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

	Sample Date	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	Primary	Duplicate	Primary	Primary
Analyte	**Risk Screening Level**														
	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
Benz(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-Trimethybenzene	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 ($\mu g/m^3$)

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.

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

	Sample Date	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	Sample Type	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Duplicate	Primary	Primary	Primary
Analyte	**Risk Screening Level**															
	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
Benz(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-Trimethybenzene	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	0.7	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

> - below analytical reporting limit (shown).

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

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

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

	Sample Date	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
Analyte	**Risk Screening Level**															
	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
Benz(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	< 1	< 2	1	< 1
1,3,5-Trimethybenzene	23.6	TBD	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	1	< 1	< 1	< 1	< 2	< 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	< 1	< 2	< 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	< 1	< 2	< 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:

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

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

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

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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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2017 - Air Sampling Results

Quanta Resources Corporation Superfund Site, OU1

Edgewater, New Jersey

	Sample Date	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	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
Analyte	**Risk Screening Level**																
	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-Trimethybenzene	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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2017 - Air Sampling Results

Quanta Resources Corporation Superfund Site, OU1

Edgewater, New Jersey

	Sample Date	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	Sample Type	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Duplicate	Primary	Primary	Primary	Primary	Primary	Duplicate
Analyte	**Risk Screening Level**														
	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	NS	NS
Arsenic	0.037 / TBD	NS	NS	< 0.021	< 0.021	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benz(a)anthracene	1.43 / TBD	NS	NS	< 0.066	< 0.066	NS	NS	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	NS	NS
Benzo(b)fluoranthene	1.43 / TBD	NS	NS	< 0.066	< 0.066	NS	NS	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	NS	NS
Chrysene	14.3 / TBD	NS	NS	< 0.066	< 0.066	NS	NS	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	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	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-Trimethybenzene	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 ($\mu g/m^3$)

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.

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

	Sample Date	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
	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	Sample Type	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Duplicate	Primary	Primary	Primary	Primary	Primary
Analyte	**Risk Screening Level**																	
	Commercial/ Industrial (i.e., 10-hour exposure)	**Residential (i.e., 24-hour exposure)**																
Total Particulates	N/A	N/A	< 49	< 48	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 51	58	NS	NS
Arsenic	0.037	TBD	< 0.024	< 0.024	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 0.025	< 0.025	NS	NS
Benz(a)anthracene	1.43	TBD	< 0.08	< 0.076	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 0.076	< 0.078	NS	NS
Benzo(a)pyrene	0.143	TBD	< 0.08	< 0.076	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 0.076	< 0.078	NS	NS
Benzo(b)fluoranthene	1.43	TBD	< 0.08	< 0.076	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 0.076	< 0.078	NS	NS
Benzo(k)fluoranthene	1.43	TBD	< 0.08	< 0.076	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 0.076	< 0.078	NS	NS
Chrysene	14.3	TBD	< 0.08	< 0.076	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 0.076	< 0.078	NS	NS
Dibenz(a,h)anthracene	0.13	TBD	< 0.08	< 0.076	NS	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	< 0.08	< 0.076	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 0.076	< 0.078	NS	NS
1,2,4-Trimethylbenzene	23.6	TBD	< 1	8	< 1	5	< 1	3	2	9	7	4	3	2	5	< 1	2	2	3
1,3,5-Trimethybenzene	23.6	TBD	< 1	4	< 1	3	< 1	1	< 1	5	3	2	1	1	3	< 1	< 1	< 1	2
Benzene	20.2	TBD	< 0.6	3	0.7	2	< 0.6	1	1	3	2	2	1	1	2	< 0.6	< 0.6	0.9	1
Ethylbenzene	62.9	TBD	< 0.9	5	< 0.9	3	< 0.9	2	1	3	4	2	1	1	2	< 0.9	1	1	2
Isopropylbenzene	1350	TBD	< 1	2	< 1	1	< 1	< 1	< 1	1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Naphthalene	4.62	3.13	3	210	6	110	1	89	68	190	120	68	63	63	140	4	35	52	49
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	7	1	5	1	2	3	6	6	5	3	3	3	0.9	2	2	3
Xylenes, Total	337	TBD	< 0.9	22	1	14	< 0.9	5	5	16	16	8	5	5	9	< 0.9	4	4	8

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 ($\mu g/m^3$)

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.

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

	Sample Date	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	
	Sample Exposure Time	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	Primary	Primary	Primary	Primary	Primary	Duplicate	Primary	Primary	Duplicate	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Duplicate
Analyte	**Risk Screening Level**																	
	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	160	NS	49	NS	NS	NS	NS	NS	NS	NS
Arsenic	0.037	TBD	NS	NS	NS	NS	NS	NS	NS	< 0.024	NS	< 0.025	NS	NS	NS	NS	NS	NS	NS
Benz(a)anthracene	1.43	TBD	NS	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	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	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	NS	< 0.078	< 0.081	< 0.078	NS	NS	NS	NS	NS	NS	NS
Chrysene	14.3	TBD	NS	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	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	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
1,3,5-Trimethybenzene	23.6	TBD	< 1	1	1	2	< 1	< 1	< 1	3	NS	< 1	< 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	< 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	< 0.9
Isopropylbenzene	1350	TBD	< 1	< 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	11
n-Propylbenzene	3370	TBD	< 1	< 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	1
Xylenes, Total	337	TBD	3	5	6	5	4	3	2	22	NS	3	4	4	5	1	2	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 ($\mu g/m^3$)

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

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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.

NS = not sampled / data not yet available.

2017 - Air Sampling Results

Quanta Resources Corporation Superfund Site, OU1

Edgewater, New Jersey

	Sample Date	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	Sample Type	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Duplicate	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Analyte	**Risk Screening Level**																			
	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
Benz(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-Trimethybenzene	23.6	TBD	< 1	< 1	< 1	5	1	< 1	< 1	< 1	1	1	1	< 1	1	2	< 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 ($\mu g/m^3$)

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

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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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2017 - Air Sampling Results

Quanta Resources Corporation Superfund Site, OU1

Edgewater, New Jersey

	Sample Date	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
	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	Primary	Duplicate	Primary	Primary	Primary
Analyte	**Risk Screening Level**																		
	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	NS
Arsenic	0.037 / TBD	NS	NS	NS	NS	< 0.026	< 0.025	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	< 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	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	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	NS	< 0.084	< 0.082
Chrysene	14.3 / TBD	NS	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	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	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	< 1	4	1	< 1
1,3,5-Trimethybenzene	23.6 / TBD	1	< 1	< 1	2	< 1	< 1	< 1	< 1	2	< 1	< 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	0.9
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	< 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	89	27	14	110	5	1	36	34	130	< 1	3	< 1	4	3	3	94	30	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	1	1	3	11	1	2	3	3	8	3	0.8	2	0.9	5	5	9	2	2
Xylenes, Total	337 / TBD	5	3	3	18	1	0.9	4	4	16	< 0.9	1	1	1	3	3	16	2	3

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 ($\mu g/m^3$)

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.

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

	Sample Date	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
	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	Sample Type	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Duplicate	Primary	Primary	Primary	Primary	Primary	Primary	Duplicate	Primary	Primary	Primary
Analyte	**Risk Screening Level**																				
	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	< 51	NS	< 51	NS	NS	NS	NS	NS	NS	NS	< 52	< 52
Arsenic	0.037 / TBD	NS	NS	NS	NS	NS	NS	NS	NS	< 0.026	NS	< 0.025	NS	NS	NS	NS	NS	NS	NS	< 0.026	< 0.026
Benz(a)anthracene	1.43 / TBD	NS	NS	NS	NS	NS	NS	NS	NS	< 0.082	< 0.082	< 0.081	NS	NS	NS	NS	NS	NS	NS	< 0.083	< 0.084
Benzo(a)pyrene	0.143 / TBD	NS	NS	NS	NS	NS	NS	NS	NS	< 0.082	< 0.082	< 0.081	NS	NS	NS	NS	NS	NS	NS	< 0.083	< 0.084
Benzo(b)fluoranthene	1.43 / TBD	NS	NS	NS	NS	NS	NS	NS	NS	< 0.082	< 0.082	< 0.081	NS	NS	NS	NS	NS	NS	NS	< 0.083	< 0.084
Benzo(k)fluoranthene	1.43 / TBD	NS	NS	NS	NS	NS	NS	NS	NS	< 0.082	< 0.082	< 0.081	NS	NS	NS	NS	NS	NS	NS	< 0.083	< 0.084
Chrysene	14.3 / TBD	NS	NS	NS	NS	NS	NS	NS	NS	< 0.082	< 0.082	< 0.081	NS	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	< 0.082	< 0.082	< 0.081	NS	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	< 0.082	< 0.082	< 0.081	NS	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	3	NS	4	< 1	< 1	< 1	4	2	1	5	1	< 1
1,3,5-Trimethybenzene	23.6 / TBD	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	2	NS	2	< 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	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
Isopropylbenzene	1350 / TBD	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	NS	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
Toluene	16800 / TBD	2	3	4	3	2	2	2	3	3	NS	6	3	3	2	6	4	4	6	2	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 ($\mu g/m^3$)

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.

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

	Sample Date	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		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
	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	Sample Type	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Duplicate	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Duplicate	Primary	Primary	Primary
Analyte	**Risk Screening Level**																				
	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-Trimethybenzene	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 ($\mu g/m^3$)

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.

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

	Sample Date	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
	Sample Exposure Time	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	Primary	Primary	Primary	Primary	Primary	Primary	Duplicate	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Duplicate	Primary	Primary	Duplicate	Primary	Primary
Analyte	**Risk Screening Level**																					
	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	NS	57	< 45	NS	NS	NS	NS	NS	NS
Arsenic	0.037	TBD	NS	NS	< 0.022	< 0.022	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 0.023	< 0.022	NS	NS	NS	NS	NS	NS
Benz(a)anthracene	1.43	TBD	NS	NS	< 0.07	< 0.069	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 0.074	< 0.072	< 0.072	NS	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	NS	< 0.074	< 0.072	< 0.072	NS	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	NS	< 0.074	< 0.072	< 0.072	NS	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	NS	< 0.074	< 0.072	< 0.072	NS	NS	NS	NS	NS
Chrysene	14.3	TBD	NS	NS	< 0.07	< 0.069	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 0.074	< 0.072	< 0.072	NS	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	NS	< 0.074	< 0.072	< 0.072	NS	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	NS	< 0.074	< 0.072	< 0.072	NS	NS	NS	NS	NS
1,2,4-Trimethylbenzene	23.6	TBD	1	1	26	1	< 1	< 1	< 1	< 1	< 1	1	< 1	1	1	5	NS	< 1	< 1	< 1	< 1	< 1
1,3,5-Trimethybenzene	23.6	TBD	< 1	< 1	12	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	2	NS	< 1	< 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	6
Ethylbenzene	62.9	TBD	1	1	29	< 0.9	< 0.9	< 0.9	1	< 0.9	< 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	11
n-Propylbenzene	3370	TBD	< 1	< 1	1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	NS	< 1	< 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	4
Xylenes, Total	337	TBD	4	4	87	3	1	2	3	2	2	1	4	1	3	3	16	NS	1	3	3	1	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 ($\mu g/m^3$)

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

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

	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	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	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	
Sample Type	Sample Type	Primary	Primary	Duplicate	Primary	Primary	Primary	Primary	Primary	Primary	Duplicate	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Analyte	**Risk Screening Level**																		
	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
Benz(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
1,3,5-Trimethybenzene	23.6 / TBD	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	1	2	2	< 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
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
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	14	12	35	8	18	5	29	< 1	25	19	3	28	100	160	16	6	4	4
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	3	5	5	2	2	2	1	0.9	6	5	2	5	9	6	2	1	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

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 ($\mu g/m^3$)

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

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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.

NS = not sampled / data not yet available.

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

		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	Sample Type	Primary	Primary	Duplicate	Primary	Primary
Analyte	**Risk Screening Level**						
	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
Benz(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-Trimethybenzene	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 ($\mu g/m^3$)

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.

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

	Sample Date		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	Primary	Duplicate	Primary	Primary	Primary
Analyte	**Risk Screening Level**															
	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	NS
Arsenic	0.037	TBD	< 0.026	< 0.026	NS	NS	NS	NS	NS	< 0.026	< 0.026	NS	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	NS
Benzo(a)pyrene	0.143	TBD	< 0.081	< 0.082	NS	NS	NS	NS	NS	< 0.083	< 0.083	NS	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	NS
Benzo(k)fluoranthene	1.43	TBD	< 0.081	< 0.082	NS	NS	NS	NS	NS	< 0.083	< 0.083	NS	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	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	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	NS
1,2,4-Trimethylbenzene	23.6	TBD	< 1	1	< 1	< 1	< 1	< 1	< 1	< 1	1	2	2	< 1	2	2
1,3,5-Trimethybenzene	23.6	TBD	< 1	< 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	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	1
Isopropylbenzene	1350	TBD	< 1	< 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	38
n-Propylbenzene	3370	TBD	< 1	< 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	5
Xylenes, Total	337	TBD	2	4	3	3	3	2	1	2	5	7	7	2	6	5

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)
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.

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

		Sample Date	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	
		Sample Exposure Time	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		WNW/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		
	Sample Type	Sample Type	Primary	Primary	Primary	Primary	Primary	Duplicate	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Duplicate
Analyte	**Risk Screening Level**																					
	Commercial/ Industrial (i.e., 10-hour exposure)	**Residential (i.e., 24-hour exposure)**																				
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-Trimethybenzene	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	6	1	4	5	4	6	4	6	4	3	5	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

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

	Sample Date	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
	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	
Sample Type	Sample Type	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Duplicate	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Analyte	**Risk Screening Level**																			
	Commercial/ Industrial (i.e., 10-hour exposure)	**Residential (i.e., 24-hour exposure)**																		
Total Particulates	N/A	N/A	NS	NS	NS	NS	< 45	< 45	NS	NS	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	NS	NS	< 0.021	< 0.021	NS	NS
Benz(a)anthracene	1.43	TBD	NS	NS	NS	NS	< 0.072	< 0.075	NS	NS	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	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	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	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	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	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	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	1	5	< 1	2	2	
1,3,5-Trimethybenzene	23.6	TBD	< 1	< 1	< 1	< 1	2	< 1	4	< 1	< 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	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	< 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	< 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	2	4	11	1	9	2	
Xylenes, Total	337	TBD	2	5	8	4	20	4	28	3	3	2	1	2	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

	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
	Sample Exposure Time	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	Primary	Primary	Duplicate	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Duplicate	Primary	Primary	Primary	Primary	Primary	Primary
Analyte	**Risk Screening Level**																				
	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	< 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	< 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	< 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	< 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	< 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	< 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	< 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	< 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	< 0.063	< 0.063
1,2,4-Trimethylbenzene	23.6	TBD	< 1	< 1	< 1	6	< 1	NS	< 1	20	2	14	< 1	12	< 1	< 1	9	< 1	< 1	< 1	3	1
1,3,5-Trimethybenzene	23.6	TBD	< 1	< 1	< 1	2	< 1	NS	< 1	7	1	5	< 1	4	< 1	< 1	3	< 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

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

		Sample Date	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
		Sample Exposure Time	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	Sample Type	Primary	Primary	Duplicate	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Duplicate	Primary	Primary	Duplicate	Primary	Primary	Primary	Primary
Analyte	**Risk Screening Level**																				
	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	< 40	< 40	NS	NS	NS	NS	NS	NS	NS	NS
Arsenic	0.037	TBD	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 0.02	< 0.02	NS	NS	NS	NS	NS	NS	NS	NS
Benz(a)anthracene	1.43	TBD	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 0.064	< 0.064	< 0.064	NS	NS	NS	NS	NS	NS	NS
Benzo(a)pyrene	0.143	TBD	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 0.064	< 0.064	< 0.064	NS	NS	NS	NS	NS	NS	NS
Benzo(b)fluoranthene	1.43	TBD	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 0.064	< 0.064	< 0.064	NS	NS	NS	NS	NS	NS	NS
Benzo(k)fluoranthene	1.43	TBD	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 0.064	< 0.064	< 0.064	NS	NS	NS	NS	NS	NS	NS
Chrysene	14.3	TBD	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 0.064	< 0.064	< 0.064	NS	NS	NS	NS	NS	NS	NS
Dibenz(a,h)anthracene	0.13	TBD	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 0.064	< 0.064	< 0.064	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	< 0.064	< 0.064	< 0.064	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
1,3,5-Trimethybenzene	23.6	TBD	< 1	< 1	< 1	< 1	< 1	1	< 1	< 1	< 1	4	< 1	NS	7	< 1	< 1	5	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
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
Isopropylbenzene	1350	TBD	< 1	< 1	< 1	< 1	< 1	1	< 1	< 1	< 1	8	< 1	NS	4	< 1	< 1	3	< 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
n-Propylbenzene	3370	TBD	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	NS	< 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
Xylenes, Total	337	TBD	2	1	2	14	3	16	2	1	1	29	5	NS	69	1	1	43	9	2	< 0.9

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

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

	Sample Date	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	
	Sample Exposure Time	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	Primary	Primary	Primary	Primary	Primary	Primary	Duplicate	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Duplicate
Analyte	**Risk Screening Level**																		
	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
Benz(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	4	4	< 1	2	3	< 1	< 1	1	< 1	< 1	1	2	2
1,3,5-Trimethybenzene	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

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)
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.

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

	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
	Average Wind Dir/Speed/Temp	NW/9.1 mph/36°F						NNW/4.2 mph/40°F													
	Sample Type	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Duplicate	Primary	Duplicate	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Analyte	**Risk Screening Level**																				
	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	< 40	NS	NS	NS	54	NS
Arsenic	0.037	TBD	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	0.022	NS	NS	NS	< 0.021	NS
Benz(a)anthracene	1.43	TBD	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	< 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	< 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	< 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	< 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	< 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	< 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	< 1	< 1
1,3,5-Trimethybenzene	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

Notes:
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All data shown in micrograms per cubic meter (µg/m3)
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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2018, Quarter 1 - Air Sampling Results
Quanta Resources Corporation Superfund Site, OU1
Edgewater, New Jersey

	Sample Date	3/23/2018						3/26/2018				3/27/2018							
	Location ID	FD01		FD02		FD06		FD01*	FD02*	FD06		FD01		FD02				FD06	
	Sample Exposure Time	10	24	10	24	10	24	24	24	10	24	10	24	10		24		10	24
	Average Wind Dir/Speed/Temp	NW/5.3 mph/48°F						ESE/4.0 mph/50°F				SE/3.6 mph/44°F							
	Sample Type	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Duplicate	Primary	Duplicate	Primary	Primary
Analyte	**Risk Screening Level**																		
	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
Arsenic	0.037	TBD	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
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-Trimethybenzene	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

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.

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All data shown in micrograms per cubic meter (µg/m3)
Average wind direction/speed/temperature measured at a sensor on the
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2018, Quarter 1 - Air Sampling Results
Quanta Resources Corporation Superfund Site, OU1
Edgewater, New Jersey

	Sample Date	3/28/2018						3/29/2018						3/30/2018					
	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
	Average Wind Dir/Speed/Temp	S/3.4 mph/49°F						ESE/2.4 mph/52°F						NNW/4.4 mph/60°F					
	Sample Type	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Analyte	**Risk Screening Level**																		
	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	82	NS	NS	NS	41	NS	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	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	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	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	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	NS
Chrysene	14.3	TBD	NS	NS	NS	NS	NS	NS	< 0.066	NS	NS	NS	< 0.066	NS	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	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	NS
1,2,4-Trimethylbenzene	23.6	TBD	10	12	< 1	1	< 1	< 1	5	4	2	2	1	1	4	2	10	5	1	< 1
1,3,5-Trimethybenzene	23.6	TBD	4	5	< 1	< 1	< 1	< 1	2	2	< 1	< 1	< 1	< 1	1	< 1	4	2	< 1	< 1
Benzene	20.2	TBD	5	5	1	1	0.7	1	3	2	3	2	2	1	10	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	< 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	180	200	20	18	22	35	94	73	14	15	44	45	38	15	73	38	19	5
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	15	15	2	3	1	2	7	5	5	4	3	2	14	5	57	24	3	1
Xylenes, Total	337	TBD	30	33	3	4	1	3	13	10	7	5	3	3	14	6	48	21	3	1

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

		Sample Date	4/2/2018								4/3/2018					
		Location ID	FD01		FD02		FD06				FD01		FD02		FD06	
		Sample Exposure Time	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					
	Sample Type	Sample Type	Primary	Primary	Primary	Primary	Primary	Duplicate	Primary	Duplicate	Primary	Primary	Primary	Primary	Primary	Primary
Analyte	**Risk Screening Level**															
	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
Benz(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	< 1	< 1	< 1	2	2	< 1	< 1	< 1	< 1
1,3,5-Trimethybenzene	23.6	TBD	< 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
Ethylbenzene	62.9	TBD	< 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
Naphthalene	4.62	3.13	< 1	3	2	3	5	5	6	6	19	21	4	3	19	21
n-Propylbenzene	3370	TBD	< 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
Xylenes, Total	337	TBD	< 0.9	< 0.9	2	2	2	2	2	2	7	4	4	< 0.9	< 0.9	< 0.9

Notes:
All data shown in micrograms per cubic meter ($\mu g/m^3$)
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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> - 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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NS = not sampled / data not yet available.

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

		Sample Date	4/4/2018						4/5/2018						
		Location ID	FD01		FD02		FD06		FD01		FD02		FD06		
		Sample Exposure Time	10	24	10	24	10	24	10	24	10	24	10		24
		Average Wind Dir/Speed/Temp	N/4.3 mph/55°F						WNW/7.9 mph/45°F						
	Sample Type	Sample Type	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Duplicate	Primary
Analyte	**Risk Screening Level**														
	10-hour exposure	**24-hour exposure**													
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
Benz(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-Trimethybenzene	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 ($\mu g/m^3$)
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

		Sample Date	4/6/2018								4/9/2018							
		Location ID	FD01		FD02		FD06				FD01		FD02				FD06	
		Sample Exposure Time	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
Analyte	**Risk Screening Level**																	
	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
Benz(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-Trimethybenzene	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 ($\mu g/m^3$)
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

	Sample Date	4/10/2018								4/11/2018						
	Location ID	FD01				FD02		FD06		FD01		FD02			FD06	
	Sample Exposure Time	10		24		10	24	10	24	10	24	10		24	10	24
	Average Wind Dir/Speed/Temp	WNW/5.1 mph/50°F								SSE/3.3 mph/49°F						
	Sample Type	Sample Type	Primary	Duplicate	Primary	Duplicate	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Duplicate	Primary*	Primary	Primary
Analyte	**Risk Screening Level**																
	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
Benz(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	2	< 1	< 1	3	2	1	1	2	2	1
1,3,5-Trimethybenzene	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	0.7	0.7	0.8	2	< 0.6	0.7	1	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	< 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	2	1	1	< 1	13	13	3	7	38	30	21	14	15	48	40
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	0.9	1	2	< 0.8	0.9	2	2	2	3	2	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	4	3

Notes:

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

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

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

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

		Sample Date	4/17/2018								4/18/2018							
		Location ID	FD01		FD02		FD06				FD01		FD02				FD06	
		Sample Exposure Time	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	Sample Type	Primary	Primary	Primary	Primary	Primary	Duplicate	Primary	Duplicate	Primary	Primary	Primary	Duplicate	Primary	Duplicate	Primary	Duplicate
Analyte	**Risk Screening Level**																	
	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
Benz(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	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,3,5-Trimethybenzene	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	0.7	0.9	< 0.6	< 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	< 0.9
Isopropylbenzene	1350	TBD	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Naphthalene	4.62	3.13	< 1	< 1	4	2	< 1	< 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	< 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	< 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	< 0.9

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

		Sample Date	4/19/2018								4/20/2018					
		Location ID	FD01				FD02		FD06		FD01		FD02		FD06	
		Sample Exposure Time	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
Analyte	**Risk Screening Level**															
	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
Benz(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	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,3,5-Trimethybenzene	23.6	TBD	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Benzene	20.2	TBD	< 0.6	< 0.6	< 0.6	< 0.6	0.8	< 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	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9
Isopropylbenzene	1350	TBD	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Naphthalene	4.62	3.13	< 1	< 1	< 1	< 1	< 1	< 1	1	< 1	< 1	< 1	3	2	< 1	< 1
n-Propylbenzene	3370	TBD	< 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
Xylenes, Total	337	TBD	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9

Notes:
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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

		Sample Date	4/23/2018						4/24/2018							
		Location ID	FD01		FD02		FD06		FD01		FD02		FD06			
		Sample Exposure Time	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	Sample Type	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Duplicate	Primary	Duplicate
Analyte	**Risk Screening Level**															
	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
Benz(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	< 2	2	1	7	3	3	2	3	1	2	2	2	3
1,3,5-Trimethybenzene	23.6	TBD	< 1	< 2	< 1	< 1	3	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
Ethylbenzene	62.9	TBD	1	< 2	1	1	5	3	1	< 0.9	1	< 0.9	1	1	1	2
Isopropylbenzene	1350	TBD	< 1	< 2	< 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
n-Propylbenzene	3370	TBD	< 1	< 2	< 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
Xylenes, Total	337	TBD	4	< 2	6	5	29	14	5	4	7	< 0.9	6	6	7	7

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

		Sample Date	4/25/2018					4/26/2018						4/27/2018					
		Location ID	FD01		FD02*	FD06		FD01		FD02		FD06		FD01		FD02		FD06	
		Sample Exposure Time	10	24	10	10	24	10	24	10	24	10	24	10	24	10	24	10	24
		Average Wind Dir/Speed/Temp	ESE/5.2 mph/59°F					WNW/6.9 mph/70°F						E/2.8 mph/55°F					
	Sample Type	Sample Type	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Analyte	**Risk Screening Level**																		
	10-hour exposure	**24-hour exposure**																	
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
Benz(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-Trimethybenzene	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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2018, Quarter 2 - Air Sampling Results
Quanta Resources Corporation Superfund Site, OU1
Edgewater, New Jersey

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

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

		Sample Date	5/2/2018						5/3/2018						
		Location ID	FD01		FD02		FD06		FD01		FD02			FD06	
		Sample Exposure Time	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	Primary
Analyte	**Risk Screening Level**														
	10-hour exposure	**24-hour exposure**													
Total Particulates	N/A	N/A	NS	NS	NS	NS	NS	NS	120	NS	NS	NS	NS	62	NS
Arsenic	0.037	TBD	NS	NS	NS	NS	NS	NS	< 0.024	NS	NS	NS	NS	< 0.018	NS
Benz(a)anthracene	1.43	TBD	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	< 0.07	< 0.068	NS	NS	NS	< 0.067	NS
Benzo(b)fluoranthene	1.43	TBD	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	< 0.07	< 0.068	NS	NS	NS	< 0.067	NS
Chrysene	14.3	TBD	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	< 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	< 0.07	< 0.068	NS	NS	NS	< 0.067	NS
1,2,4-Trimethylbenzene	23.6	TBD	8	11	3	< 2	< 1	< 1	12	NS	14	3	5	< 2	3
1,3,5-Trimethybenzene	23.6	TBD	3	4	< 1	< 2	< 1	< 1	5	NS	6	1	2	< 2	1
Benzene	20.2	TBD	4	5	1	< 1	< 0.6	< 0.6	3	NS	7	1	4	< 1	2
Ethylbenzene	62.9	TBD	4	7	1	< 2	< 0.9	< 0.9	5	NS	8	1	3	< 2	3
Isopropylbenzene	1350	TBD	< 1	1	< 1	< 2	< 1	< 1	1	NS	1	< 1	< 1	< 2	< 1
Naphthalene	4.62	3.13	190	190	50	19	< 1	1	250	NS	280	58	89	< 2	27
n-Propylbenzene	3370	TBD	< 1	< 1	< 1	< 2	< 1	< 1	< 1	NS	< 1	< 1	< 1	< 2	< 1
Toluene	16800	TBD	8	12	3	2	0.8	0.9	8	NS	15	3	8	< 2	3
Xylenes, Total	337	TBD	21	30	7	< 2	< 0.9	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

		Sample Date	5/4/2018						5/7/2018							
		Location ID	FD01		FD02		FD06		FD01		FD02		FD06			
		Sample Exposure Time	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	Primary	Duplicate	Primary	Duplicate
Analyte	**Risk Screening Level**															
	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
Benz(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-Trimethybenzene	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

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

		Sample Date	5/8/2018						5/9/2018					
		Location ID	FD01		FD02		FD06		FD01		FD02		FD06	
		Sample Exposure Time	10	24	10	24	10	24	10	24	10	24	10	24
		Average Wind Dir/Speed/Temp	n/a						SE/4.2 mph/73°F					
	Sample Type	Sample Type	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Analyte	**Risk Screening Level**													
	10-hour exposure	**24-hour exposure**												
Total Particulates	N/A	N/A	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
Benz(a)anthracene	1.43	TBD	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
Benzo(b)fluoranthene	1.43	TBD	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
Chrysene	14.3	TBD	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
Indeno(1,2,3-cd)pyrene	1.43	TBD	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
1,2,4-Trimethylbenzene	23.6	TBD	3	3	1	2	< 1	< 1	6	5	3	3	1	1
1,3,5-Trimethybenzene	23.6	TBD	2	1	< 1	1	< 1	< 1	3	2	1	1	< 1	< 1
Benzene	20.2	TBD	2	3	3	3	0.8	0.9	2	2	2	2	0.9	0.8
Ethylbenzene	62.9	TBD	2	2	1	2	< 0.9	0.9	3	3	2	1	< 0.9	< 0.9
Isopropylbenzene	1350	TBD	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Naphthalene	4.62	3.13	68	58	30	35	16	14	130	94	58	52	20	21
n-Propylbenzene	3370	TBD	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	16800	TBD	4	5	4	5	1	2	5	5	5	4	2	2
Xylenes, Total	337	TBD	9	10	5	7	< 0.9	4	14	12	9	7	4	4

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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**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
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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.

NS = not sampled / data not yet available.

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

	Sample Date	5/10/2018							5/11/2018							
	Location ID	FD01		FD02		FD06			FD01		FD02		FD06			
	Sample Exposure Time	10	24	10	24	10	24		10	24	10	24	10		24	
	Average Wind Dir/Speed/Temp	SE/5.2 mph/67°F							NW/5.5 mph/74°F							
Sample Type	Sample Type	Primary	Primary	Primary	Primary	Primary	Primary**		Primary	Primary	Primary	Primary	Primary	Duplicate	Primary	Duplicate
Analyte	**Risk Screening Level**															
	10-hour exposure / **24-hour exposure**															
Total Particulates	N/A / N/A	NS	NS	NS	NS	NS	NS	NS	<47	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
Benz(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	6	4	2	2	< 1	< 1	1	< 1	< 1	< 1	1	< 1	< 1	< 1	< 1
1,3,5-Trimethybenzene	23.6 / TBD	3	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
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
Isopropylbenzene	1350 / TBD	< 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
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
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

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
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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

		Sample Date	5/14/2018						5/15/2018							
		Location ID	FD01		FD02		FD06		FD01		FD02				FD06	
		Sample Exposure Time	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							
	Sample Type	Sample Type	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Duplicate	Primary	Duplicate	Primary	Duplicate
Analyte	**Risk Screening Level**															
	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	< 0.024	NS	NS	NS	NS	NS	< 0.028	NS
Benz(a)anthracene	1.43	TBD	NS	NS	NS	NS	NS	NS	< 0.086	NS	NS	NS	NS	NS	< 0.085	NS
Benzo(a)pyrene	0.143	TBD	NS	NS	NS	NS	NS	NS	< 0.086	NS	NS	NS	NS	NS	< 0.085	NS
Benzo(b)fluoranthene	1.43	TBD	NS	NS	NS	NS	NS	NS	< 0.086	NS	NS	NS	NS	NS	< 0.085	NS
Benzo(k)fluoranthene	1.43	TBD	NS	NS	NS	NS	NS	NS	< 0.086	NS	NS	NS	NS	NS	< 0.085	NS
Chrysene	14.3	TBD	NS	NS	NS	NS	NS	NS	< 0.086	NS	NS	NS	NS	NS	< 0.085	NS
Dibenz(a,h)anthracene	0.13	TBD	NS	NS	NS	NS	NS	NS	< 0.086	NS	NS	NS	NS	NS	< 0.085	NS
Indeno(1,2,3-cd)pyrene	1.43	TBD	NS	NS	NS	NS	NS	NS	< 0.086	NS	NS	NS	NS	NS	< 0.085	NS
1,2,4-Trimethylbenzene	23.6	TBD	< 1	2	< 1	< 1	< 1	< 1	1	< 1	< 1	< 1	< 1	< 2	< 1	< 1
1,3,5-Trimethybenzene	23.6	TBD	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 2	< 1	< 1
Benzene	20.2	TBD	0.8	1	< 0.6	0.8	< 0.6	0.7	0.8	< 0.6	0.6	1	0.7	< 1	< 0.6	< 0.6
Ethylbenzene	62.9	TBD	< 0.9	< 1	< 0.9	< 0.9	< 0.9	1	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 1	< 0.9	< 0.9
Isopropylbenzene	1350	TBD	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 2	< 1	< 1
Naphthalene	4.62	3.13	10	18	5	14	3	14	6	5	7	7	10	3	1	13
n-Propylbenzene	3370	TBD	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 2	< 1	< 1
Toluene	16800	TBD	1	2	1	1	0.8	2	2	0.9	1	2	1	< 1	0.8	< 0.8
Xylenes, Total	337	TBD	< 0.9	< 1	< 0.9	< 0.9	< 0.9	5	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 1	3	4

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

		Sample Date	5/16/2018						5/17/2018						5/18/2018							
		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	10	24	24	10	24	10	24
		Average Wind Dir/Speed/Temp	E/3.3 mph/64°F						SE/1.8 mph/71°F						E/6.0 mph/65°F							
	Sample Type	Sample Type	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Duplicate	Primary	Duplicate	Primary	Primary	Primary	Primary
Analyte	**Risk Screening Level**																					
	10-hour exposure	**24-hour exposure**																				
Total Particulates	N/A	N/A	NS	NS	NS	NS	NS	NS	<24	NS	NS	NS	<26	NS	NS	NS	NS	NS	NS	NS	NS	NS
Arsenic	0.037	TBD	NS	NS	NS	NS	NS	NS	< 0.058	NS	NS	NS	< 0.052	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	< 0.084	NS	< 0.084	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	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	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	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	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	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	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
1,3,5-Trimethybenzene	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	0.8	< 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	< 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	< 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	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

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

		Sample Date	5/21/2018						5/22/2018						5/23/2018					
		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
		Average Wind Dir/Speed/Temp	SE/3.2 mph/77°F						SE/2.9 mph/67°F						NW/3.3 mph/82°F					
	Sample Type	Sample Type	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Analyte	**Risk Screening Level**																			
	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
Arsenic	0.037	TBD	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
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-Trimethybenzene	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	< 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	< 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	6	7	9	12	26	19	8	3	12	5	2	6	< 1	< 1	2	3	< 1	< 2
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	1	2	1	2	0.8	1	2	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	< 0.9	< 1

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

		Sample Date	5/24/2018						5/25/2018							
		Location ID	FD01		FD02		FD06		FD01		FD02		FD06			
		Sample Exposure Time	10	24	10	24	10	24	10	24	10	24	10		24	
		Average Wind Dir/Speed/Temp														
	Sample Type	Sample Type	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Duplicate	Primary	Duplicate
Analyte	**Risk Screening Level**															
	10-hour exposure	**24-hour exposure**														
Total Particulates	N/A	N/A	83	NS	NS	NS	53	NS	NS	NS	NS	NS	NS	NS	NS	NS
Arsenic	0.037	TBD	< 0.023	NS	NS	NS	< 0.026	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benz(a)anthracene	1.43	TBD	< 0.08	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	< 0.085	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(b)fluoranthene	1.43	TBD	< 0.08	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	< 0.085	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chrysene	14.3	TBD	< 0.08	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	< 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	< 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
1,3,5-Trimethybenzene	23.6	TBD	< 1	< 1	< 1	< 1	< 1	< 2	< 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
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
Isopropylbenzene	1350	TBD	< 1	< 1	< 1	< 1	< 1	< 2	< 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
n-Propylbenzene	3370	TBD	< 1	< 1	< 1	< 1	< 1	< 2	< 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
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

Notes:
All data shown in micrograms per cubic meter ($\mu g/m^3$)
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
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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.

NS = not sampled / data not yet available.

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

	Sample Date	5/29/2018						5/30/2018						5/31/2018					
	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
	Average Wind Dir/Speed/Temp	SSE/3.7 mph/89°F						ESE/3.4 mph/78°F						E/2.6 mph/69°F					
Sample Type	Sample Type	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Analyte	**Risk Screening Level**																		
10-hour exposure	**24-hour exposure**																		
Total Particulates	N/A	N/A	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	150	NS	NS	NS	< 69	NS
Arsenic	0.037	TBD	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 0.026	NS	NS	NS	NS	NS
Benz(a)anthracene	1.43	TBD	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 0.081	NS	NS	NS	< 0.081	NS
Benzo(a)pyrene	0.143	TBD	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 0.081	NS	NS	NS	< 0.081	NS
Benzo(b)fluoranthene	1.43	TBD	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 0.081	NS	NS	NS	< 0.081	NS
Benzo(k)fluoranthene	1.43	TBD	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 0.081	NS	NS	NS	< 0.081	NS
Chrysene	14.3	TBD	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	< 0.081	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	< 0.081	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	< 0.081	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	2
1,3,5-Trimethybenzene	23.6	TBD	1	2	< 1	< 1	< 1	< 1	5	3	< 1	< 1	2	< 1	2	1	< 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	0.9
Ethylbenzene	62.9	TBD	2	2	0.9	1	1	2	9	4	< 0.9	< 0.9	4	2	3	2	< 0.9	< 0.9	2	2
Isopropylbenzene	1350	TBD	< 1	< 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	68
n-Propylbenzene	3370	TBD	< 1	< 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	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	10

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

	Sample Date	6/1/2018						6/4/2018								6/5/2018					
	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
	Average Wind Dir/Speed/Temp	ESE/2.1 mph/81°F						ENE/2.4 mph/73°F								WSW/4.9 mph/75°F					
	Sample Type	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Duplicate	Primary	Duplicate	Primary	Primary	Primary	Primary	Primary	Primary
Analyte	**Risk Screening Level**																				
	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
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	2	1	< 1	2	< 1	< 1	< 1	< 1	< 1	1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,3,5-Trimethybenzene	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	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	< 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	< 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	22	21	18	4	33	17	2	2	13	10	6	7	< 1	3	< 1	< 1	7	7	< 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	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	< 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	< 0.9

Notes:
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2018, Quarter 2 - Air Sampling Results

Quanta Resources Corporation Superfund Site, OU1

Edgewater, New Jersey

		Sample Date	6/6/2018						6/7/2018						6/8/2018					
		Location ID	FD01		FD02		FD06		FD01		FD02*		FD06		FD01		FD02		FD06	
		Sample Exposure Time	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					
	Sample Type	Sample Type	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Duplicate	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Analyte	**Risk Screening Level**																			
	10-hour exposure	**24-hour exposure**																		
Total Particulates	N/A	N/A	NS	NS	NS	NS	NS	NS	<51	55	NS	NS	<51	NS	NS	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	NS	NS
Benz(a)anthracene	1.43	TBD	NS	NS	NS	NS	NS	NS	< 0.082	NS	NS	NS	< 0.079	NS	NS	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	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	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	NS	NS
Chrysene	14.3	TBD	NS	NS	NS	NS	NS	NS	< 0.082	NS	NS	NS	< 0.079	NS	NS	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	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	NS	NS
1,2,4-Trimethylbenzene	23.6	TBD	< 1	< 1	< 1	< 1	< 1	< 1	< 1	NS	< 1	< 2	< 1	< 1	5	2	< 1	< 1	< 1	< 1
1,3,5-Trimethybenzene	23.6	TBD	< 1	< 1	< 1	< 1	< 1	< 1	< 1	NS	< 1	< 2	< 1	< 1	2	< 1	< 1	< 1	< 1	< 1
Benzene	20.2	TBD	< 0.6	< 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	< 0.6
Ethylbenzene	62.9	TBD	< 0.9	< 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	< 0.9
Isopropylbenzene	1350	TBD	< 1	< 1	< 1	< 1	< 1	< 1	< 1	NS	< 1	< 2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Naphthalene	4.62	3.13	5	4	4	8	9	9	5	NS	4	2	< 1	2	89	29	3	9	< 1	1
n-Propylbenzene	3370	TBD	< 1	< 1	< 1	< 1	< 1	< 1	< 1	NS	< 1	< 2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	16800	TBD	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	NS	< 0.8	< 1	< 0.8	< 0.8	6	3	< 0.8	2	1	1
Xylenes, Total	337	TBD	< 0.9	< 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	< 0.9

Notes:

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

		Sample Date	6/11/2018								6/12/2018						6/13/2018					
		Location ID	FD01		FD02		FD06				FD01		FD02		FD06		FD01		FD02		FD06	
		Sample Exposure Time	10	24	10	24	10	10	24	24	10	24	10	24	10	24	10	24	10	24	10	24
		Average Wind Dir/Speed/Temp	ESE/3.4 mph/75°F								S/5.5 mph/75°F						S/2.8 mph/76°F					
	Sample Type	Sample Type	Primary	Primary	Primary	Primary	Primary	Duplicate	Primary	Duplicate	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Analyte	**Risk Screening Level**																					
	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
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	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,3,5-Trimethybenzene	23.6	TBD	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Benzene	20.2	TBD	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6
Ethylbenzene	62.9	TBD	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9
Isopropylbenzene	1350	TBD	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Naphthalene	4.62	3.13	6	2	4	6	8	5	< 1	3	3	2	6	5	< 1	< 1	< 1	< 1	4	2	< 1	< 1
n-Propylbenzene	3370	TBD	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	16800	TBD	< 0.8	0.8	< 0.8	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
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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2018, Quarter 2 - Air Sampling Results
Quanta Resources Corporation Superfund Site, OU1
Edgewater, New Jersey

		Sample Date	6/14/2018							6/15/2018					
		Location ID	FD01		FD02		FD06			FD01		FD02		FD06	
		Sample Exposure Time	10	24	10	24	10		24	10	24	10	24	10	24
		Average Wind Dir/Speed/Temp	WNW/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	Primary
Analyte	**Risk Screening Level**														
	10-hour exposure	**24-hour exposure**													
Total Particulates	N/A	N/A	< 56	NS	NS	NS	< 52	NS	NS	NS	NS	NS	NS	NS	NS
Arsenic	0.037	TBD	< 0.025	NS	NS	NS	< 0.026	NS	NS	NS	NS	NS	NS	NS	NS
Benz(a)anthracene	1.43	TBD	< 0.08	NS	NS	NS	< 0.085	< 0.082	NS	NS	NS	NS	NS	NS	NS
Benzo(a)pyrene	0.143	TBD	< 0.08	NS	NS	NS	< 0.085	< 0.082	NS	NS	NS	NS	NS	NS	NS
Benzo(b)fluoranthene	1.43	TBD	< 0.08	NS	NS	NS	< 0.085	< 0.082	NS	NS	NS	NS	NS	NS	NS
Benzo(k)fluoranthene	1.43	TBD	< 0.08	NS	NS	NS	< 0.085	< 0.082	NS	NS	NS	NS	NS	NS	NS
Chrysene	14.3	TBD	< 0.08	NS	NS	NS	< 0.085	< 0.082	NS	NS	NS	NS	NS	NS	NS
Dibenz(a,h)anthracene	0.13	TBD	< 0.08	NS	NS	NS	< 0.085	< 0.082	NS	NS	NS	NS	NS	NS	NS
Indeno(1,2,3-cd)pyrene	1.43	TBD	< 0.08	NS	NS	NS	< 0.085	< 0.082	NS	NS	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
1,3,5-Trimethybenzene	23.6	TBD	< 1	< 1	< 1	< 1	< 1	NS	< 1	< 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	< 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	< 0.9
Isopropylbenzene	1350	TBD	< 1	< 1	< 1	< 1	< 1	NS	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Naphthalene	4.62	3.13	< 1	< 1	4	4	< 1	NS	< 1	5	2	< 1	7	6	5
n-Propylbenzene	3370	TBD	< 1	< 1	< 1	< 1	< 1	NS	< 1	< 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	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	< 0.9

Notes:
All data shown in micrograms per cubic meter ($\mu g/m^3$)
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

	Sample Date	6/18/2018								6/19/2018								6/20/2018					
	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
	Average Wind Dir/Speed/Temp	S/4.5 mph/94°F								N/3.9 mph/91°F								SE/3.5 mph/82°F					
	Sample Type	Primary	Primary	Primary	Duplicate	Primary	Duplicate	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Duplicate	Primary	Duplicate	Primary	Primary	Primary	Primary	Primary	Primary
Analyte	**Risk Screening Level**																						
	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
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	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	2	1	< 1	< 1	< 1	< 1
1,3,5-Trimethybenzene	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	0.9	0.8	< 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	2	< 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	< 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	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	< 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	2	1	0.9	1	0.9	< 0.8
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	< 0.9	4

Notes:
All data shown in micrograms per cubic meter ($\mu g/m^3$)
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.

> - 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

	Sample Date	6/21/2018								6/22/2018						6/25/2018					
	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
	Average Wind Dir/Speed/Temp	E/2.6 mph/87°F								ESE/3.8 mph/75°F						N/3.9 mph/84°F					
	Sample Type	Primary	Duplicate	Primary	Duplicate	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Analyte	**Risk Screening Level**																				
	10-hour exposure	**24-hour exposure**																			
Total Particulates	N/A	N/A	<52	NS	NS	NS	NS	NS	<52	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	NS	NS
Benz(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	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	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	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	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	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	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	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	< 1
1,3,5-Trimethybenzene	23.6	TBD	< 1	< 1	< 1	< 2	< 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	< 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	< 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	< 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	< 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	< 1	< 1
n-Propylbenzene	3370	TBD	< 1	< 1	< 1	< 2	< 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	1	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8
Xylenes, Total	337	TBD	< 0.87	< 0.87	1	< 1	< 0.9	1	5	5	1	< 0.9	< 0.9	< 0.9	2	1	< 0.9	< 0.9	< 0.9	< 0.9	1	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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**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

		Sample Date	6/26/2018								6/27/2018							
		Location ID	FD01		FD02		FD06				FD01				FD02		FD06	
		Sample Exposure Time	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							
	Sample Type	Sample Type	Primary	Primary	Primary	Primary	Primary	Duplicate	Primary	Duplicate	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Analyte	**Risk Screening Level**																	
	10-hour exposure	**24-hour exposure**																
Total Particulates	N/A	N/A	< 50	NS	NS	NS	< 51	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Arsenic	0.037	TBD	< 0.025	NS	NS	NS	< 0.025	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benz(a)anthracene	1.43	TBD	< 0.082	NS	NS	NS	< 0.082	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(a)pyrene	0.143	TBD	< 0.082	NS	NS	NS	< 0.082	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(b)fluoranthene	1.43	TBD	< 0.082	NS	NS	NS	< 0.082	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Benzo(k)fluoranthene	1.43	TBD	< 0.082	NS	NS	NS	< 0.082	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Chrysene	14.3	TBD	< 0.082	NS	NS	NS	< 0.082	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Dibenz(a,h)anthracene	0.13	TBD	< 0.082	NS	NS	NS	< 0.082	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Indeno(1,2,3-cd)pyrene	1.43	TBD	< 0.082	NS	NS	NS	< 0.082	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
1,3,5-Trimethybenzene	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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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

		Sample Date	6/28/2018						6/29/2018							
		Location ID	FD01		FD02		FD06		FD01		FD02		FD06			
		Sample Exposure Time	10	24	10	24	10	24	10	24	10	24	10		24	
		Average Wind Dir/Speed/Temp	SSW/3.7 mph/84°F						WNW/4.0 mph/92°F							
	Sample Type	Sample Type	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Duplicate	Primary	Duplicate
Analyte	**Risk Screening Level**															
	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
Benz(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	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,3,5-Trimethybenzene	23.6	TBD	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Benzene	20.2	TBD	< 0.6	< 0.6	< 0.6	0.7	< 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	2	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9
Isopropylbenzene	1350	TBD	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Naphthalene	4.62	3.13	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	2	1	< 1	< 1	< 1	< 1
n-Propylbenzene	3370	TBD	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	16800	TBD	< 0.8	1	< 0.8	1	< 0.8	0.8	< 0.8	< 0.8	1	< 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

Notes:
All data shown in micrograms per cubic meter ($\mu g/m^3$)
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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NS = not sampled / data not yet available.

2018, Quarter 3 - Air Sampling Results

Quanta Resources Corporation Superfund Site, OU1

Edgewater, New Jersey

	Sample Date	7/2/2018						7/3/2018								7/5/2018					
	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
	Average Wind Dir/Speed/Temp	SE/4.3 mph/94°F						ESE/2.2 mph/94°F								SSE/5.6 mph/90°F					
	Sample Type	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Duplicate	Primary	Duplicate	Primary	Primary	Primary	Primary	Primary	Primary
Analyte	**Risk Screening Level**																				
	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
Benz(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-Trimethybenzene	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	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	< 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	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	< 0.9

Notes:

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

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					
	Sample Type	Sample Type	Primary	Primary	Primary	Primary	Primary	Primary
Analyte	**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
Benz(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-Trimethybenzene	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 ($\mu g/m^3$)

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