

2019-2021 - Air Sampling Results

Quanta Resources Corporation Superfund Site, OU1
 Offsite Locations - Independence Harbor
 Edgewater, New Jersey

Analyte	Risk Screening Level	Sample Date	3/2/2021	3/1/2021	2/26/2021	2/25/2021	2/24/2021	2/23/2021	2/22/2021	2/20/2021	2/19/2021	2/18/2021	2/17/2021	2/16/2021	2/12/2021	
		Location ID	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE
		Sample Exposure Time	24	24	24	24	24	24	24	24	24	24	24	24	24	24
		Average Wind Dir/Speed/Temp	NW/9.0 mph/33°F	WSW/3.6 mph/48°F	SSE/3.3 mph/46°F	NW/7.2 mph/49°F	S/3.3 mph/55°F	S/3.3 mph/55°F	SSW/3.2 mph/43°F	NW/6.1 mph/34°F	NNE/2.1 mph/33°F	ENE/2.6 mph/23°F	NW/4.8 mph/34°F	SW/3.7 mph/53°F	NNE/2.3 mph/29°F	
Sample Type	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	
24-hour exposure																
1,2,4-Trimethylbenzene	62.6	< 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	
Benzene	4.68	0.7	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	0.7	0.7	< 0.6	0.9	< 0.6	0.7	0.7	< 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	
Isopropylbenzene	417	< 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	
n-Propylbenzene	1,040	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	
Toluene	5,210	1	< 0.8	< 0.8	1	< 0.8	0.9	1	< 0.8	1	< 0.8	1	< 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	

Notes:

All data shown in micrograms per cubic meter (µg/m³)

> - below analytical reporting limit (shown).

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.

NS = not sampled / data not yet available.

2019-2021 - Air Sampling Results

Quanta Resources Corporation Superfund Site, OU1
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 Edgewater, New Jersey

Analyte	Risk Screening Level	Sample Date	2/11/2021	2/10/2021	2/9/2021	2/8/2021	2/5/2021	2/4/2021	2/3/2021	1/29/2021	1/28/2021	1/27/2021	1/26/2021	1/25/2021	1/22/2021	
		Location ID	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE
		Sample Exposure Time	24	24	24	24	24	24	24	24	24	24	24	24	24	24
		Average Wind Dir/Speed/Temp	N/2.4 mph/33°F	NW/3.1 mph/36°F	NE/2.9 mph/33°F	WNW/3.9 mph/31°F	SW/3.3 mph/48°F	NW/5.3 mph/44°F	NW/4.5 mph/37°F	NW/9.3 mph/26°F	NNW/6.8 mph/34°F	NW/5.1 mph/37°F	E/4.3 mph/34°F	N/2.1 mph/38°F	WSW/4.2 mph/45°F	
Sample Type	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	
24-hour exposure																
1,2,4-Trimethylbenzene	62.6	< 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	
Benzene	4.68	0.7	0.7	0.8	0.8	0.9	0.9	< 0.6	< 0.6	0.7	0.8	0.8	< 0.6	0.7		
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	
Isopropylbenzene	417	< 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	
n-Propylbenzene	1,040	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	
Toluene	5,210	0.9	0.8	0.9	0.9	1	2	< 0.8	0.8	0.9	1	0.9	< 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	

Notes:

All data shown in micrograms per cubic meter (µg/m³)

> - below analytical reporting limit (shown).

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.

NS = not sampled / data not yet available.

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Analyte	Risk Screening Level	Sample Date	1/21/2021	1/20/2021	1/19/2021	1/18/2021	1/15/2021	1/14/2021	1/13/2021	1/12/2021	1/11/2021	1/9/2021	1/8/2021	1/7/2021	1/6/2021	
		Location ID	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE
		Sample Exposure Time	24	24	24	24	24	24	24	24	24	24	24	24	24	24
		Average Wind Dir/Speed/Temp	SW/4.0 mph/44°F	WNW/6.1 mph/40°F	W/4.8 mph/42°F	W/4.9 mph/45°F	E/4.7 mph/42°F	E/1.6 mph/49°F	SW/2.8 mph/43°F	NNW/2.6 mph/46°F	WNW/2.4 mph/36°F	NNW/3.9 mph/37°F	NNW/2.7 mph/37°F	NNW/5.2 mph/43°F	NNW/5.2 mph/43°F	NW/5.3 mph/41°F
Sample Type	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	
24-hour exposure																
1,2,4-Trimethylbenzene	62.6	< 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	
Benzene	4.68	1	0.6	< 0.6	0.7	1	1	1	1	1	1	0.8	0.9	< 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	
Isopropylbenzene	417	< 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	
n-Propylbenzene	1,040	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	
Toluene	5,210	2	< 0.8	< 0.8	< 0.8	1	2	1	2	3	< 0.8	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	2	< 0.9	< 0.9	< 0.9	< 0.9	

Notes:

All data shown in micrograms per cubic meter (µg/m³)

> - below analytical reporting limit (shown).

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.

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Analyte	Risk Screening Level	Sample Date	1/5/2021	1/4/2021	12/24/2020	12/23/2020	12/22/2020	12/21/2020	12/19/2020	12/18/2020	12/15/2020	12/14/2020	12/11/2020	12/10/2020	12/9/2020	
		Location ID	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE
		Sample Exposure Time	24	24	24	24	24	24	24	24	24	24	24	24	24	24
		Average Wind Dir/Speed/Temp	NE/1.7 mph/41°F	NE/2.3 mph/42°F	SE/10.8 mph/57°F	SSW/2.3 mph/44°F	WNW/5.0 mph/46°F	WSW/2.2 mph/46°F	WNW/2.7 mph/31°F	NNW/3.1 mph/33°F	WNW/5.2 mph/40°F	NNW/2.9 mph/41°F	SW/2.9 mph/56°F	WNW/5.2 mph/49°F	SW/3.9 mph/37°F	
Sample Type	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	
24-hour exposure																
1,2,4-Trimethylbenzene	62.6	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,3,5-Trimethylbenzene	62.6	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Benzene	4.68	< 0.6	0.7	< 0.6	< 0.6	< 0.6	< 0.6	1	1	0.7	< 0.6	< 0.6	1	1	< 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
Isopropylbenzene	417	< 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
n-Propylbenzene	1,040	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	5,210	< 0.8	1	< 0.8	< 0.8	< 0.8	< 0.8	2	2	0.9	< 0.8	< 0.8	2	2	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	2	< 0.9	< 0.9	< 0.9

Notes:

All data shown in micrograms per cubic meter (µg/m³)

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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.

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Analyte	Risk Screening Level	Sample Date	12/8/2020	12/7/2020	12/4/2020	12/3/2020	12/2/2020	12/1/2020	11/30/2020	11/24/2020	11/23/2020	11/20/2020	11/19/2020	11/18/2020	11/17/2020	
		Location ID	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE
		Sample Exposure Time	24	24	24	24	24	24	24	24	24	24	24	24	24	24
		Average Wind Dir/Speed/Temp	NNW/4.9 mph/37°F	W/3.2 mph/41°F	SSW/3.1 mph/51°F	SW/3.8 mph/51°F	WSW/5.0 mph/44°F	SSW/4.8 mph/53°F	ESE/10.7 mph/62°F	WNW/4.1 mph/47°F	NW/6.9 mph/58°F	SSW/3.3 mph/63°F	SSW/3.8 mph/48°F	SSW/3.4 mph/74°F	WNW/4.3 mph/49°F	
Sample Type	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	
1,2,4-Trimethylbenzene	62.6	< 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	
Benzene	4.68	0.7	0.7	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	0.6	< 0.6	0.8	< 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	
Isopropylbenzene	417	< 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	
n-Propylbenzene	1,040	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	
Toluene	5,210	1	1	< 0.8	1	< 0.8	1	< 0.8	1	< 0.8	1	2	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	2	< 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

Sample Date	Location ID	11/16/2020	11/13/2020	11/12/2020	11/11/2020	11/10/2020	11/9/2020	11/6/2020	11/5/2020	11/4/2020	11/3/2020	11/2/2020	10/31/2020	10/30/2020
		OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE
Sample Exposure Time	Average Wind Dir/Speed/Temp	24	24	24	24	24	24	24	24	24	24	24	24	24
Sample Type		W/6.1 mph/53°F	NNW/2.3 mph/50°F	NNW/3.3 mph/66°F	S/2.3 mph/70°F	SSW/3.4 mph/74°F	SSE/1.9 mph/77°F	S/2.7 mph/72°F	S/2.9 mph/69°F	SE/2.0 mph/66°F	W/6.5 mph/54°F	WNW/9.4 mph/45°F	SW/3.1 mph/48°F	NNW/3.7 mph/44°F
Analyte	Risk Screening Level	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
24-hour exposure														
1,2,4-Trimethylbenzene	62.6	< 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
Benzene	4.68	< 0.6	0.8	< 0.6	< 0.6	< 0.6	2	0.9	0.8	0.7	< 0.6	< 0.6	0.7	< 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
Isopropylbenzene	417	< 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
n-Propylbenzene	1,040	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	5,210	1	2	< 0.8	0.9	1	4	2	2	1	1	< 0.8	0.8	< 0.8
Xylenes, Total	104	< 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

Notes:

All data shown in micrograms per cubic meter (µg/m³)

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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.

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Analyte	Risk Screening Level 24-hour exposure	10/29/2020	10/28/2020	10/27/2020	10/26/2020	10/23/2020	10/22/2020	10/21/2020	10/20/2020	10/19/2020	10/17/2020	10/16/2020	10/15/2020	10/14/2020	
		OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE
		24	24	24	24	24	24	24	24	24	24	24	24	24	24
		Average Wind Dir/Speed/Temp	Average Wind Dir/Speed/Temp	Average Wind Dir/Speed/Temp	Average Wind Dir/Speed/Temp	Average Wind Dir/Speed/Temp	Average Wind Dir/Speed/Temp	Average Wind Dir/Speed/Temp	Average Wind Dir/Speed/Temp	Average Wind Dir/Speed/Temp	Average Wind Dir/Speed/Temp	Average Wind Dir/Speed/Temp	Average Wind Dir/Speed/Temp	Average Wind Dir/Speed/Temp	Average Wind Dir/Speed/Temp
Sample Type	Sample Type	Sample Type	Sample Type	Sample Type	Sample Type	Sample Type	Sample Type	Sample Type	Sample Type	Sample Type	Sample Type	Sample Type	Sample Type	Sample Type	
1,2,4-Trimethylbenzene	62.6	< 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	
Benzene	4.68	< 0.6	0.8	< 0.6	1	< 0.6	0.7	1	< 0.6	0.8	0.9	< 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	
Isopropylbenzene	417	< 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	
n-Propylbenzene	1,040	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	
Toluene	5,210	0.8	2	1	2	1	2	3	1	2	2	0.8	> 0.8	1	
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	

Notes:

All data shown in micrograms per cubic meter (µg/m³)

> - below analytical reporting limit (shown).

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

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 Edgewater, New Jersey

Analyte	Risk Screening Level	Sample Date	10/13/2020	10/12/2020	10/9/2020	10/8/2020	10/7/2020	10/6/2020	10/5/2020	10/2/2020	10/1/2020	9/30/2020	9/29/2020	9/28/2020	9/25/2020	
		Location ID	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE
		Sample Exposure Time	24	24	24	24	24	24	24	24	24	24	24	24	24	24
		Average Wind Dir/Speed/Temp	N/3.6 mph/60°F	E/4.3 mph/55°F	SSE/2.2 mph/68°F	WNW/6.3 mph/65°F	SW/4.6 mph/76°F	SW/3.5 mph/71°F	E/3.1 mph/71°F	W/3.3 mph/66°F	WSW/3.8 mph/73°F	WSW/5.3 mph/71°F	SSE/3.0 mph/75°F	S/4.0 mph/81°F	S/2.6 mph/78°F	
Sample Type	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	
24-hour exposure																
1,2,4-Trimethylbenzene	62.6	< 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	
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	0.8	
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	
Isopropylbenzene	417	< 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	
n-Propylbenzene	1,040	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	
Toluene	5,210	0.8	1	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	0.8	1	< 0.8	< 0.8	< 0.8	< 0.8	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	

Notes:

All data shown in micrograms per cubic meter (µg/m³)

> - below analytical reporting limit (shown).

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.

NS = not sampled / data not yet available.

2019-2021 - Air Sampling Results

Quanta Resources Corporation Superfund Site, OU1
 Offsite Locations - Independence Harbor
 Edgewater, New Jersey

Sample Date	9/24/2020													
	OSHE													
Location ID	OSHE													
Sample Exposure Time	24													
Average Wind Dir/Speed/Temp	SSW/2.1 mph/77°F	WNW/5.7 mph/81°F	NNW/3.9 mph/74°F	ENE/2.7 mph/69°F	NNE/3.3 mph/65°F	N/3.5 mph/71°F	SW/2.6 mph/76°F	SSW/3.3 mph/73°F	NE/2.4 mph/69°F	NW/4.6 mph/76°F	N/2.7 mph/78°F	SE/2.7 mph/84°F	E/1.9 mph/84°F	
Sample Type	Primary													
Analyte	Risk Screening Level													
	24-hour exposure													
1,2,4-Trimethylbenzene	62.6	< 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
Benzene	4.68	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
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
Isopropylbenzene	417	< 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
n-Propylbenzene	1,040	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	5,210	2	1	< 0.8	0.8	< 0.8	< 0.8	1	0.8	1	0.8	0.9	1	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	2

Notes:

All data shown in micrograms per cubic meter (µg/m³)

> - below analytical reporting limit (shown).

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.

NS = not sampled / data not yet available.

2019-2021 - Air Sampling Results

Quanta Resources Corporation Superfund Site, OU1
 Offsite Locations - Independence Harbor
 Edgewater, New Jersey

Analyte	Risk Screening Level 24-hour exposure	Sample Date	9/8/2020	9/3/2020	9/2/2020	9/1/2020	8/31/2020	8/28/2020	8/27/2020	8/26/2020	8/25/2020	8/24/2020	8/22/2020	8/21/2020	8/20/2020	
		Location ID	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE
		Sample Exposure Time	24	24	24	24	24	24	24	24	24	24	24	24	24	24
		Average Wind Dir/Speed/Temp	SE/2.3 mph/84°F	WNW/2.7 mph/88°F	SE/2.9 mph/82°F	ESE/2.8 mph/79°F	E/2.1 mph/78°F	W/4.3 mph/88°F	SW/3.8 mph/93°F	NW/6.7 mph/79°F	W/5.1 mph/90°F	SW/3.7 mph/92°F	SW/3.6 mph/89°F	SW/4.0 mph/87°F	SW/4.0 mph/87°F	E/3.2 mph/82°F
Sample Type	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	
1,2,4-Trimethylbenzene	62.6	< 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	
Benzene	4.68	1	< 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	
Isopropylbenzene	417	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	
Naphthalene	3.13	< 1	< 1	< 1	< 1	< 1	3	< 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	
Toluene	5,210	2	1	0.9	0.8	0.9	1	< 0.8	2	< 0.8	< 0.8	0.8	< 0.8	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	

Notes:

All data shown in micrograms per cubic meter (µg/m³)

> - below analytical reporting limit (shown).

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.

NS = not sampled / data not yet available.

2019-2021 - Air Sampling Results

Quanta Resources Corporation Superfund Site, OU1
 Offsite Locations - Independence Harbor
 Edgewater, New Jersey

Analyte	Risk Screening Level 24-hour exposure	8/19/2020	8/18/2020	8/17/2020	8/14/2020	8/13/2020	8/12/2020	8/11/2020	8/10/2020	8/8/2020	8/7/2020	8/6/2020	8/5/2020	8/3/2020	
		Location ID	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE
		Sample Exposure Time	24	24	24	24	24	24	24	24	24	24	24	24	24
		Average Wind Dir/Speed/Temp	ENE/1.8 mph/75°F	W/3.4 mph/84°F	S/3.9 mph/82°F	E/3.6 mph/88°F	NE/1.6 mph/80°F	E/2.9 mph/92°F	SSE/6.2 mph/90°F	S/3.7 mph/93°F	NE/1.6 mph/83°F	ENE/2.7 mph/80°F	E/2.7 mph/83°F	W/4.0 mph/88°F	WSW/4.6 mph/91°F
Sample Type	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	
1,2,4-Trimethylbenzene	62.6	< 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	
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	
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	
Isopropylbenzene	417	< 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	
n-Propylbenzene	1,040	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	
Toluene	5,210	2	1	0.8	0.8	1	1	< 0.8	< 0.8	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	

Notes:

All data shown in micrograms per cubic meter (µg/m³)

> - below analytical reporting limit (shown).

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.

NS = not sampled / data not yet available.

2019-2021 - Air Sampling Results

Quanta Resources Corporation Superfund Site, OU1
 Offsite Locations - Independence Harbor
 Edgewater, New Jersey

Analyte	Risk Screening Level	Sample Date	7/31/2020	7/30/2020	7/29/2020	7/28/2020	7/27/2020	7/24/2020	7/23/2020	7/22/2020	7/21/2020	7/20/2020	7/18/2020	7/17/2020	7/16/2020	
		Location ID	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE
		Sample Exposure Time	24	24	24	24	24	24	24	24	24	24	24	24	24	24
		Average Wind Dir/Speed/Temp	ESE/2.1 mph/81°F	WSW/3.8 mph/93°F	SSE/3.8 mph/90°F	W/4.6 mph/94°F	WSW/4.4 mph/96°F	ENE/2.9 mph/79°F	SE/3.3 mph/93°F	SE/3.3 mph/93°F	SSE/3.6 mph/92°F	W/4.5 mph/96°F	E/2.9 mph/93°F	SSE/3.8 mph/84°F	SE/6.2 mph/78°F	
Sample Type	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	
24-hour exposure																
1,2,4-Trimethylbenzene	62.6	< 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	
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	
Ethylbenzene	14.6	< 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	
Isopropylbenzene	417	< 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	
n-Propylbenzene	1,040	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	
Toluene	5,210	2	< 0.8	1	0.9	< 0.8	2	0.8	0.8	1	1	1	1	1	< 0.8	
Xylenes, Total	104	2	< 0.9	2	3	< 0.9	10	< 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)

> - below analytical reporting limit (shown).

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.

NS = not sampled / data not yet available.

2019-2021 - Air Sampling Results

Quanta Resources Corporation Superfund Site, OU1
 Offsite Locations - Independence Harbor
 Edgewater, New Jersey

Analyte	Risk Screening Level	Sample Date	7/15/2020	7/14/2020	7/13/2020	7/11/2020	7/10/2020	7/9/2020	7/8/2020	7/7/2020	7/6/2020	7/2/2020	7/1/2020	6/30/2020	6/29/2020	
		Location ID	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE
		Sample Exposure Time	24	24	24	24	24	24	24	24	24	24	24	24	24	24
		Average Wind Dir/Speed/Temp	E/3.9 mph/84°F	NW/5.0 mph/88°F	WNW/4.3 mph/88°F	S/3.6 mph/85°F	E/5.4 mph/78°F	SSE/4.7 mph/89°F	S/3.7 mph/78°F	ESE/4.1 mph/82°F	SE/3.4 mph/95°F	NNW/2.9 mph/93°F	SE/2.9 mph/81°F	E/2.7 mph/80°F	NNE/3.1 mph/92°F	
Sample Type	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	
1,2,4-Trimethylbenzene	62.6	< 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	
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	
Ethylbenzene	14.6	< 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	
Isopropylbenzene	417	< 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	
n-Propylbenzene	1,040	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	
Toluene	5,210	< 0.8	1	1	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	1	1	1	1	1	0.9	
Xylenes, Total	104	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	6	< 0.9	< 0.9	< 0.9	< 0.9	

Notes:

All data shown in micrograms per cubic meter (µg/m³)

> - below analytical reporting limit (shown).

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.

NS = not sampled / data not yet available.

2019-2021 - Air Sampling Results

Quanta Resources Corporation Superfund Site, OU1
 Offsite Locations - Independence Harbor
 Edgewater, New Jersey

Analyte	Risk Screening Level	Sample Date	6/26/2020	6/25/2020	6/24/2020	6/23/2020	6/22/2020	6/20/2020	6/19/2020	6/18/2020	6/17/2020	6/16/2020	6/15/2020	6/12/2020	6/11/2020	
		Location ID	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE
		Sample Exposure Time	24	24	24	24	24	24	24	24	24	24	24	24	24	24
		Average Wind Dir/Speed/Temp	WNW/4.2 mph/88°F	S/3.2 mph/86°F	W/5.4 mph/88°F	SSE/5.6 mph/86°F	S/3.9 mph/91°F	SSE/4.2 mph/86°F	S/4.2 mph/83°F	SE/3.1 mph/80°F	ESE/4.1 mph/80°F	E/4.1 mph/79°F	E/3.2 mph/77°F	WNW/4.3 mph/86°F	SSW/4.5 mph/83°F	
Sample Type	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	
1,2,4-Trimethylbenzene	62.6	< 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	
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	
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	
Isopropylbenzene	417	< 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	
n-Propylbenzene	1,040	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	
Toluene	5,210	1	< 0.8	< 0.8	1	< 0.8	0.8	1	2	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	2	< 0.9	

Notes:

All data shown in micrograms per cubic meter (µg/m³)

> - below analytical reporting limit (shown).

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.

NS = not sampled / data not yet available.

2019-2021 - Air Sampling Results

Quanta Resources Corporation Superfund Site, OU1
 Offsite Locations - Independence Harbor
 Edgewater, New Jersey

Analyte	Risk Screening Level	Sample Date	6/10/2020	6/9/2020	6/8/2020	6/5/2020	6/4/2020	6/3/2020	6/2/2020	6/1/2020	5/29/2020	5/28/2020	5/27/2020	5/26/2020	5/22/2020	
		Location ID	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE
		Sample Exposure Time	24	24	24	24	24	24	24	24	24	24	24	24	24	24
		Average Wind Dir/Speed/Temp	ESE/4.6 mph/85°F	SSW/4.0 mph/89°F	NW/3.5 mph/82°F	SW/3.3 mph/81°F	SSW/3.3 mph/85°F	SSW/3.6 mph/79°F	SW/3.6 mph/74°F	WNW/4.7 mph/71°F	S/3.9 mph/81°F	SE/4.1 mph/76°F	SSE/4.0 mph/78°F	SSE/3.7 mph/75°F	SSE/3.1 mph/73°F	SSE/3.1 mph/73°F
Sample Type	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary		
24-hour exposure																
1,2,4-Trimethylbenzene	62.6	< 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	
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	
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	
Isopropylbenzene	417	< 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	
n-Propylbenzene	1,040	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	
Toluene	5,210	1	0.8	2	0.9	0.9	< 0.8	1	1	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	
Xylenes, Total	104	< 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	

Notes:

All data shown in micrograms per cubic meter (µg/m³)

> - below analytical reporting limit (shown).

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.

NS = not sampled / data not yet available.

2019-2021 - Air Sampling Results

Quanta Resources Corporation Superfund Site, OU1
 Offsite Locations - Independence Harbor
 Edgewater, New Jersey

Analyte	Risk Screening Level	Sample Date	5/21/2020	5/20/2020	5/19/2020	5/18/2020	5/15/2020	5/14/2020	5/13/2020	5/12/2020	5/11/2020	5/8/2020	5/7/2020	5/6/2020	5/5/2020	
		Location ID	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE
		Sample Exposure Time	24	24	24	24	24	24	24	24	24	24	24	24	24	24
		Average Wind Dir/Speed/Temp	SE/3.1 mph/66°F	E/4.3 mph/67°F	E/6.6 mph/67°F	E/3.3 mph/71°F	SSW/4.6 mph/86°F	WSW/3.6 mph/61°F	NW/2.5 mph/55°F	NW/7.5 mph/61°F	WSW/3.6 mph/61°F	NW/2.5 mph/55°F	NW/5.5 mph/66°F	E/4.1 mph/51°F	NW/5.6 mph/63°F	
Sample Type	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	
24-hour exposure																
1,2,4-Trimethylbenzene	62.6	< 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	
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	
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	
Isopropylbenzene	417	< 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	
n-Propylbenzene	1,040	< 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	< 0.8	< 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	

Notes:

All data shown in micrograms per cubic meter (µg/m³)

> - below analytical reporting limit (shown).

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.

NS = not sampled / data not yet available.

2019-2021 - Air Sampling Results

Quanta Resources Corporation Superfund Site, OU1
 Offsite Locations - Independence Harbor
 Edgewater, New Jersey

Analyte	Risk Screening Level	Sample Date	5/4/2020	5/1/2020	4/30/2020	4/29/2020	4/28/2020	4/27/2020	4/24/2020	4/23/2020	4/22/2020	4/21/2020	4/20/2020	4/18/2020	4/17/2020	
		Location ID	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE
		Sample Exposure Time	24	24	24	24	24	24	24	24	24	24	24	24	24	24
		Average Wind Dir/Speed/Temp	NW/4.8 mph/72°F	SE/2.4 mph/64°F	SE/12.0 mph/60°F	E/4.4 mph/57°F	NW/4.7 mph/65°F	NNW/3.1 mph/49°F	NE/2.1 mph/50°F	W/2.1 mph/49°F	WNW/8.2 mph/49°F	SSW/4.6 mph/59°F	NNE/2.7 mph/56°F	N/2.6 mph/45°F	WSW/4.4 mph/50°F	
Sample Type	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	
1,2,4-Trimethylbenzene	62.6	< 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	
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	
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	
Isopropylbenzene	417	< 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	
n-Propylbenzene	1,040	< 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	< 0.8	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	

Notes:

All data shown in micrograms per cubic meter (µg/m³)

> - below analytical reporting limit (shown).

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.

NS = not sampled / data not yet available.

2019-2021 - Air Sampling Results

Quanta Resources Corporation Superfund Site, OU1
 Offsite Locations - Independence Harbor
 Edgewater, New Jersey

Analyte	Risk Screening Level	Sample Date	4/16/2020	4/15/2020	4/14/2020	4/13/2020	4/10/2020	4/9/2020	4/8/2020	4/7/2020	4/6/2020	4/3/2020	4/2/2020	4/1/2020	3/31/2020	
		Location ID	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE
		Sample Exposure Time	24	24	24	24	24	24	24	24	24	24	24	24	24	24
		Average Wind Dir/Speed/Temp	NW/8.1 mph/48°F	NW/5.1 mph/53°F	NW/4.6 mph/59°F	SSE/11.7 mph/58°F	WNW/7.8 mph/48°F	SSE/5.8 mph/58°F	E/2.0 mph/64°F	SW/4.1 mph/64°F	ENE/3.4 mph/67°F	NNW/5.8 mph/52°F	NNW/7.6 mph/58°F	NE/3.5 mph/57°F	E/3.3 mph/49°F	
Sample Type	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	
24-hour exposure																
1,2,4-Trimethylbenzene	62.6	< 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	
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	
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	
Isopropylbenzene	417	< 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	
n-Propylbenzene	1,040	< 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	< 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	

Notes:

All data shown in micrograms per cubic meter (µg/m³)

> - below analytical reporting limit (shown).

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.

NS = not sampled / data not yet available.

2019-2021 - Air Sampling Results

Quanta Resources Corporation Superfund Site, OU1
 Offsite Locations - Independence Harbor
 Edgewater, New Jersey

Analyte	Risk Screening Level	Sample Date	3/30/2020	3/27/2020	3/26/2020	3/25/2020	3/24/2020	3/23/2020	3/20/2020	3/19/2020	3/18/2020	3/17/2020	3/16/2020	3/13/2020	3/12/2020	
		Location ID	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE
		Sample Exposure Time	24	24	24	24	24	24	24	24	24	24	24	24	24	24
		Average Wind Dir/Speed/Temp	ESE/2.1 mph/51°F	ESE/3.5 mph/67°F	SE/3.3 mph/59°F	E/4.5 mph/45°F	NE/3.5 mph/54°F	E/5.0 mph/39°F	SSE/2.9 mph/62°F	E/2.1 mph/50°F	S/3.4 mph/53°F	SE/2.5 mph/54°F	ESE/3.3 mph/47°F	S/4.7 mph/70°F	E/2.2 mph/50°F	
Sample Type	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	
24-hour exposure																
1,2,4-Trimethylbenzene	62.6	< 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	
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	0.7	
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	
Isopropylbenzene	417	< 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	
n-Propylbenzene	1,040	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	
Toluene	5,210	< 0.8	< 0.8	0.9	< 0.8	< 0.8	< 0.8	< 0.8	0.8	1	1	0.8	< 0.8	< 0.8	1	
Xylenes, Total	104	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	

Notes:

All data shown in micrograms per cubic meter (µg/m³)

> - below analytical reporting limit (shown).

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.

NS = not sampled / data not yet available.

2019-2021 - Air Sampling Results

Quanta Resources Corporation Superfund Site, OU1
 Offsite Locations - Independence Harbor
 Edgewater, New Jersey

Analyte	Risk Screening Level	Sample Date	3/11/2020	3/10/2020	3/9/2020	3/6/2020	3/4/2020	3/3/2020	3/2/2020	2/28/2020	2/27/2020	2/26/2020	2/24/2020	2/21/2020	2/20/2020	
		Location ID	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE
		Sample Exposure Time	24	24	24	24	24	24	24	24	24	24	24	24	24	24
		Average Wind Dir/Speed/Temp	E/2.7 mph/60°F	SSW/5.1 mph/65°F	SSW/3.9 mph/78°F	E/3.0 mph/45°F	W/7.3 mph/57°F	SE/3.9 mph/57°F	SSE/4.5 mph/58°F	WSW/6.0 mph/42°F	W/8.6 mph/42°F	N/2.7 mph/37°F	SSE/3.6 mph/60°F	N/2.7 mph/37°F	WNW/4.4 mph/35°F	
Sample Type	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	
24-hour exposure																
1,2,4-Trimethylbenzene	62.6	< 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	
Benzene	4.68	0.6	< 0.6	< 0.6	0.7	< 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	
Isopropylbenzene	417	< 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	
n-Propylbenzene	1,040	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	
Toluene	5,210	1	0.9	1	1	< 0.6	0.8	0.8	< 0.8	< 0.8	0.9	2	0.8	1		
Xylenes, Total	104	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	

Notes:

All data shown in micrograms per cubic meter (µg/m³)

> - below analytical reporting limit (shown).

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.

NS = not sampled / data not yet available.

2019-2021 - Air Sampling Results

Quanta Resources Corporation Superfund Site, OU1
 Offsite Locations - Independence Harbor
 Edgewater, New Jersey

Analyte	Risk Screening Level	Sample Date	2/19/2020	2/18/2020	2/14/2020	2/13/2020	2/12/2020	2/11/2020	2/10/2020	2/7/2020	2/6/2020	2/5/2020	2/4/2020	2/3/2020	1/31/2020	
		Location ID	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE
		Sample Exposure Time	24	24	24	24	24	24	24	24	24	24	24	24	24	24
		Average Wind Dir/Speed/Temp	NW/7.7 mph/31°F	E/2.8 mph/46°F	NW/7.7 mph/31°F	W/2.0 mph/42°F	W/3.8 mph/46°F	ENE/1.2 mph/47°F	SW/4.5 mph/47°F	WNW/5.6 mph/56°F	E/3.0 mph/41°F	NE/2.1 mph/43°F	SSE/2.2 mph/55°F	SW/3.7 mph/58°F	ENE/1.0 mph/42°F	
Sample Type	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	
1,2,4-Trimethylbenzene	62.6	< 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	
Benzene	4.68	< 0.6	0.9	< 0.6	1	0.8	0.8	0.6	< 0.6	0.9	0.7	1	1	1	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	
Isopropylbenzene	417	< 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	
n-Propylbenzene	1,040	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	
Toluene	5,210	1	1	< 0.8	2	0.9	2	1	< 0.8	1	< 0.8	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	

Notes:

All data shown in micrograms per cubic meter (µg/m³)

> - below analytical reporting limit (shown).

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.

NS = not sampled / data not yet available.

2019-2021 - Air Sampling Results

Quanta Resources Corporation Superfund Site, OU1
 Offsite Locations - Independence Harbor
 Edgewater, New Jersey

Analyte	Risk Screening Level	Sample Date	1/30/2020	1/29/2020	1/28/2020	1/27/2020	1/24/2020	1/23/2020	1/22/2020	1/21/2020	1/20/2020	1/17/2020	1/16/2020	1/15/2020	1/14/2020	
		Location ID	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE
		Sample Exposure Time	24	24	24	24	24	24	24	24	24	24	24	24	24	24
		Average Wind Dir/Speed/Temp	ENE/2.0 mph/38°F	NNW/4.7 mph/43°F	NW/5.8 mph/43°F	SW/4.4 mph/46°F	E/1.7 mph/53°F	S/2.5 mph/45°F	SW/2.8 mph/41°F	N/2.8 mph/35°F	NNW/5.6 mph/33°F	ENE/2.8 mph/34°F	WNW/7.8 mph/49°F	WNW/3.9 mph/51°F	E/2.0 mph/45°F	
Sample Type	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	
24-hour exposure																
1,2,4-Trimethylbenzene	62.6	< 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	
Benzene	4.68	1	< 0.6	< 0.6	< 0.6	2	2	1	1	0.8	0.7	< 0.6	0.9	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	
Isopropylbenzene	417	< 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	
n-Propylbenzene	1,040	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	
Toluene	5,210	2	1	1	0.8	2	3	4	2	1	1	0.8	2	5		
Xylenes, Total	104	< 0.9	< 0.9	< 0.9	< 0.9	4	3	3	< 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)

> - below analytical reporting limit (shown).

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.

NS = not sampled / data not yet available.

2019-2021 - Air Sampling Results

Quanta Resources Corporation Superfund Site, OU1
 Offsite Locations - Independence Harbor
 Edgewater, New Jersey

Analyte	Risk Screening Level 24-hour exposure	Sample Date	1/13/2020	1/10/2020	1/9/2020	1/8/2020	1/7/2020	1/6/2020	1/3/2020	1/2/2020	12/31/2019		12/30/2019	12/20/2019	12/19/2019	
		Location ID	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE		OSHE	OSHE	OSHE
		Sample Exposure Time	24	24	24	24	24	24	24	24	24	24		24	24	24
		Average Wind Dir/Speed/Temp	E/1.4 mph/44°F	SW/4.0 mph/55°F	N/3.3 mph/35°F	W/5.8 mph/44°F	ESE/2.2 mph/46°F	SW/4.4 mph/45°F	S/2.1 mph/47°F	SSW/2.9 mph/49°F	NW/2.1 mph/40°F		E/7.3 mph/41°F	NW/4.8 mph/27°F	WNW/7.6 mph/26°F	
Sample Type	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Duplicate	Primary	Primary	Primary		
1,2,4-Trimethylbenzene	62.6	< 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	
Benzene	4.68	1	0.7	0.7	< 0.6	0.9	< 0.6	1	0.8	< 0.6	0.7	< 0.6	0.9	< 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	
Isopropylbenzene	417	< 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	
n-Propylbenzene	1,040	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	
Toluene	5,210	2	1	1	0.9	1	< 0.8	3	1	0.8	0.8	< 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	

Notes:

All data shown in micrograms per cubic meter (µg/m³)

> - below analytical reporting limit (shown).

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.

NS = not sampled / data not yet available.

2019-2021 - Air Sampling Results

Quanta Resources Corporation Superfund Site, OU1
 Offsite Locations - Independence Harbor
 Edgewater, New Jersey

Analyte	Risk Screening Level	Sample Date	12/18/2019	12/17/2019	12/16/2019	12/13/2019	12/12/2019	12/11/2019	12/10/2019	12/9/2019	12/6/2019	12/5/2019	12/4/2019	12/3/2019	12/2/2019
		Location ID	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE
Sample Exposure Time		Average Wind Dir/Speed/Temp	24	24	24	24	24	24	24	24	24	24	24	24	24
Sample Type			WSW/3.9 mph/36°F	ENE/3.0 mph/34°F	WNW/2.4 mph/36°F	ENE/1.5 mph/44°F	N/3.2 mph/38°F	WNW/2.2 mph/38°F	SW/3.8 mph/58°F	SE/2.1 mph/52°F	SSW/3.9 mph/49°F	W/6.2 mph/42°F	SW/2.8 mph/38°F	NW/6.5 mph/37°F	NNW/3.9 mph/36°F
24-hour exposure			Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
1,2,4-Trimethylbenzene	62.6	< 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
Benzene	4.68	< 0.6	0.8	0.8	1	1	0.8	< 0.6	0.7	< 0.6	< 0.6	0.7	0.7	< 0.6	< 0.6
Ethylbenzene	14.6	< 0.9	< 0.9	< 0.9	1	1	< 0.9	< 0.9	< 0.9	1	< 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
Naphthalene	3.13	< 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
Toluene	5,210	< 0.8	0.9	2	1	1	1	0.8	0.8	0.8	< 0.8	1	2	0.9	0.9
Xylenes, Total	104	< 0.9	< 0.9	3	8	5	2	< 0.9	< 0.9	7	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9

Notes:

All data shown in micrograms per cubic meter (µg/m³)

> - below analytical reporting limit (shown).

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.

NS = not sampled / data not yet available.

2019-2021 - Air Sampling Results

Quanta Resources Corporation Superfund Site, OU1
 Offsite Locations - Independence Harbor
 Edgewater, New Jersey

Analyte	Risk Screening Level	Sample Date	11/27/2019	11/26/2019	11/25/2019	11/21/2019	11/20/2019	11/19/2019	11/18/2019	11/15/2019	11/14/2019	11/13/2019	11/12/2019	11/11/2019	11/8/2019	
		Location ID	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE
		Sample Exposure Time	24	24	24	24	24	24	24	24	24	24	24	24	24	24
		Average Wind Dir/Speed/Temp	SE/2.0 mph/58°F	SSW/2.9 mph/61°F	SSW/2.9 mph/54°F	NW/2.5 mph/55°F	NNW/4.5 mph/50°F	WNW/3.6 mph/47°F	NNW/2.6 mph/42°F	SW/3.4 mph/52°F	SW/3.2 mph/44°F	NW/6.7 mph/40°F	NW/6.6 mph/54°F	SE/1.4 mph/61°F	NW/6.7 mph/40°F	
Sample Type	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	
24-hour exposure																
1,2,4-Trimethylbenzene	62.6	< 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	
Benzene	4.68	0.8	1	0.7	< 0.6	0.8	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	0.8	< 0.6	
Ethylbenzene	14.6	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	
Isopropylbenzene	417	< 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	
n-Propylbenzene	1,040	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	
Toluene	5,210	2	3	0.9	0.9	2	2	2	1	1	1	0.8	< 0.8	2	0.8	
Xylenes, Total	104	< 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	

Notes:

All data shown in micrograms per cubic meter (µg/m³)

> - below analytical reporting limit (shown).

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.

NS = not sampled / data not yet available.

2019-2021 - Air Sampling Results

Quanta Resources Corporation Superfund Site, OU1
 Offsite Locations - Independence Harbor
 Edgewater, New Jersey

Analyte	Risk Screening Level 24-hour exposure	Sample Date	11/7/2019	11/6/2019	11/5/2019	11/4/2019	11/1/2019	10/31/2019	10/30/2019	10/29/2019	10/28/2019	10/25/2019	10/24/2019	10/23/2019	10/22/2019	
		Location ID	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE
		Sample Exposure Time	24	24	24	24	24	24	24	24	24	24	24	24	24	24
		Average Wind Dir/Speed/Temp	SW/3.5 mph/57°F	W/3.9 mph/57°F	WSW/2.2 mph/61°F	SSW/3.9 mph/57°F	W/6.6 mph/57°F	SSW/5.1 mph/72°F	ENE/1.0 mph/63°F	E/1.7 mph/59°F	NE/1.8 mph/63°F	SSW/2.6 mph/66°F	SSW/3.0 mph/68°F	W/4.9 mph/67°F	E/3.1 mph/60°F	
Sample Type	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	
1,2,4-Trimethylbenzene	62.6	< 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	
Benzene	4.68	< 0.6	< 0.6	0.7	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	0.6	< 0.6	0.7	< 0.6	< 0.6	0.7	
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	
Isopropylbenzene	417	< 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	
n-Propylbenzene	1,040	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	
Toluene	5,210	2	1	2	0.9	0.8	< 0.8	1	2	1	2	2	2	1	2	
Xylenes, Total	104	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	4	5	< 0.9	2	< 0.9	< 0.9	< 0.9	< 0.9	

Notes:

All data shown in micrograms per cubic meter (µg/m³)

> - below analytical reporting limit (shown).

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.

NS = not sampled / data not yet available.

2019-2021 - Air Sampling Results

Quanta Resources Corporation Superfund Site, OU1
 Offsite Locations - Independence Harbor
 Edgewater, New Jersey

Analyte	Risk Screening Level 24-hour exposure	Sample Date	10/21/2019	10/18/2019	10/17/2019	10/16/2019	10/15/2019	10/14/2019	10/11/2019	10/10/2019	10/9/2019	10/8/2019	10/7/2019	
		Location ID	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE
		Sample Exposure Time	24	24	24	24	24	24	24	24	24	24	24	24
		Average Wind Dir/Speed/Temp	ENE/2.4 mph/71°F	NW/6.6 mph/59°F	WSW/6.9 mph/58°F	ESE/6.2 mph/66°F	N/3.1 mph/67°F	WSW/3.9 mph/75°F	NNE/3.6 mph/66°F	N/3.5 mph/71°F	NE/3.3 mph/59°F	NNE/2.4 mph/64°F	SSW/4.6 mph/79°F	
Sample Type	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary		
1,2,4-Trimethylbenzene	62.6	< 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	
Benzene	4.68	0.7	< 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	1	1	< 0.9	< 0.9	< 0.9	< 0.9	1	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	
Isopropylbenzene	417	< 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	
n-Propylbenzene	1,040	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	
Toluene	5,210	2	1	< 0.8	< 0.8	1	0.9	0.8	< 0.8	< 0.8	0.8	< 0.8	< 0.8	
Xylenes, Total	104	6	5	< 0.9	< 0.9	< 0.9	< 0.9	5	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	

Notes:

All data shown in micrograms per cubic meter (µg/m³)

> - below analytical reporting limit (shown).

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.

NS = not sampled / data not yet available.

2019-2021 - Air Sampling Results

Quanta Resources Corporation Superfund Site, OU1
 Offsite Locations - Independence Harbor
 Edgewater, New Jersey

Analyte	Risk Screening Level 24-hour exposure	Sample Date	10/4/2019	10/3/2019	10/2/2019	10/1/2019	9/30/2019	9/27/2019	9/26/2019	9/25/2019	9/24/2019	9/23/2019	9/20/2019	9/19/2019	9/18/2019	
		Location ID	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE
		Sample Exposure Time	24	24	24	24	24	24	24	24	24	24	24	24	24	24
		Average Wind Dir/Speed/Temp	NW/5.7 mph/66°F	E/3.9 mph/56°F	WSW/4.3 mph/94°F	SSW/4.4 mph/81°F	ESE/2.8 mph/73°F	W/3.3 mph/80°F	SSW/4.2 mph/82°F	W/3.3 mph/80°F	WNW/5.3 mph/78°F	SSW/4.0 mph/89°F	W/3.7 mph/80°F	ESE/2.7 mph/73°F	ENE/2.5 mph/72°F	
Sample Type	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	
1,2,4-Trimethylbenzene	62.6	< 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	
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	
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	
Isopropylbenzene	417	< 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	
n-Propylbenzene	1,040	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	
Toluene	5,210	0.9	1	1	1	< 0.8	1	1	1	2	1	< 0.8	2	2	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	2	< 0.9	

Notes:

All data shown in micrograms per cubic meter (µg/m³)

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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.

NS = not sampled / data not yet available.

2019-2021 - Air Sampling Results

Quanta Resources Corporation Superfund Site, OU1
 Offsite Locations - Independence Harbor
 Edgewater, New Jersey

Analyte	Risk Screening Level	Sample Date	9/17/2019	9/16/2019	9/13/2019	9/12/2019	9/11/2019	9/10/2019	9/9/2019	9/6/2019	9/5/2019	9/4/2019	9/3/2019	8/30/2019	8/29/2019	
		Location ID	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE
		Sample Exposure Time	24	24	24	24	24	24	24	24	24	24	24	24	24	24
		Average Wind Dir/Speed/Temp	ENE/2.8 mph/80°F	E/2.0 mph/79°F	ESE/3.9 mph/72°F	ENE/2.2 mph/83°F	SW/4.7 mph/90°F	SE/3.4 mph/78°F	E/2.4 mph/82°F	E/4.3 mph/67°F	ENE/2.6 mph/74°F	SSW/4.7 mph/90°F	E/2.2 mph/85°F	SW/4.7 mph/88°F	NW/3.5 mph/83°F	
Sample Type	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	
24-hour exposure																
1,2,4-Trimethylbenzene	62.6	< 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	
Benzene	4.68	< 0.6	0.7	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	
Ethylbenzene	14.6	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	3	6	4	< 0.9	< 0.9	< 0.9	
Isopropylbenzene	417	< 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	
n-Propylbenzene	1,040	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	
Toluene	5,210	2	3	0.9	1	< 0.8	< 0.8	2	< 0.8	< 0.8	< 0.8	< 0.8	1	0.9	1	
Xylenes, Total	104	< 0.9	4	< 0.9	2	< 0.9	< 0.9	2	< 0.8	19	31	19	2	< 0.9	< 0.9	

Notes:

All data shown in micrograms per cubic meter (µg/m³)

> - below analytical reporting limit (shown).

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.

NS = not sampled / data not yet available.

2019-2021 - Air Sampling Results

Quanta Resources Corporation Superfund Site, OU1
 Offsite Locations - Independence Harbor
 Edgewater, New Jersey

Analyte	Risk Screening Level 24-hour exposure	8/28/2019	8/27/2019	8/26/2019	8/23/2019	8/22/2019	8/21/2019	8/20/2019	8/19/2019	8/16/2019	8/15/2019	8/14/2019	8/13/2019	8/12/2019	
		Location ID	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE
		Sample Exposure Time	24	24	24	24	24	24	24	24	24	24	24	24	24
		Average Wind Dir/Speed/Temp	E/2.4 mph/75°F	SE/3.5 mph/76°F	E/3.4 mph/77°F	N/1.9 mph/76°F	W/4.1 mph/91°F	SSW/4.0 mph/88°F	ESE/2.6 mph/89°F	S/4.0 mph/90°F	ESE/2.2 mph/82°F	ESE/3.5 mph/86°F	ENE/3.0 mph/87°F	SSW/2.6 mph/81°F	WSW/4.3 mph/87°F
Sample Type	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	
1,2,4-Trimethylbenzene	62.6	< 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	
Benzene	4.68	< 0.6	< 0.6	< 0.6	0.7	< 0.6	< 0.6	< 0.6	< 0.6	0.7	< 0.6	0.8	< 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	
Isopropylbenzene	417	< 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	
n-Propylbenzene	1,040	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	
Toluene	5,210	1	1	1	2	< 0.8	0.9	1	1	2	1	2	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	

Notes:

All data shown in micrograms per cubic meter (µg/m³)

> - below analytical reporting limit (shown).

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.

NS = not sampled / data not yet available.

2019-2021 - Air Sampling Results

Quanta Resources Corporation Superfund Site, OU1
 Offsite Locations - Independence Harbor
 Edgewater, New Jersey

Analyte	Risk Screening Level	Sample Date	8/9/2019	8/8/2019	8/7/2019	8/6/2019	8/5/2019	8/2/2019	8/1/2019	7/31/2019	7/30/2019	7/29/2019	7/26/2019	7/25/2019	7/24/2019	
		Location ID	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE
		Sample Exposure Time	24	24	24	24	24	24	24	24	24	24	24	24	24	24
		Average Wind Dir/Speed/Temp	WNW/4.2 mph/83°F	SSW/4.6 mph/87°F	S/5.0 mph/84°F	ESE/3.6 mph/81°F	E/2.7 mph/85°F	ESE/2.8 mph/87°F	E/2.7 mph/88°F	SSW/3.1 mph/90°F	S/4.7 mph/92°F	SSW/4.2 mph/93°F	ESE/2.8 mph/89°F	ENE/3.1 mph/87°F	ENE/2.7 mph/86°F	
Sample Type	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	
24-hour exposure																
1,2,4-Trimethylbenzene	62.6	< 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	
Benzene	4.68	< 0.6	< 0.6	< 0.6	< 0.6	0.6	0.8	0.8	1	< 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	1	< 0.9	
Isopropylbenzene	417	< 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	
n-Propylbenzene	1,040	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	
Toluene	5,210	1	1	0.8	1	2	1	2	3	1	1	1	1	2	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	5	< 0.9	

Notes:

All data shown in micrograms per cubic meter (µg/m³)

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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.

NS = not sampled / data not yet available.

2019-2021 - Air Sampling Results

Quanta Resources Corporation Superfund Site, OU1
 Offsite Locations - Independence Harbor
 Edgewater, New Jersey

Analyte	Risk Screening Level	Sample Date	7/23/2019	7/22/2019	7/19/2019	7/18/2019	7/17/2019	7/16/2019	7/15/2019	7/12/2019	7/11/2019	7/10/2019	7/9/2019	7/8/2019	7/3/2019	
		Location ID	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE
		Sample Exposure Time	24	24	24	24	24	24	24	24	24	24	24	24	24	24
		Average Wind Dir/Speed/Temp	NNE/3.1 mph/76°F	SE/4.9 mph/90°F	S/4.1 mph/90°F	ENE/1.7 mph/80°F	SSW/4.2 mph/94°F	SW/4.4 mph/92°F	WNW/3.6 mph/88°F	W/3.6 mph/91°F	NW/3.4 mph/89°F	E/2.1 mph/80°F	E/2.2 mph/90°F			
Sample Type	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary		
1,2,4-Trimethylbenzene	62.6	< 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	
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	0.7	0.8	
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	
Isopropylbenzene	417	< 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	
n-Propylbenzene	1,040	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	
Toluene	5,210	1	1	1	2	2	1	2	1	1	2	3	2	2	2	
Xylenes, Total	104	< 0.9	< 0.9	< 0.9	3	< 0.9	< 0.9	3	< 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)

> - below analytical reporting limit (shown).

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.

NS = not sampled / data not yet available.

2019-2021 - Air Sampling Results

Quanta Resources Corporation Superfund Site, OU1
 Offsite Locations - Independence Harbor
 Edgewater, New Jersey

Analyte	Risk Screening Level 24-hour exposure	Sample Date	7/2/2019	7/1/2019	6/28/2019	6/27/2019	6/26/2019	6/25/2019	6/24/2019	6/21/2019	6/20/2019	6/19/2019	6/18/2019	6/17/2019	6/14/2019	
		Location ID	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE
		Sample Exposure Time	24	24	24	24	24	24	24	24	24	24	24	24	24	24
		Average Wind Dir/Speed/Temp	W/3.7 mph/89°F	NNE/3.7 mph/90°F	ESE/2.8 mph/95°F	NW/4.4 mph/91°F	WNW/3.2 mph/91°F	S/3.1 mph/86°F	SSW/3.3 mph/86°F	NNW/4.7 mph/80°F	E/1.6 mph/82°F	ESE/2.8 mph/73°F	SSE/1.9 mph/75°F	ENE/1.9 mph/77°F	WSW/5.6 mph/72°F	
Sample Type	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	
1,2,4-Trimethylbenzene	62.6	< 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	
Benzene	4.68	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	0.7	< 0.6	< 0.6	0.9	0.7	< 0.6	0.7	< 0.6	< 0.6	
Ethylbenzene	14.6	< 0.9	< 0.9	< 0.9	5	< 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	
Naphthalene	3.13	< 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	
Toluene	5,210	1	1	1	1	1	2	1	1	3	2	2	2	2	1	
Xylenes, Total	104	< 0.9	4	< 0.9	30	< 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)

> - below analytical reporting limit (shown).

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.

NS = not sampled / data not yet available.

2019-2021 - Air Sampling Results

Quanta Resources Corporation Superfund Site, OU1
 Offsite Locations - Independence Harbor
 Edgewater, New Jersey

Analyte	Risk Screening Level 24-hour exposure	Sample Date	6/13/2019	6/12/2019	6/10/2019	6/7/2019	6/6/2019	6/5/2019	6/4/2019	6/3/2019	5/31/2019	5/30/2019	5/29/2019	5/28/2019	
		Location ID	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE
		Sample Exposure Time	24	24	24	24	24	24	24	24	24	24	24	24	24
		Average Wind Dir/Speed/Temp	ENE/5.4 mph/67°F	ESE/3.5 mph/77°F	E/4.6 mph/67°F	E/2.4 mph/84°F	NNW/4.3 mph/85°F	S/4.0 mph/82°F	WSW/4.5 mph/72°F	WNW/5.9 mph/72°F	WNW/4.1 mph/81°F	SSE/3.4 mph/70°F	E/3.5 mph/70°F	ESE/4.5 mph/68°F	ESE/4.5 mph/68°F
Sample Type	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Duplicate	
1,2,4-Trimethylbenzene	62.6	< 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	
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	
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	
Isopropylbenzene	417	< 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	
n-Propylbenzene	1,040	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	
Toluene	5,210	1	1	2	2	1	0.9	< 0.8	0.8	1	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	

Notes:

All data shown in micrograms per cubic meter (µg/m³)

> - below analytical reporting limit (shown).

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

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NS = not sampled / data not yet available.

2019-2021 - Air Sampling Results

Quanta Resources Corporation Superfund Site, OU1
 Offsite Locations - Independence Harbor
 Edgewater, New Jersey

Analyte	Risk Screening Level 24-hour exposure	5/21/2019	5/20/2019		5/16/2019	5/15/2019	5/14/2019	5/13/2019	5/9/2019	5/8/2019	5/7/2019		5/6/2019	5/2/2019
		Location ID	OSHE		OSHE	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE		OSHE	OSHE
		Sample Exposure Time	24		24	24	24	24	24	24	24		24	24
		Average Wind Dir/Speed/Temp	NW/7.8 mph/72°F		SW/5.6 mph/88°F		WNW/4.0 mph/74°F	NW/5.2 mph/70°F	E/1.7 mph/51°F	E/5.2 mph/49°F	ESE/5.2 mph/61°F	E/2.8 mph/71°F		SSE/4.2 mph/69°F
Sample Type	Primary	Primary	Duplicate	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Duplicate	Primary	Primary
1,2,4-Trimethylbenzene	62.6	< 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
Benzene	4.68	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	0.8	0.7	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
Isopropylbenzene	417	< 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
n-Propylbenzene	1,040	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	5,210	< 0.8	< 0.8	< 0.8	2	1	2	1	0.9	2	2	2	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

Notes:

All data shown in micrograms per cubic meter (µg/m³)

> - below analytical reporting limit (shown).

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.

NS = not sampled / data not yet available.

2019-2021 - Air Sampling Results

Quanta Resources Corporation Superfund Site, OU1
 Offsite Locations - Independence Harbor
 Edgewater, New Jersey

Analyte	Risk Screening Level	Sample Date	5/1/2019	4/30/2019	4/29/2019	4/25/2019	4/24/2019	4/23/2019
		Location ID	OSHE	OSHE	OSHE	OSHE	OSHE	OSHE
		Sample Exposure Time	24	24	24	24	24	24
		Average Wind Dir/Speed/Temp	SE/4.9 mph/55°F	ESE/1.9 mph/61°F	SE/3.0 mph/59°F	SE/2.9 mph/63°F	NW/7.9 mph/68°F	S/3.7 mph/75°F
Sample Type	Primary	Primary	Primary	Primary	Primary	Primary		
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	< 0.6	< 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	1	1	0.8	1	0.8	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 ($\mu\text{g}/\text{m}^3$)

> - below analytical reporting limit (shown).

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

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NS = not sampled / data not yet available.