

**Air Sampling Results March 16, 2018 - July 6, 2018**  
 Quanta Resources Corporation Superfund Site, OU1  
 Offsite Locations - Independence Harbor  
 Edgewater, New Jersey

Constituent of Concern	Risk Screening Level	3/16/2018				3/19/2018				3/20/2018			
		OSHE		OSHW		OSHE		OSHW		OSHE		OSHW	
		10	24	10	24	10	24	10	24	10	24	10	24
		Client ID	HQ-OSHE10-VOC-031618	HQ-OSHE24-VOC-031618	HQ-OSHW10-VOC-031618	HQ-OSHW24-VOC-031618	HQ-OSHE10-VOC-031918	HQ-OSHE24-VOC-031918	HQ-OSHW10-VOC-031918	HQ-OSHW24-VOC-031918	HQ-OSHE10-VOC-032018	HQ-OSHE24-VOC-032018	HQ-OSHW10-VOC-032018
Average Wind Dir/Speed/Temp		NW/9.1 mph/39°F				NNW/4.2 mph/47°F				ENE/3.3 mph/34°F			
10-hour exposure		24-hour exposure											
1,2,4-Trimethylbenzene	23.6	TBD	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,3,5-Trimethylbenzene	23.6	TBD	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Benzene	20.2	TBD	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	0.7	0.7	0.8	< 0.6	1
Ethylbenzene	62.9	TBD	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9
Isopropylbenzene	1350	TBD	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Naphthalene	4.62	3.13	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
n-Propylbenzene	3370	TBD	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	16800	TBD	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	0.8	< 0.8	1	0.8	2
Xylenes, Total	337	TBD	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	1	< 0.9	1

Notes:

n/a = not applicable. Weather data were not collected April 2, 2018 due to construction activities.

All data shown in micrograms per cubic meter (µg/m<sup>3</sup>)

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 10 hours per day for 1.5 year.

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.

**Air Sampling Results March 16, 2018 - July 6, 2018**  
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 Offsite Locations - Independence Harbor  
 Edgewater, New Jersey

Constituent of Concern	Risk Screening Level	3/23/2018				3/26/2018				3/27/2018				3/28/2018					
		OSHE		OSHW		OSHE		OSHW		OSHE		OSHW		OSHE		OSHW			
		10	24	10	24	10	24	10	24	10	24	10	24	10	24	10	24		
		Client ID	HQ-OSHE10-VOC-032318	HQ-OSHE24-VOC-032318	HQ-OSHW10-VOC-032318	HQ-OSHW24-VOC-032318	HQ-OSHE10-VOC-032618	HQ-FDUP10-VOC-032618	HQ-OSHE24-VOC-032618	HQ-FDUP24-VOC-032618	HQ-OSHW10-VOC-032618	HQ-OSHW24-VOC-032618	HQ-OSHE10-VOC-032718	HQ-OSHE24-VOC-032718	HQ-OSHW10-VOC-032718	HQ-OSHW24-VOC-032718	HQ-OSHE10-VOC-032818	HQ-OSHE24-VOC-032818	HQ-OSHW10-VOC-032818
Average Wind Dir/Speed/Temp	NW/5.3 mph/48°F				ESE/4.0 mph/50°F				SE/3.6 mph/44°F				S/3.4 mph/49°F						
	10-hour exposure	24-hour exposure																	
1,2,4-Trimethylbenzene	23.6	TBD	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,3,5-Trimethylbenzene	23.6	TBD	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Benzene	20.2	TBD	<0.6	<0.6	0.8	<0.6	<0.6	<0.6	<0.6	0.8	0.8	0.9	<0.6	0.8	0.8	<0.6	0.7	0.7	0.9
Ethylbenzene	62.9	TBD	<0.9	<0.9	<0.9	<0.9	<0.9	<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	1350	TBD	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Naphthalene	4.62	3.13	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
n-Propylbenzene	3370	TBD	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Toluene	16800	TBD	1	<0.8	1	<0.8	0.9	0.8	<0.8	0.8	1	1	1	1	1	1	1	1	2
Xylenes, Total	337	TBD	<0.9	<0.9	1	<0.9	<0.9	<0.9	<0.9	<0.9	1	0.9	1	<0.9	1	1	<0.9	1	1

Notes:

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All data shown in micrograms per cubic meter (µg/m<sup>3</sup>)

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

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**Air Sampling Results March 16, 2018 - July 6, 2018**  
 Quanta Resources Corporation Superfund Site, OU1  
 Offsite Locations - Independence Harbor  
 Edgewater, New Jersey

Constituent of Concern	Risk Screening Level	Sample Date		3/29/2018						3/30/2018				4/2/2018				4/3/2018						
		Location ID	OSHE	OSHE		OSHW		OSHW		OSHE		OSHW		OSHE		OSHW		OSHE		OSHW				
		Sample Exposure Time	10	24	10		24		10		24		10		24		10		24		10		24	
		Client ID	HQ-OSHE10-VOC-032918	HQ-OSHE24-VOC-032918	HQ-OSHW10-VOC-032918	HQ-FDUP10-VOC-032918	HQ-OSHW24-VOC-032918	HQ-FDUP24-VOC-032918	HQ-OSHE10-VOC-033018	HQ-OSHE24-VOC-033018	HQ-OSHW10-VOC-033018	HQ-OSHW24-VOC-033018	HQ-OSHE10-VOC-040218	HQ-OSHE24-VOC-040218	HQ-OSHW10-VOC-040218	HQ-OSHW24-VOC-040218	HQ-OSHE10-VOC-040318	HQ-OSHE24-VOC-040318	HQ-OSHW10-VOC-040318	HQ-OSHW24-VOC-040318	HQ-OSHE10-VOC-040318	HQ-OSHE24-VOC-040318	HQ-OSHW10-VOC-040318	HQ-OSHW24-VOC-040318
Average Wind Dir/Speed/Temp	ESE/2.4 mph/52°F						NNW/4.4 mph/60°F				n/a				ESE/4.4 mph/42°F									
10-hour exposure		24-hour exposure																						
1,2,4-Trimethylbenzene	23.6	TBD	<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	23.6	TBD	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	
Benzene	20.2	TBD	1	0.9	1	2	1	13	1	<0.6	0.9	<0.6	<0.6	<0.6	0.8	0.7	0.8	0.6	0.9	0.9	0.9	0.9	0.9	
Ethylbenzene	62.9	TBD	<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	
Isopropylbenzene	1350	TBD	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	
Naphthalene	4.62	3.13	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	3	<1	<1	<1	<1	
n-Propylbenzene	3370	TBD	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	
Toluene	16800	TBD	2	2	3	3	2	20	2	0.8	1	1	<0.8	0.9	1	1	1	1	1	1	2	1	1	
Xylenes, Total	337	TBD	2	1	2	2	2	9	1	<0.9	1	<0.9	<0.9	<0.9	1	1	1	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	

Notes:

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All data shown in micrograms per cubic meter (µg/m<sup>3</sup>)

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

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 Edgewater, New Jersey

Sample Date	4/4/2018						4/5/2018						4/6/2018																							
	OSHE		OSHR		OSHW		OSHE		OSHR		OSHW		OSHE		OSHR		OSHW																			
	10	24	10	24	10	24	10	24	10	24	10	24	10	24	10	24	10	24																		
Location ID	HQ-OSHE10-VOC-040418		HQ-OSHE24-VOC-040418		HQ-OSHR10-VOC-040418		HQ-OSHR24-VOC-040418		HQ-OSHW10-VOC-040418		HQ-OSHW24-VOC-040418		HQ-OSHE10-VOC-040518		HQ-OSHE24-VOC-040518		HQ-OSHR10-VOC-040518		HQ-OSHR24-VOC-040518		HQ-OSHW10-VOC-040518		HQ-OSHW24-VOC-040518		HQ-OSHE10-VOC-040618		HQ-OSHE24-VOC-040618		HQ-OSHR10-VOC-040618		HQ-OSHR24-VOC-040618		HQ-OSHW10-VOC-040618		HQ-OSHW24-VOC-040618	
Sample Exposure Time	10		24		10		24		10		24		10		24		10		24		10		24		10		24		10		24					
Client ID	HQ-OSHE10-VOC-040418		HQ-OSHE24-VOC-040418		HQ-OSHR10-VOC-040418		HQ-OSHR24-VOC-040418		HQ-OSHW10-VOC-040418		HQ-OSHW24-VOC-040418		HQ-OSHE10-VOC-040518		HQ-OSHE24-VOC-040518		HQ-OSHR10-VOC-040518		HQ-OSHR24-VOC-040518		HQ-OSHW10-VOC-040518		HQ-OSHW24-VOC-040518		HQ-OSHE10-VOC-040618		HQ-OSHE24-VOC-040618		HQ-OSHR10-VOC-040618		HQ-OSHR24-VOC-040618		HQ-OSHW10-VOC-040618		HQ-OSHW24-VOC-040618	
Average Wind Dir/Speed/Temp	N/4.3 mph/55°F						WNW/7.9 mph/45°F						S/6.2 mph/62°F																							
Constituent of Concern	Risk Screening Level		10-hour exposure		24-hour exposure		10-hour exposure		24-hour exposure		10-hour exposure		24-hour exposure		10-hour exposure		24-hour exposure		10-hour exposure		24-hour exposure		10-hour exposure		24-hour exposure		10-hour exposure		24-hour exposure							
1,2,4-Trimethylbenzene	23.6	TBD	<1	<1	<1	<1	<1	<1	<1	<1	<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	23.6	TBD	<1	<1	<1	<1	<1	<1	<1	<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	20.2	TBD	1	<0.6	1	<0.6	1	0.8	<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	62.9	TBD	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<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	1350	TBD	<1	<1	<1	<1	<1	<1	<1	<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	4.62	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	<1	<1			
n-Propylbenzene	3370	TBD	<1	<1	<1	<1	<1	<1	<1	<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	16800	TBD	2	1	2	0.8	3	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	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8			
Xylenes, Total	337	TBD	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<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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Average wind direction/speed/temperature measured at a sensor on the Quanta Property

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 Edgewater, New Jersey

Constituent of Concern	Risk Screening Level	4/9/2018																4/10/2018											
		OSHE								OSHR				OSHW				OSHE				OSHR				OSHW			
		10				24				10		24		10		24		10		24		10		24		10		24	
		HQ-OSHE10-VOC-040918	HQ-FDUP10-VOC-040918	HQ-OSHE24-VOC-040918	HQ-FDUP24-VOC-040918	HQ-OSHR10-VOC-040918	HQ-OSHR24-VOC-040918	HQ-OSHW10-VOC-040918	HQ-OSHW24-VOC-040918	HQ-OSHE10-VOC-041018	HQ-OSHE24-VOC-041018	HQ-OSHR10-VOC-041018	HQ-OSHR24-VOC-041018	HQ-OSHW10-VOC-041018	HQ-FDUPB10-VOC-041018	HQ-OSHW24-VOC-041018	HQ-FDUPB24-VOC-041018												
Average Wind Dir/Speed/Temp		SW/4.2 mph/47°F																WNW/5.1 mph/50°F											
10-hour exposure		24-hour exposure		10-hour exposure		24-hour exposure		10-hour exposure		24-hour exposure		10-hour exposure		24-hour exposure		10-hour exposure		24-hour exposure		10-hour exposure		24-hour exposure							
1,2,4-Trimethylbenzene	23.6	TBD	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1							
1,3,5-Trimethylbenzene	23.6	TBD	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1							
Benzene	20.2	TBD	<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	0.7	0.7	0.7	0.7	0.7							
Ethylbenzene	62.9	TBD	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<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	1350	TBD	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1							
Naphthalene	4.62	3.13	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1							
n-Propylbenzene	3370	TBD	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1							
Toluene	16800	TBD	<0.8	<0.8	0.8	<0.8	<0.8	<0.8	<0.8	0.9	<0.8	0.8	<0.8	<0.8	<0.8	0.9	1	1	1	1	1	1							
Xylenes, Total	337	TBD	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<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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Average wind direction/speed/temperature measured at a sensor on the Quanta Property

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	OSHE		OSHR		OSHW		OSHE		OSHR		OSHW		OSHE		OSHR		OSHW		
	10	24	10	24	10	24	10	24	10	24	10	24	10	24	10	24	10	24	
Location ID																			
Sample Exposure Time																			
Client ID	HQ-OSHE10- VOC-041118	HQ-OSHE24- VOC-041118	HQ-OSHR10- VOC-041118	HQ-OSHR24- VOC-041118	HQ-OSHW10- VOC-041118	HQ-OSHW24- VOC-041118	HQ-OSHE10- VOC-041218	HQ-OSHE24- VOC-041218	HQ-OSHR10- VOC-041218	HQ-OSHR24- VOC-041218	HQ-OSHW10- VOC-041218	HQ-OSHW24- VOC-041218	HQ-OSHE10- VOC-041318	HQ-OSHE24- VOC-041318	HQ-OSHR10- VOC-041318	HQ-OSHR24- VOC-041318	HQ-OSHW10- VOC-041318	HQ-OSHW24- VOC-041318	
Average Wind Dir/Speed/Temp	SSE/3.3 mph/49°F						SSE/3.8 mph/59°F						S/3.8 mph/80°F						
Constituent of Concern	Risk Screening Level																		
	10-hour exposure	24-hour exposure																	
1,2,4-Trimethylbenzene	23.6	TBD	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	
1,3,5-Trimethylbenzene	23.6	TBD	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	
Benzene	20.2	TBD	0.9	0.7	<0.6	<0.6	0.9	0.8	0.6	<0.6	0.7	0.8	<0.6	0.9	2	0.9	1	2	1
Ethylbenzene	62.9	TBD	<0.9	<0.9	<0.9	<0.9	<0.9	<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	1350	TBD	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	
Naphthalene	4.62	3.13	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	1	2	4	<1	3	
n-Propylbenzene	3370	TBD	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	
Toluene	16800	TBD	1	1	0.8	0.9	1	1	1	0.9	1	2	1	2	2	2	2	2	
Xylenes, Total	337	TBD	<0.9	<0.9	<0.9	<0.9	<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:

n/a = not applicable. Weather data were not collected April 2, 2018 due to construction activities.

All data shown in micrograms per cubic meter (µg/m<sup>3</sup>)

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 10 hours per day for 1.5 year.

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.

**Air Sampling Results March 16, 2018 - July 6, 2018**  
 Quanta Resources Corporation Superfund Site, OU1  
 Offsite Locations - Independence Harbor  
 Edgewater, New Jersey

Sample Date	4/17/2018						4/18/2018				4/19/2018				4/20/2018							
	OSHE		OSHR		OSHW		OSHE		OSHR		OSHE		OSHR		OSHW		OSHE		OSHR		OSHW	
	10	24	10	24	10	24	10	24	10	24	10	24	10	24	10	24	10	24	10	24	10	24
Location ID	HQ-OSHE10-VOC-041718	HQ-OSHE24-VOC-041718	HQ-OSHR10-VOC-041718	HQ-OSHR24-VOC-041718	HQ-OSHW10-VOC-041718	HQ-OSHW24-VOC-041718	HQ-OSHE10-VOC-041818	HQ-OSHE24-VOC-041818	HQ-OSHR10-VOC-041818	HQ-OSHR24-VOC-041818	HQ-OSHE10-VOC-041918	HQ-OSHE24-VOC-041918	HQ-OSHR10-VOC-041918	HQ-OSHR24-VOC-041918	HQ-OSHW10-VOC-041918	HQ-OSHW24-VOC-041918	HQ-OSHE10-VOC-042018	HQ-OSHE24-VOC-042018	HQ-OSHR10-VOC-042018	HQ-OSHR24-VOC-042018	HQ-OSHW10-VOC-042018	HQ-OSHW24-VOC-042018
Sample Exposure Time	10	24	10	24	10	24	10	24	10	24	10	24	10	24	10	24	10	24	10	24	10	24
Client ID	W/6.2 mph/46°F						W/6.2 mph/54°F				NNW/4.6 mph/46°F				NW/9.2 mph/49°F							
Average Wind Dir/Speed/Temp	W/6.2 mph/46°F						W/6.2 mph/54°F				NNW/4.6 mph/46°F				NW/9.2 mph/49°F							
Constituent of Concern	Risk Screening Level		10-hour exposure		24-hour exposure		10-hour exposure		24-hour exposure		10-hour exposure		24-hour exposure		10-hour exposure		24-hour exposure		10-hour exposure		24-hour exposure	
1,2,4-Trimethylbenzene	23.6	TBD	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,3,5-Trimethylbenzene	23.6	TBD	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Benzene	20.2	TBD	<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	62.9	TBD	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<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	1350	TBD	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Naphthalene	4.62	3.13	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
n-Propylbenzene	3370	TBD	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Toluene	16800	TBD	<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	<0.8	<0.8	<0.8	<0.8
Xylenes, Total	337	TBD	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<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:

n/a = not applicable. Weather data were not collected April 2, 2018 due to construction activities.

All data shown in micrograms per cubic meter (µg/m<sup>3</sup>)

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 10 hours per day for 1.5 year.

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.

**Air Sampling Results March 16, 2018 - July 6, 2018**  
 Quanta Resources Corporation Superfund Site, OU1  
 Offsite Locations - Independence Harbor  
 Edgewater, New Jersey

Constituent of Concern	Risk Screening Level	4/23/2018						4/24/2018						4/25/2018					
		OSHE		OSHR		OSHW		OSHE		OSHR		OSHW		OSHE		OSHR		OSHW	
		10	24	10	24	10	24	10	24	10	24	10	24	10	24	10	24	10	24
		Client ID	HQ-OSHE10-VOC-042318	HQ-OSHE24-VOC-042318	HQ-OSHR10-VOC-042318	HQ-OSHR24-VOC-042318	HQ-OSHW10-VOC-042318	HQ-OSHW24-VOC-042318	HQ-OSHE10-VOC-042418	HQ-OSHE24-VOC-042418	HQ-OSHR10-VOC-042418	HQ-OSHR24-VOC-042418	HQ-OSHW10-VOC-042418	HQ-OSHW24-VOC-042418	HQ-OSHE10-VOC-042518	HQ-OSHE24-VOC-042518	HQ-OSHR10-VOC-042518	HQ-OSHR24-VOC-042518	HQ-OSHW10-VOC-042518
Average Wind Dir/Speed/Temp	ESE/4.0 mph/68°F						SE/6.2 mph/62°F						ESE/5.2 mph/59°F						
	10-hour exposure	24-hour exposure																	
1,2,4-Trimethylbenzene	23.6	TBD	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	
1,3,5-Trimethylbenzene	23.6	TBD	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	
Benzene	20.2	TBD	0.8	0.7	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	0.9	0.7	<0.6	<0.6	
Ethylbenzene	62.9	TBD	<0.9	<0.9	<0.9	<0.9	<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	1350	TBD	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	
Naphthalene	4.62	3.13	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	
n-Propylbenzene	3370	TBD	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	
Toluene	16800	TBD	2	1	0.8	0.8	1	1	1	<0.8	<0.8	<0.8	0.8	<0.8	2	2	<0.8	1	
Xylenes, Total	337	TBD	<0.9	<0.9	<0.9	<0.9	<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:

n/a = not applicable. Weather data were not collected April 2, 2018 due to construction activities.

All data shown in micrograms per cubic meter (µg/m<sup>3</sup>)

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

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**Air Sampling Results March 16, 2018 - July 6, 2018**  
 Quanta Resources Corporation Superfund Site, OU1  
 Offsite Locations - Independence Harbor  
 Edgewater, New Jersey

Sample Date	4/26/2018						4/27/2018						4/30/2018									
	OSHE		OSHR		OSHW		OSHE		OSHR		OSHW		OSHE		OSHR		OSHW					
	10	24	10	24	10	24	10	24	10	24	10	24	10	24	10	24	10	24				
Location ID																						
Sample Exposure Time																						
Client ID	HQ-OSHE10- VOC-042618	HQ-OSHE24- VOC-042618	HQ-OSHR10- VOC-042618	HQ-OSHR24- VOC-042618	HQ-OSHW10- VOC-042618	HQ-OSHW24- VOC-042618	HQ-OSHE10- VOC-042718	HQ-OSHE24- VOC-042718	HQ-OSHR10- VOC-042718	HQ-OSHR24- VOC-042718	HQ-OSHW10- VOC-042718	HQ-OSHW24- VOC-042718	HQ-OSHE10- VOC-043018	HQ-ODUP10- VOC-043018	HQ-OSHE24- VOC-043018	HQ-ODUP24- VOC-043018	HQ-OSHR10- VOC-043018	HQ-OSHR24- VOC-043018	HQ-OSHW10- VOC-043018	HQ-OSHW24- VOC-043018		
Average Wind Dir/Speed/Temp	WNW/6.9 mph/70°F						E/2.8 mph/55°F						NW/7.5 mph/51°F									
Constituent of Concern	Risk Screening Level		10-hour exposure		24-hour exposure		10-hour exposure		24-hour exposure		10-hour exposure		24-hour exposure		10-hour exposure		24-hour exposure		10-hour exposure		24-hour exposure	
1,2,4-Trimethylbenzene	23.6	TBD	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	
1,3,5-Trimethylbenzene	23.6	TBD	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	
Benzene	20.2	TBD	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	0.8	<0.6	<0.6	<0.6	0.8	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	
Ethylbenzene	62.9	TBD	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<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	1350	TBD	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	
Naphthalene	4.62	3.13	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	
n-Propylbenzene	3370	TBD	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	
Toluene	16800	TBD	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	1	0.9	0.9	<0.8	2	1	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	
Xylenes, Total	337	TBD	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<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:

n/a = not applicable. Weather data were not collected April 2, 2018 due to construction activities.

All data shown in micrograms per cubic meter (µg/m<sup>3</sup>)

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

> - below analytical reporting limit (shown).

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**Air Sampling Results March 16, 2018 - July 6, 2018**  
 Quanta Resources Corporation Superfund Site, OU1  
 Offsite Locations - Independence Harbor  
 Edgewater, New Jersey

Constituent of Concern	Risk Screening Level	Sample Date		5/1/2018								5/2/2018							
		Location ID		OSHE		OSHR		OSHW				OSHE		OSHR				OSHW	
		Sample Exposure Time		10	24	10	24	10		24		10	24	10		24		10	24
		Client ID		HQ-OSHE10-VOC-050118	HQ-OSHE24-VOC-050118	HQ-OSHR10-VOC-050118	HQ-OSHR24-VOC-050118	HQ-OSHW10-VOC-050118	HQ-ODUP10-VOC-050118	HQ-OSHW24-VOC-050118	HQ-ODUP24-VOC-050118	HQ-OSHE10-VOC-050218	HQ-OSHE24-VOC-050218	HQ-OSHR10-VOC-050218	HQ-ODUP10-VOC-050218	HQ-OSHR24-VOC-050218	HQ-ODUP24-VOC-050218	HQ-OSHW10-VOC-050218	HQ-OSHW24-VOC-050218
Average Wind Dir/Speed/Temp		WNW/5.7 mph/81°F								SSW/5.2 mph/89°F									
10-hour exposure		24-hour exposure																	
1,2,4-Trimethylbenzene	23.6	TBD	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	
1,3,5-Trimethylbenzene	23.6	TBD	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	
Benzene	20.2	TBD	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	0.7	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	
Ethylbenzene	62.9	TBD	< 0.9	< 0.9	< 0.9	< 0.9	< 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	1350	TBD	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	
Naphthalene	4.62	3.13	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	2	5	3	5	6	2	2	2	
n-Propylbenzene	3370	TBD	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	
Toluene	16800	TBD	0.8	0.8	< 0.8	0.9	< 0.8	< 0.8	0.9	0.8	0.8	1	0.9	0.9	1	1	1	1	
Xylenes, Total	337	TBD	< 0.9	< 0.9	< 0.9	< 0.9	< 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:

n/a = not applicable. Weather data were not collected April 2, 2018 due to construction activities.

All data shown in micrograms per cubic meter (µg/m<sup>3</sup>)

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

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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.

**Air Sampling Results March 16, 2018 - July 6, 2018**  
 Quanta Resources Corporation Superfund Site, OU1  
 Offsite Locations - Independence Harbor  
 Edgewater, New Jersey

Sample Date	5/3/2018						5/4/2018						5/7/2018								
	OSHE		OSHR		OSHW		OSHE		OSHR		OSHW		OSHE		OSHR		OSHW				
	10	24	10	24	10	24	10	24	10	24	10	24	10	24	10	24*	10	24			
Location ID	OSHE		OSHR		OSHW		OSHE		OSHR		OSHW		OSHE		OSHR		OSHW				
Sample Exposure Time	OSHE		OSHR		OSHW		OSHE		OSHR		OSHW		OSHE		OSHR		OSHW				
Client ID	HQ-OSHE10-VOC-050318	HQ-OSHE24-VOC-050318	HQ-OSHR10-VOC-050318	HQ-OSHR24-VOC-050318	HQ-OSHW10-VOC-050318	HQ-OSHW24-VOC-050318	HQ-OSHE10-VOC-050418	HQ-OSHE24-VOC-050418	HQ-OSHR10-VOC-050418	HQ-OSHR24-VOC-050418	HQ-OSHW10-VOC-050418	HQ-OSHW24-VOC-050418	HQ-OSHE10-VOC-050718	HQ-OSHE24-VOC-050718	HQ-OSHR10-VOC-050718	HQ-OSHR24-VOC-050718	HQ-OSHW10-VOC-050718	HQ-OSHW24-VOC-050718	HQ-OSHE10-VOC-050818		
Average Wind Dir/Speed/Temp	SSW/5.1 mph/92°F						S/3.1 mph/83°F						ESE/3.5 mph/76°F								
Constituent of Concern	Risk Screening Level		Risk Screening Level		Risk Screening Level		Risk Screening Level		Risk Screening Level		Risk Screening Level		Risk Screening Level		Risk Screening Level		Risk Screening Level		Risk Screening Level		
	10-hour exposure	24-hour exposure	10-hour exposure	24-hour exposure	10-hour exposure	24-hour exposure	10-hour exposure	24-hour exposure	10-hour exposure	24-hour exposure	10-hour exposure	24-hour exposure	10-hour exposure	24-hour exposure	10-hour exposure	24-hour exposure	10-hour exposure	24-hour exposure	10-hour exposure	24-hour exposure	
1,2,4-Trimethylbenzene	23.6	TBD	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	
1,3,5-Trimethylbenzene	23.6	TBD	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	
Benzene	20.2	TBD	<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	0.8
Ethylbenzene	62.9	TBD	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<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	1350	TBD	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Naphthalene	4.62	3.13	2	<1	4	4	2	2	<1	<1	4	2	3	<1	<1	<1	<1	<1	<1	<1	<1
n-Propylbenzene	3370	TBD	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Toluene	16800	TBD	1	1	1	1	0.9	1	<0.8	1	1	1	<0.8	0.8	1	<0.8	0.8	0.9	0.9	0.9	1
Xylenes, Total	337	TBD	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<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:

n/a = not applicable. Weather data were not collected April 2, 2018 due to construction activities.

All data shown in micrograms per cubic meter (µg/m<sup>3</sup>)

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

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**Air Sampling Results March 16, 2018 - July 6, 2018**  
 Quanta Resources Corporation Superfund Site, OU1  
 Offsite Locations - Independence Harbor  
 Edgewater, New Jersey

Sample Date	5/8/2018						5/9/2018						5/10/2018		5/11/2018		5/14/2018		
	OSHE		OSHR		OSHW		OSHE		OSHR		OSHW		OSHE		OSHE		OSHE		
Location ID	10	24	10	24	10	24	10	24	10	24	10	24	10	24	10	24	10	24	
Sample Exposure Time																			
Client ID	HQ-OSHR10-VOC-050818	HQ-OSHE24-VOC-050818	HQ-ODUP10-VOC-050818	HQ-OSHR24-VOC-050818	HQ-OSHW10-VOC-050818	HQ-OSHW24-VOC-050818	HQ-OSHE10-VOC-050918	HQ-OSHE24-VOC-050918	HQ-OSHR10-VOC-050918	HQ-OSHR24-VOC-050918	HQ-OSHW10-VOC-050918	HQ-OSHW24-VOC-050918	HQ-OSHE10-VOC-051018	HQ-OSHE24-VOC-051018	HQ-OSHE10-VOC-051118	HQ-OSHE24-VOC-051118	HQ-OSHE10-VOC-051418	HQ-OSHE24-VOC-051418	
Average Wind Dir/Speed/Temp	n/a						SE/4.2 mph/73°F						SE/5.2 mph/67°F		NW/5.5 mph/74°F		SSE/3.5 mph/70°F		
Constituent of Concern	Risk Screening Level		Risk Screening Level		Risk Screening Level		Risk Screening Level		Risk Screening Level		Risk Screening Level		Risk Screening Level		Risk Screening Level		Risk Screening Level		
	10-hour exposure	24-hour exposure	10-hour exposure	24-hour exposure	10-hour exposure	24-hour exposure	10-hour exposure	24-hour exposure	10-hour exposure	24-hour exposure	10-hour exposure	24-hour exposure	10-hour exposure	24-hour exposure	10-hour exposure	24-hour exposure	10-hour exposure	24-hour exposure	
1,2,4-Trimethylbenzene	23.6	TBD	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	
1,3,5-Trimethylbenzene	23.6	TBD	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	
Benzene	20.2	TBD	<0.6	<0.6	<0.6	<0.6	0.8	<0.6	0.7	<0.6	<0.6	<0.6	<0.6	<0.6	<1	<0.6	<0.6	<0.6	
Ethylbenzene	62.9	TBD	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<1	<0.9	<0.9	<0.9	
Isopropylbenzene	1350	TBD	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	
Naphthalene	4.62	3.13	5	<1	2	1	<1	<1	1	<1	<1	<1	<1	2	<2	<1	<1	<1	
n-Propylbenzene	3370	TBD	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	
Toluene	16800	TBD	1	1	1	1	1	1	2	1	2	1	1	1	<1	<0.8	1	2	
Xylenes, Total	337	TBD	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<1	<0.9	<0.9	<0.9	

Notes:

n/a = not applicable. Weather data were not collected April 2, 2018 due to construction activities.

All data shown in micrograms per cubic meter (µg/m<sup>3</sup>)

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

> - below analytical reporting limit (shown).

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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.

**Air Sampling Results March 16, 2018 - July 6, 2018**  
 Quanta Resources Corporation Superfund Site, OU1  
 Offsite Locations - Independence Harbor  
 Edgewater, New Jersey

Constituent of Concern	Risk Screening Level	5/15/2018		5/16/2018		5/17/2018		5/18/2018		5/21/2018		5/22/2018		5/23/2018		5/24/2018		5/25/2018	
		10-hour exposure	24-hour exposure	10	24	10	24	10	24	10	24	10	24	10	24	10	24	10	24
1,2,4-Trimethylbenzene	23.6	TBD	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,3,5-Trimethylbenzene	23.6	TBD	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Benzene	20.2	TBD	<0.6	<0.6	<0.6	<0.6	0.8	0.8	<0.8	<0.8	<0.6	<0.6	<0.6	<0.6	0.7	<0.6	<0.6	<0.6	<0.6
Ethylbenzene	62.9	TBD	<0.9	<0.9	<0.9	<0.9	<0.9	<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	1350	TBD	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Naphthalene	4.62	3.13	1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	5	<1	<1	<1	<1
n-Propylbenzene	3370	TBD	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Toluene	16800	TBD	1	<0.8	0.8	<0.8	2	2	<0.8	<0.8	<0.8	1	1	1	0.8	0.9	<0.8	<0.8	<0.8
Xylenes, Total	337	TBD	<0.9	<0.9	<0.9	<0.9	<0.9	<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:

n/a = not applicable. Weather data were not collected April 2, 2018 due to construction activities.

All data shown in micrograms per cubic meter (µg/m<sup>3</sup>)

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

> - below analytical reporting limit (shown).

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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.

**Air Sampling Results March 16, 2018 - July 6, 2018**  
 Quanta Resources Corporation Superfund Site, OU1  
 Offsite Locations - Independence Harbor  
 Edgewater, New Jersey

Sample Date	5/29/2018		5/30/2018		5/31/2018		6/1/2018		6/4/2018		6/5/2018		6/6/2018		6/7/2018		6/8/2018		6/11/2018		6/12/2018	
	Location ID	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE
Sample Exposure Time	10	24	10	24	10	24	10	24	10	24	10	24	10	24	10	24	10	24	10	24	10	24
Client ID	HQ-OSHE10-VOC-052918	HQ-OSHE24-VOC-052918	HQ-OSHE10-VOC-053018	HQ-OSHE24-VOC-053018	HQ-OSHE10-VOC-053118	HQ-OSHE24-VOC-053118	HQ-OSHE10-VOC-060118	HQ-OSHE24-VOC-060118	HQ-OSHE10-VOC-060418	HQ-OSHE24-VOC-060418	HQ-OSHE10-VOC-060518	HQ-OSHE24-VOC-060518	HQ-OSHE10-VOC-060618	HQ-OSHE24-VOC-060618	HQ-OSHE10-VOC-060718	HQ-OSHE24-VOC-060718	HQ-OSHE10-VOC-060818	HQ-OSHE24-VOC-060818	HQ-OSHE10-VOC-061118	HQ-OSHE24-VOC-061118	HQ-OSHE10-VOC-061218	HQ-OSHE24-VOC-061218
Average Wind Dir/Speed/Temp	SSE/3.7 mph/89°F		ESE/3.4 mph/78°F		E/2.6 mph/69°F		ESE/2.1 mph/81°F		ENE/2.4 mph/73°F		WSW/4.9 mph/75°F		E/2.7 mph/71°F		SSE/5.2 mph/71°F		S/4.1 mph/81°F		ESE/3.4 mph/75°F		S/5.5 mph/75°F	
Constituent of Concern	Risk Screening Level																					
	10-hour exposure	24-hour exposure																				
1,2,4-Trimethylbenzene	23.6	TBD	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,3,5-Trimethylbenzene	23.6	TBD	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Benzene	20.2	TBD	<0.6	<0.6	0.6	<0.6	0.7	<0.6	1	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
Ethylbenzene	62.9	TBD	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<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	1350	TBD	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Naphthalene	4.62	3.13	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
n-Propylbenzene	3370	TBD	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Toluene	16800	TBD	1	1	1	1	2	1	2	1	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	1	1	0.8	<0.8	0.8
Xylenes, Total	337	TBD	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<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:

n/a = not applicable. Weather data were not collected April 2, 2018 due to construction activities.

All data shown in micrograms per cubic meter (µg/m<sup>3</sup>)

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

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**Air Sampling Results March 16, 2018 - July 6, 2018**  
 Quanta Resources Corporation Superfund Site, OU1  
 Offsite Locations - Independence Harbor  
 Edgewater, New Jersey

Constituent of Concern	Risk Screening Level	6/13/2018		6/14/2018		6/15/2018		6/18/2018		6/19/2018		6/20/2018		6/21/2018		6/22/2018		6/25/2018		6/26/2018			
		OSHE				OSHE		OSHE		OSHE		OSHE		OSHE		OSHE		OSHE		OSHE			
		10		24		10	24	10	24	10	24	10	24	10	24	10	24	10	24	10	24	10	24
		Client ID	HQ-OSHE10-VOC-061318	HQ-ODUP10-VOC-061318	HQ-OSHE24-VOC-061318	HQ-ODUP24-VOC-061318	HQ-OSHE10-VOC-061418	HQ-OSHE24-VOC-061418	HQ-OSHE10-VOC-061518	HQ-OSHE24-VOC-061518	HQ-OSHE10-VOC-061818	HQ-OSHE24-VOC-061818	HQ-OSHE10-VOC-061918	HQ-OSHE24-VOC-061918	HQ-OSHE10-VOC-062018	HQ-OSHE24-VOC-062018	HQ-OSHE10-VOC-062118	HQ-OSHE24-VOC-062118	HQ-OSHE10-VOC-062218	HQ-OSHE24-VOC-062218	HQ-OSHE10-VOC-062518	HQ-OSHE24-VOC-062518	HQ-OSHE10-VOC-062618
Average Wind Dir/Speed/Temp	S/2.8 mph/76°F				WNW/6.4 mph/85°F		NE/3.7 mph/77°F		S/4.5 mph/94°F		N/3.9 mph/91°F		SE/3.5 mph/82°F		E/2.6 mph/87°F		ESE/3.8 mph/75°F		N/3.9 mph/84°F		SE/4.9 mph/79°F		
1,2,4-Trimethylbenzene	23.6	TBD	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	
1,3,5-Trimethylbenzene	23.6	TBD	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	
Benzene	20.2	TBD	<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	62.9	TBD	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<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	1350	TBD	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	
Naphthalene	4.62	3.13	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	
n-Propylbenzene	3370	TBD	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	
Toluene	16800	TBD	<0.8	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	2	1	<0.8	<0.8	0.8	
Xylenes, Total	337	TBD	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	1	<0.9	<0.9	<0.9	<0.9	

Notes:

n/a = not applicable. Weather data were not collected April 2, 2018 due to construction activities.

All data shown in micrograms per cubic meter (µg/m<sup>3</sup>)

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

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**Air Sampling Results March 16, 2018 - July 6, 2018**  
 Quanta Resources Corporation Superfund Site, OU1  
 Offsite Locations - Independence Harbor  
 Edgewater, New Jersey

Constituent of Concern	Risk Screening Level	6/27/2018		6/28/2018				6/29/2018		7/2/2018		7/3/2018		7/5/2018		7/6/2018	
		OSHE		OSHE				OSHE		OSHE		OSHE		OSHE		OSHE	
		10	24	10	24	10	24	10	24	10	24	10	24	10	24	10	24
		Client ID	HQ-OSHE10-VOC-062718	HQ-OSHE24-VOC-062718	HQ-OSHE10-VOC-062818	HQ-ODUP10-VOC-062818	HQ-OSHE24-VOC-062818	HQ-OSHE10-VOC-062918	HQ-OSHE24-VOC-062918	HQ-OSHE10-VOC-070218	HQ-OSHE24-VOC-070218	HQ-OSHE10-VOC-070318	HQ-OSHE24-VOC-070318	HQ-OSHE10-VOC-070518	HQ-OSHE24-VOC-070518	HQ-OSHE10-VOC-070618	HQ-OSHE24-VOC-070618
Average Wind Dir/Speed/Temp	S/5.1 mph/74°F		SSW/3.7 mph/84°F				WNW/4.0 mph/92°F		SE/4.3 mph/94°F		ESE/2.2 mph/94°F		SSE/5.6 mph/90°F		WSW/3.3 mph/83°F		
		<b>10-hour exposure</b>	<b>24-hour exposure</b>														
1,2,4-Trimethylbenzene	23.6	TBD	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	
1,3,5-Trimethylbenzene	23.6	TBD	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	
Benzene	20.2	TBD	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	0.9	0.8	0.8	0.7	<0.6	<0.6	<0.6	
Ethylbenzene	62.9	TBD	<0.9	<0.9	<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	1350	TBD	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	
Naphthalene	4.62	3.13	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	
n-Propylbenzene	3370	TBD	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	
Toluene	16800	TBD	0.8	<0.8	<0.8	<0.8	0.8	<0.8	<0.8	2	2	2	1	<0.8	<0.8	0.8	
Xylenes, Total	337	TBD	<0.9	<0.9	<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:

n/a = not applicable. Weather data were not collected April 2, 2018 due to construction activities.

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