanta Resources Corporation Superfund Site, OU1  
 Offsite Locations - iPark  
 Edgewater, New Jersey

Constituent of Concern	Sample Date	7/20/2018			7/23/2018			7/24/2018			7/25/2018			7/26/2018			7/27/2018			7/30/2018			
		Location ID	OSIE	OSIP	OSIW	OSIE	OSIP	OSIW	OSIE	OSIP	OSIW	OSIE	OSIP	OSIW	OSIE	OSIP	OSIW	OSIE	OSIP	OSIW	OSIE	OSIP	OSIW
		Sample Exposure Time	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24
Client ID	HQ-OSIE24-VOC-072018	HQ-ODUP24-VOC-072018	HQ-OSIP24-VOC-072018	HQ-OSIW24-VOC-072018	HQ-OSIE24-VOC-072318	HQ-OSIP24-VOC-072318	HQ-OSIW24-VOC-072318	HQ-OSIE24-VOC-072418	HQ-OSIP24-VOC-072418	HQ-OSIW24-VOC-072418	HQ-OSIE24-VOC-072518	HQ-OSIP24-VOC-072518	HQ-OSIW24-VOC-072518	HQ-OSIE24-VOC-072618	HQ-OSIP24-VOC-072618	HQ-OSIW24-VOC-072618	HQ-OSIE24-VOC-072718	HQ-OSIP24-VOC-072718	HQ-OSIW24-VOC-072718	HQ-OSIE24-VOC-073018	HQ-OSIP24-VOC-073018	HQ-OSIW24-VOC-073018	HQ-ODUP24-VOC-073018
Average Wind Dir/Speed/Temp	SE/2.3 mph/82°F			SE/8.9 mph/81°F			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				
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	
1,3,5-Trimethylbenzene	62.6	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	
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	
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	
Isopropylbenzene	417	<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	
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	
Toluene	5,210	2	3	<0.8	<0.8	<0.8	2	<0.8	<0.8	<0.8	<0.8	0.8	<0.8	1	2	2	2	2	1	0.9	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	

Notes:  
 All data shown in micrograms per cubic meter (µg/m³)  
 n/a = not applicable. Weather data were not collected.  
 > - below analytical reporting limit (shown).

\*Associated sample (e.g., missing location, time, or duplication) not analyzed due to equipment malfunction  
 Average wind direction/speed/temperature measured at a sensor on the Quanta Property

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 - 2019 - Air Sampling Results  
 Quanta Resources Corporation Superfund Site, OU1  
 Offsite Locations - iPark  
 Edgewater, New Jersey

Sample Date	7/31/2018			8/1/2018*		8/2/2018			8/3/2018			8/6/2018			8/7/2018			8/8/2018*			8/9/2018			8/13/2018			8/14/2018				
	OSIE	OSIP	OSIW	OSIE	OSIP	OSIE	OSIP	OSIW	OSIE	OSIP	OSIW	OSIE	OSIP	OSIW	OSIE	OSIP	OSIW	OSIE	OSIP	OSIW	OSIE	OSIP	OSIW	OSIE	OSIP	OSIW	OSIE	OSIP	OSIW		
Location ID	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24		
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	24	24	24	24	24		
Client ID	HQ-OSIE24-VOC-073118	HQ-OSIP24-VOC-073118	HQ-OSIW24-VOC-073118	HQ-OSIE24-VOC-080118	HQ-OSIP24-VOC-080118	HQ-OSIE24-VOC-080218	HQ-OSIP24-VOC-080218	HQ-OSIW24-VOC-080218	HQ-OSIE24-VOC-080318	HQ-OSIP24-VOC-080318	HQ-OSIW24-VOC-080318	HQ-OSIE24-VOC-080618	HQ-OSIP24-VOC-080618	HQ-OSIW24-VOC-080618	HQ-OSIE24-VOC-080718	HQ-OSIP24-VOC-080718	HQ-OSIW24-VOC-080718	HQ-OSIE24-VOC-080818	HQ-OSIP24-VOC-080818	HQ-OSIW24-VOC-080918	HQ-OSIE24-VOC-080918	HQ-OSIP24-VOC-080918	HQ-OSIW24-VOC-081318	HQ-OSIE24-VOC-081318	HQ-OSIP24-VOC-081318	HQ-ODUP24-VOC-081318	HQ-OSIW24-VOC-081318	HQ-OSIE24-VOC-081418	HQ-OSIP24-VOC-081418	HQ-ODUP24-VOC-081418	HQ-OSIW24-VOC-081418
Average Wind Dir/Speed/Temp	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			WNW/5.2 mph/88°F			ENE/2.4 mph/75°F			S/4.2 mph/84°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	<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	<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	<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	<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	<1	<1	<1
Naphthalene	3.13	<1	<1	<1	<1	<1	<1	2	<1	<1	<1	<1	<1	<1	2	<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	<1	<1	<1
Toluene	5,210	<0.8	1	0.9	<0.8	0.8	1	2	1	<0.8	0.9	0.8	<1	1	2	2	2	2	2	1	1	1	1	1	1	1	1	1	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	3	<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.  
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 Average wind direction/speed/temperature measured at a sensor on the Quanta Property

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 - 2019 - Air Sampling Results  
 Quanta Resources Corporation Superfund Site, OU1  
 Offsite Locations - iPark  
 Edgewater, New Jersey

Constituent of Concern	Sample Date	8/16/2018			8/20/2018			8/21/2018			8/23/2018			8/27/2018			8/28/2018			8/29/2018						
		Location ID	OSIE	OSIP	OSIW	OSIE	OSIP	OSIW	OSIE	OSIP	OSIW	OSIE	OSIP	OSIW	OSIE	OSIP	OSIW	OSIE	OSIP	OSIW	OSIE	OSIP	OSIW			
		Sample Exposure Time	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24			
Client ID	HQ-OSIE24-VOC-081618	HQ-ODUP24-VOC-081618	HQ-OSIP24-VOC-081618	HQ-OSIW24-VOC-081618	HQ-OSIE24-VOC-082018	HQ-OSIP24-VOC-082018	HQ-OSIW24-VOC-082018	HQ-OSIE24-VOC-082118	HQ-OSIP24-VOC-082118	HQ-OSIW24-VOC-082118	HQ-OSIE24-VOC-082318	HQ-OSIP24-VOC-082318	HQ-OSIW24-VOC-082318	HQ-OSIE24-VOC-082718	HQ-OSIP24-VOC-082718	HQ-OSIW24-VOC-082718	HQ-ODUP24-VOC-082718	HQ-OSIE24-VOC-082818	HQ-OSIP24-VOC-082818	HQ-ODUP24-VOC-082818	HQ-OSIW24-VOC-082818	HQ-OSIE24-VOC-082918	HQ-ODUP24-VOC-082918	HQ-OSIP24-VOC-082918	HQ-OSIW24-VOC-082918	
Average Wind Dir/Speed/Temp	WNW/4.0 mph/90°F			E/2.8 mph/75°F			ESE/4.6 mph/80°F			NNW/4.8 mph/79°F			W/3.2 mph/90°F			SW/3.7 mph/96°F			SW/4.3 mph/96°F							
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	0.7	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	0.7	0.9	0.8	<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	1	1	1	1	0.9	0.8	<0.8	<0.8	<0.8	<0.8	2	0.8	2	1	2	2	2	1	1	1	0.9	1	0.9	1	0.9
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	

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 Offsite Locations - iPark  
 Edgewater, New Jersey

Sample Date	8/30/2018			9/4/2018			9/5/2018			9/6/2018			9/7/2018			9/10/2018			9/11/2018			9/12/2018			9/13/2018						
	OSIE	OSIP	OSIW	OSIE	OSIP	OSIW	OSIE	OSIP	OSIW	OSIP	OSIW	OSIE	OSIP	OSIW	OSIE	OSIP	OSIW	OSIE	OSIP	OSIW	OSIE	OSIP	OSIW	OSIE	OSIP	OSIW					
Location ID	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24				
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	24	24	24				
Client ID	HQ-OSIE24-VOC-083018	HQ-OSIP24-VOC-083018	HQ-OSIW24-VOC-083018	HQ-OSIE24-VOC-090418	HQ-OSIP24-VOC-090418	HQ-OSIW24-VOC-090418	HQ-OSIE24-VOC-090518	HQ-OSIP24-VOC-090518	HQ-OSIW24-VOC-090518	HQ-OSIP24-VOC-090618	HQ-OSIW24-VOC-090618	HQ-ODUP24-VOC-090618	HQ-OSIE24-VOC-090718	HQ-OSIP24-VOC-090718	HQ-ODUP24-VOC-090718	HQ-OSIW24-VOC-090718	HQ-OSIE24-VOC-091018	HQ-ODUP24-VOC-091018	HQ-OSIP24-VOC-091018	HQ-OSIW24-VOC-091018	HQ-OSIE24-VOC-091118	HQ-OSIP24-VOC-091118	HQ-OSIW24-VOC-091118	HQ-OSIE24-VOC-091218	HQ-OSIP24-VOC-091218	HQ-OSIW24-VOC-091218	HQ-ODUP24-VOC-091218	HQ-OSIE24-VOC-091318	HQ-OSIP24-VOC-091318	HQ-OSIW24-VOC-091318	
Average Wind Dir/Speed/Temp	E/3.7 mph/76°F			E/2.7 mph/94°F			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						
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	<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	<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	<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	<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	<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	<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	<1	<1	
Toluene	5,210	<0.8	0.8	<0.8	<0.8	0.8	0.9	0.9	1	1	0.8	2	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	0.9	2	3	3	1	1	1	<0.8	1	0.8	<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	<0.9	<0.9	

Notes:  
 All data shown in micrograms per cubic meter (µg/m³)  
 n/a = not applicable. Weather data were not collected.  
 > - below analytical reporting limit (shown).

\*Associated sample (e.g., missing location, time, or duplication) not analyzed due to equipment malfunction  
 Average wind direction/speed/temperature measured at a sensor on the Quanta Property

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 - 2019 - Air Sampling Results  
 Quanta Resources Corporation Superfund Site, OU1  
 Offsite Locations - IPark  
 Edgewater, New Jersey

Sample Date	9/14/2018			9/17/2018			9/18/2018			9/19/2018			9/20/2018			9/21/2018			9/24/2018			9/25/2018							
	OSIE	OSIP	OSIW	OSIE	OSIP	OSIW	OSIE	OSIP	OSIW	OSIE	OSIP	OSIW	OSIE	OSIP	OSIW	OSIE	OSIP	OSIW	OSIE	OSIP	OSIW	OSIE	OSIP	OSIW					
Location ID	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24					
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-OSIE24-VOC-091418	HQ-OSIP24-VOC-091418	HQ-OSIW24-VOC-091418	HQ-OSIE24-VOC-091718	HQ-OSIP24-VOC-091718	HQ-OSIW24-VOC-091718	HQ-ODUP24-VOC-091718	HQ-OSIE24-VOC-091818	HQ-OSIP24-VOC-091818	HQ-ODUP24-VOC-091818	HQ-OSIW24-VOC-091818	HQ-OSIE24-VOC-091918	HQ-ODUP24-VOC-091918	HQ-OSIP24-VOC-091918	HQ-OSIW24-VOC-091918	HQ-OSIE24-VOC-092018	HQ-OSIP24-VOC-092018	HQ-OSIW24-VOC-092018	HQ-OSIE24-VOC-092118	HQ-OSIP24-VOC-092118	HQ-OSIW24-VOC-092118	HQ-OSIE24-VOC-092418	HQ-OSIP24-VOC-092418	HQ-OSIW24-VOC-092418	HQ-OSIE24-VOC-092518	HQ-OSIP24-VOC-092518	HQ-OSIW24-VOC-092518	HQ-ODUP24-VOC-092518	
Average Wind Dir/Speed/Temp	E/3.3 mph/76°F			SE/3.6 mph/79°F			SW/3.6 mph/81°F			NE/2.7 mph/83°F			E/2.2 mph/75°F			S/4.6 mph/72°F			E/4.9 mph/69°F			SE/4.6 mph/74°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	<0.6	<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	0.7	<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	12	<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	1	1	2	<0.8	0.9	0.9	0.8	1	1	1	<0.8	<0.8	<0.8	<0.8	0.8	0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	0.9	<0.8	0.9	
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/m<sup>3</sup>)  
 n/a = not applicable. Weather data were not collected.  
 > - below analytical reporting limit (shown).

\*Associated sample (e.g., missing location, time, or duplication) not analyzed due to equipment malfunction  
 Average wind direction/speed/temperature measured at a sensor on the Quanta Property

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 - 2019 - Air Sampling Results  
 Quanta Resources Corporation Superfund Site, OU1  
 Offsite Locations - iPark  
 Edgewater, New Jersey

Constituent of Concern	Sample Date	9/27/2018			10/1/2018			10/2/2018			10/3/2018			10/4/2018			10/5/2018			10/8/2018			10/9/2018							
		Location ID	OSIE	OSIP	OSIW	OSIE	OSIP	OSIW	OSIE	OSIP	OSIW	OSIE	OSIP	OSIW	OSIE	OSIP	OSIW	OSIE	OSIP	OSIW	OSIE	OSIP	OSIW	OSIE	OSIP	OSIW				
		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-OSIE24-VOC-092718	HQ-OSIP24-VOC-092718	HQ-ODUP24-VOC-092718	HQ-OSIW24-VOC-092718	HQ-OSIE24-VOC-100118	HQ-ODUP24-VOC-100118	HQ-OSIP24-VOC-100118	HQ-OSIW24-VOC-100118	HQ-OSIE24-VOC-100218	HQ-OSIP24-VOC-100218	HQ-OSIW24-VOC-100218	HQ-OSIE24-VOC-100318	HQ-OSIP24-VOC-100318	HQ-OSIW24-VOC-100318	HQ-OSIE24-VOC-100418	HQ-OSIP24-VOC-100418	HQ-OSIW24-VOC-100418	HQ-OSIE24-VOC-100518	HQ-OSIP24-VOC-100518	HQ-OSIW24-VOC-100518	HQ-ODUP24-VOC-100518	HQ-OSIE24-VOC-100818	HQ-OSIP24-VOC-100818	HQ-ODUP24-VOC-100818	HQ-OSIW24-VOC-100818	HQ-OSIE24-VOC-100918	HQ-ODUP24-VOC-100918	HQ-OSIP24-VOC-100918	HQ-OSIW24-VOC-100918	
Average Wind Dir/Speed/Temp	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			E/3.9 mph/67°F			S/1.9 mph/77°F								
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	<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	<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	0.7	0.6	0.7	0.9	0.7	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	0.6	1	0.6	1
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	<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	<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	<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	<1	<1
Toluene	5,210	<0.8	<0.8	<0.8	2	2	2	2	1	1	0.9	2	2	2	2	2	2	0.8	0.9	1	1	1	1	1	1	1	1	1	1	3
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	3	<0.9	2	2	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

Notes:  
 All data shown in micrograms per cubic meter (µg/m<sup>3</sup>)  
 n/a = not applicable. Weather data were not collected.  
 > - below analytical reporting limit (shown).

\*Associated sample (e.g., missing location, time, or duplication) not analyzed due to equipment malfunction  
 Average wind direction/speed/temperature measured at a sensor on the Quanta Property

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 - 2019 - Air Sampling Results  
 Quanta Resources Corporation Superfund Site, OU1  
 Offsite Locations - iPark  
 Edgewater, New Jersey

Sample Date	10/10/2018			10/11/2018			10/12/2018			10/15/2018			10/16/2018			10/18/2018			10/22/2018			10/23/2018					
	OSIE	OSIP	OSIW	OSIE	OSIP	OSIW	OSIE	OSIP	OSIW	OSIE	OSIP	OSIW	OSIE	OSIP	OSIW	OSIE	OSIP	OSIW	OSIE	OSIP	OSIW	OSIE	OSIP	OSIW			
Location ID	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24			
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-OSIE24-VOC-101018	HQ-OSIP24-VOC-101018	HQ-OSIW24-VOC-101018	HQ-OSIE24-VOC-101118	HQ-OSIP24-VOC-101118	HQ-OSIW24-VOC-101118	HQ-OSIE24-VOC-101218	HQ-OSIP24-VOC-101218	HQ-OSIW24-VOC-101218	HQ-OSIE24-VOC-101518	HQ-OSIP24-VOC-101518	HQ-OSIW24-VOC-101518	HQ-ODUP24-VOC-101518	HQ-OSIE24-VOC-101618	HQ-OSIP24-VOC-101618	HQ-ODUP24-VOC-101618	HQ-OSIW24-VOC-101618	HQ-OSIE24-VOC-101818	HQ-ODUP24-VOC-101818	HQ-OSIP24-VOC-101818	HQ-OSIW24-VOC-101818	HQ-OSIE24-VOC-102218	HQ-OSIP24-VOC-102218	HQ-OSIW24-VOC-102218	HQ-OSIE24-VOC-102318	HQ-OSIP24-VOC-102318	HQ-OSIW24-VOC-102318
Average Wind Dir/Speed/Temp	S/3.6 mph/83°F			SSW/4.1 mph/79°F			NW/8.7 mph/63°F			SSW/3.8 mph/65°F			WNW/5.2 mph/56°F			NW/6.8 mph/51°F			SW/3.1 mph/51°F			SSW/3.4 mph/65°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	
1,3,5-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	
Benzene	4.68	<0.6	<0.6	0.9	<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	<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	
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	
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	
Toluene	5,210	1	1	2	1	2	2	<0.8	<0.8	<0.8	0.8	0.9	2	2	0.8	1	1	1	1	1	1	1	1	1	1	0.8	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	

Notes:  
 All data shown in micrograms per cubic meter (µg/m³)  
 n/a = not applicable. Weather data were not collected.  
 > - below analytical reporting limit (shown).

\*Associated sample (e.g., missing location, time, or duplication) not analyzed due to equipment malfunction  
 Average wind direction/speed/temperature measured at a sensor on the Quanta Property

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 - 2019 - Air Sampling Results  
 Quanta Resources Corporation Superfund Site, OU1  
 Offsite Locations - iPark  
 Edgewater, New Jersey

Sample Date	10/25/2018			10/29/2018			10/30/2018			11/1/2018			11/5/2018			11/6/2018			11/8/2018					
	OSIE	OSIP	OSIW	OSIE	OSIP	OSIW	OSIE	OSIP	OSIW	OSIE	OSIP	OSIW	OSIE	OSIP	OSIW	OSIE	OSIP	OSIW	OSIE	OSIP	OSIW			
Location ID	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24			
Sample Exposure Time	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24			
Client ID	HQ-OSIE24-VOC-102518	HQ-OSIP24-VOC-102518	HQ-OSIW24-VOC-102518	HQ-OSIE24-VOC-102918	HQ-OSIP24-VOC-102918	HQ-OSIW24-VOC-102918	HQ-OSIE24-VOC-103018	HQ-OSIP24-VOC-103018	HQ-OSIW24-VOC-103018	HQ-ODUP24-VOC-103018	HQ-OSIE24-VOC-110118	HQ-OSIP24-VOC-110118	HQ-ODUP24-VOC-110118	HQ-OSIW24-VOC-110118	HQ-OSIE24-VOC-110518	HQ-ODUP24-VOC-110518	HQ-OSIP24-VOC-110518	HQ-OSIW24-VOC-110518	HQ-OSIE24-VOC-110618	HQ-OSIP24-VOC-110618	HQ-OSIW24-VOC-110618	HQ-OSIE24-VOC-110818	HQ-OSIP24-VOC-110818	HQ-OSIW24-VOC-110818
Average Wind Dir/Speed/Temp	NW/5.7 mph/52°F			WSW/5.0 mph/57°F			WNW/6.4 mph/56°F			S/2.9 mph/72°F			E/5.5 mph/53°F			ESE/3.4 mph/59°F			NW/3.7 mph/58°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	
1,3,5-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	
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	0.8	0.8	<0.6	<0.6	<0.6	<0.6	<0.6	0.8	0.7	<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
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	0.8	0.8	0.8	1	2	1	2	2	2	3	2	0.9	0.9	1	0.8	2	2	2	2	2
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/m<sup>3</sup>)  
 n/a = not applicable. Weather data were not collected.  
 > - below analytical reporting limit (shown).  
 \*Associated sample (e.g., missing location, time, or duplication) not analyzed due to equipment malfunction  
 Average wind direction/speed/temperature measured at a sensor on the Quanta Property  
 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 - 2019 - Air Sampling Results  
 Quanta Resources Corporation Superfund Site, OU1  
 Offsite Locations - iPark  
 Edgewater, New Jersey

Sample Date	11/12/2018			11/13/2018				11/14/2018			11/15/2018			11/16/2018			11/19/2018			11/20/2018			11/26/2018						
	OSIE	OSIP	OSIW	OSIE	OSIP	OSIW	OSIE	OSIP	OSIW	OSIE	OSIP	OSIW	OSIE	OSIP	OSIW	OSIE	OSIP	OSIW	OSIE	OSIP	OSIW	OSIE	OSIP	OSIW					
Location ID	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24					
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-OSIE24-VOC-111218	HQ-OSIP24-VOC-111218	HQ-OSIW24-VOC-111218	HQ-OSIE24-VOC-111318	HQ-OSIP24-VOC-111318	HQ-OSIW24-VOC-111318	HQ-ODUP24-VOC-111318	HQ-OSIE24-VOC-111418	HQ-OSIP24-VOC-111418	HQ-ODUP24-VOC-111418	HQ-OSIW24-VOC-111418	HQ-OSIE24-VOC-111518	HQ-ODUP24-VOC-111518	HQ-OSIP24-VOC-111518	HQ-OSIW24-VOC-111518	HQ-OSIE24-VOC-111618	HQ-OSIP24-VOC-111618	HQ-OSIW24-VOC-111618	HQ-OSIE24-VOC-111918	HQ-OSIP24-VOC-111918	HQ-OSIW24-VOC-111918	HQ-OSIE24-VOC-112018	HQ-OSIP24-VOC-112018	HQ-OSIW24-VOC-112018	HQ-OSIE24-VOC-112618	HQ-OSIP24-VOC-112618	HQ-OSIW24-VOC-112618	HQ-ODUP24-VOC-112618	
Average Wind Dir/Speed/Temp	SW/3.3 mph/49°F			NNW/5.1 mph/48°F				NNW/7.1 mph/40°F			ENE/3.0 mph/34°F			NW/68 mph/45°F			NW/2.5 mph/52°F			NW/5.2 mph/47°F			E/4.9 mph/69°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
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	<1
Benzene	4.68	0.9	1	0.9	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	0.8	<0.6	1	1	1	<0.6	0.7	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	<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	<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	<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	<1
Toluene	5,210	1	2	1	<0.8	0.9	0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	0.8	<0.8	0.8	2	2	2	1	1	1	0.8	1	0.8	1	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	<0.9

Notes:  
 All data shown in micrograms per cubic meter (µg/m³)  
 n/a = not applicable. Weather data were not collected.  
 > - below analytical reporting limit (shown).

\*Associated sample (e.g., missing location, time, or duplication) not analyzed due to equipment malfunction  
 Average wind direction/speed/temperature measured at a sensor on the Quanta Property

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 - 2019 - Air Sampling Results  
 Quanta Resources Corporation Superfund Site, OU1  
 Offsite Locations - iPark  
 Edgewater, New Jersey

Sample Date	11/27/2018			11/29/2018			12/3/2018			12/4/2018			12/6/2018			12/10/2018			12/11/2018			12/13/2018			12/17/2018				
	Location ID	OSIE	OSIP	OSIW	OSIE	OSIP	OSIW	OSIE	OSIP	OSIW	OSIE	OSIP	OSIW	OSIE	OSIP	OSIW	OSIE	OSIP	OSIW	OSIE	OSIP	OSIW	OSIE	OSIP	OSIW	OSIE	OSIP	OSIW	
Sample Exposure Time	24			24			24			24			24			24			24			24			24			24	
Client ID	HQ-OSIE24-VOC-112718	HQ-OSIP24-VOC-112718	HQ-ODUP24-VOC-112718	HQ-OSIW24-VOC-112718	HQ-OSIE24-VOC-112918	HQ-ODUP24-VOC-112918	HQ-OSIP24-VOC-112918	HQ-OSIW24-VOC-112918	HQ-OSIE24-VOC-1203018	HQ-OSIP24-VOC-120318	HQ-OSIW24-VOC-120318	HQ-OSIE24-VOC-1204018	HQ-OSIP24-VOC-120418	HQ-OSIW24-VOC-120418	HQ-OSIE24-VOC-1206018	HQ-OSIP24-VOC-120618	HQ-OSIW24-VOC-120618	HQ-OSIE24-VOC-1210018	HQ-OSIP24-VOC-121018	HQ-OSIW24-VOC-121018	HQ-OSIE24-VOC-121118	HQ-OSIP24-VOC-121118	HQ-OSIW24-VOC-121118	HQ-OSIE24-VOC-121318	HQ-OSIP24-VOC-121318	HQ-OSIW24-VOC-121318	HQ-OSIE24-VOC-121718	HQ-OSIP24-VOC-121718	HQ-OSIW24-VOC-121718
Average Wind Dir/Speed/Temp	W/7.2 mph/45°F			NW/8.0 mph/45°F			W/1.4 mph/42°F			NW/6.6 mph/42°F			WSW/4.0 mph/40°F			N/3.4 mph/42°F			n/a			ENE/3.8 mph/46°F			WNW/6.7 mph/47°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
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	<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	0.7	0.8	0.9	0.7	0.8	0.7	<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	<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	<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	<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	<1
Toluene	5,210	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	0.8	0.9	0.8	0.8	<0.8	1	1	1	0.9	0.9	1	1	2	2	2	<0.8	0.8	0.8	<0.8	<0.8	<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	<0.9

Notes:  
 All data shown in micrograms per cubic meter (µg/m<sup>3</sup>)  
 n/a = not applicable. Weather data were not collected.  
 > - below analytical reporting limit (shown).

\*Associated sample (e.g., missing location, time, or duplication) not analyzed due to equipment malfunction  
 Average wind direction/speed/temperature measured at a sensor on the Quanta Property

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 - 2019 - Air Sampling Results  
 Quanta Resources Corporation Superfund Site, OU1  
 Offsite Locations - iPark  
 Edgewater, New Jersey

Sample Date	12/18/2018			12/20/2018			1/3/2019			1/7/2019			1/8/2019			1/10/2019			1/14/2019			1/15/2019			1/16/2019					
	OSIE	OSIP	OSIW	OSIE	OSIP	OSIW	OSIE	OSIP	OSIW	OSIE	OSIP	OSIW	OSIE	OSIP	OSIW	OSIE	OSIP	OSIW	OSIE	OSIP	OSIW	OSIE	OSIP	OSIW	OSIE	OSIP	OSIW			
Location ID	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24			
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	24	24	24			
Client ID	HQ-OSIE24-VOC-121818	HQ-OSIP24-VOC-121818	HQ-OSIW24-VOC-121818	HQ-OSIE24-VOC-122018	HQ-OSIP24-VOC-122018	HQ-OSIW24-VOC-122018	HQ-OSIE24-VOC-010319	HQ-OSIP24-VOC-010319	HQ-OSIW24-VOC-010319	HQ-ODUP24-VOC-010319	HQ-OSIE24-VOC-010719	HQ-OSIP24-VOC-010719	HQ-ODUP24-VOC-010719	HQ-OSIW24-VOC-010719	HQ-OSIE24-VOC-010819	HQ-ODUP24-VOC-010819	HQ-OSIP24-VOC-010819	HQ-OSIW24-VOC-010819	HQ-OSIE24-VOC-011019	HQ-OSIP24-VOC-011019	HQ-OSIW24-VOC-011019	HQ-OSIE24-VOC-011419	HQ-OSIP24-VOC-011419	HQ-OSIW24-VOC-011419	HQ-OSIE24-VOC-011519	HQ-OSIP24-VOC-011519	HQ-OSIW24-VOC-011519	HQ-OSIE24-VOC-011619	HQ-OSIP24-VOC-011619	HQ-OSIW24-VOC-011619
Average Wind Dir/Speed/Temp	NW/8.5 mph/36°F			NE/1.2 mph/45°F			NW/5.5 mph/44°F			N/3.3 mph/32°F			N/1.9 mph/42°F			NW/9.8 mph/34°F			N/3.5 mph/35°F			N/2.8 mph/37°F			WSW/4.4 mph/40°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	<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	<1	<1
Benzene	4.68	<0.6	<0.6	<0.6	2	1	0.7	0.8	0.7	0.7	0.6	0.7	0.7	<0.6	1	1	1	<0.6	<0.6	<0.6	0.7	0.7	0.7	1	1	1	<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	<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	<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	<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	<1	<1
Toluene	5,210	1	<0.8	<0.8	3	3	0.9	1	1	0.9	<0.8	0.9	0.9	<0.8	2	2	2	<0.8	<0.8	<0.8	1	1	1	2	2	2	0.8	0.8	0.8	0.8
Xylenes, Total	104	<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	<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/m<sup>3</sup>)  
 n/a = not applicable. Weather data were not collected.  
 > - below analytical reporting limit (shown).

\*Associated sample (e.g., missing location, time, or duplication) not analyzed due to equipment malfunction  
 Average wind direction/speed/temperature measured at a sensor on the Quanta Property

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 - 2019 - Air Sampling Results  
 Quanta Resources Corporation Superfund Site, OU1  
 Offsite Locations - iPark  
 Edgewater, New Jersey

Sample Date	1/17/2019			1/18/2019			1/21/2019			1/22/2019			1/23/2019			1/24/2019			1/25/2019			1/28/2019			1/29/2019						
	OSIE	OSIP	OSIW	OSIE	OSIP	OSIW	OSIE	OSIP	OSIW	OSIE	OSIP	OSIW	OSIE	OSIP	OSIW	OSIE	OSIP	OSIW	OSIE	OSIP	OSIW	OSIE	OSIP	OSIW	OSIE	OSIP					
Location ID	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24					
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	24	24					
Client ID	HQ-OSIE24-VOC-011719	HQ-OSIP24-VOC-011719	HQ-OSIW24-VOC-011719	HQ-OSIE24-VOC-011819	HQ-OSIP24-VOC-011819	HQ-ODUP24-VOC-011819	HQ-OSIW24-VOC-011819	HQ-OSIE24-VOC-012119	HQ-OSIP24-VOC-012119	HQ-OSIW24-VOC-012119	HQ-ODUP24-VOC-012119	HQ-OSIE24-VOC-012219	HQ-OSIP24-VOC-012219	HQ-OSIW24-VOC-012219	HQ-OSIE24-VOC-012319	HQ-OSIP24-VOC-012319	HQ-OSIW24-VOC-012319	HQ-OSIE24-VOC-012419	HQ-OSIP24-VOC-012419	HQ-OSIW24-VOC-012419	HQ-ODUP24-VOC-012419	HQ-OSIE24-VOC-012519	HQ-OSIP24-VOC-012519	HQ-ODUP24-VOC-012519	HQ-OSIW24-VOC-012519	HQ-OSIE24-VOC-012819	HQ-ODUP24-VOC-012819	HQ-OSIP24-VOC-012819	HQ-OSIW24-VOC-012819	HQ-OSIE24-VOC-012919	HQ-OSIP24-VOC-012919
Average Wind Dir/Speed/Temp	ENE/2.8 mph/34°F			ENE/1.3 mph/38°F			NW/12.4 mph/14°F			N/2.8 mph/37°F			SSW/3.3mph/45°F			S/7.5 mph/58°F			W/6.1 mph/39°F			NE/3.1 mph/32°F			E/5.0 mph/42°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	<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	<1	<1	
Benzene	4.68	<0.6	0.7	0.7	1	1	1	1	<0.6	<0.6	<0.6	<0.6	0.7	0.7	0.7	0.8	0.9	<0.6	<0.6	<0.6	0.7	<0.6	<0.6	<0.6	<0.6	0.7	0.8	0.8	0.7	0.9	
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	<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	<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	<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	<1	<1	
Toluene	5,210	<0.8	0.8	<0.8	1	1	1	1	2	<0.8	<0.8	<0.8	<0.8	0.8	0.9	1	1	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	0.9	<0.8	0.8	0.9	0.9	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	<0.9	<0.9	<0.9	<0.9	<0.9	

Notes:  
 All data shown in micrograms per cubic meter (µg/m<sup>3</sup>)  
 n/a = not applicable. Weather data were not collected.  
 > - below analytical reporting limit (shown).

\*Associated sample (e.g., missing location, time, or duplication) not analyzed due to equipment malfunction  
 Average wind direction/speed/temperature measured at a sensor on the Quanta Property

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 - 2019 - Air Sampling Results  
 Quanta Resources Corporation Superfund Site, OU1  
 Offsite Locations - iPark  
 Edgewater, New Jersey

Sample Date	2/1/2019			2/4/2019			2/5/2019			2/6/2019			2/7/2019			2/11/2019			2/12/2019			2/14/2019			2/18/2019						
Location ID	OSIW	OSIE	OSIP	OSIW	OSIE	OSIP	OSIW	OSIE	OSIP	OSIW	OSIE	OSIP	OSIW	OSIE	OSIP	OSIW	OSIE	OSIP	OSIW	OSIE	OSIP	OSIW	OSIE	OSIP	OSIW	OSIE	OSIP	OSIW			
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	24	24	24	24			
Client ID	HQ-OSIW24-VOC-012919	HQ-OSIE24-VOC-020119	HQ-OSIP24-VOC-020119	HQ-OSIW24-VOC-020119	HQ-OSIE24-VOC-020419	HQ-OSIP24-VOC-020419	HQ-OSIW24-VOC-020419	HQ-OSIE24-VOC-020519	HQ-OSIP24-VOC-020519	HQ-OSIW24-VOC-020519	HQ-OSIE24-VOC-020619	HQ-OSIP24-VOC-020619	HQ-OSIW24-VOC-020619	HQ-OSIE24-VOC-021119	HQ-OSIP24-VOC-021119	HQ-OSIW24-VOC-021119	HQ-OSIE24-VOC-021119	HQ-OSIP24-VOC-021119	HQ-OSIW24-VOC-021119	HQ-OSIE24-VOC-021219	HQ-OSIP24-VOC-021219	HQ-OSIW24-VOC-021219	HQ-OSIE24-VOC-021419	HQ-ODUP24-VOC-021419	HQ-OSIP24-VOC-021419	HQ-OSIW24-VOC-021419	HQ-OSIE24-VOC-021819	HQ-OSIP24-VOC-021819	HQ-OSIW24-VOC-021819		
Average Wind Dir/Speed/Temp	W/3.5 mph/21°F			S/3.1 mph/60°F			SSE/3.0 mph/64°F			E/2.9 mph/48°F			E/1.6 mph/44°F			NE/1.9 mph/38°F			E/6.5 mph/30°F			W/5.8 mph/46°F			WNW/4.7 mph/41°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		
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	<1		
Benzene	4.68	0.8	0.8	1	0.8	2	2	2	1	1	2	0.7	0.8	0.7	0.8	0.8	0.8	0.7	0.7	0.7	0.7	0.6	0.6	0.7	<0.6	0.6	<0.6	0.8	0.7	<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	<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	<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	<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	<1	<1	
Toluene	5,210	1	<0.8	<0.8	<0.8	3	3	3	2	2	2	<0.8	<0.8	<0.8	<0.8	1	1	1	0.8	0.8	0.8	<0.8	0.8	0.8	0.8	<0.8	<0.8	0.9	1	<0.8	<0.8
Xylenes, Total	104	<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	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	

Notes:  
 All data shown in micrograms per cubic meter (µg/m<sup>3</sup>)  
 n/a = not applicable. Weather data were not collected.  
 > - below analytical reporting limit (shown).

\*Associated sample (e.g., missing location, time, or duplication) not analyzed due to equipment malfunction  
 Average wind direction/speed/temperature measured at a sensor on the Quanta Property

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 - 2019 - Air Sampling Results  
 Quanta Resources Corporation Superfund Site, OU1  
 Offsite Locations - iPark  
 Edgewater, New Jersey

Sample Date	2/19/2019			2/21/2019			2/25/2019			2/26/2019			2/28/2019			3/4/2019			3/5/2019			3/7/2019			3/11/2019				
	OSIE	OSIP	OSIW	OSIE	OSIP	OSIW	OSIE	OSIP	OSIW	OSIE	OSIP	OSIW	OSIE	OSIP	OSIW	OSIE	OSIP	OSIW	OSIE	OSIP	OSIW	OSIE	OSIP	OSIW	OSIE	OSIP	OSIW		
Location ID	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24		
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	24	24	24		
Client ID	HQ-OSIE24-VOC-021919	HQ-OSIP24-VOC-021919	HQ-OSIW24-VOC-021919	HQ-OSIE24-VOC-022119	HQ-OSIP24-VOC-022119	HQ-OSIW24-VOC-022119	HQ-OSIE24-VOC-022519	HQ-OSIP24-VOC-022519	HQ-OSIW24-VOC-022519	HQ-OSIE24-VOC-022619	HQ-OSIP24-VOC-022619	HQ-OSIW24-VOC-022619	HQ-OSIE24-VOC-022819	HQ-OSIP24-VOC-022819	HQ-OSIW24-VOC-022819	HQ-OSIE24-VOC-030419	HQ-OSIP24-VOC-030419	HQ-OSIW24-VOC-030419	HQ-OSIE24-VOC-030519	HQ-OSIP24-VOC-030519	HQ-OSIW24-VOC-030519	HQ-ODUP24-VOC-030519	HQ-OSIE24-VOC-030719	HQ-OSIP24-VOC-030719	HQ-OSIW24-VOC-030719	HQ-OSIE24-VOC-031119	HQ-OSIP24-VOC-031119	HQ-ODUP24-VOC-031119	HQ-OSIW24-VOC-031119
Average Wind Dir/Speed/Temp	NW/6.5 mph/36°F			WSW/3.7 mph/53°F			WNW/11.1 mph/42°F			WNW/8.1 mph/37°F			N/5.3 mph/37°F			n/a			WSW/4.3 mph/32°F			W/5.5 mph/32°F			WSW/5.9 mph/52°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
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	<1
Benzene	4.68	<0.6	<0.6	<0.6	<0.6	0.8	0.7	<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	<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	<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	<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	<1
Toluene	5,210	<0.8	<0.8	<0.8	<0.8	0.9	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	0.9	0.9	0.8	<0.8	<0.8	<0.8	<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	<0.9

Notes:  
 All data shown in micrograms per cubic meter (µg/m<sup>3</sup>)  
 n/a = not applicable. Weather data were not collected.  
 > - below analytical reporting limit (shown).

\*Associated sample (e.g., missing location, time, or duplication) not analyzed due to equipment malfunction  
 Average wind direction/speed/temperature measured at a sensor on the Quanta Property

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 - 2019 - Air Sampling Results  
 Quanta Resources Corporation Superfund Site, OU1  
 Offsite Locations - iPark  
 Edgewater, New Jersey

Sample Date	3/12/2019			3/14/2019			3/18/2019			3/19/2019			3/21/2019			3/25/2019			3/28/2019			4/1/2019						
	Location ID	OSIE	OSIP	OSIW	OSIE	OSIP	OSIW	OSIE	OSIP	OSIW	OSIE	OSIP	OSIW	OSIE	OSIP	OSIW	OSIE	OSIP	OSIW	OSIE	OSIP	OSIW	OSIE	OSIP	OSIW			
Sample Exposure Time	24			24			24			24			24			24			24			24			24			
Client ID	HQ-OSIE24-VOC-031219	HQ-ODUP24-VOC-031219	HQ-OSIP24-VOC-031219	HQ-OSIW24-VOC-031219	HQ-OSIE24-VOC-031419	HQ-OSIP24-VOC-031419	HQ-OSIW24-VOC-031419	HQ-ODUP24-VOC-031419	HQ-OSIE24-VOC-031819	HQ-OSIP24-VOC-031819	HQ-OSIW24-VOC-031819	HQ-OSIE24-VOC-031919	HQ-OSIP24-VOC-031919	HQ-OSIW24-VOC-031919	HQ-OSIE24-VOC-032119	HQ-OSIP24-VOC-032119	HQ-OSIW24-VOC-032119	HQ-OSIE24-VOC-032519	HQ-OSIP24-VOC-032519	HQ-OSIW24-VOC-032519	HQ-OSIE24-VOC-032819	HQ-OSIP24-VOC-032819	HQ-ODUP24-VOC-032819	HQ-OSIW24-VOC-032819	HQ-OSIE24-VOC-040119	HQ-OSIP24-VOC-040119	HQ-OSIW24-VOC-040119	
Average Wind Dir/Speed/Temp	NW/7.6 mph/43°F			N/6.7 mph/40°F			W/NW/4.9 mph/46°F			W/3.4 mph/49°F			E/3.5 mph/46°F			N/3.4 mph/52°F			S/5.1 mph/50°F			NW/9.8 mph/46°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	0.7	<0.6	<0.6	0.7	0.7	0.7	0.7	<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	<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	<0.8	<0.8	<0.8	0.8	1	1	1	1	1	1	0.9	1	0.9	0.8	0.9	0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<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/m<sup>3</sup>)  
 n/a = not applicable. Weather data were not collected.  
 > - below analytical reporting limit (shown).

\*Associated sample (e.g., missing location, time, or duplication) not analyzed due to equipment malfunction  
 Average wind direction/speed/temperature measured at a sensor on the Quanta Property

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 - 2019 - Air Sampling Results  
 Quanta Resources Corporation Superfund Site, OU1  
 Offsite Locations - iPark  
 Edgewater, New Jersey

Sample Date	4/2/2019			4/3/2019			4/4/2019			4/5/2019			4/8/2019			4/9/2019			4/11/2019			4/15/2019			4/16/2019			4/17/2019			
	OSIE	OSIP	OSIW	OSIE	OSIP	OSIW	OSIE	OSIP	OSIW	OSIE	OSIP	OSIW	OSIE	OSIP	OSIW	OSIE	OSIP	OSIW	OSIE	OSIP	OSIW	OSIE	OSIP	OSIW	OSIE	OSIP	OSIW	OSIE	OSIP	OSIW	
Location ID	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24		
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	24	24	24	24	24		
Client ID	HQ-OSIE24-VOC-040219	HQ-OSIP24-VOC-040219	HQ-OSIW24-VOC-040219	HQ-ODUP24-VOC-040219	HQ-OSIE24-VOC-040319	HQ-OSIP24-VOC-040319	HQ-OSIW24-VOC-040319	HQ-OSIE24-VOC-040419	HQ-OSIP24-VOC-040419	HQ-OSIW24-VOC-040419	HQ-OSIE24-VOC-040519	HQ-OSIP24-VOC-040519	HQ-OSIW24-VOC-040519	HQ-OSIE24-VOC-040819	HQ-OSIP24-VOC-040819	HQ-OSIW24-VOC-040819	HQ-OSIE24-VOC-040919	HQ-OSIP24-VOC-040919	HQ-OSIW24-VOC-040919	HQ-OSIE24-VOC-041119	HQ-OSIP24-VOC-041119	HQ-OSIW24-VOC-041119	HQ-OSIE24-VOC-041519	HQ-OSIP24-VOC-041519	HQ-OSIW24-VOC-041519	HQ-OSIE24-VOC-041619	HQ-OSIP24-VOC-041619	HQ-OSIW24-VOC-041619	HQ-OSIE24-VOC-041719	HQ-OSIP24-VOC-041719	HQ-OSIW24-VOC-041719
Average Wind Dir/Speed/Temp	SE/7.2 mph/49°F			W/7.1 mph/66°F			NW/6.5 mph/59°F			E/4.3 mph/42°F			S/3.8 mph/78°F			ESE/4.0 mph/51°F			E/2.5 mph/52°F			WSW/5.2 mph/64°F			NW/8.8 mph/65°F			ESE/2.9 mph/61°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	<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	<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	<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	<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	<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	<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	<1	<1	
Toluene	5,210	<0.8	<0.8	0.8	1	<0.8	<0.8	<0.8	<0.8	<0.8	0.9	0.8	0.8	0.8	1	0.9	1	1	1	0.8	1	0.9	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<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	<0.9	<0.9	

Notes:  
 All data shown in micrograms per cubic meter (µg/m<sup>3</sup>)  
 n/a = not applicable. Weather data were not collected.  
 > - below analytical reporting limit (shown).

\*Associated sample (e.g., missing location, time, or duplication) not analyzed due to equipment malfunction  
 Average wind direction/speed/temperature measured at a sensor on the Quanta Property

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 - 2019 - Air Sampling Results  
 Quanta Resources Corporation Superfund Site, OU1  
 Offsite Locations - iPark  
 Edgewater, New Jersey

Sample Date	4/18/2019				4/22/2019		
	OSIE	OSIP	OSIW		OSIE	OSIP	OSIW
Location ID	24	24	24		24	24	24
Sample Exposure Time	24	24	24		24	24	24
Client ID	HQ-OSIE24- VOC-041819	HQ-OSIP24- VOC-041819	HQ-OSIW24- VOC-041819	HQ-ODUP24- VOC-041819	HQ-OSIE24- VOC-042219	HQ-OSIP24- VOC-042219	HQ-OSIW24- VOC-042219
Average Wind Dir/Speed/Temp	ESE/5.7 mph/60°F					N/3.7 mph/65°F	
Constituent of Concern							
24-hour exposure							
1,2,4-Trimethylbenzene	62.6	< 1	< 1	< 1	< 1	< 1	< 1
1,3,5-Trimethylbenzene	62.6	< 1	< 1	< 1	< 1	< 1	< 1
Benzene	4.68	< 0.6	0.7	0.7	< 0.6	< 0.6	< 0.6
Ethylbenzene	14.6	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9
Isopropylbenzene	417	< 1	< 1	< 1	< 1	< 1	< 1
Naphthalene	3.13	< 1	< 1	< 1	< 1	< 1	< 1
n-Propylbenzene	1,040	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	5,210	3	2	2	1	1	1
Xylenes, Total	104	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9

Notes:  
 All data shown in micrograms per cubic meter (µg/m<sup>3</sup>)  
 n/a = not applicable. Weather data were not collected.  
 > - below analytical reporting limit (shown).

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Average wind direction/speed/temperature measured at a sensor on the Quanta Property

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.