

2017 - Air Sampling Results  
 Quanta Resources Corporation Superfund Site, OU1  
 Edgewater, New Jersey

Analyte	Sample Type	Risk Screening Level	5/22/2017		6/6/2017		6/8/2017		6/13/2017		6/15/2017			6/19/2017		
			Location ID		9301	9304	9302	9304	9302	9304	9302	9304	9301	9303	9302	9304
			Sample Exposure Time		8	8	8	8	8	8	8	8	8	8	8	8
			Average Wind Dir/Speed/Temp		SSE/3.5 mph/58°F		ENE/2.5 mph/57°F		ESE/3.7 mph/67°F		W/5.0 mph/91°F		SE/7.4 mph/73°F			S/5.5 mph/84°F
	Sample Type	Primary	Duplicate	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Duplicate	Primary	Primary		
	Commercial/ Industrial (i.e., 10-hour exposure)	Residential (i.e., 24-hour exposure)														
Total Particulates	N/A	N/A	< 27	NS	< 26	< 49	< 50	< 48	94	< 48	< 52	< 49	< 47	NS	60	100
Arsenic	0.037	TBD	< 0.014	NS	< 0.013	< 0.025	< 0.025	< 0.024	< 0.025	< 0.024	< 0.027	< 0.025	< 0.024	NS	< 0.026	< 0.025
Benzo(a)anthracene	1.43	TBD	< 0.044	< 0.045	< 0.042	< 0.077	< 0.079	< 0.076	< 0.078	< 0.074	< 0.086	< 0.078	< 0.078	< 0.079	< 0.083	< 0.079
Benzo(a)pyrene	0.143	TBD	< 0.044	< 0.045	< 0.042	< 0.077	< 0.079	< 0.076	< 0.078	< 0.074	< 0.086	< 0.078	< 0.078	< 0.079	< 0.083	< 0.079
Benzo(b)fluoranthene	1.43	TBD	< 0.044	< 0.045	< 0.042	< 0.077	< 0.079	< 0.076	< 0.078	< 0.074	< 0.086	< 0.078	< 0.078	< 0.079	< 0.083	< 0.079
Benzo(k)fluoranthene	1.43	TBD	< 0.044	< 0.045	< 0.042	< 0.077	< 0.079	< 0.076	< 0.078	< 0.074	< 0.086	< 0.078	< 0.078	< 0.079	< 0.083	< 0.079
Chrysene	14.3	TBD	< 0.044	< 0.045	< 0.042	< 0.077	< 0.079	< 0.076	< 0.078	< 0.074	< 0.086	< 0.078	< 0.078	< 0.079	< 0.083	< 0.079
Dibenz(a,h)anthracene	0.13	TBD	< 0.044	< 0.045	< 0.042	< 0.077	< 0.079	< 0.076	< 0.078	< 0.074	< 0.086	< 0.078	< 0.078	< 0.079	< 0.083	< 0.079
Indeno(1,2,3-cd)pyrene	1.43	TBD	< 0.044	< 0.045	< 0.042	< 0.077	< 0.079	< 0.076	< 0.078	< 0.074	< 0.086	< 0.078	< 0.078	< 0.079	< 0.083	< 0.079
1,2,4-Trimethylbenzene	23.6	TBD	1	< 1	< 1	< 1	< 1	< 1	< 1	1	< 1	< 4	< 1	< 1	2	1
1,3,5-Trimethylbenzene	23.6	TBD	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 4	< 1	< 1	< 1	< 1
Benzene	20.2	TBD	1	0.7	< 0.6	< 0.6	0.8	2	0.8	0.6	< 0.6	< 3	< 0.6	0.7	1	< 0.6
Ethylbenzene	62.9	TBD	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	0.9	< 0.9	< 0.9	< 3	< 0.9	< 0.9	1	< 0.9
Isopropylbenzene	1350	TBD	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 4	< 1	< 1	< 1	< 1
Naphthalene	4.62	3.13	< 1	2	< 1	< 1	7	3	10	9	3	< 4	4	5	7	3
n-Propylbenzene	3370	TBD	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 4	< 1	< 1	< 1	< 1
Toluene	16800	TBD	3	2	2	1	1	5	3	2	2	6	2	3	2	3
Xylenes, Total	337	TBD	2	1	1	< 0.9	2	2	3	2	1	< 3	2	2	3	2

Notes:

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

\* Associated sample (e.g., alternate sample exposure time or duplicate) not analyzed due to equipment malfunction

> - below analytical reporting limit (shown).

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

Average wind direction/speed/temperature measured at a sensor on the levels in air that are shaded are greater than the applicable RSL. The RSL is used principally as a screening value used to guide actions at the site to control emissions and odors. The RSL was calculated using a scenario assuming an individual stands on the site perimeter for 10 hours per day for 1.5 year.

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

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2017 - Air Sampling Results  
 Quanta Resources Corporation Superfund Site, OU1  
 Edgewater, New Jersey

Analyte	Sample Type	Risk Screening Level	6/21/2017		6/28/2017		7/6/2017		7/7/2017		7/10/2017		7/11/2017		7/18/2017		
			Location ID	9302	9304	9301	9303	9301	9303	9302	9304	9301	9303	9302	9304	FD01	FD06
			Sample Exposure Time	8	8	8	8	8	8	8	8	8	8	8	8	8	8
			Average Wind Dir/Speed/Temp	W/5.1 mph/80°F		WNW/6.2 mph/71°F		SE/5.3 mph/75°F		ENE/3.3 mph/74°F		SSE/5.5 mph/80°F		W/5.0 mph/82°F		SSE/5.6 mph/83°F	
	Sample Type	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Duplicate	Primary	Primary	Primary	
	Commercial/ Industrial (i.e., 10-hour exposure)	Residential (i.e., 24-hour exposure)															
Total Particulates	N/A	N/A	100	< 41	< 52	< 50	< 54	69	< 51	< 49	< 53	< 49	< 52	NS	110	140	< 52
Arsenic	0.037	TBD	< 0.021	< 0.021	< 0.025	< 0.025	< 0.027	< 0.027	< 0.025	< 0.025	< 0.027	< 0.025	< 0.026	NS	< 0.026	< 0.026	< 0.026
Benzo(a)anthracene	1.43	TBD	< 0.068	< 0.065	< 0.081	< 0.08	NS	< 0.084	< 0.08	NS	< 0.084	< 0.079	< 0.083	< 0.083	< 0.086	< 0.083	< 0.083
Benzo(a)pyrene	0.143	TBD	< 0.068	< 0.065	< 0.081	< 0.08	NS	< 0.084	< 0.08	NS	< 0.084	< 0.079	< 0.083	< 0.083	< 0.086	< 0.083	< 0.083
Benzo(b)fluoranthene	1.43	TBD	< 0.068	< 0.065	< 0.081	< 0.08	NS	< 0.084	< 0.08	NS	< 0.084	< 0.079	< 0.083	< 0.083	< 0.086	< 0.083	< 0.083
Benzo(k)fluoranthene	1.43	TBD	< 0.068	< 0.065	< 0.081	< 0.08	NS	< 0.084	< 0.08	NS	< 0.084	< 0.079	< 0.083	< 0.083	< 0.086	< 0.083	< 0.083
Chrysene	14.3	TBD	< 0.068	< 0.065	< 0.081	< 0.08	NS	< 0.084	< 0.08	NS	< 0.084	< 0.079	< 0.083	< 0.083	< 0.086	< 0.083	< 0.083
Dibenz(a,h)anthracene	0.13	TBD	< 0.068	< 0.065	< 0.081	< 0.08	NS	< 0.084	< 0.08	NS	< 0.084	< 0.079	< 0.083	< 0.083	< 0.086	< 0.083	< 0.083
Indeno(1,2,3-cd)pyrene	1.43	TBD	< 0.068	< 0.065	< 0.081	< 0.08	NS	< 0.084	< 0.08	NS	< 0.084	< 0.079	< 0.083	< 0.083	< 0.086	< 0.083	< 0.083
1,2,4-Trimethylbenzene	23.6	TBD	< 1	< 1	< 1	< 1	< 1	1	< 1	2	2	< 1	< 1	< 1	< 1	4	< 1
1,3,5-Trimethylbenzene	23.6	TBD	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	2	< 1
Benzene	20.2	TBD	< 0.6	< 0.6	0.7	0.8	< 0.6	1	0.7	2	2	< 0.6	0.7	1	1	1	< 0.6
Ethylbenzene	62.9	TBD	< 0.9	< 0.9	< 0.9	1	< 0.9	1	< 0.9	3	3	< 0.9	< 0.9	< 0.9	< 0.9	2	< 0.9
Isopropylbenzene	1350	TBD	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Naphthalene	4.62	3.13	4	3	< 1	3	2	4	< 1	2	21	< 1	5	5	4	100	1
n-Propylbenzene	3370	TBD	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	16800	TBD	2	2	2	2	2	3	1	5	2	1	2	3	2	3	1
Xylenes, Total	337	TBD	2	2	1	3	2	4	1	8	10	1	2	2	2	8	1

Notes:

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

\* Associated sample (e.g., alternate sample exposure time or duplicate) not analyzed due to equipment malfunction

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

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

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Analyte	Sample Type	Risk Screening Level	7/19/2017		7/25/2017		7/26/2017			8/1/2017		8/2/2017		8/8/2017		8/11/2017			
			Location ID	FD03	FD08	FD04	FD08	FD04	FD08		FD05	FD08	FD01	FD05	FD01	FD05	FD02	FD05	
			Sample Exposure Time	8		8	8	8	8		8	8	8	8	8	8	8	8	8
			Average Wind Dir/Speed/Temp	W/5.0 mph/87°F		E/2.4 mph/68°F		SE/3.5 mph/75°F			ESE/2.7 mph/84°F		S/3.8 mph/77°F		NE/2.5 mph/73°F		SSE/5.6 mph/78°F		
	Sample Type	Primary	Primary	Primary	Primary	Primary	Primary	Duplicate	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary		
	Commercial/ Industrial (i.e., 10-hour exposure)	Residential (i.e., 24-hour exposure)																	
Total Particulates	N/A	N/A	88	< 52	< 52	< 51	< 52	< 51	NS	< 58	65	87	< 56	< 51	< 51	NS	NS		
Arsenic	0.037	TBD	< 0.026	< 0.026	< 0.026	< 0.026	< 0.026	< 0.026	NS	< 0.026	< 0.026	< 0.026	< 0.026	< 0.026	< 0.026	NS	NS		
Benzo(a)anthracene	1.43	TBD	< 0.085	< 0.083	< 0.084	< 0.083	< 0.082	< 0.083	< 0.083	< 0.083	< 0.083	< 0.082	< 0.082	< 0.086	< 0.086	NS	NS		
Benzo(a)pyrene	0.143	TBD	< 0.085	< 0.083	< 0.084	< 0.083	< 0.082	< 0.083	< 0.083	< 0.083	< 0.083	< 0.082	< 0.082	< 0.086	< 0.086	NS	NS		
Benzo(b)fluoranthene	1.43	TBD	< 0.085	< 0.083	< 0.084	< 0.083	< 0.082	< 0.083	< 0.083	< 0.083	< 0.083	< 0.082	< 0.082	< 0.086	< 0.086	NS	NS		
Benzo(k)fluoranthene	1.43	TBD	< 0.085	< 0.083	< 0.084	< 0.083	< 0.082	< 0.083	< 0.083	< 0.083	< 0.083	< 0.082	< 0.082	< 0.086	< 0.086	NS	NS		
Chrysene	14.3	TBD	< 0.085	< 0.083	< 0.084	< 0.083	< 0.082	< 0.083	< 0.083	< 0.083	< 0.083	< 0.082	< 0.082	< 0.086	< 0.086	NS	NS		
Dibenz(a,h)anthracene	0.13	TBD	< 0.085	< 0.083	< 0.084	< 0.083	< 0.082	< 0.083	< 0.083	< 0.083	< 0.083	< 0.082	< 0.082	< 0.086	< 0.086	NS	NS		
Indeno(1,2,3-cd)pyrene	1.43	TBD	< 0.085	< 0.083	< 0.084	< 0.083	< 0.082	< 0.083	< 0.083	< 0.083	< 0.083	< 0.082	< 0.082	< 0.086	< 0.086	NS	NS		
1,2,4-Trimethylbenzene	23.6	TBD	< 1	< 1	< 1	< 1	< 1	1	1	< 1	4	2	< 1	< 2	1	< 1	< 1		
1,3,5-Trimethylbenzene	23.6	TBD	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	1	< 1	< 1	< 2	< 1	< 1	< 1		
Benzene	20.2	TBD	< 0.6	< 0.6	< 0.6	0.8	< 0.6	2	2	< 0.6	4	2	1	< 0.6	< 1	1	< 0.6		
Ethylbenzene	62.9	TBD	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	1	1	< 0.9	3	2	< 0.9	< 0.9	< 2	< 0.9	1		
Isopropylbenzene	1350	TBD	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 2	< 1	< 1	< 1		
Naphthalene	4.62	3.13	8	< 1	1	6	< 1	14	15	11	73	48	6	9	44	58	8		
n-Propylbenzene	3370	TBD	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 2	< 1	< 1	< 1		
Toluene	16800	TBD	0.9	1	0.9	2	1	3	3	< 0.8	6	4	2	1	2	2	1		
Xylenes, Total	337	TBD	1	< 0.9	< 0.9	2	< 0.9	3	4	1	11	6	4	1	5	3	8		

Notes:

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Average wind direction/speed/temperature measured at a sensor on the levels in air that are shaded are greater than the applicable RSL. The RSL is used principally as a screening value used to guide actions at the site to control emissions and odors. The RSL was calculated using a scenario assuming an individual stands on the site perimeter for 10 hours per day for 1.5 year.

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Analyte	Sample Type	Risk Screening Level	8/15/2017		8/18/2017		8/22/2017		8/23/2017		8/29/2017			8/31/2017		9/7/2017			
			Location ID	FD02	FD05	FD02	FD05	MD03	FD04	FD01	FD05	FD04	FD08		FD04	FD08	FD04	FD08	
			Sample Exposure Time	8		8		8		8		8		8		8		8	
			Average Wind Dir/Speed/Temp	SSE/1.9 mph/74°F		S/3.0 mph/79°F		S/4.8 mph/84°F		NW/6.2 mph/78°F		E/4.3 mph/67°F			WNW/5.7 mph/74°F		WSW/4.9 mph/67°F		
Sample Type	Primary	Duplicate	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Duplicate	Primary	Primary	Primary	Primary			
	Commercial/ Industrial (i.e., 10-hour exposure)	Residential (i.e., 24-hour exposure)																	
Total Particulates	N/A	N/A	< 50	NS	< 50	NS	NS	NS	NS	< 52	< 52	< 49	< 47	NS	NS	NS	< 46	< 42	
Arsenic	0.037	TBD	< 0.025	NS	< 0.025	NS	NS	NS	NS	< 0.026	< 0.026	< 0.025	< 0.024	NS	NS	NS	< 0.023	< 0.022	
Benz(a)anthracene	1.43	TBD	NS	NS	< 0.083	NS	NS	NS	NS	< 0.084	< 0.083	< 0.081	< 0.076	< 0.077	NS	NS	< 0.075	0.176	
Benzo(a)pyrene	0.143	TBD	NS	NS	< 0.083	NS	NS	NS	NS	< 0.084	< 0.083	< 0.081	< 0.076	< 0.077	NS	NS	< 0.075	0.175	
Benzo(b)fluoranthene	1.43	TBD	NS	NS	< 0.083	NS	NS	NS	NS	< 0.084	< 0.083	< 0.081	< 0.076	< 0.077	NS	NS	< 0.075	0.201	
Benzo(k)fluoranthene	1.43	TBD	NS	NS	< 0.083	NS	NS	NS	NS	< 0.084	< 0.083	< 0.081	< 0.076	< 0.077	NS	NS	< 0.075	0.13	
Chrysene	14.3	TBD	NS	NS	< 0.083	NS	NS	NS	NS	< 0.084	< 0.083	< 0.081	< 0.076	< 0.077	NS	NS	< 0.075	0.232	
Dibenz(a,h)anthracene	0.13	TBD	NS	NS	< 0.083	NS	NS	NS	NS	< 0.084	< 0.083	< 0.081	< 0.076	< 0.077	NS	NS	< 0.075	< 0.068	
Indeno(1,2,3-cd)pyrene	1.43	TBD	NS	NS	< 0.083	NS	NS	NS	NS	< 0.084	< 0.083	< 0.081	< 0.076	< 0.077	NS	NS	< 0.075	0.136	
1,2,4-Trimethylbenzene	23.6	TBD	1	3	< 1	< 1	1	< 1	1	< 1	1	< 1	5	NS	1	< 1	< 1	< 1	
1,3,5-Trimethylbenzene	23.6	TBD	< 1	1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	2	NS	< 1	< 1	< 1	< 1	
Benzene	20.2	TBD	2	2	0.8	0.9	1	0.8	0.8	< 0.6	2	< 0.6	5	NS	0.7	< 0.6	1	< 0.6	
Ethylbenzene	62.9	TBD	2	3	1	< 0.9	2	< 0.9	0.9	< 0.9	1	< 0.9	8	NS	0.9	< 0.9	1	< 0.9	
Isopropylbenzene	1350	TBD	< 1	1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	NS	< 1	< 1	< 1	< 1	
Naphthalene	4.62	3.13	6	84	7	14	26	1	84	13	68	10	35	NS	27	3	23	3	
n-Propylbenzene	3370	TBD	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	NS	< 1	< 1	< 1	< 1	
Toluene	16800	TBD	5	5	3	2	2	1	2	1	2	0.9	11	NS	2	0.9	2	1	
Xylenes, Total	337	TBD	7	9	5	3	11	2	3	1	7	1	19	NS	3	< 0.9	3	1	

Notes:

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Analyte	Sample Type	Risk Screening Level	9/9/2017		9/12/2017		9/13/2017		9/15/2017		9/18/2017		9/19/2017			
			Location ID	FD01	FD06	FD01	FD05	FD04	FD08	FD01	FD06	FD01	FD06	FD01	FD06	
			Sample Exposure Time	8	8	8	8	8	8	8	8	8	8	8	8	
			Average Wind Dir/Speed/Temp	N/3.9 mph/65°F		SSE/2.7 mph/72°F		SSW/3.5 mph/73°F		SSE/3.6 mph/75°F		E/3.0 mph/71°F		ENE/3.1 mph/76°F		
	Sample Type	Risk Screening Level	Primary	Primary	Primary	Primary	Primary	Primary	Duplicate	Primary	Primary	Primary	Primary	Duplicate		
			Commercial/ Industrial (i.e., 10-hour exposure)	Residential (i.e., 24-hour exposure)												
Total Particulates	N/A	N/A	NS	NS	< 41	86	NS	NS	NS	NS	NS	NS	NS	NS		
Arsenic	0.037	TBD	NS	NS	< 0.021	< 0.021	NS	NS	NS	NS	NS	NS	NS	NS		
Benzo(a)anthracene	1.43	TBD	NS	NS	< 0.066	< 0.066	NS	NS	NS	NS	NS	NS	NS	NS		
Benzo(a)pyrene	0.143	TBD	NS	NS	< 0.066	< 0.066	NS	NS	NS	NS	NS	NS	NS	NS		
Benzo(b)fluoranthene	1.43	TBD	NS	NS	< 0.066	< 0.066	NS	NS	NS	NS	NS	NS	NS	NS		
Benzo(k)fluoranthene	1.43	TBD	NS	NS	< 0.066	< 0.066	NS	NS	NS	NS	NS	NS	NS	NS		
Chrysene	14.3	TBD	NS	NS	< 0.066	< 0.066	NS	NS	NS	NS	NS	NS	NS	NS		
Dibenz(a,h)anthracene	0.13	TBD	NS	NS	< 0.066	< 0.066	NS	NS	NS	NS	NS	NS	NS	NS		
Indeno(1,2,3-cd)pyrene	1.43	TBD	NS	NS	< 0.066	< 0.066	NS	NS	NS	NS	NS	NS	NS	NS		
1,2,4-Trimethylbenzene	23.6	TBD	< 1	2	7	1	1	9	11	9	15	4	8	< 1	21	17
1,3,5-Trimethylbenzene	23.6	TBD	< 1	< 1	3	< 1	< 1	4	5	4	7	2	4	< 1	11	8
Benzene	20.2	TBD	< 0.6	1	2	0.9	2	4	5	4	5	1	3	< 0.6	21	17
Ethylbenzene	62.9	TBD	< 0.9	2	6	1	1	8	9	7	8	2	5	< 0.9	13	11
Isopropylbenzene	1350	TBD	< 1	< 1	< 1	< 1	< 1	< 1	2	1	3	< 1	< 1	< 1	4	3
Naphthalene	4.62	3.13	7	42	160	24	29	68	280	200	1000	300	150	8	510	440
n-Propylbenzene	3370	TBD	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	16800	TBD	0.9	3	6	2	3	10	11	10	10	3	6	0.9	24	20
Xylenes, Total	337	TBD	1	5	17	4	4	27	26	22	30	8	16	1	52	43

Notes:

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

\* Associated sample (e.g., alternate sample exposure time or duplicate) not analyzed due to equipment malfunction

> - below analytical reporting limit (shown).

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

Average wind direction/speed/temperature measured at a sensor on the levels in air that are shaded are greater than the applicable RSL. The RSL is used principally as a screening value used to guide actions at the site to control emissions and odors. The RSL was calculated using a scenario assuming an individual stands on the site perimeter for 10 hours per day for 1.5 year.

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

NS = not sampled / data not yet available.

2017 - Air Sampling Results  
 Quanta Resources Corporation Superfund Site, OU1  
 Edgewater, New Jersey

Analyte	Sample Type	Risk Screening Level	9/20/2017		9/21/2017		9/22/2017		9/25/2017		9/26/2017		9/27/2017		9/28/2017		9/29/2017			
			Location ID	FD01	FD06	FD01	FD06	FD01	FD06	FD01	FD06	FD01	FD06	FD01	FD06	FD01	FD06	FD01	FD06	
			Sample Exposure Time	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
			Average Wind Dir/Speed/Temp	N/4.3 mph/76°F		N/3.3 mph/77°F		N/4.0 mph/75°F		ESE/1.7 mph/87°F		ESE/1.7 mph/80°F		E/1.9 mph/84°F		NNW/6.3 mph/75°F		WSW/3.6 mph/63°F		
	Sample Type	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Duplicate	Primary	Primary	Primary	Primary	Primary			
		Commercial/ Industrial (i.e., 10-hour exposure)	Residential (i.e., 24-hour exposure)																	
Total Particulates	N/A	N/A	N/A	< 49	< 48	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 51	58	NS	NS	
Arsenic	0.037	TBD	TBD	< 0.024	< 0.024	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 0.025	< 0.025	NS	NS	
Benzo(a)anthracene	1.43	TBD	TBD	< 0.08	< 0.076	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 0.076	< 0.078	NS	NS	
Benzo(a)pyrene	0.143	TBD	TBD	< 0.08	< 0.076	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 0.076	< 0.078	NS	NS	
Benzo(b)fluoranthene	1.43	TBD	TBD	< 0.08	< 0.076	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 0.076	< 0.078	NS	NS	
Benzo(k)fluoranthene	1.43	TBD	TBD	< 0.08	< 0.076	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 0.076	< 0.078	NS	NS	
Chrysene	14.3	TBD	TBD	< 0.08	< 0.076	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 0.076	< 0.078	NS	NS	
Dibenz(a,h)anthracene	0.13	TBD	TBD	< 0.08	< 0.076	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 0.076	< 0.078	NS	NS	
Indeno(1,2,3-cd)pyrene	1.43	TBD	TBD	< 0.08	< 0.076	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 0.076	< 0.078	NS	NS	
1,2,4-Trimethylbenzene	23.6	TBD	TBD	< 1	8	< 1	5	< 1	3	2	9	7	4	3	2	5	< 1	2	3	
1,3,5-Trimethylbenzene	23.6	TBD	TBD	< 1	4	< 1	3	< 1	1	< 1	5	3	2	1	3	< 1	< 1	< 1	2	
Benzene	20.2	TBD	TBD	< 0.6	3	0.7	2	< 0.6	1	1	3	2	2	1	1	2	< 0.6	< 0.6	0.9	
Ethylbenzene	62.9	TBD	TBD	< 0.9	5	< 0.9	3	< 0.9	2	1	3	4	2	1	2	< 0.9	1	1	2	
Isopropylbenzene	1350	TBD	TBD	< 1	2	< 1	1	< 1	< 1	< 1	1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	
Naphthalene	4.62	3.13	3.13	3	210	6	110	1	89	68	190	120	68	63	63	140	4	35	52	
n-Propylbenzene	3370	TBD	TBD	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	
Toluene	16800	TBD	TBD	1	7	1	5	1	2	3	6	6	5	3	3	3	0.9	2	3	
Xylenes, Total	337	TBD	TBD	< 0.9	22	1	14	< 0.9	5	5	16	16	8	5	5	9	< 0.9	4	4	

Notes:

n/a = not applicable. Weather data were not collected April 2, 2018 due to construction activities.  
 \* Associated sample (e.g., alternate sample exposure time or duplicate) not analyzed due to equipment malfunction  
 > - below analytical reporting limit (shown).  
 All data shown in micrograms per cubic meter (µg/m<sup>3</sup>)  
 Average wind direction/speed/temperature measured at a sensor on the  
 Levels in air that are shaded are greater than the applicable RSL. The RSL is used principally as a screening value used to guide actions at the site to control emissions and odors. The RSL was calculated using a scenario assuming an individual stands on the site perimeter for 10 hours per day for 1.5 year.

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

NS = not sampled / data not yet available.

**2017 - Air Sampling Results**  
 Quanta Resources Corporation Superfund Site, OU1  
 Edgewater, New Jersey

Analyte	Sample Type	Risk Screening Level	10/2/2017		10/3/2017		10/4/2017		10/5/2017		10/6/2017		10/9/2017		10/10/2017				
			Location ID	FD01	FD06	FD01	FD06	FD01	FD06	FD01	FD06	FD01	FD06	FD01	FD06	FD01	FD06	FD01	FD06
			Sample Exposure Time	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
			Average Wind Dir/Speed/Temp	E/2.5 mph/66°F		SE/4.0 mph/68°F		SSW/4.0 mph/69°F		SSW/4.2 mph/74°F		W/3.4 mph/76°F		SSE/7.0 mph/74°F		NW/4.2 mph/76°F			
	Sample Type	Risk Screening Level	Primary	Primary	Primary	Primary	Primary	Duplicate	Primary	Primary	Duplicate	Primary	Primary	Primary	Primary	Primary	Primary	Duplicate	
	Commercial/ Industrial (i.e., 10-hour exposure)	Residential (i.e., 24-hour exposure)																	
Total Particulates	N/A	N/A	NS	NS	NS	NS	NS	NS	160	NS	49	NS	NS	NS	NS	NS	NS	NS	
Arsenic	0.037	TBD	NS	NS	NS	NS	NS	NS	< 0.024	NS	< 0.025	NS	NS	NS	NS	NS	NS	NS	
Benzo(a)anthracene	1.43	TBD	NS	NS	NS	NS	NS	NS	< 0.078	< 0.081	< 0.078	NS	NS	NS	NS	NS	NS	NS	
Benzo(a)pyrene	0.143	TBD	NS	NS	NS	NS	NS	NS	< 0.078	< 0.081	< 0.078	NS	NS	NS	NS	NS	NS	NS	
Benzo(b)fluoranthene	1.43	TBD	NS	NS	NS	NS	NS	NS	< 0.078	< 0.081	< 0.078	NS	NS	NS	NS	NS	NS	NS	
Benzo(k)fluoranthene	1.43	TBD	NS	NS	NS	NS	NS	NS	< 0.078	< 0.081	< 0.078	NS	NS	NS	NS	NS	NS	NS	
Chrysene	14.3	TBD	NS	NS	NS	NS	NS	NS	< 0.078	< 0.081	< 0.078	NS	NS	NS	NS	NS	NS	NS	
Dibenz(a,h)anthracene	0.13	TBD	NS	NS	NS	NS	NS	NS	< 0.078	< 0.081	< 0.078	NS	NS	NS	NS	NS	NS	NS	
Indeno(1,2,3-cd)pyrene	1.43	TBD	NS	NS	NS	NS	NS	NS	< 0.078	< 0.081	< 0.078	NS	NS	NS	NS	NS	NS	NS	
1,2,4-Trimethylbenzene	23.6	TBD	2	2	3	3	2	1	< 1	8	NS	< 1	2	1	2	< 1	< 1	< 1	
1,3,5-Trimethylbenzene	23.6	TBD	< 1	1	1	2	< 1	< 1	< 1	3	NS	< 1	< 1	< 1	< 1	< 1	< 1	< 1	
Benzene	20.2	TBD	0.8	1	1	0.8	0.9	1	< 0.6	6	NS	0.7	1	0.9	0.8	< 0.6	< 0.6	< 0.6	
Ethylbenzene	62.9	TBD	1	2	2	2	1	0.9	< 0.9	8	NS	< 0.9	2	1	2	< 0.9	< 0.9	< 0.9	
Isopropylbenzene	1350	TBD	< 1	< 1	< 1	< 1	< 1	< 1	< 1	NS	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	
Naphthalene	4.62	3.13	52	94	89	84	58	40	6	250	NS	15	100	36	100	4	15	21	
n-Propylbenzene	3370	TBD	< 1	< 1	< 1	< 1	< 1	< 1	< 1	NS	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	
Toluene	16800	TBD	2	2	2	2	3	3	2	11	NS	1	2	2	2	1	2	1	
Xylenes, Total	337	TBD	3	5	6	5	4	3	2	22	NS	3	4	4	5	1	2	2	

Notes:

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

\* Associated sample (e.g., alternate sample exposure time or duplicate) not analyzed due to equipment malfunction

> - below analytical reporting limit (shown).

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

Average wind direction/speed/temperature measured at a sensor on the levels in air that are shaded are greater than the applicable RSL. The RSL is used principally as a screening value used to guide actions at the site to control emissions and odors. The RSL was calculated using a scenario assuming an individual stands on the site perimeter for 10 hours per day for 1.5 year.

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

NS = not sampled / data not yet available.

**2017 - Air Sampling Results**  
 Quanta Resources Corporation Superfund Site, OU1  
 Edgewater, New Jersey

Analyte	Sample Type	Risk Screening Level	10/11/2017		10/12/2017		10/13/2017		10/16/2017		10/17/2017		10/18/2017		10/19/2017		10/20/2017		10/23/2017			
			Location ID	FD01	FD06	FD01	FD06	FD01	FD06	FD01	FD06	FD01	FD06	FD01	FD06	FD01	FD06	FD01	FD06	FD01	FD06	
			Sample Exposure Time	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
			Average Wind Dir/Speed/Temp	W/3.4 mph/73°F		E/4.6 mph/60°F		E/2.5 mph/63°F		NW/6.1 mph/57°F		E/3.0 mph/53°F		SSW/3.2 mph/63°F		SSW/3.7 mph/65°F		WNW/5.0 mph/67°F		SE/6.2 mph/69°F		
Sample Type	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Duplicate	Primary	Primary	Primary	Primary	Primary	Primary	Primary			
	Commercial/ Industrial (i.e., 10-hour exposure)	Residential (i.e., 24-hour exposure)																				
Total Particulates	N/A	N/A	NS	NS	< 49	62	NS	NS	NS	NS	NS	NS	NS	NS	NS	110	< 50	NS	NS	NS	NS	
Arsenic	0.037	TBD	NS	NS	< 0.025	< 0.025	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 0.025	< 0.025	NS	NS	NS	NS	
Benzo(a)anthracene	1.43	TBD	NS	NS	< 0.079	< 0.079	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 0.079	< 0.079	NS	NS	NS	NS	
Benzo(a)pyrene	0.143	TBD	NS	NS	< 0.079	< 0.079	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 0.079	< 0.079	NS	NS	NS	NS	
Benzo(b)fluoranthene	1.43	TBD	NS	NS	< 0.079	< 0.079	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 0.079	< 0.079	NS	NS	NS	NS	
Benzo(k)fluoranthene	1.43	TBD	NS	NS	< 0.079	< 0.079	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 0.079	< 0.079	NS	NS	NS	NS	
Chrysene	14.3	TBD	NS	NS	< 0.079	< 0.079	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 0.079	< 0.079	NS	NS	NS	NS	
Dibenz(a,h)anthracene	0.13	TBD	NS	NS	< 0.079	< 0.079	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 0.079	< 0.079	NS	NS	NS	NS	
Indeno(1,2,3-cd)pyrene	1.43	TBD	NS	NS	< 0.079	< 0.079	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 0.079	< 0.079	NS	NS	NS	NS	
1,2,4-Trimethylbenzene	23.6	TBD	1	2	1	11	3	2	< 1	< 1	3	4	3	3	3	5	2	< 1	< 1	6	8	
1,3,5-Trimethylbenzene	23.6	TBD	< 1	< 1	< 1	5	1	< 1	< 1	< 1	1	1	1	1	2	< 1	< 1	< 1	< 1	3	3	
Benzene	20.2	TBD	0.8	1	0.9	23	2	1	< 0.6	< 0.6	0.9	1	1	1	1	1	1	< 0.6	0.7	1	1	
Ethylbenzene	62.9	TBD	1	1	1	13	3	2	< 0.9	< 0.9	2	3	2	2	3	4	2	< 0.9	< 0.9	4	6	
Isopropylbenzene	1350	TBD	< 1	< 1	< 1	3	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	
Naphthalene	4.62	3.13	58	51	18	330	190	52	< 1	6	48	89	58	51	73	110	41	5	< 1	170	130	
n-Propylbenzene	3370	TBD	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	
Toluene	16800	TBD	2	3	2	32	5	3	0.8	0.9	3	4	4	4	5	5	4	1	2	4	6	
Xylenes, Total	337	TBD	4	5	4	41	8	6	< 0.9	1	7	10	7	7	10	12	7	1	2	13	19	

Notes:

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

\* Associated sample (e.g., alternate sample exposure time or duplicate) not analyzed due to equipment malfunction

> - below analytical reporting limit (shown).

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

Average wind direction/speed/temperature measured at a sensor on the levels in air that are shaded are greater than the applicable RSL. The RSL is used principally as a screening value used to guide actions at the site to control emissions and odors. The RSL was calculated using a scenario assuming an individual stands on the site perimeter for 10 hours per day for 1.5 year.

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

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**2017 - Air Sampling Results**  
 Quanta Resources Corporation Superfund Site, OU1  
 Edgewater, New Jersey

Analyte	Sample Type	Risk Screening Level	10/24/2017		10/25/2017		10/26/2017		10/27/2017		10/30/2017		10/31/2017		11/1/2017		11/2/2017			
			Location ID	FD01	FD06	FD01	FD06	FD01	FD06	FD01	FD06	FD01	FD06	FD01	FD06	FD01	FD06	FD01	FD06	
			Sample Exposure Time	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
			Average Wind Dir/Speed/Temp	SSE/12.2 mph/72°F		WNW/2.1 mph/62°F		WNW/3.9 mph/56°F		SSW/3.4 mph/54°F		W/6.8 mph/52°F		WSW/5.3 mph/52°F		NE/2.8 mph/51°F		S/4.1 mph/67°F		
Sample Type	Sample Type	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Duplicate	Primary	Primary	Primary	Primary	Primary	Duplicate	Primary	Primary	Primary		
		Commercial/ Industrial (i.e., 10-hour exposure)	Residential (i.e., 24-hour exposure)																	
Total Particulates	N/A	N/A	NS	NS	NS	NS	< 51	< 49	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Arsenic	0.037	TBD	NS	NS	NS	NS	< 0.026	< 0.025	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Benzo(a)anthracene	1.43	TBD	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 0.084	< 0.082	
Benzo(a)pyrene	0.143	TBD	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 0.084	< 0.082	
Benzo(b)fluoranthene	1.43	TBD	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 0.084	< 0.082	
Benzo(k)fluoranthene	1.43	TBD	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 0.084	< 0.082	
Chrysene	14.3	TBD	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 0.084	< 0.082	
Dibenz(a,h)anthracene	0.13	TBD	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 0.084	< 0.082	
Indeno(1,2,3-cd)pyrene	1.43	TBD	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 0.084	< 0.082	
1,2,4-Trimethylbenzene	23.6	TBD	3	1	< 1	5	< 1	< 1	2	2	5	< 1	< 1	< 1	< 1	< 1	4	1	< 1	
1,3,5-Trimethylbenzene	23.6	TBD	1	< 1	< 1	2	< 1	< 1	< 1	< 1	2	< 1	< 1	< 1	< 1	< 1	2	< 1	< 1	
Benzene	20.2	TBD	0.7	< 0.6	1	8	0.7	< 0.6	2	2	6	< 0.6	< 0.6	0.6	< 0.6	1	1	4	0.7	
Ethylbenzene	62.9	TBD	1	< 0.9	< 0.9	5	< 0.9	< 0.9	1	1	4	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	4	< 0.9	
Isopropylbenzene	1350	TBD	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	1	< 1	< 1	< 1	< 1	< 1	1	< 1	< 1	
Naphthalene	4.62	3.13	89	27	14	110	5	1	36	34	130	< 1	3	< 1	4	3	3	94	30	
n-Propylbenzene	3370	TBD	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	
Toluene	16800	TBD	1	1	3	11	1	2	3	3	8	3	0.8	2	0.9	5	5	9	2	
Xylenes, Total	337	TBD	5	3	3	18	1	0.9	4	4	16	< 0.9	1	1	1	3	3	16	2	

Notes:

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

\* Associated sample (e.g., alternate sample exposure time or duplicate) not analyzed due to equipment malfunction

> - below analytical reporting limit (shown).

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

Average wind direction/speed/temperature measured at a sensor on the levels in air that are shaded are greater than the applicable RSL. The RSL is used principally as a screening value used to guide actions at the site to control emissions and odors. The RSL was calculated using a scenario assuming an individual stands on the site perimeter for 10 hours per day for 1.5 year.

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

NS = not sampled / data not yet available.

2017 - Air Sampling Results  
 Quanta Resources Corporation Superfund Site, OU1  
 Edgewater, New Jersey

Analyte	Sample Type	Risk Screening Level	11/3/2017		11/6/2017		11/7/2017		11/8/2017		11/9/2017		11/13/2017		11/14/2017		11/15/2017		11/16/2017				
			Location ID	FD01	FD06	FD01	FD06	FD01	FD06	FD01	FD06	FD01	FD06	FD01	FD06	FD01	FD06	FD01	FD06	FD01	FD06		
			Sample Exposure Time	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	
			Average Wind Dir/Speed/Temp	SW/3.6 mph/69°F		SSW/3.2 mph/65°F		N/3.1 mph/46°F		NE/2.3 mph/46°F		ESE/2.7 mph/49°F		N/2.3 mph/44°F		N/2.7 mph/42°F		E/2.7 mph/45°F		WSW/4.4 mph/54°F			
Sample Type	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Duplicate	Primary	Primary	Primary	Primary	Primary	Duplicate	Primary	Primary	Primary				
Commercial/ Industrial (i.e., 10-hour exposure)	Residential (i.e., 24-hour exposure)																						
Total Particulates	N/A	N/A	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 51	NS	< 51	NS	NS	NS	NS	NS	NS	< 52	< 52	
Arsenic	0.037	TBD	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 0.026	NS	< 0.025	NS	NS	NS	NS	NS	NS	< 0.026	< 0.026	
Benzo(a)anthracene	1.43	TBD	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 0.082	< 0.082	< 0.081	NS	NS	NS	NS	NS	NS	< 0.083	< 0.084	
Benzo(a)pyrene	0.143	TBD	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 0.082	< 0.082	< 0.081	NS	NS	NS	NS	NS	NS	< 0.083	< 0.084	
Benzo(b)fluoranthene	1.43	TBD	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 0.082	< 0.082	< 0.081	NS	NS	NS	NS	NS	NS	< 0.083	< 0.084	
Benzo(k)fluoranthene	1.43	TBD	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 0.082	< 0.082	< 0.081	NS	NS	NS	NS	NS	NS	< 0.083	< 0.084	
Chrysene	14.3	TBD	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 0.082	< 0.082	< 0.081	NS	NS	NS	NS	NS	NS	< 0.083	< 0.084	
Dibenz(a,h)anthracene	0.13	TBD	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 0.082	< 0.082	< 0.081	NS	NS	NS	NS	NS	NS	< 0.083	< 0.084	
Indeno(1,2,3-cd)pyrene	1.43	TBD	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 0.082	< 0.082	< 0.081	NS	NS	NS	NS	NS	NS	< 0.083	< 0.084	
1,2,4-Trimethylbenzene	23.6	TBD	< 1	2	< 1	< 1	< 1	< 1	< 1	< 1	1	3	NS	4	< 1	< 1	< 1	4	2	1	5	1	< 1
1,3,5-Trimethylbenzene	23.6	TBD	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	2	NS	2	< 1	< 1	< 1	< 1	2	< 1	< 1	2	< 1	< 1
Benzene	20.2	TBD	0.6	1	< 0.6	0.7	< 0.6	0.6	1	1	2	NS	4	2	2	1	4	2	2	2	4	1	0.8
Ethylbenzene	62.9	TBD	< 0.9	1	< 0.9	< 0.9	3	3	< 0.9	1	3	NS	4	0.9	0.9	< 0.9	4	2	2	5	2	< 0.9	< 0.9
Isopropylbenzene	1350	TBD	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	NS	1	< 1	< 1	< 1	1	< 1	< 1	1	< 1	< 1	< 1
Naphthalene	4.62	3.13	14	58	1	< 1	< 1	4	15	18	110	NS	32	2	2	4	73	8	8	43	37	8	
n-Propylbenzene	3370	TBD	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	NS	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	16800	TBD	2	3	4	3	2	2	2	3	3	NS	6	3	3	2	6	4	4	6	2	1	1
Xylenes, Total	337	TBD	2	6	1	1	28	29	3	4	7	NS	13	3	3	2	13	7	7	16	4	1	

Notes:

n/a = not applicable. Weather data were not collected April 2, 2018 due to construction activities.  
 \* Associated sample (e.g., alternate sample exposure time or duplicate) not analyzed due to equipment malfunction  
 > - below analytical reporting limit (shown).  
 All data shown in micrograms per cubic meter (µg/m<sup>3</sup>)  
 Average wind direction/speed/temperature measured at a sensor on the  
 Levels in air that are shaded are greater than the applicable RSL. The RSL is used principally as a screening value used to guide actions at the site to control emissions and odors. The RSL was calculated using a scenario assuming an individual stands on the site perimeter for 10 hours per day for 1.5 year.

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

NS = not sampled / data not yet available.

2017 - Air Sampling Results  
 Quanta Resources Corporation Superfund Site, OU1  
 Edgewater, New Jersey

Analyte	Sample Type	Risk Screening Level	11/17/2017		11/20/2017		11/21/2017		11/22/2017			11/27/2017		11/28/2017		11/29/2017		11/30/2017		12/1/2017			
			Location ID	FD01	FD06	FD01	FD06	FD01	FD06	FD01	FD06	Duplicate	FD01	FD06	FD01	FD06	FD01	FD06	FD01	FD06	FD01	FD06	
			Sample Exposure Time	8	8	8	8	8	8	8	8		8	8	8	8	8	8	8	8	8	8	8
			Average Wind Dir/Speed/Temp	NW/7.7 mph/44°F		W/5.4 mph/42°F		SSW/4.0 mph/50°F		WNW/5.3 mph/50°F			WNW/5.7 mph/47°F		ESE/6.0 mph/46°F		W/5.3 mph/56°F		E/3.2 mph/45°F		NW/4.9 mph/50°F		
Sample Type	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Duplicate	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Duplicate	Primary	Primary	Primary		
	Commercial/ Industrial (i.e., 10-hour exposure)	Residential (i.e., 24-hour exposure)																					
Total Particulates	N/A	N/A	NS	NS	NS	NS	< 50	< 50	NS	NS	NS	NS	NS	< 43	< 43	NS	NS	NS	NS	NS	NS	NS	
Arsenic	0.037	TBD	NS	NS	NS	NS	< 0.025	< 0.025	NS	NS	NS	NS	NS	< 0.022	< 0.022	NS	NS	NS	NS	NS	NS	NS	
Benz(a)anthracene	1.43	TBD	NS	NS	NS	NS	< 0.08	< 0.078	NS	NS	NS	NS	NS	< 0.068	< 0.07	NS	NS	NS	NS	NS	NS	NS	
Benzo(a)pyrene	0.143	TBD	NS	NS	NS	NS	< 0.08	< 0.078	NS	NS	NS	NS	NS	< 0.068	< 0.07	NS	NS	NS	NS	NS	NS	NS	
Benzo(b)fluoranthene	1.43	TBD	NS	NS	NS	NS	< 0.08	< 0.078	NS	NS	NS	NS	NS	< 0.068	< 0.07	NS	NS	NS	NS	NS	NS	NS	
Benzo(k)fluoranthene	1.43	TBD	NS	NS	NS	NS	< 0.08	< 0.078	NS	NS	NS	NS	NS	< 0.068	< 0.07	NS	NS	NS	NS	NS	NS	NS	
Chrysene	14.3	TBD	NS	NS	NS	NS	< 0.08	< 0.078	NS	NS	NS	NS	NS	< 0.068	< 0.07	NS	NS	NS	NS	NS	NS	NS	
Dibenz(a,h)anthracene	0.13	TBD	NS	NS	NS	NS	< 0.08	< 0.078	NS	NS	NS	NS	NS	< 0.068	< 0.07	NS	NS	NS	NS	NS	NS	NS	
Indeno(1,2,3-cd)pyrene	1.43	TBD	NS	NS	NS	NS	< 0.08	< 0.078	NS	NS	NS	NS	NS	< 0.068	< 0.07	NS	NS	NS	NS	NS	NS	NS	
1,2,4-Trimethylbenzene	23.6	TBD	< 1	< 1	< 1	< 1	2	< 1	< 1	< 1	< 1	< 1	1	3	2	< 1	< 1	1	< 1	5	< 1	< 1	
1,3,5-Trimethylbenzene	23.6	TBD	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	1	< 1	< 1	< 1	< 1	< 1	< 1	2	< 1	< 1	
Benzene	20.2	TBD	< 0.6	0.7	0.7	0.7	1	1	2	1	2	< 0.6	2	2	1	2	1	1	1	5	0.8	3	
Ethylbenzene	62.9	TBD	< 0.9	< 0.9	< 0.9	< 0.9	2	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	2	3	1	< 0.9	< 0.9	1	1	7	< 0.9	< 0.9	
Isopropylbenzene	1350	TBD	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	1	< 1	< 1	
Naphthalene	4.62	3.13	< 1	3	< 1	< 1	44	23	6	5	5	< 1	10	63	51	17	17	30	10	140	2	13	
n-Propylbenzene	3370	TBD	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	
Toluene	16800	TBD	< 0.8	1	1	1	2	2	5	5	5	1	4	3	2	2	2	2	2	7	1	3	
Xylenes, Total	337	TBD	< 0.9	1	< 0.9	< 0.9	5	3	3	3	3	0.9	4	7	4	2	2	3	3	17	0.9	2	

Notes:

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

\* Associated sample (e.g., alternate sample exposure time or duplicate) not analyzed due to equipment malfunction

> - below analytical reporting limit (shown).

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

Average wind direction/speed/temperature measured at a sensor on the levels in air that are shaded are greater than the applicable RSL. The RSL is used principally as a screening value used to guide actions at the site to control emissions and odors. The RSL was calculated using a scenario assuming an individual stands on the site perimeter for 10 hours per day for 1.5 year.

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

NS = not sampled / data not yet available.

2017 - Air Sampling Results  
 Quanta Resources Corporation Superfund Site, OU1  
 Edgewater, New Jersey

Analyte	Sample Type	Risk Screening Level	12/4/2017		12/5/2017		12/6/2017			12/7/2017		12/8/2017		12/11/2017		12/12/2017			12/13/2017			12/14/2017		
			Location ID	FD01	FD06	FD01	FD06	FD01	FD06	FD01	FD06	FD01	FD06	FD01	FD06	FD01	FD06	FD01	FD06	FD01	FD06	FD01	FD06	
			Sample Exposure Time	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
			Average Wind Dir/Speed/Temp	SSE/4.1 mph/45°F		SSE/7.2 mph/58°F		WSW/5.4 mph/44°F			WSW/4.1 mph/45°F		W/3.5 mph/36°F		WSW/3.8 mph/38°F		SW/5.6 mph/47°F			WNW/9.1 mph/26°F			NW/5.7 mph/29°F	
Sample Type	Sample Type	Sample Type	Primary	Primary	Primary	Primary	Primary	Primary	Duplicate	Primary	Primary	Primary	Primary	Primary	Primary	Duplicate	Primary	Primary	Duplicate	Primary	Primary			
	Commercial/ Industrial (i.e., 10-hour exposure)	Residential (i.e., 24-hour exposure)																						
Total Particulates	N/A	N/A	NS	NS	64	< 43	NS	NS	NS	NS	NS	NS	NS	NS	NS	57	< 45	NS	NS	NS	NS	NS		
Arsenic	0.037	TBD	NS	NS	< 0.022	< 0.022	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 0.023	< 0.022	NS	NS	NS	NS	NS		
Benzo(a)anthracene	1.43	TBD	NS	NS	< 0.07	< 0.069	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 0.074	< 0.072	< 0.072	NS	NS	NS	NS		
Benzo(a)pyrene	0.143	TBD	NS	NS	< 0.07	< 0.069	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 0.074	< 0.072	< 0.072	NS	NS	NS	NS		
Benzo(b)fluoranthene	1.43	TBD	NS	NS	< 0.07	< 0.069	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 0.074	< 0.072	< 0.072	NS	NS	NS	NS		
Benzo(k)fluoranthene	1.43	TBD	NS	NS	< 0.07	< 0.069	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 0.074	< 0.072	< 0.072	NS	NS	NS	NS		
Chrysene	14.3	TBD	NS	NS	< 0.07	< 0.069	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 0.074	< 0.072	< 0.072	NS	NS	NS	NS		
Dibenz(a,h)anthracene	0.13	TBD	NS	NS	< 0.07	< 0.069	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 0.074	< 0.072	< 0.072	NS	NS	NS	NS		
Indeno(1,2,3-cd)pyrene	1.43	TBD	NS	NS	< 0.07	< 0.069	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 0.074	< 0.072	< 0.072	NS	NS	NS	NS		
1,2,4-Trimethylbenzene	23.6	TBD	1	1	26	1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	1	< 1	1	5	NS	< 1	< 1	< 1	< 1		
1,3,5-Trimethylbenzene	23.6	TBD	< 1	< 1	12	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	2	NS	< 1	< 1	< 1	< 1		
Benzene	20.2	TBD	2	2	17	0.7	0.7	1	1	0.9	1	0.7	3	0.9	2	1	12	NS	1	3	3	1		
Ethylbenzene	62.9	TBD	1	1	29	< 0.9	< 0.9	1	1	< 0.9	< 0.9	1	< 0.9	0.9	< 0.9	5	NS	< 0.9	1	1	< 0.9	1		
Isopropylbenzene	1350	TBD	< 1	< 1	2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	NS	< 1	< 1	< 1	< 1	< 1		
Naphthalene	4.62	3.13	6	6	180	23	< 1	3	3	8	6	3	14	3	18	28	68	NS	6	12	12	2		
n-Propylbenzene	3370	TBD	< 1	< 1	1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	NS	< 1	< 1	< 1	< 1		
Toluene	16800	TBD	6	6	32	2	1	1	1	1	1	2	3	1	2	2	12	NS	1	3	3	2		
Xylenes, Total	337	TBD	4	4	87	3	1	2	3	2	2	1	4	1	3	3	16	NS	1	3	3	1		

Notes:

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

\* Associated sample (e.g., alternate sample exposure time or duplicate) not analyzed due to equipment malfunction

> - below analytical reporting limit (shown).

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

Average wind direction/speed/temperature measured at a sensor on the levels in air that are shaded are greater than the applicable RSL. The RSL is used principally as a screening value used to guide actions at the site to control emissions and odors. The RSL was calculated using a scenario assuming an individual stands on the site perimeter for 10 hours per day for 1.5 year.

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

NS = not sampled / data not yet available.

**2017 - Air Sampling Results**  
 Quanta Resources Corporation Superfund Site, OU1  
 Edgewater, New Jersey

Analyte	Sample Type	Risk Screening Level	Sample Date																						
			12/15/2017			12/18/2017			12/19/2017			12/20/2017			12/21/2017			12/22/2017			12/26/2017			12/27/2017	
			Location ID	Sample Exposure Time	Average Wind Dir/Speed/Temp	FD01	FD06	Duplicate	FD01	FD06	Duplicate	FD01	FD06	Duplicate	FD01	FD06	Duplicate	FD01	FD06	Duplicate	FD01	FD06	Duplicate	FD01	FD06
			8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
			WNW/2.6 mph/24°F			ENE/2.0 mph/41°F			SW/4.6 mph/51°F			NW/6.9 mph/43°F			NW/3.4 mph/37°F			ENE/2.8 mph/40°F			W/6.3 mph/26°F			WNW/5.9 mph/22°F	
			Primary	Primary	Duplicate	Primary	Primary	Duplicate	Primary	Primary	Duplicate	Primary	Primary	Duplicate	Primary	Primary	Duplicate	Primary	Primary	Duplicate	Primary	Primary	Primary	Primary	
			Commercial/ Industrial (i.e., 10-hour exposure)	Residential (i.e., 24-hour exposure)																					
Total Particulates	N/A	N/A	NS	NS	NS	NS	NS	62	< 51	NS	NS	NS	NS	NS	NS	NS	< 51	< 51	NS	NS					
Arsenic	0.037	TBD	NS	NS	NS	NS	NS	< 0.026	< 0.026	NS	NS	NS	NS	NS	NS	NS	< 0.025	< 0.026	NS	NS					
Benzo(a)anthracene	1.43	TBD	NS	NS	NS	NS	NS	< 0.082	< 0.081	NS	NS	NS	NS	NS	NS	NS	< 0.081	< 0.082	NS	NS					
Benzo(a)pyrene	0.143	TBD	NS	NS	NS	NS	NS	< 0.082	< 0.081	NS	NS	NS	NS	NS	NS	NS	< 0.081	< 0.082	NS	NS					
Benzo(b)fluoranthene	1.43	TBD	NS	NS	NS	NS	NS	< 0.082	< 0.081	NS	NS	NS	NS	NS	NS	NS	< 0.081	< 0.082	NS	NS					
Benzo(k)fluoranthene	1.43	TBD	NS	NS	NS	NS	NS	< 0.082	< 0.081	NS	NS	NS	NS	NS	NS	NS	< 0.081	< 0.082	NS	NS					
Chrysene	14.3	TBD	NS	NS	NS	NS	NS	< 0.082	< 0.081	NS	NS	NS	NS	NS	NS	NS	< 0.081	< 0.082	NS	NS					
Dibenz(a,h)anthracene	0.13	TBD	NS	NS	NS	NS	NS	< 0.082	< 0.081	NS	NS	NS	NS	NS	NS	NS	< 0.081	< 0.082	NS	NS					
Indeno(1,2,3-cd)pyrene	1.43	TBD	NS	NS	NS	NS	NS	< 0.082	< 0.081	NS	NS	NS	NS	NS	NS	NS	< 0.081	< 0.082	NS	NS					
1,2,4-Trimethylbenzene	23.6	TBD	< 1	1	2	< 1	< 1	< 1	< 1	< 1	2	2	< 1	3	5	5	1	< 1	< 1	< 1	< 1	< 1			
1,3,5-Trimethylbenzene	23.6	TBD	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	1	2	2	< 1	< 1	< 1	< 1	< 1	< 1			
Benzene	20.2	TBD	2	3	4	2	2	< 0.6	1	< 0.6	4	4	1	4	5	2	1	0.7	1	1	1	1			
Ethylbenzene	62.9	TBD	1	2	3	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	2	2	< 0.9	3	4	3	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9			
Isopropylbenzene	1350	TBD	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1			
Naphthalene	4.62	3.13	14	12	35	8	18	5	29	< 1	25	19	3	28	100	160	16	6	4	4	4	4			
n-Propylbenzene	3370	TBD	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1			
Toluene	16800	TBD	3	5	5	2	2	2	1	0.9	6	5	2	5	9	6	2	1	2	2	2	2			
Xylenes, Total	337	TBD	3	6	7	2	2	< 0.9	2	< 0.9	7	7	2	10	14	11	3	1	1	1	1	1			

Notes:

n/a = not applicable. Weather data were not collected April 2, 2018 due to construction activities.  
 \* Associated sample (e.g., alternate sample exposure time or duplicate) not analyzed due to equipment malfunction  
 > - below analytical reporting limit (shown).  
 All data shown in micrograms per cubic meter (µg/m<sup>3</sup>)  
 Average wind direction/speed/temperature measured at a sensor on the  
 Levels in air that are shaded are greater than the applicable RSL. The RSL is used principally as a screening value used to guide actions at the site to control emissions and odors. The RSL was calculated using a scenario assuming an individual stands on the site perimeter for 10 hours per day for 1.5 year.

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

NS = not sampled / data not yet available.

2017 - Air Sampling Results

Quanta Resources Corporation Superfund Site, OU1  
Edgewater, New Jersey

Analyte	Sample Type	Risk Screening Level	Sample Date			12/28/2017		12/29/2017	
			Location ID	FD01	FD06	FD01	FD06		
			Sample Exposure Time	8	8	8	8		
			Average Wind Dir/Speed/Temp	NW/8.1 mph/16°F			WNW/5.8 mph/17°F		
	Sample Type	Risk Screening Level	Primary	Primary	Duplicate	Primary	Primary		
	Commercial/ Industrial (i.e., 10-hour exposure)	Residential (i.e., 24-hour exposure)							
Total Particulates	N/A	N/A	NS	NS	NS	NS	NS		
Arsenic	0.037	TBD	NS	NS	NS	NS	NS		
Benzo(a)anthracene	1.43	TBD	NS	NS	NS	NS	NS		
Benzo(a)pyrene	0.143	TBD	NS	NS	NS	NS	NS		
Benzo(b)fluoranthene	1.43	TBD	NS	NS	NS	NS	NS		
Benzo(k)fluoranthene	1.43	TBD	NS	NS	NS	NS	NS		
Chrysene	14.3	TBD	NS	NS	NS	NS	NS		
Dibenz(a,h)anthracene	0.13	TBD	NS	NS	NS	NS	NS		
Indeno(1,2,3-cd)pyrene	1.43	TBD	NS	NS	NS	NS	NS		
1,2,4-Trimethylbenzene	23.6	TBD	< 1	< 1	< 1	1	< 1		
1,3,5-Trimethylbenzene	23.6	TBD	< 1	< 1	< 1	< 1	< 1		
Benzene	20.2	TBD	2	1	0.9	1	0.7		
Ethylbenzene	62.9	TBD	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9		
Isopropylbenzene	1350	TBD	< 1	< 1	< 1	< 1	< 1		
Naphthalene	4.62	3.13	3	5	5	12	6		
n-Propylbenzene	3370	TBD	< 1	< 1	< 1	< 1	< 1		
Toluene	16800	TBD	1	1	1	2	1		
Xylenes, Total	337	TBD	1	2	1	2	1		

Notes:

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

\* Associated sample (e.g., alternate sample exposure time or duplicate) not analyzed due to equipment malfunction

> - below analytical reporting limit (shown).

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

Average wind direction/speed/temperature measured at a sensor on the Levels in air that are shaded are greater than the applicable RSL. The RSL is used principally as a screening value used to guide actions at the site to control emissions and odors. The RSL was calculated using a scenario assuming an individual stands on the site perimeter for 10 hours per day for 1.5 year.

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NS = not sampled / data not yet available.

2018, Quarter 1 - Air Sampling Results  
 Quanta Resources Corporation Superfund Site, OU1  
 Edgewater, New Jersey

Analyte	Sample Type	Risk Screening Level	1/2/2018		1/3/2018			1/8/2018		1/9/2018		1/10/2018		1/11/2018	
			Location ID	FD01	FD06	FD01	FD06	FD01	FD06	FD01	FD06	FD01	FD06	FD01	FD06
			Sample Exposure Time	8	8	8	8	8	8	8	8	8	8	8	8
			Average Wind Dir/Speed/Temp	W/5.2 mph/20°F		SW/2.2 mph/24°F			SSW/3.4 mph/25°F		WNW/5.7 mph/38°F		SSE/2.2 mph/35°F		ESE/0.6 mph/41°F
Sample Type	Sample Type	Primary	Primary	Primary	Primary	Duplicate	Primary	Primary	Primary	Primary	Duplicate	Primary	Primary	Primary	
Commercial/ Industrial (i.e., 10-hour exposure)	Residential (i.e., 24-hour exposure)														
Total Particulates	N/A	N/A	< 51	< 51	NS	NS	NS	NS	NS	< 52	< 51	NS	NS	NS	NS
Arsenic	0.037	TBD	< 0.026	< 0.026	NS	NS	NS	NS	NS	< 0.026	< 0.026	NS	NS	NS	NS
Benz(a)anthracene	1.43	TBD	< 0.081	< 0.082	NS	NS	NS	NS	NS	< 0.083	< 0.083	NS	NS	NS	NS
Benzo(a)pyrene	0.143	TBD	< 0.081	< 0.082	NS	NS	NS	NS	NS	< 0.083	< 0.083	NS	NS	NS	NS
Benzo(b)fluoranthene	1.43	TBD	< 0.081	< 0.082	NS	NS	NS	NS	NS	< 0.083	< 0.083	NS	NS	NS	NS
Benzo(k)fluoranthene	1.43	TBD	< 0.081	< 0.082	NS	NS	NS	NS	NS	< 0.083	< 0.083	NS	NS	NS	NS
Chrysene	14.3	TBD	< 0.081	< 0.082	NS	NS	NS	NS	NS	< 0.083	< 0.083	NS	NS	NS	NS
Dibenz(a,h)anthracene	0.13	TBD	< 0.081	< 0.082	NS	NS	NS	NS	NS	< 0.083	< 0.083	NS	NS	NS	NS
Indeno(1,2,3-cd)pyrene	1.43	TBD	< 0.081	< 0.082	NS	NS	NS	NS	NS	< 0.083	< 0.083	NS	NS	NS	NS
1,2,4-Trimethylbenzene	23.6	TBD	< 1	1	< 1	< 1	< 1	< 1	< 1	< 1	1	2	2	< 1	2
1,3,5-Trimethylbenzene	23.6	TBD	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Benzene	20.2	TBD	2	2	2	2	2	1	0.9	0.9	2	3	2	0.9	3
Ethylbenzene	62.9	TBD	< 0.9	1	0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	2	3	2	< 0.9	2
Isopropylbenzene	1350	TBD	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Naphthalene	4.62	3.13	2	7	7	6	5	8	4	12	19	26	37	19	32
n-Propylbenzene	3370	TBD	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	16800	TBD	2	3	4	2	3	2	1	2	3	4	4	1	7
Xylenes, Total	337	TBD	2	4	3	3	3	2	1	2	5	7	7	2	6

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

\* Associated sample (e.g., alternate sample exposure time or duplicate) not analyzed due to equipment malfunction  
 \*\*Sample collection completed fast; additional canisters deployed to complete the planned exposure time.

> - below analytical reporting limit (shown).  
 All data shown in micrograms per cubic meter (µg/m3)  
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Daily levels in air have been presented in this table for informational purposes. RSLs should be compared with longer-term average levels in air, rather than daily levels in air, for purposes of assessing risks.

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2018, Quarter 1 - Air Sampling Results  
 Quanta Resources Corporation Superfund Site, OU1  
 Edgewater, New Jersey

Analyte	Sample Type	1/12/2018		1/15/2018		1/16/2018		1/17/2018		1/18/2018		1/19/2018		1/22/2018		1/23/2018		1/24/2018				
		Location ID	FD01	FD06	FD01	FD06	FD01	FD06	FD01	FD06	FD01	FD06	FD01	FD06	FD01	FD06	FD01	FD06	FD01	FD06	Duplicate	
		Sample Exposure Time	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	
		Average Wind Dir/Speed/Temp	SSE/6.7 mph/59°F		E/3.8 mph/26°F		E/1.6 mph/33°F		NW/4.8 mph/32°F		WNNW/7.0 mph/27°F		SW/3.0 mph/31°F		E/2.2 mph/44°F		S/3.4 mph/52°F		NW/8.5 mph/40°F			
Risk Screening Level	Commercial/ Industrial (i.e., 10-hour exposure)	Residential (i.e., 24-hour exposure)	Primary	Primary	Primary	Primary	Duplicate	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Duplicate		
Total Particulates	N/A	N/A	NS	NS	NS	NS	< 47	NS	< 47	NS	NS	NS	NS	NS	NS	NS	NS	< 43	< 43	NS	NS	NS
Arsenic	0.037	TBD	NS	NS	NS	NS	< 0.024	NS	< 0.024	NS	NS	NS	NS	NS	NS	NS	NS	< 0.022	< 0.022	NS	NS	NS
Benz(a)anthracene	1.43	TBD	NS	NS	NS	NS	< 0.075	< 0.075	< 0.075	NS	NS	NS	NS	NS	NS	NS	NS	< 0.068	< 0.069	NS	NS	NS
Benzo(a)pyrene	0.143	TBD	NS	NS	NS	NS	< 0.075	< 0.075	< 0.075	NS	NS	NS	NS	NS	NS	NS	NS	< 0.068	< 0.069	NS	NS	NS
Benzo(b)fluoranthene	1.43	TBD	NS	NS	NS	NS	< 0.075	< 0.075	< 0.075	NS	NS	NS	NS	NS	NS	NS	NS	< 0.068	< 0.069	NS	NS	NS
Benzo(k)fluoranthene	1.43	TBD	NS	NS	NS	NS	< 0.075	< 0.075	< 0.075	NS	NS	NS	NS	NS	NS	NS	NS	< 0.068	< 0.069	NS	NS	NS
Chrysene	14.3	TBD	NS	NS	NS	NS	< 0.075	< 0.075	< 0.075	NS	NS	NS	NS	NS	NS	NS	NS	< 0.068	< 0.069	NS	NS	NS
Dibenz(a,h)anthracene	0.13	TBD	NS	NS	NS	NS	< 0.075	< 0.075	< 0.075	NS	NS	NS	NS	NS	NS	NS	NS	< 0.068	< 0.069	NS	NS	NS
Indeno(1,2,3-cd)pyrene	1.43	TBD	NS	NS	NS	NS	< 0.075	< 0.075	< 0.075	NS	NS	NS	NS	NS	NS	NS	NS	< 0.068	< 0.069	NS	NS	NS
1,2,4-Trimethylbenzene	23.6	TBD	< 1	6	< 1	< 1	< 1	NS	1	< 1	2	< 1	2	2	< 1	< 1	1	3	2	< 1	3	3
1,3,5-Trimethylbenzene	23.6	TBD	< 1	3	< 1	< 1	< 1	NS	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	1	< 1	< 1	< 1	1	1
Benzene	20.2	TBD	< 0.6	8	1	0.7	2	NS	2	1	4	0.9	3	2	2	3	3	4	2	1	3	3
Ethylbenzene	62.9	TBD	< 0.9	7	< 0.9	< 0.9	< 0.9	NS	0.9	< 0.9	3	< 0.9	2	2	1	1	1	3	2	< 0.9	3	3
Isopropylbenzene	1350	TBD	< 1	1	< 1	< 1	< 1	NS	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Naphthalene	4.62	3.13	14	140	18	16	2	NS	47	2	22	< 1	21	5	9	4	37	58	79	5	42	47
n-Propylbenzene	3370	TBD	< 1	< 1	< 1	< 1	< 1	NS	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	16800	TBD	0.8	11	2	0.9	2	NS	2	2	2	6	1	4	5	4	6	4	6	4	3	5
Xylenes, Total	337	TBD	1	19	2	1	2	NS	3	2	7	1	6	6	3	4	4	10	7	3	9	9

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2018, Quarter 1 - Air Sampling Results  
 Quanta Resources Corporation Superfund Site, OU1  
 Edgewater, New Jersey

Analyte	Sample Type	1/26/2018		1/29/2018		1/30/2018		1/31/2018		2/1/2018		2/2/2018		2/5/2018		2/6/2018		2/7/2018			
		Location ID	FD01	FD06	FD01	FD06	FD01	FD06	FD01	FD06	FD01	FD06	FD01	FD06	FD01	FD06	FD01	FD06	FD01	FD06	
		Sample Exposure Time	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
		Average Wind Dir/Speed/Temp	SSE/2.5 mph/33°F		E/4.3 mph/41°F		NNW/4.1 mph/33°F		WSW/4.9 mph/25°F		SSW/2.8 mph/39°F		NW/9.7 mph/27°F		NW/9.1 mph/34°F		SW/3.0 mph/33°F		E/4.1 mph/34°F		
Risk Screening Level	Commercial/ Industrial (i.e., 10-hour exposure)	Residential (i.e., 24-hour exposure)	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Duplicate	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary		
Total Particulates	N/A	N/A	NS	NS	NS	NS	< 45	< 45	NS	NS	NS	NS	NS	NS	NS	NS	78	69	NS	NS	
Arsenic	0.037	TBD	NS	NS	NS	NS	< 0.023	< 0.022	NS	NS	NS	NS	NS	NS	NS	NS	< 0.021	< 0.021	NS	NS	
Benzo(a)anthracene	1.43	TBD	NS	NS	NS	NS	< 0.072	< 0.075	NS	NS	NS	NS	NS	NS	NS	NS	< 0.068	< 0.066	NS	NS	
Benzo(a)pyrene	0.143	TBD	NS	NS	NS	NS	< 0.072	< 0.075	NS	NS	NS	NS	NS	NS	NS	NS	< 0.068	< 0.066	NS	NS	
Benzo(b)fluoranthene	1.43	TBD	NS	NS	NS	NS	< 0.072	< 0.075	NS	NS	NS	NS	NS	NS	NS	NS	< 0.068	< 0.066	NS	NS	
Benzo(k)fluoranthene	1.43	TBD	NS	NS	NS	NS	< 0.072	< 0.075	NS	NS	NS	NS	NS	NS	NS	NS	< 0.068	< 0.066	NS	NS	
Chrysene	14.3	TBD	NS	NS	NS	NS	< 0.072	< 0.075	NS	NS	NS	NS	NS	NS	NS	NS	< 0.068	< 0.066	NS	NS	
Dibenz(a,h)anthracene	0.13	TBD	NS	NS	NS	NS	< 0.072	< 0.075	NS	NS	NS	NS	NS	NS	NS	NS	< 0.068	< 0.066	NS	NS	
Indeno(1,2,3-cd)pyrene	1.43	TBD	NS	NS	NS	NS	< 0.072	< 0.075	NS	NS	NS	NS	NS	NS	NS	NS	< 0.068	< 0.066	NS	NS	
1,2,4-Trimethylbenzene	23.6	TBD	< 1	2	2	2	6	2	11	< 1	1	< 1	< 1	< 1	1	< 1	5	< 1	2	2	
1,3,5-Trimethylbenzene	23.6	TBD	< 1	< 1	< 1	< 1	2	< 1	4	< 1	< 1	< 1	< 1	< 1	< 1	< 1	2	< 1	< 1	< 1	
Benzene	20.2	TBD	2	1	4	1	17	3	7	1	1	0.8	0.8	1	1	4	8	0.9	9	1	
Ethylbenzene	62.9	TBD	< 0.9	1	2	1	7	1	9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	1	5	< 0.9	4	1	
Isopropylbenzene	1350	TBD	< 1	< 1	< 1	< 1	< 1	< 1	1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	
Naphthalene	4.62	3.13	3	58	30	49	89	42	260	30	26	19	2	2	25	8	31	73	8	21	27
n-Propylbenzene	3370	TBD	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	16800	TBD	2	3	6	2	17	4	14	2	2	1	3	2	2	4	11	1	9	2	
Xylenes, Total	337	TBD	2	5	8	4	20	4	28	3	3	2	1	2	2	4	16	1	10	4	

Notes:  
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2018, Quarter 1 - Air Sampling Results  
 Quanta Resources Corporation Superfund Site, OU1  
 Edgewater, New Jersey

Analyte	Sample Type	Risk Screening Level	Sample Date																				
			2/8/2018			2/9/2018			2/12/2018		2/13/2018		2/14/2018		2/15/2018		2/16/2018		2/19/2018		2/20/2018		
			Location ID	FD01	FD06	FD01	FD06	FD01	FD06	FD01	FD06	FD01	FD06	FD01	FD06	FD01	FD06	FD01	FD06	FD01	FD06	FD01	FD06
			Sample Exposure Time	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
Average Wind Dir/Speed/Temp	NW/5.5 mph/29°F			SSW/3.2 mph/29°F			NW/6.5 mph/43°F		ESE/3.0 mph/33°F		SSW/3.4 mph/45°F		S/3.0 mph/52°F		W/3.8 mph/52°F		S/2.9 mph/44°F		SSW/3.3 mph/59°F				
Sample Type	Sample Type	Sample Type	Primary	Primary	Duplicate	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Duplicate	Primary	Primary	Primary	Primary	Primary	Primary		
Commercial/ Industrial (i.e., 10-hour exposure)	Residential (i.e., 24-hour exposure)																						
Total Particulates	N/A	N/A	NS	NS	NS	NS	NS	<42	<41	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	<39	<39	
Arsenic	0.037	TBD	NS	NS	NS	NS	NS	<0.021	<0.021	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	<0.02	<0.02	
Benz(a)anthracene	1.43	TBD	NS	NS	NS	NS	NS	<0.068	<0.066	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	<0.063	<0.063	
Benzo(a)pyrene	0.143	TBD	NS	NS	NS	NS	NS	<0.068	<0.066	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	<0.063	<0.063	
Benzo(b)fluoranthene	1.43	TBD	NS	NS	NS	NS	NS	<0.068	<0.066	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	<0.063	<0.063	
Benzo(k)fluoranthene	1.43	TBD	NS	NS	NS	NS	NS	<0.068	<0.066	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	<0.063	<0.063	
Chrysene	14.3	TBD	NS	NS	NS	NS	NS	<0.068	<0.066	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	<0.063	<0.063	
Dibenz(a,h)anthracene	0.13	TBD	NS	NS	NS	NS	NS	<0.068	<0.066	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	<0.063	<0.063	
Indeno(1,2,3-cd)pyrene	1.43	TBD	NS	NS	NS	NS	NS	<0.068	<0.066	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	<0.063	<0.063	
1,2,4-Trimethylbenzene	23.6	TBD	<1	<1	<1	6	<1	NS	<1	20	2	14	<1	12	<1	9	<1	<1	<1	<1	3	1	
1,3,5-Trimethylbenzene	23.6	TBD	<1	<1	<1	2	<1	NS	<1	7	1	5	<1	4	<1	3	<1	<1	<1	<1	<1	<1	
Benzene	20.2	TBD	0.9	2	2	12	0.9	NS	1	42	1	35	0.8	24	1	1	21	1	0.7	0.7	4	2	
Ethylbenzene	62.9	TBD	<0.9	<0.9	1	9	<0.9	NS	<0.9	23	1	16	<0.9	13	<0.9	<0.9	12	<1	<0.9	<0.9	2	1	
Isopropylbenzene	1350	TBD	<1	<1	<1	3	<1	NS	<1	2	<1	3	<1	3	<1	<1	2	<1	<1	<1	<1	<1	
Naphthalene	4.62	3.13	5	<1	12	47	8	NS	8	260	89	290	20	280	23	19	190	49	13	14	73	25	
n-Propylbenzene	3370	TBD	<1	<1	<1	<1	<1	NS	<1	1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	
Toluene	16800	TBD	1	2	2	13	1	NS	2	64	2	35	1	27	2	2	20	2	1	1	5	5	
Xylenes, Total	337	TBD	1	1	3	21	1	NS	2	87	5	48	1	40	2	2	33	3	1	1	7	4	

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2018, Quarter 1 - Air Sampling Results  
 Quanta Resources Corporation Superfund Site, OU1  
 Edgewater, New Jersey

Analyte	Sample Type	Risk Screening Level	2/21/2018			2/22/2018			2/23/2018			2/26/2018			2/27/2018			2/28/2018			3/1/2018		3/2/2018	
			Location ID	FD01	FD06	FD01	FD06	FD01	FD06	FD01	FD06	FD01	FD06	FD01	FD06	FD01	FD06	FD01	FD06	FD01	FD06	FD01	FD06	
			Sample Exposure Time	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
			Average Wind Dir/Speed/Temp	SSW/4.3 mph/70°F			NE/3.3 mph/41°F			E/3.6 mph/38°F			WNW/4.7 mph/49°F			WSW/3.5 mph/49°F			S/4.2 mph/51°F			E/2.5 mph/53°F		NNW/10.1 mph/36°F
Sample Type	Primary	Primary	Duplicate	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Duplicate	Primary	Primary	Duplicate	Primary	Primary	Primary	Primary			
Commercial/ Industrial (i.e., 10-hour exposure)	Residential (i.e., 24-hour exposure)																							
Total Particulates	N/A	N/A	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS		
Arsenic	0.037	TBD	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS		
Benz(a)anthracene	1.43	TBD	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS		
Benzo(a)pyrene	0.143	TBD	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS		
Benzo(b)fluoranthene	1.43	TBD	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS		
Benzo(k)fluoranthene	1.43	TBD	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS		
Chrysene	14.3	TBD	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS		
Dibenz(a,h)anthracene	0.13	TBD	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS		
Indeno(1,2,3-cd)pyrene	1.43	TBD	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS		
1,2,4-Trimethylbenzene	23.6	TBD	<1	<1	<1	2	1	4	<1	<1	<1	9	2	NS	19	<1	<1	15	4	<1	<1	<1		
1,3,5-Trimethylbenzene	23.6	TBD	<1	<1	<1	<1	<1	1	<1	<1	<1	4	<1	NS	7	<1	<1	5	1	<1	<1	<1		
Benzene	20.2	TBD	0.7	<0.6	<0.6	12	1	6	0.8	0.7	0.6	13	1	NS	22	<0.6	<0.6	9	2	0.7	<0.6	<0.6		
Ethylbenzene	62.9	TBD	<0.9	<0.9	<0.9	3	<0.9	4	<0.9	<0.9	<0.9	9	2	NS	24	<0.9	<0.9	13	3	<0.9	<0.9	<0.9		
Isopropylbenzene	1350	TBD	<1	<1	<1	<1	<1	1	<1	<1	<1	8	<1	NS	4	<1	<1	3	<1	<1	<1	<1		
Naphthalene	4.62	3.13	32	24	20	21	34	100	21	10	12	180	52	NS	300	17	10	300	150	14	<1	<1		
n-Propylbenzene	3370	TBD	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	NS	<1	<1	<1	<1	<1	<1	<1	<1		
Toluene	16800	TBD	2	1	1	18	2	11	1	2	2	20	2	NS	41	1	1	23	4	0.9	<0.8	<0.8		
Xylenes, Total	337	TBD	2	1	2	14	3	16	2	1	1	29	5	NS	69	1	1	43	9	2	<0.9	<0.9		

Notes:  
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2018, Quarter 1 - Air Sampling Results  
 Quanta Resources Corporation Superfund Site, OU1  
 Edgewater, New Jersey

Analyte	Sample Type	Risk Screening Level	3/5/2018		3/6/2018		3/8/2018			3/9/2018		3/12/2018		3/13/2018		3/14/2018		3/15/2018				
			Location ID	FD01	FD06	FD01	FD06	FD01	FD06	FD01	FD06	FD01	FD06	FD01	FD06	FD01	FD06	FD01	FD06	FD01	FD06	
			Sample Exposure Time	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
			Average Wind Dir/Speed/Temp	N/4.5 mph/39°F		ESE/3.9 mph/41°F		WNW/4.2 mph/36°F			W/5.9 mph/36°F		E/4.3 mph/37°F		NW/7.0 mph/37°F		W/6.7 mph/36°F		W/7.4 mph/40°F			
Sample Type	Sample Type	Sample Type	Primary	Primary	Primary	Primary	Primary	Primary	Duplicate	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Duplicate		
Commercial/ Industrial (i.e., 10-hour exposure)	Residential (i.e., 24-hour exposure)																					
Total Particulates	N/A	N/A	NS	NS	< 43	< 44	NS	NS	NS	NS	NS	NS	NS	< 47	< 47	NS	NS	NS	NS	NS		
Arsenic	0.037	TBD	NS	NS	< 0.022	< 0.022	NS	NS	NS	NS	NS	NS	NS	< 0.023	< 0.023	NS	NS	NS	NS	NS		
Benzo(a)anthracene	1.43	TBD	NS	NS	< 0.069	< 0.07	NS	NS	NS	NS	NS	NS	NS	< 0.075	< 0.075	NS	NS	NS	NS	NS		
Benzo(a)pyrene	0.143	TBD	NS	NS	< 0.069	< 0.07	NS	NS	NS	NS	NS	NS	NS	< 0.075	< 0.075	NS	NS	NS	NS	NS		
Benzo(b)fluoranthene	1.43	TBD	NS	NS	< 0.069	< 0.07	NS	NS	NS	NS	NS	NS	NS	< 0.075	< 0.075	NS	NS	NS	NS	NS		
Benzo(k)fluoranthene	1.43	TBD	NS	NS	< 0.069	< 0.07	NS	NS	NS	NS	NS	NS	NS	< 0.075	< 0.075	NS	NS	NS	NS	NS		
Chrysene	14.3	TBD	NS	NS	< 0.069	< 0.07	NS	NS	NS	NS	NS	NS	NS	< 0.075	< 0.075	NS	NS	NS	NS	NS		
Dibenz(a,h)anthracene	0.13	TBD	NS	NS	< 0.069	< 0.07	NS	NS	NS	NS	NS	NS	NS	< 0.075	< 0.075	NS	NS	NS	NS	NS		
Indeno(1,2,3-cd)pyrene	1.43	TBD	NS	NS	< 0.069	< 0.07	NS	NS	NS	NS	NS	NS	NS	< 0.075	< 0.075	NS	NS	NS	NS	NS		
1,2,4-Trimethylbenzene	23.6	TBD	< 1	3	7	< 1	< 1	< 1	4	4	< 1	2	3	< 1	1	< 1	< 1	1	2	2		
1,3,5-Trimethylbenzene	23.6	TBD	< 1	1	3	< 1	< 1	2	2	< 1	< 1	1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1		
Benzene	20.2	TBD	< 0.6	2	6	0.7	< 1	2	2	1	1	3	0.9	0.9	2	0.9	0.8	2	2	2		
Ethylbenzene	62.9	TBD	< 0.9	4	6	< 0.9	< 1	7	6	< 0.9	2	2	< 0.9	< 0.9	2	< 0.9	< 0.9	1	3	2		
Isopropylbenzene	1350	TBD	< 1	< 1	1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1		
Naphthalene	4.62	3.13	2	45	140	46	6	73	73	7	34	52	21	3	4	13	20	14	73	39		
n-Propylbenzene	3370	TBD	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1		
Toluene	16800	TBD	0.8	5	9	1	2	5	5	1	2	5	1	1	8	1	1	2	3	2		
Xylenes, Total	337	TBD	0.9	11	18	2	< 1	15	13	2	5	8	1	2	8	2	2	3	7	6		

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2018, Quarter 1 - Air Sampling Results  
 Quanta Resources Corporation Superfund Site, OU1  
 Edgewater, New Jersey

Analyte	Sample Type	Sample Date	3/16/2018						3/19/2018						3/20/2018									
			Location ID		FD01		FD02		FD06		FD01		FD02		FD06		FD01		FD02		FD06			
			Sample Exposure Time		10	24	10	24	10	24	10	24	10	24	10	24	10	24	10	24	10	24	10	24
			Average Wind Dir/Speed/Temp		NW/9.1 mph/36°F						NNW/4.2 mph/40°F													
Risk Screening Level		Primary	Primary	Primary	Primary	Primary	Primary	Primary	Duplicate	Primary	Duplicate	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary		
Commercial/ Industrial (i.e., 10-hour exposure)		Residential (i.e., 24-hour exposure)																						
Total Particulates	N/A	N/A	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 40	NS	NS	NS	54	NS	
Arsenic	0.037	TBD	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	0.022	NS	NS	NS	< 0.021	NS	
Benzo(a)anthracene	1.43	TBD	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 0.066	NS	NS	NS	< 0.066	NS	
Benzo(a)pyrene	0.143	TBD	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 0.066	NS	NS	NS	< 0.066	NS	
Benzo(b)fluoranthene	1.43	TBD	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 0.066	NS	NS	NS	< 0.066	NS	
Benzo(k)fluoranthene	1.43	TBD	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 0.066	NS	NS	NS	< 0.066	NS	
Chrysene	14.3	TBD	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 0.066	NS	NS	NS	< 0.066	NS	
Dibenz(a,h)anthracene	0.13	TBD	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 0.066	NS	NS	NS	< 0.066	NS	
Indeno(1,2,3-cd)pyrene	1.43	TBD	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 0.066	NS	NS	NS	< 0.066	NS	
1,2,4-Trimethylbenzene	23.6	TBD	< 1	< 1	5	< 1	2	< 1	< 1	< 1	< 1	< 1	4	6	2	1	3	3	5	3	5	< 1	< 1	
1,3,5-Trimethylbenzene	23.6	TBD	< 1	< 1	2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	2	3	< 1	< 1	1	1	2	1	< 1	< 1		
Benzene	20.2	TBD	< 0.6	< 0.6	7	3	1	0.7	1	1	0.9	0.9	3	4	2	1	3	2	3	2	0.8	< 0.6		
Ethylbenzene	62.9	TBD	< 0.9	< 0.9	6	2	1	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	5	5	1	1	3	3	5	3	< 0.9	< 0.9		
Isopropylbenzene	1350	TBD	< 1	< 1	1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1		
Naphthalene	4.62	3.13	2	4	58	4	39	16	13	6	3	6	52	120	52	37	46	48	68	42	27	2		
n-Propylbenzene	3370	TBD	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1		
Toluene	16800	TBD	0.9	< 0.8	9	5	2	0.9	1	1	0.9	0.9	5	6	2	1	5	4	6	4	1	1		
Xylenes, Total	337	TBD	1	< 0.9	16	4	4	1	2	2	1	1	14	17	4	3	11	9	16	10	2	1		

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2018, Quarter 1 - Air Sampling Results  
 Quanta Resources Corporation Superfund Site, OU1  
 Edgewater, New Jersey

Analyte	Sample Type	Risk Screening Level	3/23/2018								3/26/2018				3/27/2018					
			FD01		FD02		FD06		FD01*	FD02*	FD06		FD01		FD02		FD06			
			10	24	10	24	10	24	24	24	10	24	10	24	10	24	10	24		
			Sample Exposure Time		Sample Exposure Time		Sample Exposure Time		Sample Exposure Time		Sample Exposure Time		Sample Exposure Time		Sample Exposure Time		Sample Exposure Time		Sample Exposure Time	
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		
Commercial/ Industrial (i.e., 10-hour exposure)		Residential (i.e., 24-hour exposure)		Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Duplicate	Primary	Duplicate	Primary	Primary	
Total Particulates	N/A	N/A	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Arsenic	0.037	TBD	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(a)anthracene	1.43	TBD	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(a)pyrene	0.143	TBD	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(b)fluoranthene	1.43	TBD	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(k)fluoranthene	1.43	TBD	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chrysene	14.3	TBD	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Dibenz(a,h)anthracene	0.13	TBD	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Indeno(1,2,3-cd)pyrene	1.43	TBD	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,2,4-Trimethylbenzene	23.6	TBD	<1	<1	5	3	<1	<1	3	1	<1	1	3	3	<1	<1	1	<1	<1	<1
1,3,5-Trimethylbenzene	23.6	TBD	<1	<1	2	1	<1	<1	1	<1	<1	<1	1	1	<1	<1	<1	<1	<1	<1
Benzene	20.2	TBD	<0.6	<0.6	2	0.9	<0.6	<0.6	1	1	0.8	1	1	1	0.7	0.8	1	1	0.8	0.7
Ethylbenzene	62.9	TBD	<0.9	<0.9	3	2	<0.9	<0.9	2	1	<0.9	1	2	2	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9
Isopropylbenzene	1350	TBD	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Naphthalene	4.62	3.13	<1	<1	51	33	14	12	52	13	58	45	68	52	4	6	12	14	12	21
n-Propylbenzene	3370	TBD	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Toluene	16800	TBD	0.9	<0.8	4	2	<0.8	<0.8	3	2	1	2	3	3	2	1	2	2	2	1
Xylenes, Total	337	TBD	<0.9	<0.9	12	6	1	<0.9	6	3	2	3	7	6	2	1	3	3	2	2

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2018, Quarter 1 - Air Sampling Results  
 Quanta Resources Corporation Superfund Site, OU1  
 Edgewater, New Jersey

Analyte	Sample Type	Risk Screening Level	3/28/2018						3/29/2018						3/30/2018					
			FD01		FD02		FD06		FD01		FD02		FD06		FD01		FD02		FD06	
			10	24	10	24	10	24	10	24	10	24	10	24	10	24	10	24	10	24
			S/3.4 mph/49°F						ESE/2.4 mph/52°F						NNW/4.4 mph/60°F					
Sample Date	Location ID	Sample Exposure Time	Average Wind Dir/Speed/Temp	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	
Total Particulates	N/A	N/A		NS	NS	NS	NS	NS	NS	82	NS	NS	NS	41	NS	NS	NS	NS	NS	NS
Arsenic	0.037	TBD		NS	NS	NS	NS	NS	NS	< 0.021	NS	NS	NS	< 0.021	NS	NS	NS	NS	NS	NS
Benz(a)anthracene	1.43	TBD		NS	NS	NS	NS	NS	NS	< 0.066	NS	NS	NS	< 0.066	NS	NS	NS	NS	NS	NS
Benzo(a)pyrene	0.143	TBD		NS	NS	NS	NS	NS	NS	< 0.066	NS	NS	NS	< 0.066	NS	NS	NS	NS	NS	NS
Benzo(b)fluoranthene	1.43	TBD		NS	NS	NS	NS	NS	NS	< 0.066	NS	NS	NS	< 0.066	NS	NS	NS	NS	NS	NS
Benzo(k)fluoranthene	1.43	TBD		NS	NS	NS	NS	NS	NS	< 0.066	NS	NS	NS	< 0.066	NS	NS	NS	NS	NS	NS
Chrysene	14.3	TBD		NS	NS	NS	NS	NS	NS	< 0.066	NS	NS	NS	< 0.066	NS	NS	NS	NS	NS	NS
Dibenz(a,h)anthracene	0.13	TBD		NS	NS	NS	NS	NS	NS	< 0.066	NS	NS	NS	< 0.066	NS	NS	NS	NS	NS	NS
Indeno(1,2,3-cd)pyrene	1.43	TBD		NS	NS	NS	NS	NS	NS	< 0.066	NS	NS	NS	< 0.066	NS	NS	NS	NS	NS	NS
1,2,4-Trimethylbenzene	23.6	TBD		10	12	< 1	1	< 1	< 1	5	4	2	2	1	4	2	10	5	1	< 1
1,3,5-Trimethylbenzene	23.6	TBD		4	5	< 1	< 1	< 1	< 1	2	2	< 1	< 1	< 1	< 1	1	< 1	4	2	< 1
Benzene	20.2	TBD		5	5	1	1	0.7	1	3	2	3	2	2	1	4	51	21	2	1
Ethylbenzene	62.9	TBD		7	7	< 0.9	1	< 0.9	< 0.9	3	2	1	1	< 0.9	< 0.9	2	0.9	8	4	< 0.9
Isopropylbenzene	1350	TBD		< 1	1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Naphthalene	4.62	3.13		180	200	20	18	22	35	94	73	14	15	44	45	38	15	73	38	19
n-Propylbenzene	3370	TBD		< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	16800	TBD		15	15	2	3	1	2	7	5	5	4	3	2	14	5	57	24	3
Xylenes, Total	337	TBD		30	33	3	4	1	3	13	10	7	5	3	3	14	6	48	21	3

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2018, Quarter 2 - Air Sampling Results  
 Quanta Resources Corporation Superfund Site, OU1  
 Edgewater, New Jersey

Analyte	Sample Type	Risk Screening Level	Sample Type	4/2/2018								4/3/2018							
				FD01		FD02		FD06				FD01		FD02		FD06			
				10	24	10	24	10		24		10	24	10	24	10		24	
				Average Wind Dir/Speed/Temp															
n/a																			
ESE/4.4 mph/42°F																			
				Primary	Primary	Primary	Primary	Primary	Duplicate	Primary	Duplicate	Primary	Primary	Primary	Primary	Primary	Primary		
Total Particulates	N/A	N/A	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS		
Arsenic	0.037	TBD	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS		
Benzo(a)anthracene	1.43	TBD	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS		
Benzo(a)pyrene	0.143	TBD	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS		
Benzo(b)fluoranthene	1.43	TBD	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS		
Benzo(k)fluoranthene	1.43	TBD	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS		
Chrysene	14.3	TBD	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS		
Dibenz(a,h)anthracene	0.13	TBD	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS		
Indeno(1,2,3-cd)pyrene	1.43	TBD	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS		
1,2,4-Trimethylbenzene	23.6	TBD	<1	<1	<1	<1	<1	<1	<1	<1	<1	2	2	<1	<1	<1	<1		
1,3,5-Trimethylbenzene	23.6	TBD	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1		
Benzene	20.2	TBD	0.7	0.9	0.9	1	2	2	2	1	3	2	3	3	1	1	1		
Ethylbenzene	62.9	TBD	<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	<0.9		
Isopropylbenzene	1350	TBD	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1		
Naphthalene	4.62	3.13	<1	3	2	3	5	5	6	6	19	21	4	3	19	21	21		
n-Propylbenzene	3370	TBD	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1		
Toluene	16800	TBD	<0.8	1	1	1	2	2	2	1	5	3	4	3	2	2	2		
Xylenes, Total	337	TBD	<0.9	<0.9	2	2	2	2	2	2	7	4	4	<0.9	<0.9	<0.9	<0.9		

Notes:  
 All data shown in micrograms per cubic meter (µg/m³)  
 n/a = not applicable. Weather data were not collected April 2, 2018 due to construction activities.

\* Associated sample (e.g., alternate sample exposure time or duplicate) not analyzed due to equipment malfunction  
 \*\*Sample collection completed fast; additional canisters deployed to complete the planned exposure time.

> - 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 10 hours per day for 1.5 year.

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

NS = not sampled / data not yet available.



2018, Quarter 2 - Air Sampling Results  
 Quanta Resources Corporation Superfund Site, OU1  
 Edgewater, New Jersey

Analyte	Sample Type	Risk Screening Level	Sample Type	4/4/2018						4/5/2018						
				FD01		FD02		FD06		FD01		FD02		FD06		
				10	24	10	24	10	24	10	24	10	24	10	24	
				Average Wind Dir/Speed/Temp												
N/4.3 mph/55°F												WNNW/7.9 mph/45°F				
10-hour exposure		24-hour exposure		Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Duplicate	Primary	
Total Particulates	N/A	N/A		NS	NS	NS	NS	NS	NS	< 41	NS	NS	NS	< 40	NS	NS
Arsenic	0.037	TBD		NS	NS	NS	NS	NS	NS	< 0.020	NS	NS	NS	< 0.020	NS	NS
Benzo(a)anthracene	1.43	TBD		NS	NS	NS	NS	NS	NS	< 0.065	NS	NS	NS	< 0.064	< 0.064	NS
Benzo(a)pyrene	0.143	TBD		NS	NS	NS	NS	NS	NS	< 0.065	NS	NS	NS	< 0.064	< 0.064	NS
Benzo(b)fluoranthene	1.43	TBD		NS	NS	NS	NS	NS	NS	< 0.065	NS	NS	NS	< 0.064	< 0.064	NS
Benzo(k)fluoranthene	1.43	TBD		NS	NS	NS	NS	NS	NS	< 0.065	NS	NS	NS	< 0.064	< 0.064	NS
Chrysene	14.3	TBD		NS	NS	NS	NS	NS	NS	< 0.065	NS	NS	NS	< 0.064	< 0.064	NS
Dibenz(a,h)anthracene	0.13	TBD		NS	NS	NS	NS	NS	NS	< 0.065	NS	NS	NS	< 0.064	< 0.064	NS
Indeno(1,2,3-cd)pyrene	1.43	TBD		NS	NS	NS	NS	NS	NS	< 0.065	NS	NS	NS	< 0.064	< 0.064	NS
1,2,4-Trimethylbenzene	23.6	TBD		< 1	< 1	1	< 1	1	< 1	< 1	< 1	2	2	< 1	NS	< 1
1,3,5-Trimethylbenzene	23.6	TBD		< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	NS	< 1
Benzene	20.2	TBD		1	0.8	2	1	3	1	< 0.6	< 0.6	0.7	1	< 0.6	NS	< 0.6
Ethylbenzene	62.9	TBD		< 0.9	< 0.9	0.9	< 0.9	2	< 0.9	< 0.9	< 0.9	0.9	1	< 0.9	NS	< 0.9
Isopropylbenzene	1350	TBD		< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	NS	< 1
Naphthalene	4.62	3.13		3	1	8	7	20	4	2	2	21	8	1	NS	11
n-Propylbenzene	3370	TBD		< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	NS	< 1
Toluene	16800	TBD		3	1	3	2	5	2	< 0.8	< 0.8	1	2	< 0.8	NS	0.8
Xylenes, Total	337	TBD		< 0.9	< 0.9	4	< 0.9	7	< 0.9	< 0.9	< 0.9	4	4	< 0.9	NS	< 0.9

Notes:  
 All data shown in micrograms per cubic meter (µg/m³)  
 n/a = not applicable. Weather data were not collected April 2, 2018 due to construction activities.

\* Associated sample (e.g., alternate sample exposure time or duplicate) not analyzed due to equipment malfunction  
 \*\*Sample collection completed fast; additional canisters deployed to complete the planned exposure time.

> - 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 10 hours per day for 1.5 year.

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

NS = not sampled / data not yet available.

2018, Quarter 2 - Air Sampling Results  
 Quanta Resources Corporation Superfund Site, OU1  
 Edgewater, New Jersey

Analyte	Sample Type	Risk Screening Level	4/6/2018								4/9/2018							
			FD01		FD02		FD06		FD01		FD02		FD06					
			10	24	10	24	10	24	10	24	10	24	10	24				
			Average Wind Dir/Speed/Temp															
S/6.2 mph/62°F												SW/4.2 mph/47°F						
Sample Type		Sample Type	Primary	Primary	Primary	Primary	Primary	Duplicate	Primary	Duplicate	Primary	Primary	Primary	Duplicate	Primary	Duplicate	Primary	Primary
10-hour exposure		24-hour exposure																
Total Particulates	N/A	N/A	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Arsenic	0.037	TBD	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(a)anthracene	1.43	TBD	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(a)pyrene	0.143	TBD	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(b)fluoranthene	1.43	TBD	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(k)fluoranthene	1.43	TBD	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chrysene	14.3	TBD	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Dibenz(a,h)anthracene	0.13	TBD	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Indeno(1,2,3-cd)pyrene	1.43	TBD	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,2,4-Trimethylbenzene	23.6	TBD	2	1	2	1	<1	<1	<1	<1	2	1	3	2	2	2	<1	<1
1,3,5-Trimethylbenzene	23.6	TBD	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Benzene	20.2	TBD	1	0.9	2	1	<0.6	<0.6	<0.6	<0.6	0.8	0.9	2	1	1	1	<0.6	<0.6
Ethylbenzene	62.9	TBD	1	<0.9	1	0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	2	1	1	1	<0.9	<0.9
Isopropylbenzene	1350	TBD	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Naphthalene	4.62	3.13	26	13	21	16	3	3	5	7	18	16	25	25	16	21	15	10
n-Propylbenzene	3370	TBD	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Toluene	16800	TBD	2	1	3	2	<0.8	<0.8	<0.8	<0.8	1	1	3	2	2	2	0.8	<0.8
Xylenes, Total	337	TBD	4	3	6	4	<0.9	<0.9	<0.9	<0.9	3	3	6	4	5	4	<0.9	<0.9

Notes:  
 All data shown in micrograms per cubic meter (µg/m³)  
 n/a = not applicable. Weather data were not collected April 2, 2018 due to construction activities.

\* Associated sample (e.g., alternate sample exposure time or duplicate) not analyzed due to equipment malfunction  
 \*\*Sample collection completed fast; additional canisters deployed to complete the planned exposure time.

> - 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 10 hours per day for 1.5 year.

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

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2018, Quarter 2 - Air Sampling Results  
 Quanta Resources Corporation Superfund Site, OU1  
 Edgewater, New Jersey

Analyte	Sample Type	Risk Screening Level	4/10/2018								4/11/2018															
			FD01				FD02				FD06				FD01				FD02				FD06			
			10		24		10		24		10		24		10		24		10		24					
			Average Wind Dir/Speed/Temp																							
WNN/S.1 mph/50°F																										
SSE/3.3 mph/49°F																										
Sample Type		Sample Type		Primary	Duplicate	Primary	Duplicate	Primary	Primary	Primary	Primary	Primary	Primary	Duplicate	Primary*	Primary	Primary									
10-hour exposure		24-hour exposure																								
Total Particulates	N/A	N/A		NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS									
Arsenic	0.037	TBD		NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS									
Benzo(a)anthracene	1.43	TBD		NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS									
Benzo(a)pyrene	0.143	TBD		NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS									
Benzo(b)fluoranthene	1.43	TBD		NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS									
Benzo(k)fluoranthene	1.43	TBD		NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS									
Chrysene	14.3	TBD		NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS									
Dibenz(a,h)anthracene	0.13	TBD		NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS									
Indeno(1,2,3-cd)pyrene	1.43	TBD		NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS									
1,2,4-Trimethylbenzene	23.6	TBD		<1	<1	<1	<1	1	2	<1	<1	3	2	1	1	2	2									
1,3,5-Trimethylbenzene	23.6	TBD		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1									
Benzene	20.2	TBD		<0.6	<0.6	0.7	0.7	0.8	2	<0.6	0.7	1	1	1	1	1	1									
Ethylbenzene	62.9	TBD		<0.9	<0.9	<0.9	<0.9	<0.9	1	<0.9	<0.9	1	1	0.9	1	0.9	<0.9									
Isopropylbenzene	1350	TBD		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1									
Naphthalene	4.62	3.13		2	1	1	<1	13	13	3	7	38	30	21	14	15	48									
n-Propylbenzene	3370	TBD		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1									
Toluene	16800	TBD		<0.8	<0.8	0.8	0.9	1	2	<0.8	0.9	2	2	2	3	2	2									
Xylenes, Total	337	TBD		<0.9	<0.9	<0.9	<0.9	<0.9	5	<0.9	<0.9	5	5	4	4	4	3									

Notes:  
 All data shown in micrograms per cubic meter (µg/m<sup>3</sup>)  
 n/a = not applicable. Weather data were not collected April 2, 2018 due to construction activities.

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 \*\*Sample collection completed fast; additional canisters deployed to complete the planned exposure time.

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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 10 hours per day for 1.5 year.

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2018, Quarter 2 - Air Sampling Results  
 Quanta Resources Corporation Superfund Site, OU1  
 Edgewater, New Jersey

Analyte	Sample Type	Risk Screening Level	Sample Type	4/12/2018								4/13/2018							
				FD01		FD02		FD06		FD01		FD02		FD06					
				10	24	10	24	10	24	10	24	10	24	10	24				
				SSE/3.8 mph/59°F								S/3.8 mph/80°F							
10-hour exposure		24-hour exposure		Primary	Primary	Primary	Primary	Primary	Duplicate	Primary	Duplicate	Primary	Duplicate	Primary	Primary	Primary	Primary		
Total Particulates	N/A	N/A	N/A	63	NS	NS	NS	NS	< 42	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Arsenic	0.037	TBD	TBD	< 0.021	NS	NS	NS	NS	< 0.021	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Benzo(a)anthracene	1.43	TBD	TBD	< 0.067	NS	NS	NS	NS	< 0.067	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Benzo(a)pyrene	0.143	TBD	TBD	< 0.067	NS	NS	NS	NS	< 0.067	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Benzo(b)fluoranthene	1.43	TBD	TBD	< 0.067	NS	NS	NS	NS	< 0.067	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Benzo(k)fluoranthene	1.43	TBD	TBD	< 0.067	NS	NS	NS	NS	< 0.067	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Chrysene	14.3	TBD	TBD	< 0.067	NS	NS	NS	NS	< 0.067	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Dibenz(a,h)anthracene	0.13	TBD	TBD	< 0.067	NS	NS	NS	NS	< 0.067	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Indeno(1,2,3-cd)pyrene	1.43	TBD	TBD	< 0.067	NS	NS	NS	NS	< 0.067	NS	NS	NS	NS	NS	NS	NS	NS	NS	
1,2,4-Trimethylbenzene	23.6	TBD	TBD	3	3	3	2	1	1	< 1	< 1	3	2	4	2	1	3	< 1	
1,3,5-Trimethylbenzene	23.6	TBD	TBD	1	< 1	1	< 1	< 1	< 1	< 1	< 1	1	< 1	2	< 1	< 1	< 1	< 1	
Benzene	20.2	TBD	TBD	2	1	3	2	0.9	0.9	0.8	0.8	1	1	3	2	2	3	< 0.6	
Ethylbenzene	62.9	TBD	TBD	2	1	2	1	< 0.9	< 0.9	< 0.9	< 0.9	1	1	2	2	1	1	< 0.9	
Isopropylbenzene	1350	TBD	TBD	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	
Naphthalene	4.62	3.13	3.13	58	39	39	25	19	17	13	8	47	39	68	18	3	29	3	
n-Propylbenzene	3370	TBD	TBD	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	
Toluene	16800	TBD	TBD	4	3	6	4	2	2	1	1	2	2	5	5	3	5	1	
Xylenes, Total	337	TBD	TBD	8	5	10	7	< 0.9	< 0.9	< 0.9	< 0.9	6	4	10	7	4	8	< 0.9	

Notes:  
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 Average wind direction/speed/temperature measured at a sensor on the Quanta Property  
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2018, Quarter 2 - Air Sampling Results  
 Quanta Resources Corporation Superfund Site, OU1  
 Edgewater, New Jersey

Analyte	Sample Type	Risk Screening Level	4/17/2018								4/18/2018												
			FD01		FD02		FD06		FD01		FD02		FD06										
			10	24	10	24	10	24	10	24	10	24	10	24									
			Average Wind Dir/Speed/Temp																				
W/6.2 mph/46°F												W/6.4 mph/54°F											
Sample Type		Primary	Primary	Primary	Primary	Primary	Duplicate	Primary	Duplicate	Primary	Primary	Primary	Duplicate	Primary	Duplicate	Primary	Duplicate						
Total Particulates	N/A	N/A	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS						
Arsenic	0.037	TBD	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS						
Benzo(a)anthracene	1.43	TBD	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS						
Benzo(a)pyrene	0.143	TBD	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS						
Benzo(b)fluoranthene	1.43	TBD	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS						
Benzo(k)fluoranthene	1.43	TBD	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS						
Chrysene	14.3	TBD	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS						
Dibenz(a,h)anthracene	0.13	TBD	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS						
Indeno(1,2,3-cd)pyrene	1.43	TBD	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS						
1,2,4-Trimethylbenzene	23.6	TBD	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1						
1,3,5-Trimethylbenzene	23.6	TBD	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1						
Benzene	20.2	TBD	<0.6	<0.6	<0.6	<0.6	0.7	0.9	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	0.9	0.8						
Ethylbenzene	62.9	TBD	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9						
Isopropylbenzene	1350	TBD	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1						
Naphthalene	4.62	3.13	<1	<1	4	2	<1	<1	<1	<1	<1	5	1	<1	1	2	6						
n-Propylbenzene	3370	TBD	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1						
Toluene	16800	TBD	<0.8	<0.8	<0.8	<0.8	0.8	1	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	1	1						
Xylenes, Total	337	TBD	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9						

Notes:  
 All data shown in micrograms per cubic meter (µg/m³)  
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2018, Quarter 2 - Air Sampling Results  
 Quanta Resources Corporation Superfund Site, OU1  
 Edgewater, New Jersey

Analyte	Sample Type	Risk Screening Level	4/19/2018								4/20/2018															
			FD01				FD02				FD06				FD01				FD02				FD06			
			10		24		10		24		10		24		10		24		10		24		10		24	
			Average Wind Dir/Speed/Temp																							
NNW/4.6 mph/46°F																										
NW/9.2 mph/49°F																										
Sample Type		Sample Type		Primary	Duplicate	Primary	Duplicate	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary			
10-hour exposure		24-hour exposure																								
Total Particulates	N/A	N/A		NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			
Arsenic	0.037	TBD		NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			
Benzo(a)anthracene	1.43	TBD		NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			
Benzo(a)pyrene	0.143	TBD		NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			
Benzo(b)fluoranthene	1.43	TBD		NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			
Benzo(k)fluoranthene	1.43	TBD		NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			
Chrysene	14.3	TBD		NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			
Dibenz(a,h)anthracene	0.13	TBD		NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			
Indeno(1,2,3-cd)pyrene	1.43	TBD		NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			
1,2,4-Trimethylbenzene	23.6	TBD		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1			
1,3,5-Trimethylbenzene	23.6	TBD		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1			
Benzene	20.2	TBD		<0.6	<0.6	<0.6	<0.6	0.8	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6			
Ethylbenzene	62.9	TBD		<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9			
Isopropylbenzene	1350	TBD		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1			
Naphthalene	4.62	3.13		<1	<1	<1	<1	<1	<1	1	<1	<1	<1	3	2	<1	<1	<1	<1	<1	<1	<1	<1			
n-Propylbenzene	3370	TBD		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1			
Toluene	16800	TBD		1	1	0.8	<0.8	1	0.9	1	<0.8	1	0.9	1	1	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8			
Xylenes, Total	337	TBD		<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9			

Notes:  
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 \*\*Sample collection completed fast, additional canisters deployed to complete the planned exposure time.

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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 10 hours per day for 1.5 year.

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2018, Quarter 2 - Air Sampling Results  
 Quanta Resources Corporation Superfund Site, OU1  
 Edgewater, New Jersey

Analyte	Sample Type	Risk Screening Level	4/23/2018						4/24/2018								
			FD01		FD02		FD06		FD01		FD02		FD06				
			10	24	10	24	10	24	10	24	10	24	10	24			
			Average Wind Dir/Speed/Temp														
ESE/4.0 mph/68°F												SE/6.2 mph/62°F					
Sample Type		Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Duplicate	Primary	Duplicate	
10-hour exposure		24-hour exposure															
Total Particulates	N/A	N/A	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Arsenic	0.037	TBD	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(a)anthracene	1.43	TBD	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(a)pyrene	0.143	TBD	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(b)fluoranthene	1.43	TBD	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(k)fluoranthene	1.43	TBD	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chrysene	14.3	TBD	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Dibenz(a,h)anthracene	0.13	TBD	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Indeno(1,2,3-cd)pyrene	1.43	TBD	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,2,4-Trimethylbenzene	23.6	TBD	1	<2	2	1	7	3	3	2	3	1	2	2	2	2	3
1,3,5-Trimethylbenzene	23.6	TBD	<1	<2	<1	<1	3	1	1	<1	<1	<1	<1	<1	<1	<1	<1
Benzene	20.2	TBD	2	1	2	2	10	5	1	1	2	1	2	2	2	2	2
Ethylbenzene	62.9	TBD	1	<2	1	1	5	3	1	<0.9	1	<0.9	1	1	1	1	2
Isopropylbenzene	1350	TBD	<1	<2	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Naphthalene	4.62	3.13	17	12	25	19	150	68	34	19	58	20	47	20	58	32	32
n-Propylbenzene	3370	TBD	<1	<2	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Toluene	16800	TBD	3	2	5	3	19	9	2	2	3	2	3	3	3	3	3
Xylenes, Total	337	TBD	4	<2	6	5	29	14	5	4	7	<0.9	6	6	7	7	7

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

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2018, Quarter 2 - Air Sampling Results  
 Quanta Resources Corporation Superfund Site, OU1  
 Edgewater, New Jersey

Analyte	Sample Type	Risk Screening Level	4/25/2018						4/26/2018						4/27/2018					
			FD01		FD02*		FD06		FD01		FD02		FD06		FD01		FD02		FD06	
			10	24	10	24	10	24	10	24	10	24	10	24	10	24	10	24	10	24
			ESE/5.2 mph/59°F						WNW/6.9 mph/70°F						E/2.8 mph/55°F					
Sample Type		Sample Type		Sample Type		Sample Type		Sample Type		Sample Type		Sample Type		Sample Type		Sample Type		Sample Type		
10-hour exposure		24-hour exposure		Primary		Primary		Primary		Primary		Primary		Primary		Primary		Primary		
Total Particulates	N/A	N/A	NS	NS	NS	NS	NS	< 42	NS	NS	NS	< 42	NS	NS	NS	NS	NS	NS	NS	
Arsenic	0.037	TBD	NS	NS	NS	NS	NS	< 0.021	NS	NS	NS	< 0.020	NS	NS	NS	NS	NS	NS	NS	
Benzo(a)anthracene	1.43	TBD	NS	NS	NS	NS	NS	< 0.068	NS	NS	NS	< 0.067	NS	NS	NS	NS	NS	NS	NS	
Benzo(a)pyrene	0.143	TBD	NS	NS	NS	NS	NS	< 0.068	NS	NS	NS	< 0.067	NS	NS	NS	NS	NS	NS	NS	
Benzo(b)fluoranthene	1.43	TBD	NS	NS	NS	NS	NS	< 0.068	NS	NS	NS	< 0.067	NS	NS	NS	NS	NS	NS	NS	
Benzo(k)fluoranthene	1.43	TBD	NS	NS	NS	NS	NS	< 0.068	NS	NS	NS	< 0.067	NS	NS	NS	NS	NS	NS	NS	
Chrysene	14.3	TBD	NS	NS	NS	NS	NS	< 0.068	NS	NS	NS	< 0.067	NS	NS	NS	NS	NS	NS	NS	
Dibenz(a,h)anthracene	0.13	TBD	NS	NS	NS	NS	NS	< 0.068	NS	NS	NS	< 0.067	NS	NS	NS	NS	NS	NS	NS	
Indeno(1,2,3-cd)pyrene	1.43	TBD	NS	NS	NS	NS	NS	< 0.068	NS	NS	NS	< 0.067	NS	NS	NS	NS	NS	NS	NS	
1,2,4-Trimethylbenzene	23.6	TBD	< 1	< 1	< 1	1	< 1	< 1	< 1	1	2	< 1	1	2	1	< 1	1	4	2	
1,3,5-Trimethylbenzene	23.6	TBD	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	2	< 1	
Benzene	20.2	TBD	0.8	0.9	< 0.6	0.9	1	< 0.6	0.9	< 0.6	1	< 0.6	1	2	2	1	2	3	2	
Ethylbenzene	62.9	TBD	< 0.9	< 0.9	< 0.9	1	1	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	1	1	< 0.9	< 0.9	1	3	2	
Isopropylbenzene	1350	TBD	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	
Naphthalene	4.62	3.13	6	5	1	27	2	< 1	5	6	6	< 1	25	25	10	6	14	100	58	
n-Propylbenzene	3370	TBD	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	
Toluene	16800	TBD	1	2	1	2	2	< 0.8	1	1	2	< 0.8	2	4	2	2	3	6	4	
Xylenes, Total	337	TBD	< 0.9	< 0.9	< 0.9	9	7	< 0.9	< 0.9	< 0.9	4	< 0.9	5	7	3	< 0.9	5	12	8	

Notes:  
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 Average wind direction/speed/temperature measured at a sensor on the Quanta Property  
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2018, Quarter 2 - Air Sampling Results  
 Quanta Resources Corporation Superfund Site, OU1  
 Edgewater, New Jersey

Analyte	Sample Type	Risk Screening Level	Sample Type	4/30/2018						5/1/2018					
				FD01		FD02		FD06		FD01		FD02		FD06	
				10	24	10	24	10	24	10	24	10	24	10*	10*
				Average Wind Dir/Speed/Temp											
NW/7.5 mph/51°F															
WNW/5.7 mph/81°F															
10-hour exposure		24-hour exposure		Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Duplicate	
Total Particulates	N/A	N/A	N/A	NS	NS	NS	NS	NS	NS	47	NS	NS	NS	70	65
Arsenic	0.037	TBD	TBD	NS	NS	NS	NS	NS	NS	< 0.023	NS	NS	NS	< 0.021	<0.023
Benzo(a)anthracene	1.43	TBD	TBD	NS	NS	NS	NS	NS	NS	< 0.079	NS	NS	NS	< 0.074	NS
Benzo(a)pyrene	0.143	TBD	TBD	NS	NS	NS	NS	NS	NS	< 0.079	NS	NS	NS	< 0.074	NS
Benzo(b)fluoranthene	1.43	TBD	TBD	NS	NS	NS	NS	NS	NS	< 0.079	NS	NS	NS	< 0.074	NS
Benzo(k)fluoranthene	1.43	TBD	TBD	NS	NS	NS	NS	NS	NS	< 0.079	NS	NS	NS	< 0.074	NS
Chrysene	14.3	TBD	TBD	NS	NS	NS	NS	NS	NS	< 0.079	NS	NS	NS	< 0.074	NS
Dibenz(a,h)anthracene	0.13	TBD	TBD	NS	NS	NS	NS	NS	NS	< 0.079	NS	NS	NS	< 0.074	NS
Indeno(1,2,3-cd)pyrene	1.43	TBD	TBD	NS	NS	NS	NS	NS	NS	< 0.079	NS	NS	NS	< 0.074	NS
1,2,4-Trimethylbenzene	23.6	TBD	TBD	2	2	3	3	< 1	< 1	3	10	8	5	< 1	NS
1,3,5-Trimethylbenzene	23.6	TBD	TBD	< 1	< 1	1	1	< 1	< 1	1	4	3	2	< 1	NS
Benzene	20.2	TBD	TBD	1	1	4	3	< 0.6	< 0.6	2	6	6	4	< 0.6	NS
Ethylbenzene	62.9	TBD	TBD	< 0.9	1	2	2	< 0.9	< 0.9	1	7	5	4	< 0.9	NS
Isopropylbenzene	1350	TBD	TBD	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	NS
Naphthalene	4.62	3.13	3.13	21	23	24	25	2	< 1	41	100	120	84	6	NS
n-Propylbenzene	3370	TBD	TBD	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	NS
Toluene	16800	TBD	TBD	2	3	7	6	0.8	< 0.8	3	14	12	9	1	NS
Xylenes, Total	337	TBD	TBD	4	5	12	10	< 0.9	< 0.9	7	30	24	18	< 0.9	NS

Notes:  
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2018, Quarter 2 - Air Sampling Results  
 Quanta Resources Corporation Superfund Site, OU1  
 Edgewater, New Jersey

Analyte	Sample Type	Risk Screening Level	5/2/2018						5/3/2018							
			FD01		FD02		FD06		FD01		FD02		FD06			
			10	24	10	24	10	24	10	24	10	24	10	24		
			Average Wind Dir/Speed/Temp													
SSW/5.2 mph/89°F																
SSW/5.1 mph/92°F																
Sample Type		Sample Type	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Duplicate	Primary	Primary	Primary	Primary		
10-hour exposure		24-hour exposure														
Total Particulates	N/A	N/A	NS	NS	NS	NS	NS	NS	NS	120	NS	NS	NS	NS	62	NS
Arsenic	0.037	TBD	NS	NS	NS	NS	NS	NS	NS	< 0.024	NS	NS	NS	NS	< 0.018	NS
Benzo(a)anthracene	1.43	TBD	NS	NS	NS	NS	NS	NS	NS	< 0.07	< 0.068	NS	NS	NS	< 0.067	NS
Benzo(a)pyrene	0.143	TBD	NS	NS	NS	NS	NS	NS	NS	< 0.07	< 0.068	NS	NS	NS	< 0.067	NS
Benzo(b)fluoranthene	1.43	TBD	NS	NS	NS	NS	NS	NS	NS	< 0.07	< 0.068	NS	NS	NS	< 0.067	NS
Benzo(k)fluoranthene	1.43	TBD	NS	NS	NS	NS	NS	NS	NS	< 0.07	< 0.068	NS	NS	NS	< 0.067	NS
Chrysene	14.3	TBD	NS	NS	NS	NS	NS	NS	NS	< 0.07	< 0.068	NS	NS	NS	< 0.067	NS
Dibenz(a,h)anthracene	0.13	TBD	NS	NS	NS	NS	NS	NS	NS	< 0.07	< 0.068	NS	NS	NS	< 0.067	NS
Indeno(1,2,3-cd)pyrene	1.43	TBD	NS	NS	NS	NS	NS	NS	NS	< 0.07	< 0.068	NS	NS	NS	< 0.067	NS
1,2,4-Trimethylbenzene	23.6	TBD	8	11	3	< 2	< 1	< 1	< 1	12	NS	14	3	5	< 2	3
1,3,5-Trimethylbenzene	23.6	TBD	3	4	< 1	< 2	< 1	< 1	< 1	5	NS	6	1	2	< 2	1
Benzene	20.2	TBD	4	5	1	< 1	< 0.6	< 0.6	< 0.6	3	NS	7	1	4	< 1	2
Ethylbenzene	62.9	TBD	4	7	1	< 2	< 0.9	< 0.9	< 0.9	5	NS	8	1	3	< 2	3
Isopropylbenzene	1350	TBD	< 1	1	< 1	< 2	< 1	< 1	< 1	1	NS	1	< 1	< 1	< 2	< 1
Naphthalene	4.62	3.13	190	190	50	19	< 1	1	1	250	NS	280	58	89	< 2	27
n-Propylbenzene	3370	TBD	< 1	< 1	< 1	< 2	< 1	< 1	< 1	< 1	NS	< 1	< 1	< 1	< 2	< 1
Toluene	16800	TBD	8	12	3	2	0.8	0.9	0.9	8	NS	15	3	8	< 2	3
Xylenes, Total	337	TBD	21	30	7	< 2	< 0.9	4	4	26	NS	37	7	16	< 2	15

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2018, Quarter 2 - Air Sampling Results  
 Quanta Resources Corporation Superfund Site, OU1  
 Edgewater, New Jersey

Analyte	Sample Type	Risk Screening Level	5/4/2018						5/7/2018								
			FD01		FD02		FD06		FD01		FD02		FD06				
			10	24	10	24	10	24	10	24	10	24	10	24			
			Average Wind Dir/Speed/Temp														
S/3.1 mph/83°F						ESE/3.5 mph/76°F											
Sample Type		Sample Type		Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Duplicate	Primary	Duplicate	
10-hour exposure		24-hour exposure															
Total Particulates	N/A	N/A		NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Arsenic	0.037	TBD		NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(a)anthracene	1.43	TBD		NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(a)pyrene	0.143	TBD		NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(b)fluoranthene	1.43	TBD		NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(k)fluoranthene	1.43	TBD		NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chrysene	14.3	TBD		NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Dibenz(a,h)anthracene	0.13	TBD		NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Indeno(1,2,3-cd)pyrene	1.43	TBD		NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,2,4-Trimethylbenzene	23.6	TBD		5	3	2	1	<1	<1	5	4	3	2	1	2	1	2
1,3,5-Trimethylbenzene	23.6	TBD		2	1	<1	<1	<1	<1	2	2	1	1	<1	<1	<1	<1
Benzene	20.2	TBD		2	1	1	0.9	<0.6	<0.6	3	3	4	3	1	0.8	1	0.8
Ethylbenzene	62.9	TBD		3	1	1	<0.9	<0.9	<0.9	3	2	2	2	1	1	0.9	1
Isopropylbenzene	1350	TBD		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Naphthalene	4.62	3.13		100	68	27	23	4	2	84	68	68	37	50	63	28	35
n-Propylbenzene	3370	TBD		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Toluene	16800	TBD		5	3	3	2	1	<0.8	5	5	5	5	1	1	1	1
Xylenes, Total	337	TBD		13	7	5	4	4	<0.9	12	10	9	8	5	6	4	4

Notes:  
 All data shown in micrograms per cubic meter (µg/m<sup>3</sup>)  
 n/a = not applicable. Weather data were not collected April 2, 2018 due to construction activities.

\* Associated sample (e.g., alternate sample exposure time or duplicate) not analyzed due to equipment malfunction  
 \*\*Sample collection completed fast; additional canisters deployed to complete the planned exposure time.

> - 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 10 hours per day for 1.5 year.

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

NS = not sampled / data not yet available.



2018, Quarter 2 - Air Sampling Results  
 Quanta Resources Corporation Superfund Site, OU1  
 Edgewater, New Jersey

Analyte	Sample Type	Risk Screening Level	Sample Type	5/10/2018						5/11/2018									
				FD01		FD02		FD06		FD01		FD02		FD06					
				10	24	10	24	10	24	10	24	10	24	10	24				
				SE/5.2 mph/67°F						NW/5.5 mph/74°F									
10-hour exposure		24-hour exposure		Primary	Primary	Primary	Primary	Primary	Primary**	Primary	Primary	Primary	Primary	Primary	Duplicate	Primary	Duplicate		
Total Particulates	N/A	N/A	NS	NS	NS	NS	NS	NS	NS	NS	<47	NS	NS	NS	NS	62	NS	NS	NS
Arsenic	0.037	TBD	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(a)anthracene	1.43	TBD	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(a)pyrene	0.143	TBD	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(b)fluoranthene	1.43	TBD	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(k)fluoranthene	1.43	TBD	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chrysene	14.3	TBD	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Dibenz(a,h)anthracene	0.13	TBD	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Indeno(1,2,3-cd)pyrene	1.43	TBD	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,2,4-Trimethylbenzene	23.6	TBD	6	4	2	2	<1	<1	1	<1	<1	<1	<1	1	<1	<1	<1	<1	<1
1,3,5-Trimethylbenzene	23.6	TBD	3	1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Benzene	20.2	TBD	2	2	1	1	<0.6	<1	0.9	<0.6	<0.6	<0.6	0.7	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6
Ethylbenzene	62.9	TBD	3	2	<0.9	0.9	<0.9	<1	2	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9
Isopropylbenzene	1350	TBD	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Naphthalene	4.62	3.13	120	73	38	27	20	12	35	2	2	10	11	1	1	7	8		
n-Propylbenzene	3370	TBD	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Toluene	16800	TBD	5	4	2	3	1	1	2	<0.8	0.8	0.9	1	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
Xylenes, Total	337	TBD	13	8	4	4	<0.9	<1	10	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9

Notes:  
 All data shown in micrograms per cubic meter (µg/m³)  
 n/a = not applicable. Weather data were not collected April 2, 2018 due to construction activities.

\* Associated sample (e.g., alternate sample exposure time or duplicate) not analyzed due to equipment malfunction  
 \*\*Sample collection completed fast; additional canisters deployed to complete the planned exposure time.

> - 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 10 hours per day for 1.5 year.

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

NS = not sampled / data not yet available.

2018, Quarter 2 - Air Sampling Results  
 Quanta Resources Corporation Superfund Site, OU1  
 Edgewater, New Jersey

Analyte	Sample Type	Risk Screening Level	Sample Type	5/14/2018						5/15/2018						
				FD01		FD02		FD06		FD01		FD02		FD06		
				10	24	10	24	10	24	10	24	10	24	10	24	
				Average Wind Dir/Speed/Temp												
SSE/3.5 mph/70°F												S/4.4 mph/90°F				
10-hour exposure		24-hour exposure		Primary	Primary	Primary	Primary	Primary	Primary	Primary	Duplicate	Primary	Duplicate	Primary	Duplicate	
Total Particulates	N/A	N/A	N/A	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Arsenic	0.037	TBD	TBD	NS	NS	NS	NS	NS	NS	< 0.024	NS	NS	NS	NS	NS	< 0.028
Benzo(a)anthracene	1.43	TBD	TBD	NS	NS	NS	NS	NS	NS	< 0.086	NS	NS	NS	NS	NS	< 0.085
Benzo(a)pyrene	0.143	TBD	TBD	NS	NS	NS	NS	NS	NS	< 0.086	NS	NS	NS	NS	NS	< 0.085
Benzo(b)fluoranthene	1.43	TBD	TBD	NS	NS	NS	NS	NS	NS	< 0.086	NS	NS	NS	NS	NS	< 0.085
Benzo(k)fluoranthene	1.43	TBD	TBD	NS	NS	NS	NS	NS	NS	< 0.086	NS	NS	NS	NS	NS	< 0.085
Chrysene	14.3	TBD	TBD	NS	NS	NS	NS	NS	NS	< 0.086	NS	NS	NS	NS	NS	< 0.085
Dibenz(a,h)anthracene	0.13	TBD	TBD	NS	NS	NS	NS	NS	NS	< 0.086	NS	NS	NS	NS	NS	< 0.085
Indeno(1,2,3-cd)pyrene	1.43	TBD	TBD	NS	NS	NS	NS	NS	NS	< 0.086	NS	NS	NS	NS	NS	< 0.085
1,2,4-Trimethylbenzene	23.6	TBD	TBD	< 1	2	< 1	< 1	< 1	< 1	1	< 1	< 1	< 1	< 1	< 2	< 1
1,3,5-Trimethylbenzene	23.6	TBD	TBD	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 2	< 1
Benzene	20.2	TBD	TBD	0.8	1	< 0.6	0.8	< 0.6	0.7	0.8	< 0.6	0.6	1	0.7	< 1	< 0.6
Ethylbenzene	62.9	TBD	TBD	< 0.9	< 1	< 0.9	< 0.9	< 0.9	1	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 1	< 0.9
Isopropylbenzene	1350	TBD	TBD	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 2	< 1	< 1
Naphthalene	4.62	3.13	3.13	10	18	5	14	3	14	6	5	7	7	10	3	1
n-Propylbenzene	3370	TBD	TBD	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 2	< 1
Toluene	16800	TBD	TBD	1	2	1	1	0.8	2	2	0.9	1	2	1	< 1	0.8
Xylenes, Total	337	TBD	TBD	< 0.9	< 1	< 0.9	< 0.9	< 0.9	5	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 1	3

Notes:  
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2018, Quarter 2 - Air Sampling Results  
 Quanta Resources Corporation Superfund Site, OU1  
 Edgewater, New Jersey

Analyte	Sample Type	Risk Screening Level	5/16/2018						5/17/2018						5/18/2018							
			FD01		FD02		FD06		FD01		FD02		FD06		FD01		FD02		FD06			
			10	24	10	24	10	24	10	24	10	24	10	24	10	24	10	24	10	24		
			E/3.3 mph/64°F						SE/1.8 mph/71°F						E/6.0 mph/65°F							
Sample Type		Sample Type		Sample Type		Sample Type		Sample Type		Sample Type		Sample Type		Sample Type		Sample Type		Sample Type				
10-hour exposure		24-hour exposure		10-hour exposure		24-hour exposure		10-hour exposure		24-hour exposure		10-hour exposure		24-hour exposure		10-hour exposure		24-hour exposure				
Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Duplicate	Primary	Duplicate	Primary	Primary	Primary	Primary		
Total Particulates	N/A	N/A	NS	NS	NS	NS	NS	NS	<24	NS	NS	NS	NS	<26	NS	NS	NS	NS	NS	NS	NS	
Arsenic	0.037	TBD	NS	NS	NS	NS	NS	NS	<0.058	NS	NS	NS	NS	<0.052	NS	NS	NS	NS	NS	NS	NS	
Benzo(a)anthracene	1.43	TBD	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Benzo(a)pyrene	0.143	TBD	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	<0.084	NS	<0.084	NS	NS	NS	NS	
Benzo(b)fluoranthene	1.43	TBD	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	<0.084	NS	<0.084	NS	NS	NS	NS	
Benzo(k)fluoranthene	1.43	TBD	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	<0.084	NS	<0.084	NS	NS	NS	NS	
Chrysene	14.3	TBD	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	<0.084	NS	<0.084	NS	NS	NS	NS	
Dibenz(a,h)anthracene	0.13	TBD	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	<0.084	NS	<0.084	NS	NS	NS	NS	
Indeno(1,2,3-cd)pyrene	1.43	TBD	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	<0.084	NS	<0.084	NS	NS	NS	NS	
1,2,4-Trimethylbenzene	23.6	TBD	<1	<1	<1	<1	1	<1	<1	2	<1	1	<1	<1	<1	<1	<1	<1	<1	1	<1	
1,3,5-Trimethylbenzene	23.6	TBD	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	
Benzene	20.2	TBD	0.8	<0.6	0.7	<0.6	0.7	<0.6	0.9	2	1	1	0.8	0.9	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	
Ethylbenzene	62.9	TBD	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	1	<0.9	<0.9	1	1	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	
Isopropylbenzene	1350	TBD	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	
Naphthalene	4.62	3.13	11	3	8	5	58	31	5	18	8	17	4	4	6	3	5	4	2	<1	47	31
n-Propylbenzene	3370	TBD	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Toluene	16800	TBD	2	0.9	1	0.9	1	0.9	2	3	2	3	2	2	1	0.8	0.8	0.8	0.8	0.8	0.9	0.8
Xylenes, Total	337	TBD	<0.9	<0.9	<0.9	<0.9	4	3	<0.9	5	<0.9	4	6	7	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9

Notes:  
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 Average wind direction/speed/temperature measured at a sensor on the Quanta Property  
 Levels in air that are shaded are greater than the applicable RSL. The RSL is used principally as a screening value used to guide actions at the site to control emissions and odors. The RSL was calculated using a scenario assuming an individual stands on the site perimeter for 10 hours per day for 1.5 year.

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2018, Quarter 2 - Air Sampling Results  
 Quanta Resources Corporation Superfund Site, OU1  
 Edgewater, New Jersey

Analyte	Sample Type	Risk Screening Level	Sample Type	5/21/2018						5/22/2018						5/23/2018					
				FD01		FD02		FD06		FD01		FD02		FD06		FD01		FD02		FD06	
				10	24	10	24	10	24	10	24	10	24	10	24	10	24	10	24	10	24
				SE/3.2 mph/77°F						SE/2.9 mph/67°F						NW/3.3 mph/82°F					
Total Particulates	N/A	N/A	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Arsenic	0.037	TBD	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Benzo(a)anthracene	1.43	TBD	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Benzo(a)pyrene	0.143	TBD	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Benzo(b)fluoranthene	1.43	TBD	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Benzo(k)fluoranthene	1.43	TBD	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Chrysene	14.3	TBD	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Dibenz(a,h)anthracene	0.13	TBD	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Indeno(1,2,3-cd)pyrene	1.43	TBD	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
1,2,4-Trimethylbenzene	23.6	TBD	<1	2	<1	1	1	1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	
1,3,5-Trimethylbenzene	23.6	TBD	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	
Benzene	20.2	TBD	<0.6	0.9	<0.6	0.9	<0.6	1	0.8	0.8	0.7	<0.6	<0.6	<0.6	<0.6	<0.6	1	<0.6	<1		
Ethylbenzene	62.9	TBD	<0.9	0.9	<0.9	<0.9	1	1	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9		
Isopropylbenzene	1350	TBD	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1		
Naphthalene	4.62	3.13	6	7	9	12	26	19	8	3	12	5	2	6	<1	<1	2	3	<1		
n-Propylbenzene	3370	TBD	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1		
Toluene	16800	TBD	1	2	1	2	0.8	1	2	2	2	1	1	0.9	1	1	2	0.8	1		
Xylenes, Total	337	TBD	<0.9	4	<0.9	4	5	6	<0.9	<0.9	<0.9	<0.9	<0.9	4	<0.9	<0.9	<0.9	<0.9	<1		

Notes:  
 All data shown in micrograms per cubic meter (µg/m³)  
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2018, Quarter 2 - Air Sampling Results  
 Quanta Resources Corporation Superfund Site, OU1  
 Edgewater, New Jersey

Analyte	Sample Type	Risk Screening Level	Sample Type	5/24/2018						5/25/2018							
				FD01		FD02		FD06		FD01		FD02		FD06			
				10	24	10	24	10	24	10	24	10	24	10	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			
10-hour exposure		24-hour exposure		Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Duplicate	Primary	Duplicate	
Total Particulates	N/A	N/A	N/A	83	NS	NS	NS	NS	53	NS	NS	NS	NS	NS	NS	NS	NS
Arsenic	0.037	TBD	< 0.023	NS	NS	NS	NS	< 0.026	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(a)anthracene	1.43	TBD	< 0.08	NS	NS	NS	NS	< 0.085	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(a)pyrene	0.143	TBD	< 0.08	NS	NS	NS	NS	< 0.085	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(b)fluoranthene	1.43	TBD	< 0.08	NS	NS	NS	NS	< 0.085	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(k)fluoranthene	1.43	TBD	< 0.08	NS	NS	NS	NS	< 0.085	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chrysene	14.3	TBD	< 0.08	NS	NS	NS	NS	< 0.085	NS	NS	NS	NS	NS	NS	NS	NS	NS
Dibenz(a,h)anthracene	0.13	TBD	< 0.08	NS	NS	NS	NS	< 0.085	NS	NS	NS	NS	NS	NS	NS	NS	NS
Indeno(1,2,3-cd)pyrene	1.43	TBD	< 0.08	NS	NS	NS	NS	< 0.085	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,2,4-Trimethylbenzene	23.6	TBD	< 1	< 1	< 1	< 1	< 1	< 2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,3,5-Trimethylbenzene	23.6	TBD	< 1	< 1	< 1	< 1	< 1	< 2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Benzene	20.2	TBD	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 1	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6
Ethylbenzene	62.9	TBD	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 1	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9
Isopropylbenzene	1350	TBD	< 1	< 1	< 1	< 1	< 1	< 2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Naphthalene	4.62	3.13	4	2	5	3	9	4	1	1	2	2	< 1	< 1	< 1	< 1	< 1
n-Propylbenzene	3370	TBD	< 1	< 1	< 1	< 1	< 1	< 2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	16800	TBD	< 0.8	0.8	< 0.8	0.9	< 0.8	< 1	1	0.9	1	0.8	< 0.8	0.8	1	< 0.8	< 0.8
Xylenes, Total	337	TBD	< 0.9	< 0.9	< 0.9	< 0.9	4	< 1	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9

Notes:  
 All data shown in micrograms per cubic meter (µg/m³)  
 n/a = not applicable. Weather data were not collected April 2, 2018 due to construction activities.

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2018, Quarter 2 - Air Sampling Results  
 Quanta Resources Corporation Superfund Site, OU1  
 Edgewater, New Jersey

Analyte	Sample Type	Risk Screening Level	5/29/2018						5/30/2018						5/31/2018					
			FD01		FD02		FD06		FD01		FD02		FD06		FD01		FD02		FD06	
			10	24	10	24	10	24	10	24	10	24	10	24	10	24	10	24	10	24
			SSE/3.7 mph/89°F						ESE/3.4 mph/78°F						E/2.6 mph/69°F					
Sample Date	Location ID	Sample Exposure Time	Average Wind Dir/Speed/Temp	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	
10-hour exposure	24-hour exposure																			
Total Particulates	N/A	N/A		NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 69	NS
Arsenic	0.037	TBD		NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(a)anthracene	1.43	TBD		NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 0.081	NS
Benzo(a)pyrene	0.143	TBD		NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 0.081	NS
Benzo(b)fluoranthene	1.43	TBD		NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 0.081	NS
Benzo(k)fluoranthene	1.43	TBD		NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 0.081	NS
Chrysene	14.3	TBD		NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 0.081	NS
Dibenz(a,h)anthracene	0.13	TBD		NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 0.081	NS
Indeno(1,2,3-cd)pyrene	1.43	TBD		NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 0.081	NS
1,2,4-Trimethylbenzene	23.6	TBD		2	3	1	2	< 1	1	13	6	1	< 1	4	3	5	3	1	< 1	3
1,3,5-Trimethylbenzene	23.6	TBD		1	2	< 1	< 1	< 1	< 1	5	3	< 1	< 1	2	< 1	2	1	< 1	< 1	< 1
Benzene	20.2	TBD		2	3	1	1	< 0.6	0.9	11	5	1	0.8	3	2	3	2	1	0.8	1
Ethylbenzene	62.9	TBD		2	2	0.9	1	2	2	9	4	< 0.9	< 0.9	4	2	3	2	< 0.9	< 0.9	2
Isopropylbenzene	1350	TBD		< 1	< 1	< 1	< 1	< 1	< 1	1	< 1	< 1	< 1	< 1	< 2	< 1	< 1	< 1	< 1	< 1
Naphthalene	4.62	3.13		25	37	25	29	5	31	210	130	30	24	130	73	100	68	14	21	110
n-Propylbenzene	3370	TBD		< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 2	< 1	< 1	< 1	< 1	< 1
Toluene	16800	TBD		5	7	3	4	2	2	20	9	2	2	5	3	6	4	3	2	2
Xylenes, Total	337	TBD		7	11	3	6	8	10	43	20	< 0.9	< 0.9	17	10	13	9	< 0.9	< 0.9	10

Notes:  
 All data shown in micrograms per cubic meter (µg/m³)  
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2018, Quarter 2 - Air Sampling Results  
 Quanta Resources Corporation Superfund Site, OU1  
 Edgewater, New Jersey

Analyte	Sample Type	Risk Screening Level	Sample Type	6/1/2018						6/4/2018						6/5/2018						
				FD01		FD02		FD06		FD01		FD02		FD06		FD01		FD02		FD06		
				10	24	10	24	10	24	10	24	10	24	10	24	10	24	10	24	10	24	
				ESE/2.1 mph/81°F						ENE/2.4 mph/73°F						WSW/4.9 mph/75°F						
10-hour exposure		24-hour exposure		Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Duplicate	Primary	Duplicate	Primary	Primary	Primary	Primary	Primary	Primary	
Total Particulates	N/A	N/A		NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Arsenic	0.037	TBD		NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(a)anthracene	1.43	TBD		NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(a)pyrene	0.143	TBD		NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(b)fluoranthene	1.43	TBD		NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(k)fluoranthene	1.43	TBD		NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chrysene	14.3	TBD		NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Dibenz(a,h)anthracene	0.13	TBD		NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Indeno(1,2,3-cd)pyrene	1.43	TBD		NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,2,4-Trimethylbenzene	23.6	TBD		2	1	<1	2	<1	<1	<1	<1	<1	1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,3,5-Trimethylbenzene	23.6	TBD		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Benzene	20.2	TBD		1	1	0.9	1	1	0.7	<0.6	<0.6	<0.6	0.8	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6
Ethylbenzene	62.9	TBD		<0.9	<0.9	<0.9	<0.9	1	1	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9
Isopropylbenzene	1350	TBD		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Naphthalene	4.62	3.13		22	21	18	4	33	17	2	2	13	10	6	7	<1	3	<1	<1	7	7	<1
n-Propylbenzene	3370	TBD		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Toluene	16800	TBD		3	2	2	2	2	1	<0.8	0.8	<0.8	2	<0.8	1	<0.8	2	<0.8	<0.8	<0.8	<0.8	<0.8
Xylenes, Total	337	TBD		4	4	<0.9	3	7	9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9

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2018, Quarter 2 - Air Sampling Results  
 Quanta Resources Corporation Superfund Site, OU1  
 Edgewater, New Jersey

Analyte	Sample Type	Risk Screening Level	Sample Type	6/6/2018						6/7/2018						6/8/2018					
				FD01		FD02		FD06		FD01		FD02*	FD06		FD01		FD02		FD06		
				10	24	10	24	10	24	10	24	10	10	24	10	24	10	24	10	24	
				Average Wind Dir/Speed/Temp																	
E/2.7 mph/71°F																					
S/4.1 mph/81°F																					
10-hour exposure		24-hour exposure		Primary	Primary	Primary	Primary	Primary	Primary	Duplicate	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary			
Total Particulates	N/A	N/A		NS	NS	NS	NS	NS	NS	<51	55	NS	NS	<51	NS	NS	NS	NS	NS		
Arsenic	0.037	TBD		NS	NS	NS	NS	NS	NS	<0.026	<0.025	NS	NS	<0.025	NS	NS	NS	NS	NS		
Benzo(a)anthracene	1.43	TBD		NS	NS	NS	NS	NS	NS	<0.082	NS	NS	NS	<0.079	NS	NS	NS	NS	NS		
Benzo(a)pyrene	0.143	TBD		NS	NS	NS	NS	NS	NS	<0.082	NS	NS	NS	<0.079	NS	NS	NS	NS	NS		
Benzo(b)fluoranthene	1.43	TBD		NS	NS	NS	NS	NS	NS	<0.082	NS	NS	NS	<0.079	NS	NS	NS	NS	NS		
Benzo(k)fluoranthene	1.43	TBD		NS	NS	NS	NS	NS	NS	<0.082	NS	NS	NS	<0.079	NS	NS	NS	NS	NS		
Chrysene	14.3	TBD		NS	NS	NS	NS	NS	NS	<0.082	NS	NS	NS	<0.079	NS	NS	NS	NS	NS		
Dibenz(a,h)anthracene	0.13	TBD		NS	NS	NS	NS	NS	NS	<0.082	NS	NS	NS	<0.079	NS	NS	NS	NS	NS		
Indeno(1,2,3-cd)pyrene	1.43	TBD		NS	NS	NS	NS	NS	NS	<0.082	NS	NS	NS	<0.079	NS	NS	NS	NS	NS		
1,2,4-Trimethylbenzene	23.6	TBD		<1	<1	<1	<1	<1	<1	NS	<1	<2	<1	<1	5	2	<1	<1	<1		
1,3,5-Trimethylbenzene	23.6	TBD		<1	<1	<1	<1	<1	<1	NS	<1	<2	<1	<1	2	<1	<1	<1	<1		
Benzene	20.2	TBD		<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	NS	<0.6	<1	<0.6	<0.6	3	2	<0.6	0.7	<0.6		
Ethylbenzene	62.9	TBD		<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	NS	<0.9	<2	<0.9	<0.9	3	2	<0.9	<0.9	<0.9		
Isopropylbenzene	1350	TBD		<1	<1	<1	<1	<1	<1	NS	<1	<2	<1	<1	<1	<1	<1	<1	<1		
Naphthalene	4.62	3.13		5	4	4	8	9	5	NS	4	2	<1	2	89	29	3	9	<1		
n-Propylbenzene	3370	TBD		<1	<1	<1	<1	<1	<1	NS	<1	<2	<1	<1	<1	<1	<1	<1	<1		
Toluene	16800	TBD		<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	NS	<0.8	<1	<0.8	<0.8	6	3	<0.8	2	1		
Xylenes, Total	337	TBD		<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	NS	<0.9	<2	<0.9	<0.9	11	6	<0.9	<0.9	<0.9		

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2018, Quarter 2 - Air Sampling Results  
 Quanta Resources Corporation Superfund Site, OU1  
 Edgewater, New Jersey

Analyte	Sample Type	Risk Screening Level	6/11/2018									6/12/2018						6/13/2018								
			FD01			FD02			FD06			FD01		FD02		FD06		FD01		FD02		FD06				
			10	24		10	24		10	24		10	24		10	24		10	24		10	24		10	24	
			ESE/3.4 mph/75°F									S/5.5 mph/75°F						S/2.8 mph/76°F								
Sample Exposure Time		Sample Type		Primary	Primary	Primary	Primary	Primary	Duplicate	Primary	Duplicate	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary		
Average Wind Dir/Speed/Temp				ESE/3.4 mph/75°F									S/5.5 mph/75°F						S/2.8 mph/76°F							
10-hour exposure		24-hour exposure																								
Total Particulates	N/A	N/A	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS		
Arsenic	0.037	TBD	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS		
Benzo(a)anthracene	1.43	TBD	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS		
Benzo(a)pyrene	0.143	TBD	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS		
Benzo(b)fluoranthene	1.43	TBD	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS		
Benzo(k)fluoranthene	1.43	TBD	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS		
Chrysene	14.3	TBD	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS		
Dibenz(a,h)anthracene	0.13	TBD	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS		
Indeno(1,2,3-cd)pyrene	1.43	TBD	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS		
1,2,4-Trimethylbenzene	23.6	TBD	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1		
1,3,5-Trimethylbenzene	23.6	TBD	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1		
Benzene	20.2	TBD	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6		
Ethylbenzene	62.9	TBD	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9		
Isopropylbenzene	1350	TBD	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1		
Naphthalene	4.62	3.13	6	2	4	6	8	5	<1	3	3	2	6	5	<1	<1	<1	<1	<1	4	2	<1	<1	<1		
n-Propylbenzene	3370	TBD	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1		
Toluene	16800	TBD	<0.8	0.8	<0.8	1	<0.8	<0.8	<0.8	0.8	<0.8	<0.8	1	<0.8	<0.8	0.8	0.8	1	0.8	<0.8	0.8	<0.8	<0.8	<0.8		
Xylenes, Total	337	TBD	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9		

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2018, Quarter 2 - Air Sampling Results  
 Quanta Resources Corporation Superfund Site, OU1  
 Edgewater, New Jersey

Analyte	Sample Type	Risk Screening Level	6/14/2018						6/15/2018					
			FD01		FD02		FD06		FD01		FD02		FD06	
			10	24	10	24	10	24	10	24	10	24	10	24
			Average Wind Dir/Speed/Temp											
WNN/6.4 mph/85°F														
NE/3.7 mph/77°F														
Sample Type		Sample Type	Primary	Primary	Primary	Primary	Primary	Duplicate	Primary	Primary	Primary	Primary	Primary	Primary
10-hour exposure		24-hour exposure												
Total Particulates	N/A	N/A	< 56	NS	NS	NS	NS	< 52	NS	NS	NS	NS	NS	NS
Arsenic	0.037	TBD	< 0.025	NS	NS	NS	NS	< 0.026	NS	NS	NS	NS	NS	NS
Benzo(a)anthracene	1.43	TBD	< 0.08	NS	NS	NS	NS	< 0.085	< 0.082	NS	NS	NS	NS	NS
Benzo(a)pyrene	0.143	TBD	< 0.08	NS	NS	NS	NS	< 0.085	< 0.082	NS	NS	NS	NS	NS
Benzo(b)fluoranthene	1.43	TBD	< 0.08	NS	NS	NS	NS	< 0.085	< 0.082	NS	NS	NS	NS	NS
Benzo(k)fluoranthene	1.43	TBD	< 0.08	NS	NS	NS	NS	< 0.085	< 0.082	NS	NS	NS	NS	NS
Chrysene	14.3	TBD	< 0.08	NS	NS	NS	NS	< 0.085	< 0.082	NS	NS	NS	NS	NS
Dibenz(a,h)anthracene	0.13	TBD	< 0.08	NS	NS	NS	NS	< 0.085	< 0.082	NS	NS	NS	NS	NS
Indeno(1,2,3-cd)pyrene	1.43	TBD	< 0.08	NS	NS	NS	NS	< 0.085	< 0.082	NS	NS	NS	NS	NS
1,2,4-Trimethylbenzene	23.6	TBD	< 1	< 1	< 1	< 1	< 1	NS	< 1	< 1	< 1	< 1	< 1	< 1
1,3,5-Trimethylbenzene	23.6	TBD	< 1	< 1	< 1	< 1	< 1	NS	< 1	< 1	< 1	< 1	< 1	< 1
Benzene	20.2	TBD	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	NS	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6
Ethylbenzene	62.9	TBD	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	NS	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9
Isopropylbenzene	1350	TBD	< 1	< 1	< 1	< 1	< 1	NS	< 1	< 1	< 1	< 1	< 1	< 1
Naphthalene	4.62	3.13	< 1	< 1	4	4	< 1	NS	< 1	5	2	< 1	7	6
n-Propylbenzene	3370	TBD	< 1	< 1	< 1	< 1	< 1	NS	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	16800	TBD	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	NS	< 0.8	< 0.8	1	< 0.8	1	< 0.8
Xylenes, Total	337	TBD	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	NS	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9

Notes:  
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2018, Quarter 2 - Air Sampling Results  
 Quanta Resources Corporation Superfund Site, OU1  
 Edgewater, New Jersey

Analyte	Sample Type	Risk Screening Level	6/18/2018						6/19/2018						6/20/2018								
			FD01		FD02		FD06		FD01		FD02		FD06		FD01		FD02		FD06				
			10	24	10	24	10	24	10	24	10	24	10	24	10	24	10	24	10	24			
			S/4.5 mph/94°F						N/3.9 mph/91°F						SE/3.5 mph/82°F								
Sample Date		Location ID		Sample Exposure Time		Average Wind Dir/Speed/Temp		Sample Date		Location ID		Sample Exposure Time		Average Wind Dir/Speed/Temp		Sample Date		Location ID		Sample Exposure Time		Average Wind Dir/Speed/Temp	
Sample Type		Sample Type		Primary	Primary	Primary	Duplicate	Primary	Duplicate	Primary	Primary	Primary	Primary	Primary	Duplicate	Primary	Duplicate	Primary	Primary	Primary	Primary	Primary	Primary
10-hour exposure		24-hour exposure																					
Total Particulates	N/A	N/A	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Arsenic	0.037	TBD	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(a)anthracene	1.43	TBD	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(a)pyrene	0.143	TBD	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(b)fluoranthene	1.43	TBD	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(k)fluoranthene	1.43	TBD	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chrysene	14.3	TBD	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Dibenz(a,h)anthracene	0.13	TBD	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Indeno(1,2,3-cd)pyrene	1.43	TBD	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,2,4-Trimethylbenzene	23.6	TBD	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	2	1	<1	<1
1,3,5-Trimethylbenzene	23.6	TBD	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Benzene	20.2	TBD	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	0.9	0.8	<0.6	<0.6	<0.6
Ethylbenzene	62.9	TBD	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	2	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	1	<0.9	<0.9	<0.9	<0.9
Isopropylbenzene	1350	TBD	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Naphthalene	4.62	3.13	1	<1	5	4	3	<1	<1	<1	2	<1	2	3	2	3	3	3	33	20	9	7	2
n-Propylbenzene	3370	TBD	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Toluene	16800	TBD	<0.8	<0.8	<0.8	0.9	<0.8	0.9	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	2	1	0.9	1	0.9
Xylenes, Total	337	TBD	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	10	<0.9	<0.9	<0.9	<0.9	4	4	<0.9	4	4	<0.9	<0.9	<0.9	4

Notes:  
 All data shown in micrograms per cubic meter (µg/m³)  
 n/a = not applicable. Weather data were not collected April 2, 2018 due to construction activities.

\* Associated sample (e.g., alternate sample exposure time or duplicate) not analyzed due to equipment malfunction  
 \*\*Sample collection completed fast, additional canisters deployed to complete the planned exposure time.

> - 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 10 hours per day for 1.5 year.

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

NS = not sampled / data not yet available.

2018, Quarter 2 - Air Sampling Results  
 Quanta Resources Corporation Superfund Site, OU1  
 Edgewater, New Jersey

Analyte	Sample Type	Risk Screening Level	6/21/2018								6/22/2018						6/25/2018					
			FD01		FD02		FD06		FD01		FD02		FD06		FD01		FD02		FD06			
			10	24	10	24	10	24	10	24	10	24	10	24	10	24	10	24	10	24		
			E/2.6 mph/87°F								ESE/3.8 mph/75°F						N/3.9 mph/84°F					
Sample Type		Sample Type		Primary	Duplicate	Primary	Duplicate	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	
10-hour exposure		24-hour exposure																				
Total Particulates	N/A	N/A		<52	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Arsenic	0.037	TBD		< 0.026	NS	NS	NS	NS	NS	< 0.026	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Benzo(a)anthracene	1.43	TBD		< 0.082	NS	< 0.086	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Benzo(a)pyrene	0.143	TBD		< 0.082	NS	< 0.086	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Benzo(b)fluoranthene	1.43	TBD		< 0.082	NS	< 0.086	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Benzo(k)fluoranthene	1.43	TBD		< 0.082	NS	< 0.086	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Chrysene	14.3	TBD		< 0.082	NS	< 0.086	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Dibenz(a,h)anthracene	0.13	TBD		< 0.082	NS	< 0.086	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
Indeno(1,2,3-cd)pyrene	1.43	TBD		< 0.082	NS	< 0.086	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
1,2,4-Trimethylbenzene	23.6	TBD		< 1	< 1	< 1	< 2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	
1,3,5-Trimethylbenzene	23.6	TBD		< 1	< 1	< 1	< 2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	
Benzene	20.2	TBD		< 0.6	< 0.6	< 0.6	< 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	< 0.6	
Ethylbenzene	62.9	TBD		< 0.9	< 0.9	< 0.9	< 1	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	
Isopropylbenzene	1350	TBD		< 1	< 1	< 1	< 2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	
Naphthalene	4.62	3.13		6	9	7	4	2	2	3	3	12	4	< 1	< 1	3	2	< 1	< 1	4	3	
n-Propylbenzene	3370	TBD		< 1	< 1	< 1	< 2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	
Toluene	16800	TBD		< 0.8	< 0.8	0.8	< 1	< 0.8	< 0.8	< 0.8	< 0.8	1	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	
Xylenes, Total	337	TBD		< 0.87	< 0.87	1	< 1	< 0.9	1	5	5	1	< 0.9	< 0.9	< 0.9	2	1	< 0.9	< 0.9	< 0.9	1	

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

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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 10 hours per day for 1.5 year.

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

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2018, Quarter 2 - Air Sampling Results  
 Quanta Resources Corporation Superfund Site, OU1  
 Edgewater, New Jersey

Analyte	Sample Type	Risk Screening Level	Sample Type	6/26/2018								6/27/2018							
				FD01		FD02		FD06				FD01		FD02		FD06			
				10	24	10	24	10		24		10***		24	10	24	10	24	
				Average Wind Dir/Speed/Temp				SE/4.9 mph/79°F								S/5.1 mph/74°F			
10-hour exposure		24-hour exposure		Primary	Primary	Primary	Primary	Primary	Duplicate	Primary	Duplicate	Primary	Primary	Primary	Primary	Primary	Primary	Primary	
Total Particulates	N/A	N/A		< 50	NS	NS	NS	NS	< 51	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Arsenic	0.037	TBD		< 0.025	NS	NS	NS	NS	< 0.025	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(a)anthracene	1.43	TBD		< 0.082	NS	NS	NS	NS	< 0.082	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(a)pyrene	0.143	TBD		< 0.082	NS	NS	NS	NS	< 0.082	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(b)fluoranthene	1.43	TBD		< 0.082	NS	NS	NS	NS	< 0.082	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(k)fluoranthene	1.43	TBD		< 0.082	NS	NS	NS	NS	< 0.082	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chrysene	14.3	TBD		< 0.082	NS	NS	NS	NS	< 0.082	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Dibenz(a,h)anthracene	0.13	TBD		< 0.082	NS	NS	NS	NS	< 0.082	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Indeno(1,2,3-cd)pyrene	1.43	TBD		< 0.082	NS	NS	NS	NS	< 0.082	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,2,4-Trimethylbenzene	23.6	TBD		< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,3,5-Trimethylbenzene	23.6	TBD		< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Benzene	20.2	TBD		< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6
Ethylbenzene	62.9	TBD		< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9
Isopropylbenzene	1350	TBD		< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Naphthalene	4.62	3.13		3	1	1	< 1	4	5	2	2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
n-Propylbenzene	3370	TBD		< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	16800	TBD		1	0.8	1	0.8	0.9	1	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8
Xylenes, Total	337	TBD		1	< 0.9	< 0.9	1	2	3	2	2	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	2

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

\* Associated sample (e.g., alternate sample exposure time or duplicate) not analyzed due to equipment malfunction  
 \*\*Sample collection completed fast, additional canisters deployed to complete the planned exposure time.

> - 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 10 hours per day for 1.5 year.

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2018, Quarter 2 - Air Sampling Results  
 Quanta Resources Corporation Superfund Site, OU1  
 Edgewater, New Jersey

Analyte	Sample Type	Risk Screening Level	Sample Type	6/28/2018						6/29/2018							
				FD01		FD02		FD06		FD01		FD02		FD06			
				10	24	10	24	10	24	10	24	10	24	10	24		
				SSW/3.7 mph/84°F						WNW/4.0 mph/92°F							
10-hour exposure		24-hour exposure		Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Duplicate	Primary	Duplicate	
Total Particulates	N/A	N/A	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Arsenic	0.037	TBD	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(a)anthracene	1.43	TBD	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(a)pyrene	0.143	TBD	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(b)fluoranthene	1.43	TBD	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(k)fluoranthene	1.43	TBD	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chrysene	14.3	TBD	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Dibenz(a,h)anthracene	0.13	TBD	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Indeno(1,2,3-cd)pyrene	1.43	TBD	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,2,4-Trimethylbenzene	23.6	TBD	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,3,5-Trimethylbenzene	23.6	TBD	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Benzene	20.2	TBD	<0.6	<0.6	<0.6	0.7	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6
Ethylbenzene	62.9	TBD	<0.9	<0.9	<0.9	<0.9	2	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9
Isopropylbenzene	1350	TBD	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Naphthalene	4.62	3.13	<1	<1	<1	<1	<1	<1	<1	<1	2	1	<1	<1	<1	<1	<1
n-Propylbenzene	3370	TBD	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Toluene	16800	TBD	<0.8	1	<0.8	1	<0.8	0.8	<0.8	<0.8	1	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8
Xylenes, Total	337	TBD	<0.9	<0.9	<0.9	1	4	11	<1	<1	<0.9	<0.9	4	4	5	4	4

Notes:  
 All data shown in micrograms per cubic meter (µg/m³)  
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2018, Quarter 3 - Air Sampling Results  
 Quanta Resources Corporation Superfund Site, OU1  
 Edgewater, New Jersey

Analyte	Sample Type	Risk Screening Level	7/2/2018						7/3/2018						7/5/2018						
			FD01		FD02		FD06		FD01		FD02		FD06		FD01		FD02		FD06		
			10	24	10	24	10	24	10	24	10	24	10	24	10	24	10	24	10	24	
			SE/4.3 mph/94°F						ESE/2.2 mph/94°F						SSE/5.6 mph/90°F						
Sample Exposure Time		Sample Type		Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Duplicate	Primary	Duplicate	Primary	Primary	Primary	Primary	Primary	Primary
Average Wind Dir/Speed/Temp		Sample Type		Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Duplicate	Primary	Duplicate	Primary	Primary	Primary	Primary	Primary	Primary
10-hour exposure		24-hour exposure																			
Total Particulates	N/A	N/A	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	60	NS	NS	NS	< 51	NS
Arsenic	0.037	TBD	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 0.026	NS	NS	NS	< 0.026	NS
Benzo(a)anthracene	1.43	TBD	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 0.084	NS	NS	NS	< 0.083	NS
Benzo(a)pyrene	0.143	TBD	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 0.084	NS	NS	NS	< 0.083	NS
Benzo(b)fluoranthene	1.43	TBD	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 0.084	NS	NS	NS	< 0.083	NS
Benzo(k)fluoranthene	1.43	TBD	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 0.084	NS	NS	NS	< 0.083	NS
Chrysene	14.3	TBD	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 0.084	NS	NS	NS	< 0.083	NS
Dibenz(a,h)anthracene	0.13	TBD	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 0.084	NS	NS	NS	< 0.083	NS
Indeno(1,2,3-cd)pyrene	1.43	TBD	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 0.084	NS	NS	NS	< 0.083	NS
1,2,4-Trimethylbenzene	23.6	TBD	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,3,5-Trimethylbenzene	23.6	TBD	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Benzene	20.2	TBD	0.7	0.7	0.8	0.7	0.7	0.6	< 0.6	< 0.6	0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6
Ethylbenzene	62.9	TBD	< 0.9	< 0.9	< 0.9	< 0.9	2	3	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	1	2	2	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9
Isopropylbenzene	1350	TBD	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Naphthalene	4.62	3.13	< 1	< 1	< 1	< 1	2	3	< 1	< 1	< 1	< 1	1	2	< 1	1	< 1	< 1	< 1	< 1	< 1
n-Propylbenzene	3370	TBD	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	16800	TBD	2	2	2	2	2	3	2	2	2	2	2	1	1	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8
Xylenes, Total	337	TBD	< 0.9	< 0.9	< 0.9	< 0.9	11	17	< 0.9	< 0.9	< 0.9	< 0.9	9	9	10	10	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9

Notes:  
 All data shown in micrograms per cubic meter (µg/m³)  
 n/a = not applicable. Weather data were not collected April 2, 2018 due to construction activities.

\* Associated sample (e.g., alternate sample exposure time or duplicate) not analyzed due to equipment malfunction  
 \*\*Sample collection completed fast; additional canisters deployed to complete the planned exposure time.

> - 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 10 hours per day for 1.5 year.

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

NS = not sampled / data not yet available.

2018, Quarter 3 - Air Sampling Results

Quanta Resources Corporation Superfund Site, OU1  
Edgewater, New Jersey

	Sample Date		7/6/2018					
	Location ID		FD01		FD02		FD06	
	Sample Exposure Time		10	24	10	24	10	24
	Average Wind Dir/Speed/Temp		WSW/3.3 mph/83°F					
Analyte	Sample Type	Sample Type	Primary	Primary	Primary	Primary	Primary	Primary
	Risk Screening Level							
	10-hour exposure	24-hour exposure						
Total Particulates	N/A	N/A	NS	NS	NS	NS	NS	NS
Arsenic	0.037	TBD	NS	NS	NS	NS	NS	NS
Benzo(a)anthracene	1.43	TBD	NS	NS	NS	NS	NS	NS
Benzo(a)pyrene	0.143	TBD	NS	NS	NS	NS	NS	NS
Benzo(b)fluoranthene	1.43	TBD	NS	NS	NS	NS	NS	NS
Benzo(k)fluoranthene	1.43	TBD	NS	NS	NS	NS	NS	NS
Chrysene	14.3	TBD	NS	NS	NS	NS	NS	NS
Dibenz(a,h)anthracene	0.13	TBD	NS	NS	NS	NS	NS	NS
Indeno(1,2,3-cd)pyrene	1.43	TBD	NS	NS	NS	NS	NS	NS
1,2,4-Trimethylbenzene	23.6	TBD	< 1	< 1	< 1	< 1	< 1	< 1
1,3,5-Trimethylbenzene	23.6	TBD	< 1	< 1	< 1	< 1	< 1	< 1
Benzene	20.2	TBD	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6
Ethylbenzene	62.9	TBD	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9
Isopropylbenzene	1350	TBD	< 1	< 1	< 1	< 1	< 1	< 1
Naphthalene	4.62	3.13	< 1	< 1	< 1	< 1	< 1	< 1
n-Propylbenzene	3370	TBD	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	16800	TBD	0.8	< 0.8	0.8	< 0.8	0.9	< 0.8
Xylenes, Total	337	TBD	< 0.9	< 0.9	< 0.9	< 0.9	5	< 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 April 2, 2018 due to construction activities.

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