

ISS Suspension 2018 - 2019 - Air Sampling Results  
 Quanta Resources Corporation Superfund Site, OU1  
 Perimeter Location - FD02  
 Edgewater, New Jersey

	7/9/2018	7/10/2018	7/11/2018		7/12/2018	7/13/2018	7/16/2018	7/17/2018	7/18/2018	7/19/2018	7/20/2018	7/23/2018		7/25/2018	7/26/2018	7/27/2018	7/30/2018
	FD02	FD02	FD02		FD02	FD02	FD02	FD02	FD02	FD02	FD02	FD02		FD02	FD02	FD02	FD02
	24	24	24		24	24	24	24	24	24	24	24		24	24	24	24
	SSW/3.6 mph/87°F	SW/3.2 mph/94°F	E/3.2 mph/88°F		E/2.2 mph/86°F	SSE/3.2 mph/84°F	S/4.1 mph/91°F	S/4.3 mph/89°F	NNE/3.3 mph/86°F	E/2.7 mph/84°F	SE/2.3 mph/82°F	SE/8.9 mph/81°F		SSE/7.0 mph/79°F	WSW/3.4 mph/85°F	S/4.2 mph/89°F	E/2.5 mph/81°F
Sample Type	Primary	Primary	Primary	Duplicate	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Duplicate	Primary	Primary	Primary	Primary
Constituent of Concern																	
24-hour exposure																	
1,2,4-Trimethylbenzene	62.6	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,3,5-Trimethylbenzene	62.6	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Benzene	4.68	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6
Ethylbenzene	14.6	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9
Isopropylbenzene	417	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Naphthalene	3.13	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
n-Propylbenzene	1,040	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	5,210	1	< 0.8	< 0.8	< 0.8	1	0.8	1	1	0.9	1	< 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	< 0.9	< 0.9

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

\*Sample collected on 7/24/2018 not analyzed due to equipment malfunction  
 \*\* Sample collected ahead of 24-hour sample time and therefore is considered an estimate  
 Average wind direction/speed/temperature measured at a sensor on the Quanta Property

Levels in air that are shaded are greater than the applicable RSL. The RSL is used principally as a screening value used to guide actions at the site to control emissions and odors. The RSL was calculated using a scenario assuming an individual stands on the site perimeter for 24 hours per day for 2 years.

Daily levels in air have been presented in this table for informational purposes. RSLs should be compared with longer-term average levels in air, rather than daily levels in air, for purposes of assessing risks.

ISS Suspension 2018 - 2019 - Air Sampling Results  
 Quanta Resources Corporation Superfund Site, OUI  
 Perimeter Location - FD02  
 Edgewater, New Jersey

Sample Date	7/31/2018	8/1/2018	8/2/2018	8/3/2018	8/6/2018	8/7/2018	8/8/2018	8/9/2018	8/13/2018	8/14/2018**	8/16/2018	8/20/2018	8/21/2018	8/23/2018	8/27/2018
Location ID	FD02	FD02	FD02	FD02	FD02	FD02	FD02	FD02	FD02	FD02	FD02	FD02	FD02	FD02	FD02
Sample Exposure Time	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24
Average Wind Dir/Speed/Temp	SE/3.3 mph/82°F	SSE/5.3 mph/86°F	SW/4.4 mph/87°F	S/4.3 mph/86°F	WSW/3.2 mph/95°F	S/4.8 mph/90°F	S/3.8 mph/90°F	WNW/5.2 mph/88°F	ENE/2.4 mph/75°F	S/4.2 mph/84°F	WNW/4.0 mph/90°F	E/2.8 mph/75°F	ESE/4.6 mph/80°F	NNW/4.8 mph/79°F	W/3.2 mph/90°F
Sample Type	Primary	Duplicate	Primary	Primary	Primary	Primary	Primary	Duplicate	Primary	Primary	Primary	Primary	Duplicate	Primary	Primary
Constituent of Concern															
24-hour exposure															
1,2,4-Trimethylbenzene	62.6	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,3,5-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	0.7	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6
Ethylbenzene	14.6	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9
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	0.9	0.9	< 0.8	1	4	1	2	2	1	1	0.8	< 0.8
Xylenes, Total	104	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	4	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9

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

\*Sample collected on 7/24/2018 not analyzed due to equipment malfunction  
 \*\* Sample collected ahead of 24-hour sample time and therefore is considered an estimate  
 Average wind direction/speed/temperature measured at a sensor on the Quanta Property

Levels in air that are shaded are greater than the applicable RSL. The RSL is used principally as a screening value used to guide actions at the site to control emissions and odors. The RSL was calculated using a scenario assuming an individual stands on the site perimeter for 24 hours per day for 2 years.

Daily levels in air have been presented in this table for informational purposes. RSLs should be compared with longer-term average levels in air, rather than daily levels in air, for purposes of assessing risks.

**ISS Suspension 2018 - 2019 - Air Sampling Results**  
 Quanta Resources Corporation Superfund Site, OU1  
 Perimeter Location - FD02  
 Edgewater, New Jersey

	Sample Date	8/28/2018	8/29/2018	8/30/2018	9/4/2018	9/5/2018	9/6/2018	9/7/2018	9/10/2018	9/11/2018	9/12/2018	9/13/2018	9/14/2018	9/17/2018	9/18/2018	9/19/2018	9/20/2018
	Location ID	FD02	FD02	FD02	FD02	FD02	FD02	FD02	FD02	FD02	FD02	FD02	FD02	FD02	FD02	FD02	FD02
	Sample Exposure Time	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24
	Average Wind Dir/Speed/Temp	SW/3.7 mph/96°F	SW/4.3 mph/96°F	E/3.7 mph/76°F	E/2.7 mph/94°F	SE/4.2 mph/90°F	SSW/4.0 mph/94°F	E/3.7 mph/77°F	E/5.5 mph/63°F	ENE/1.3 mph/74°F	ENE/1.3 mph/78°F	E/2.5 mph/78°F	E/3.3 mph/76°F	SE/3.6 mph/79°F	SW/3.6 mph/81°F	NE/2.7 mph/83°F	E/2.2 mph/75°F
	Sample Type	Primary	Primary	Primary Duplicate	Primary	Primary	Primary	Primary	Primary	Primary Duplicate	Primary	Primary	Primary	Primary	Primary	Primary	Primary Duplicate
Constituent of Concern	24-hour exposure																
1,2,4-Trimethylbenzene	62.6	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,3,5-Trimethylbenzene	62.6	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Benzene	4.68	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	1	1	0.8	0.8	1	< 0.6	< 0.6	0.6
Ethylbenzene	14.6	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9
Isopropylbenzene	417	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Naphthalene	3.13	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
n-Propylbenzene	1,040	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	5,210	0.9	0.8	1	1	1	1	0.9	0.8	1	4	4	2	1	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	< 0.9	< 0.9

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

\*Sample collected on 7/24/2018 not analyzed due to equipment malfunction  
 \*\* Sample collected ahead of 24-hour sample time and therefore is considered an estimate  
 Average wind direction/speed/temperature measured at a sensor on the Quanta Property

Levels in air that are shaded are greater than the applicable RSL. The RSL is used principally as a screening value used to guide actions at the site to control emissions and odors. The RSL was calculated using a scenario assuming an individual stands on the site perimeter for 24 hours per day for 2 years.

Daily levels in air have been presented in this table for informational purposes. RSLs should be compared with longer-term average levels in air, rather than daily levels in air, for purposes of assessing risks.

ISS Suspension 2018 - 2019 - Air Sampling Results  
 Quanta Resources Corporation Superfund Site, OUI  
 Perimeter Location - FD02  
 Edgewater, New Jersey

Sample Date	9/21/2018	9/24/2018	9/25/2018	9/27/2018	10/1/2018	10/2/2018	10/3/2018	10/4/2018	10/5/2018	10/8/2018	10/9/2018	10/10/2018	10/11/2018	10/12/2018	10/15/2018		
Location ID	FD02	FD02	FD02	FD02	FD02	FD02	FD02	FD02	FD02	FD02	FD02	FD02	FD02	FD02	FD02		
Sample Exposure Time	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24		
Average Wind Dir/Speed/Temp	S/4.6 mph/72°F	E/4.9 mph/69°F	SE/4.6 mph/74°F	NE/2.8 mph/76°F	SSW/2.9 mph/79°F	SSE/3.0 mph/79°F	NW/4.6 mph/77°F	SSW/2.6 mph/78°F	NE/2.8 mph/72°F	E/3.9 mph/67°F	S/1.9 mph/77°F	S/3.6 mph/83°F	SSW/4.1 mph/79°F	NW/8.7 mph/63°F	SSW/3.8 mph/65°F		
Sample Type	Primary	Primary	Primary	Primary	Primary	Primary	Duplicate	Primary	Primary	Primary	Primary	Primary	Primary	Duplicate	Primary	Primary	Primary
Constituent of Concern																	
24-hour exposure																	
1,2,4-Trimethylbenzene	62.6	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,3,5-Trimethylbenzene	62.6	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Benzene	4.68	< 0.6	< 0.6	< 0.6	< 0.6	1	1	1	1	< 0.6	0.8	0.8	< 0.6	0.6	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	< 0.9
Isopropylbenzene	417	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Naphthalene	3.13	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
n-Propylbenzene	1,040	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	5,210	< 0.8	< 0.8	1	< 0.8	2	0.9	0.9	0.9	2	0.9	1	1	1	2	0.8	0.9
Xylenes, Total	104	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9

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

\*Sample collected on 7/24/2018 not analyzed due to equipment malfunction  
 \*\* Sample collected ahead of 24-hour sample time and therefore is considered an estimate  
 Average wind direction/speed/temperature measured at a sensor on the Quanta Property

Levels in air that are shaded are greater than the applicable RSL. The RSL is used principally as a screening value used to guide actions at the site to control emissions and odors. The RSL was calculated using a scenario assuming an individual stands on the site perimeter for 24 hours per day for 2 years.

Daily levels in air have been presented in this table for informational purposes. RSLs should be compared with longer-term average levels in air, rather than daily levels in air, for purposes of assessing risks.

**ISS Suspension 2018 - 2019 - Air Sampling Results**  
 Quanta Resources Corporation Superfund Site, OU1  
 Perimeter Location - FD02  
 Edgewater, New Jersey

Sample Date	10/16/2018	10/18/2018	10/22/2018	10/23/2018	10/25/2018	10/29/2018	10/30/2018	11/1/2018	11/5/2018	11/6/2018	11/8/2018	11/12/2018	11/13/2018	11/14/2018	11/15/2018	
Location ID	FD02	FD02	FD02	FD02	FD02	FD02	FD02	FD02	FD02	FD02	FD02	FD02	FD02	FD02	FD02	
Sample Exposure Time	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	
Average Wind Dir/Speed/Temp	WNW/5.2 mph/56°F	NW/6.8 mph/51°F	SW/3.1 mph/51°F		SSW/3.4 mph/65°F	NW/5.7 mph/52°F	WSW/5.0 mph/57°F	WNW/6.4 mph/56°F	S/2.9 mph/72°F	E/5.5 mph/53°F	ESE/3.4 mph/59°F	NW/3.7 mph/58°F	SW/3.3 mph/49°F	NNW/5.1 mph/48°F	NW/7.1 mph/40°F	ENE/3.0 mph/34°F
Sample Type	Primary	Primary	Primary	Duplicate	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Duplicate	Primary	Primary	Primary	Primary
Constituent of Concern																
24-hour exposure																
1,2,4-Trimethylbenzene	62.6	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,3,5-Trimethylbenzene	62.6	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Benzene	4.68	< 0.6	< 0.6	0.7	< 0.6	< 0.6	< 0.6	< 0.6	0.7	< 0.6	0.7	< 0.6	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	< 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	1	0.9	1	1	0.8	< 0.8	0.8	2	2	1	2	2	< 0.8	1	0.8
Xylenes, Total	104	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9

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

\*Sample collected on 7/24/2018 not analyzed due to equipment malfunction  
 \*\* Sample collected ahead of 24-hour sample time and therefore is considered an estimate  
 Average wind direction/speed/temperature measured at a sensor on the Quanta Property

Levels in air that are shaded are greater than the applicable RSL. The RSL is used principally as a screening value used to guide actions at the site to control emissions and odors. The RSL was calculated using a scenario assuming an individual stands on the site perimeter for 24 hours per day for 2 years.

Daily levels in air have been presented in this table for informational purposes. RSLs should be compared with longer-term average levels in air, rather than daily levels in air, for purposes of assessing risks.

ISS Suspension 2018 - 2019 - Air Sampling Results  
 Quanta Resources Corporation Superfund Site, OU1  
 Perimeter Location - FD02  
 Edgewater, New Jersey

Sample Date	11/16/2018	11/19/2018	11/20/2018	11/26/2018	11/27/2018	11/29/2018	12/3/2018	12/4/2018	12/6/2018	12/10/2018	12/11/2018	12/13/2018	12/17/2018	12/18/2018	12/20/2018
Location ID	FD02	FD02	FD02	FD02	FD02	FD02	FD02	FD02	FD02	FD02	FD02	FD02	FD02	FD02	FD02
Sample Exposure Time	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24
Average Wind Dir/Speed/Temp	NW/68 mph/45°F	NW/2.5 mph/52°F	NW/5.2 mph/47°F	E/4.9 mph/69°F	W/7.2 mph/45°F	NW/8.0 mph/45°F	W/1.4 mph/42°F	NW/6.6 mph/42°F	WSW/4.0 mph/40°F	N/3.4 mph/42°F	n/a	ENE/3.8 mph/46°F	WNW/6.7 mph/47°F	NW/8.5 mph/36°F	NE/1.2 mph/45°F
Sample Type	Primary	Duplicate	Primary	Primary	Primary	Primary	Primary	Duplicate	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Constituent of Concern															
24-hour exposure															
1,2,4-Trimethylbenzene	62.6	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,3,5-Trimethylbenzene	62.6	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Benzene	4.68	< 0.6	< 0.6	1	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	0.7	0.9	0.9	< 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	2	1	1	< 0.8	< 0.8	< 0.8	0.8	< 0.8	1	1	2	1
Xylenes, Total	104	< 0.9	< 0.9	4	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9

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

\*Sample collected on 7/24/2018 not analyzed due to equipment malfunction  
 \*\* Sample collected ahead of 24-hour sample time and therefore is considered an estimate  
 Average wind direction/speed/temperature measured at a sensor on the Quanta Property

Levels in air that are shaded are greater than the applicable RSL. The RSL is used principally as a screening value used to guide actions at the site to control emissions and odors. The RSL was calculated using a scenario assuming an individual stands on the site perimeter for 24 hours per day for 2 years.

Daily levels in air have been presented in this table for informational purposes. RSLs should be compared with longer-term average levels in air, rather than daily levels in air, for purposes of assessing risks.

ISS Suspension 2018 - 2019 - Air Sampling Results  
 Quanta Resources Corporation Superfund Site, OUI  
 Perimeter Location - FD02  
 Edgewater, New Jersey

Sample Date	1/3/2019	1/7/2019	1/8/2019	1/10/2019	1/14/2019	1/15/2019	1/16/2019	1/17/2019	1/18/2019	1/21/2019	1/22/2019	1/23/2019	1/24/2019	1/25/2019	1/28/2019
Location ID	FD02	FD02	FD02	FD02	FD02	FD02	FD02	FD02	FD02	FD02	FD02	FD02	FD02	FD02	FD02
Sample Exposure Time	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24
Average Wind Dir/Speed/Temp	NW/5.5 mph/44°F	N/3.3 mph/32°F	N/1.9 mph/42°F	NW/9.8 mph/34°F	N/3.5 mph/35°F	N/2.8 mph/37°F	WSW/4.4 mph/40°F	ENE/2.8 mph/34°F	ENE/1.3 mph/38°F	NW/12.4 mph/14°F	ENE/1.3 mph/38°F	SSW/3.3mph/45°F	S/7.5 mph/58°F	W/6.1 mph/39°F	NE/3.1 mph/32°F
Sample Type	Primary	Primary	Primary	Primary	Duplicate	Primary	Duplicate	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Constituent of Concern															
24-hour exposure															
1,2,4-Trimethylbenzene	62.6	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,3,5-Trimethylbenzene	62.6	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Benzene	4.68	0.7	0.6	1	< 0.6	< 0.6	0.8	0.8	1	< 0.6	0.7	1	< 0.6	< 0.6	0.9
Ethylbenzene	14.6	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9
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	2	< 0.8	< 0.8	1	1	2	< 0.8	0.9	1	< 0.8	< 0.8	0.9
Xylenes, Total	104	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9

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

\*Sample collected on 7/24/2018 not analyzed due to equipment malfunction  
 \*\* Sample collected ahead of 24-hour sample time and therefore is considered an estimate  
 Average wind direction/speed/temperature measured at a sensor on the Quanta Property

Levels in air that are shaded are greater than the applicable RSL. The RSL is used principally as a screening value used to guide actions at the site to control emissions and odors. The RSL was calculated using a scenario assuming an individual stands on the site perimeter for 24 hours per day for 2 years.

Daily levels in air have been presented in this table for informational purposes. RSLs should be compared with longer-term average levels in air, rather than daily levels in air, for purposes of assessing risks.

ISS Suspension 2018 - 2019 - Air Sampling Results  
 Quanta Resources Corporation Superfund Site, OU1  
 Perimeter Location - FD02  
 Edgewater, New Jersey

Sample Date	1/29/2019	2/1/2019	2/4/2019	2/5/2019	2/6/2019	2/7/2019	2/11/2019	2/12/2019	2/14/2019	2/18/2019	2/19/2019	2/21/2019	2/25/2019	2/26/2019	2/28/2019
Location ID	FD02	FD02	FD02	FD02	FD02	FD02	FD02	FD02	FD02	FD02	FD02	FD02	FD02	FD02	FD02
Sample Exposure Time	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24
Average Wind Dir/Speed/Temp	E/5.0 mph/42°F	W/3.5 mph/21°F	S/3.1 mph/60°F	SSE/3.0 mph/64°F	E/2.9 mph/48°F	E/1.6 mph/44°F	NE/1.9 mph/38°F	E/6.5 mph/30°F	W/5.8 mph/46°F	WNW/4.7 mph/41°F	NW/6.5 mph/36°F	WSW/3.7 mph/53°F	WNW/11.1 mph/42°F	WNW/8.1 mph/37°F	N/5.3 mph/37°F
Sample Type	Primary	Duplicate	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Duplicate	Primary	Primary	Primary
Constituent of Concern															
24-hour exposure															
1,2,4-Trimethylbenzene	62.6	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,3,5-Trimethylbenzene	62.6	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Benzene	4.68	0.8	0.8	0.8	2	1	0.8	0.9	0.8	0.8	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	1	< 0.8	3	2	< 0.8	1	1	1	0.8	< 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/m<sup>3</sup>)  
 n/a = not applicable. Weather data were not collected.  
 > - below analytical reporting limit (shown).

\*Sample collected on 7/24/2018 not analyzed due to equipment malfunction  
 \*\* Sample collected ahead of 24-hour sample time and therefore is considered an estimate  
 Average wind direction/speed/temperature measured at a sensor on the Quanta Property

Levels in air that are shaded are greater than the applicable RSL. The RSL is used principally as a screening value used to guide actions at the site to control emissions and odors. The RSL was calculated using a scenario assuming an individual stands on the site perimeter for 24 hours per day for 2 years.

Daily levels in air have been presented in this table for informational purposes. RSLs should be compared with longer-term average levels in air, rather than daily levels in air, for purposes of assessing risks.



ISS Suspension 2018 - 2019 - Air Sampling Results  
 Quanta Resources Corporation Superfund Site, OU1  
 Perimeter Location - FD02  
 Edgewater, New Jersey

	Sample Date	3/4/2019	3/5/2019	3/7/2019	3/11/2019	3/12/2019	3/14/2019	3/18/2019	3/19/2019	3/21/2019	3/25/2019	3/28/2019	4/1/2019	4/2/2019	4/3/2019
	Location ID	FD02	FD02	FD02	FD02	FD02	FD02	FD02	FD02	FD02	FD02	FD02	FD02	FD02	FD02
	Sample Exposure Time	24	24	24	24	24	24	24	24	24	24	24	24	24	24
	Average Wind Dir/Speed/Temp	n/a	WSW/4.3 mph/32°F	W/5.5 mph/32°F	WSW/5.9 mph/52°F	NW/7.6 mph/43°F	W/6.7 mph/40°F	WNW/4.9 mph/46°F	W/3.4 mph/49°F	E/3.5 mph/46°F	N/3.4 mph/52°F	S/5.1 mph/50°F	NW/9.8 mph/46°F	SE/7.2 mph/49°F	W/7.1 mph/66°F
	Sample Type	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Duplicate	Primary	Primary	Primary	Primary	Primary	Primary
Constituent of Concern	24-hour exposure														
1,2,4-Trimethylbenzene	62.6	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,3,5-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	0.7	0.6	0.7	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	< 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	1	1	1	1	1	< 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 ( $\mu\text{g}/\text{m}^3$ )  
 n/a = not applicable. Weather data were not collected.  
 > - below analytical reporting limit (shown).

\*Sample collected on 7/24/2018 not analyzed due to equipment malfunction  
 \*\* Sample collected ahead of 24-hour sample time and therefore is considered an estimate  
 Average wind direction/speed/temperature measured at a sensor on the Quanta Property

Levels in air that are shaded are greater than the applicable RSL. The RSL is used principally as a screening value used to guide actions at the site to control emissions and odors. The RSL was calculated using a scenario assuming an individual stands on the site perimeter for 24 hours per day for 2 years.

Daily levels in air have been presented in this table for informational purposes. RSLs should be compared with longer-term average levels in air, rather than daily levels in air, for purposes of assessing risks.

**ISS Suspension 2018 - 2019 - Air Sampling Results**

Quanta Resources Corporation Superfund Site, OU1

Perimeter Location - FD02

Edgewater, New Jersey

	Sample Date	4/4/2019	4/5/2019	4/8/2019	4/9/2019
	Location ID	FD02	FD02	FD02	FD02
	Sample Exposure Time	24	24	24	24
	Average Wind Dir/Speed/Temp	NW/6.5 mph/59°F	E/4.3 mph/42°F	S/3.8 mph/78°F	ESE/4.0 mph/51°F
	Sample Type	Primary	Duplicate	Primary	Primary
Constituent of Concern					
	24-hour exposure				
1,2,4-Trimethylbenzene	62.6	< 1	< 1	< 1	< 1
1,3,5-Trimethylbenzene	62.6	< 1	< 1	< 1	< 1
Benzene	4.68	< 0.6	< 0.6	< 0.6	0.7
Ethylbenzene	14.6	< 0.9	< 0.9	< 0.9	< 0.9
Isopropylbenzene	417	< 1	< 1	< 1	< 1
Naphthalene	3.13	< 1	< 1	< 1	< 1
n-Propylbenzene	1,040	< 1	< 1	< 1	< 1
Toluene	5,210	< 0.8	< 0.8	1	3
Xylenes, Total	104	< 0.9	< 0.9	< 0.9	< 0.9

Notes:

All data shown in micrograms per cubic meter ( $\mu\text{g}/\text{m}^3$ )

n/a = not applicable. Weather data were not collected.

> - below analytical reporting limit (shown).

\*Sample collected on 7/24/2018 not analyzed due to equipment malfunction

\*\* Sample collected ahead of 24-hour sample time and therefore is considered an estimate

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

Property

Levels in air that are shaded are greater than the applicable RSL. The RSL is used principally as a screening value used to guide actions at the site to control emissions and odors. The RSL was calculated using a scenario assuming an individual stands on the site perimeter for 24 hours per day for 2 years.

Daily levels in air have been presented in this table for informational purposes. RSLs should be compared with longer-term average levels in air, rather than daily levels in air, for purposes of assessing risks.